

City of Delray Beach

*100 N.W. 1st Avenue
Delray Beach, FL 33444*



Minutes - Final

Thursday, March 16, 2023

9:00 AM

434 S Swinton Ave

Green Implementation Advancement Board

1. Call to Order

The meeting was called to order at 9:00am by Sarah Lucas.

2. Roll Call

Members Present:

Sarah Lucas, Chairperson (left meeting at 10:45am and the Vice-Chairperson took over)

Evan Orellana, Vice-Chairperson

Lindsay Zukerberg, Second Vice-Chairperson

Nancy Chanin, Board Member

Staff Present:

Kelly Brandon , Assistant City Attorney

Kent Edwards, Sustainability Officer

Mary Wozny, Assistant Sustainability Planner

David Glover, Senior Landscape Planner

Thomas Story, Landscape Site Inspector

Present 4 - Nancy Chanin, Sarah Lucas, Lindsay Zukerberg, and Evan Orellana

Absent 3 - Isabelle Seckler, Suzanne Donohue, and Heather Seaman

3. Approval of Agenda

A motion was made by Nancy Chanin to move agenda item 7d Proposed Ordinance for Artificial Turf up on the agenda to the first item under Old Business and to approve the agenda as amended. It was seconded by Lindsay Zukerberg and the motion passed unanimously.

.

Yes: 4 - Chanin, Lucas, Zukerberg, and Orellana

Absent: 3 - Seckler, Donohue, and Seaman

4. Approval of Minutes

Evan Orellana made the motion to approve the minutes and it was seconded by Nancy Chanin. The motion passed unanimously.

.

Yes: 4 - Chanin, Lucas, Zukerberg, and Orellana

Absent: 3 - Seckler, Donohue, and Seaman

Attachments: [GIAB Minutes Draft 021623](#)

5. Public Comments on Agenda & Non-Agenda Items

Member of the Public Present:

Vinnie Ardillo - no comments

6. Old Business

a. CDB Greenhouse Gas Inventory

Attachments: [CDB InventoryReport-Community_OCT2022 Final](#)

OSAR staff completed a Greenhouse Gas (GHG) Inventory, associated with a cohort facilitated by the Florida League of Cities and ICLEI.

OSAR staff completed a summary report for the inventory and this was provided in the agenda for the meeting. GIAB members discussed the report and forwarding the report to the Commission.

Evan Orellana made a motion to support the findings of the GHG report and to have the report presented to the Commission for their review and support. It was seconded by Lindsay Zukerberg and the motion passed unanimously.

Yes: 4 - Chanin, Lucas, Zukerberg, and Orellana

Absent: 3 - Seckler, Donohue, and Seaman

b. Climate Resiliency Plan discussion

Attachments: [Miami Climate Action Plan](#)
[Broward County Climate Action Plan](#)
[PBN Resiliency Action Plan](#)
[SEFL RCAP3 Final.1](#)
[Boca Raton Sustainability Action Plan](#)
[Boynton Beach Climate Action plan](#)

Attachments: [Comp Plan Notes \(2\)](#)

Progress has been made by the GIAB members on understanding what a Climate Resiliency/Action Plan is and what it could look like for the City of Delray Beach. The Board plans to have a future recommendation to Commission to develop a plan that addresses specific issues, but has not decided on the details of that recommendation yet. The Board would like to develop topic areas to discuss based off other Climate Resiliency/Action Plans provided to them as examples.

This item will remain on the agenda and at the next meeting, the Board

will break up the topic areas from other resiliency plans into sections to be discussed separately at each upcoming meeting.

c. Earth Day Event

The City has several events planned throughout the month to celebrate Earth Month. They will be listed on the City's website and promotional posts on social media will be done. Some of the events include:

Apr 1

Wyland Mayor's Water Conservation Challenge - posts throughout the month on this

Tree Planting event at Cornell Park

Rainberry Bay Earth Month event

Apr 4

4 pm City Commission Meeting - Proclamations for Earth Day and Arbor Day

Apr 7

Water Conservation Exhibit opens at Old School Square Cornell Museum

Apr 10

Green Business Certification Presentation- Zuke's Refillery (Businesses will get decal and promoted on a Green Business Map on the City website)

Apr 19

The Chamber of Commerce presents Delray Morning Live at Lionfish - Office of Sustainability and Resilience to talk about Earth Month

Apr 22- Earth Day

Sandoway hosting the Great American Beach Cleanup

9 am - Tree Giveaway with Community Greening at the Green Market Old School Square

11am and 2pm - Movie at Cornell Museum- The FishPeople: by Patagonia provided by Surfrider

11 am to 12:00 pm- Pocket Refuge planting at the Volen Center in partnership with the National Wildlife Refuge Association.

Every Friday in April

1 pm Webinar- Overview of a specific green building certification program and the Delray Beach Green Building Ordinance.

7. New Business

a. Legislative Issues updates

House Bill 363: Regulation of single-use plastic products was withdrawn. However, the related Senate Bill 336 was introduced. This would allow a coastal community to establish a pilot program to

regulate single-use plastic products.

Senate Bill 506 relates to a comprehensive waste reduction and recycling plan. This doesn't directly address plastics.

Surfrider is also watching Senate Bill 100 regarding mangroves and solidifying them as a viable solution to erosion.

b. Education and Outreach - Green Delray Resource Guide

OSAR staff reached out to the PIO officer in regard to building a Green Delray Resource Guide. The majority of the information is available already, but it just needs to be compiled into a central location. Some resources the GIAB suggested to include are: green spaces (parks), beach parking, green businesses, bike routes, public transportation, EV charging stations, recycle drop off points, textile recycling sites, solar information, water bottle filling stations, volunteer events, and second hand stores. This list of items will be passed on to the PIO officer to begin working on this realignment of resources on the website.

c. Proposed Ordinance for Artificial Turf

Attachments: [GIAB Staff Report, Artificial Turf](#)
[Proposed Ordinance, Artificial Turf](#)

David Glover, Senior Landscape Planner and Thomas Story, Landscape Site Inspector from Development Services gave a presentation about a proposed amendment regarding artificial turf. Their goal is to acquire input from various Boards including the GIAB in order to provide a recommendation to the Planning and Zoning Board and City Commission on a City-initiated request to amend Section 4.6.16, "Landscape regulations" and Appendix A - "Definitions" of the Land Development Regulations to adopt regulations governing the use of artificial turf.

Background information:

There has been a steady increase in demand for the use of artificial turf in both residential and commercial settings. The City landscape regulations were adopted prior to the proliferation of artificial turf outside of institutional uses. In the absence of definitive regulations specific to artificial turf, the City has been reviewing requests for artificial turf based on an administrative interpretation of the following sections of the LDR:

- Section 4.3.4(K), Development standards matrix
- Section 4.6.16, Landscape regulations
- Appendix A, definitions of Open Space and Landscaping

Landscape reviewers have been using the following guiding principles to review to use artificial turf:

- The required 25 percent open space area must be natural areas; the definition of open space does not allow for artificial turf.
- 20 percent of pervious areas must be planted with shrubs and ground cover; this does not include artificial turf. However, artificial turf can be counted towards pervious areas.
- The right of way must be landscaped with natural materials; the regulation does not allow for the use of artificial turf.
- Artificial turf cannot be used on historic properties, based upon the Secretary of the Interior's Standards for Rehabilitation.

The proposed amendment will codify the standing Department interpretation and simplify the process for homeowners, City staff, and landscape professionals by establishing requirements for the use of artificial turf.

Proposed updates:

The following updates are proposed:

Section 4.6.16, "Landscape regulations"

Subsection (E), "Landscape design standards"

- Revises the language governing the use of turf or sod to remove ambiguities about the section's applicability to artificial turf.
 - New artificial turf regulations to allow the use of artificial turf is allowed on both residential and non-residential properties on a limited basis.
 - It must not be visible from or used in a right of way.
 - It is only allowed for interior side or rear yards on residential properties and cannot be used in required buffers.
 - It is considered impervious and must have permeability of 30 inches per hour per square yard.
- Artificial turf cannot be used with permanent drainage features (ponds, swales, etc.).
- It must be lead-free, recyclable, and disposable at any U.S. landfill station.
 - It must have a minimum 8-year warranty.
 - The use of artificial turf requires site plan approval and building permit.
 - Artificial turf areas may not be included in open space calculations.
 - Artificial turf is considered impervious.
 - It must be installed outside of the drip line of any tree.
 - Natural or native plant communities are the appropriate material for historic properties and historic districts. Artificial turf is not a historic material, and should not replace landscaping or sod, unless it is associated with a

recreational element of the landscape design at a permitted location.

Subsection (H), "Minimum landscape requirements"

- Eliminates the language "other approved landscape materials" to make it clear that only lawn grass or approved ground cover may be used in lot areas not covered by driveways or structures.
- Modifies the shade tree planting requirement for single-family residential from one tree per 2,500 square feet to one tree per 2,000 square feet.
- General clean-up of language is also proposed to improve clarity and readability.

Appendix A - "Definitions"

The following definition of artificial turf is proposed:

ARTIFICIAL TURF OR SYNTHETIC GRASS. An artificial grass mat manufactured with man-made materials such as polypropylene, polyethylene, and/or other materials, which is used to replicate the appearance of natural grass.

GIAB comments:

Members commented they would like stronger restrictions on artificial turf.

Suggestions include increasing the setback from any water drainage feature to possibly 50ft.

Including language or definitions for bioplastics that may be used in the manufacturing process of artificial turf.

Board members agreed with modifying shade tree planting requirements from one tree per 2,500s.f. to one tree per 2,000s.f.

The Board recognizes that artificial turf may save water, but it affects soil composition, biodiversity, and increases the urban heat island effect so therefore, should be regulated.

8. Board Comments

Nancy Chanin shared an article about a new waste to energy facility planned for Broward County. OSAR did not have any knowledge of this project, but will attempt to gather some information.

No other comments.

9. Staff Comments

Attachments: [GIAB Staff Rpt 031623](#)

OSAR office will be getting an intern starting in May.

During our biweekly meeting with Community Greening, they asked to be added to the next agenda to give an update to the Board on the progress of the tree planting program. There was consensus from the Board to add this as an agenda item for the April meeting.

Topics detailed on the OSAR staff report were discussed. Additional comments not found in the report are recorded below.

Recycling: OSAR staff is working with SWA field staff to verify the list of recycling carts/dumpsters located on City properties. The updated list will be shared with Neighborhood and Community Services and Waste Management. OSAR staff is also meeting with the tennis center to discuss improving their everyday recycling initiative.

Habitat Restoration: The OSAR department purchased study guide manuals for Parks and Recreation staff to use for their pesticide application certification exam. They will be distributed to them at the next scheduled habitat restoration training.

10. Adjournment

A motion to adjourn the meeting was made by Lindsay Zukerberg and it was seconded by Nancy Chanin. The motion passed unanimously and the meeting adjourned at 11:00am.

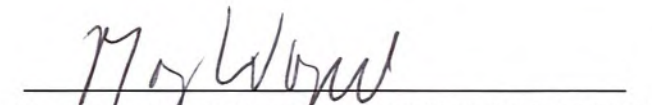
Green Implementation Advancement Board
March 16, 2023 Meeting Minutes

The undersigned is the Secretary of the Green Implementation Advancement Board and the information provided herein is the minutes of the meeting of said Green Implementation Advancement Board on March 16, 2023 which minutes were formally approved and adopted by the Board on April 20, 2023.

ATTEST:



CHAIR



ADVISORY BOARD/LIAISON/ SECRETARY

NOTE TO READER: If the minutes you have received are not completed as indicated above, this means they are not the official minutes of the Green Implementation Advancement Board. They will become official minutes only after review and approval, which may involve some amendments, additions, or deletions.