



City of Palm Coast

Agenda

BEAUTIFICATION AND ENVIRONMENTAL ADVISORY COMMITTEE

City Hall
160 Lake Avenue
Palm Coast, FL 32164
www.palmcoastgov.com

*Chairman Jeffery Seib
Committee Member Edward Beier
Committee Member Marcia Foltz
Committee Member Robert Knapp
Committee Member Glenn Partelow*

Thursday, March 28, 2019

5:00 PM

COMMUNITY WING OF CITY HALL

>In accordance with the Americans with Disabilities Act, persons needing assistance to participate in any of these proceedings should contact the City Clerk's Office at 386-986-3713 at least 48 hours prior to the meeting.

>Public comment on issues on the agenda or public participation shall be limited to 3 minutes.

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>Other matters of concern may be discussed as determined by Committee during the meeting.

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CALL TO ORDER AND PLEDGE OF ALLEGIANCE

ROLL CALL

MINUTES

1 MEETING MINUTES OF THE FEBRUARY 28, 2019 BEAUTIFICATION AND ENVIRONMENTAL ADVISORY COMMITTEE MEETING

OLD BUSINESS

2 ENVIRONMENTAL AGENDA 2019-2

NEW BUSINESS

3 ELECTION OF A VICE CHAIR TO THE BEAUTIFICATION AND ENVIRONMENTAL ADVISORY COMMITTEE

4 ELECTION OF A BEAUTIFICATION AND ENVIRONMENTAL ADVISORY COMMITTEE MEMBER TO THE ARTS COMMISSION

PUBLIC PARTICIPATION

DISCUSSION OF MATTERS NOT ON THE AGENDA

ADJOURNMENT

City of Palm Coast, Florida Agenda Item

Agenda Date :

Department	PLANNING	Amount
Item Key	6215	Account
		#
Subject	MEETING MINUTES OF THE FEBRUARY 28, 2019 BEAUTIFICATION AND ENVIRONMENTAL ADVISORY COMMITTEE MEETING	
Background :		
Recommended Action :		
Approve as presented		



**City of Palm Coast
Minutes
BEAUTIFICATION AND
ENVIRONMENTAL
ADVISORY COMMITTEE**

City Hall
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CALL TO ORDER AND PLEDGE OF ALLEGIANCE

Chair Seib called the February 28, 2019 meeting of the Beautification and Environmental Advisory Committee (BEAC) to order at 5:01PM.

ROLL CALL

Present and responding to roll call were:

Mr. Glenn Partelow

Mr. Edward Beier

Ms. Marcia Foltz

Chair Jeffrey Seib

Staff Members:

Beth Dawson - Landscape Architect

Jordan Myers - Environmental Planning Technician

MINUTES

1 MEETING MINUTES OF THE JANUARY 24, 2019 BEAUTIFICATION AND ENVIRONMENTAL ADVISORY COMMITTEE MEETING

Pass

Motion made to approve as presented made by Committee Member Foltz and seconded by Committee Member Beier

Approved - 4 - Committee Member Edward Beier, Committee Member Marcia Foltz, Chairman Jeffery Seib, Committee Member Glenn Partelow

OLD BUSINESS

NEW BUSINESS

2 ENVIRONMENTAL AGENDA 2019

Chair Seib explained that the spectators were present to observe the meeting and are members of the scouts, they are Mr. Albert Silva and Michael Silva.

Chair Seib gave a presentation on climate change and sea level rise which is attached to these minutes.

Ms. Foltz inquired about whether or not the City's Comprehensive Plan (including policies and objectives) addresses climate change. Ms. Myers responded by reading from the summary from Chapter 6 - Conservation and Coastal Management of the City's Comprehensive Plan which covers: air quality, quality and quantity of water resources, conservation of water resources, stormwater management, shoreline access, wetlands, floodplain protection, wildlife habitats, mineral and soil resources, educational outreach, and environmental sustainability of government operations.

Discussion ensued about possible goals to be suggested to the Planning and Land Development Regulation Board and/or the City Council to be implemented within the City's Comprehensive Plan to minimize the carbon dioxide (CO²) output within the City through use of sustainable energy (i.e. solar, wind power).

Ms. Dawson informed the BEAC members of the following awards/programs that the City participates in: Silver Level Certification through the Florida Green Building Initiative and that the City Hall building is certified silver.

An explanation of LEED certification criteria was provided. City Hall is LEED certified - LEED - Leadership in Energy and Environmental Design. The City of Palm Coast has the 3rd highest LEED score of participating governments within the State of Florida.

Ms. Dawson also explained the City's participation in the CRS program (Community Rating System) which is administrated under the National Flood Insurance Program and provides incentives for Communities to join by implementing higher standards and regulations. A community can earn points in the CRS and these points translate into premium flood insurance reductions for the citizens. The City of Palm Coast is currently at a class 4 designation within the CRS program, joining only 12 other communities in the Nation receiving a class 4 rating.

Ms. Dawson explained the City's Green Building incentives for developers who build green, resulting in reimbursements in regards to building and utility fees. Ms. Dawson to send links to the BEAC members to the City's website that describes these incentives.

Ms. Myers mentioned the solar trees at Central Park and the solar community canopy at the Community Center are some examples of the City's use of solar power.

The BEAC members discussed asking that Denise Bevan, City Administration Coordinator, attend a future BEAC meeting to address her major concerns with regard to climate change that could be enhanced within the existing "green" programs. Staff to discuss changes to the Comprehensive Plan (including policy and objective) to address climate change and sea level rise and revisit with the BEAC members in a future meeting.

BEAC members to research on their own other comparable cities in size and what those City's Comprehensive Plan includes with regard to climate change and rising sea levels.

PUBLIC PARTICIPATION

Chair Seib opened the meeting to public participation at 6:04PM.

Mr. Michael Silva addressed the BEAC members about the City supporting his Eagle Scout project of making bird houses. Discussion was taken off line to discuss after the meeting.

Mr. Albert Silva addressed the BEAC members about his support of the City's existing "green incentives" and recommended the City do more to promote these policies with builders, including having a meeting with the builders hosted by the City to get the word out.

Staff to verify what if any hand outs are given to the builders regarding "green" incentives and report back to the BEAC members next month.

DISCUSSION OF MATTERS NOT ON THE AGENDA

Ms. Dawson gave an update as to the open BEAC position being filled. The City Council is scheduled to vote on the candidate at the March 5, 2019 City Council Meeting.

The BEAC members suggested adding to the agenda next month the election of the Vice Chair person to the BEAC as well as the appointment of the BEAC representative to the Arts Commission.

ADJOURNMENT

Motion made that the meeting be adjourned by Ms. Foltz and the motion was seconded by Mr. Beier.

The meeting was adjourned at 6:11PM.

*Respectfully Submitted by:
Irene Schaefer, Recording Secretary*

City of Palm Coast, Florida Agenda Item

Agenda Date: March 28, 2019

Department	PLANNING	Amount
Item Key	6247	Account
		#
Subject	ENVIRONMENTAL AGENDA 2019-2	
Background :	During the February 28, 2019 Beautification and Environmental Advisory Committee Meeting a discussion was started regarding actions that the City of Palm Coast could implement to minimize the effects of climate change and rising sea levels. This document is a continuation of that discussion.	
Recommended Action :	Presentation purposes.	

Environmental Agenda 2019-2

In understanding and recognition of the undeniable and irrefutable fact that climate change and sea level rise is occurring and will affect coastal communities like Palm Coast at a greater rate and earlier time frame than more inland locations it is imperative the city initiate a process of examination and evaluation of all city procedures with the goal of reducing and moderating any negative impact.

The infrastructure of Palm Coast and most, if not all, other communities were designed and constructed based on historical environmental conditions. Present and future design and planning should take into consideration adaptations to expected increases in the severity and frequency of hurricanes, other extreme temperature and rainfall events, and flooding due to sea level rise. Also, action is needed to deal with possible salt water contamination of local water supplies and aquifers. All these factors, and more, necessitate a departure from the 'business as usual' growth planning Palm Coast is utilizing at present.

Possible features of a new model city action plan for Palm Coast include efforts to:

Lower greenhouse gas emissions

Increase deployment of renewable energy resources in both public and private domain

Incentives for private green building technology development especially in downtown, urban core area

Insure a non-contaminated, sustainable water supply

Conservation of coastal natural ecosystems such as wetlands and upland buffers

Environmental Agenda 2019

The heat is on...

Facts to Consider

- Atmospheric greenhouse gases (CO₂, Methane CH₄, nitrous oxide N₂O, and ozone O₃) rates rising rapidly
- Antarctica, Arctic, and glacial ice caps melting
- Increasing severity of both winter (cold) and summer (heat) weather patterns
- Time frame of potential catastrophic and non-reversible climate changes reduced
- Potential for reductions in world-wide agricultural output
- Species die-offs at mass extinction rates

Storm surges increasing...



Coastal flooding occurring regularly...



Shoreline similar to ours



Palm Coast various heights above sea level at present in feet

● Jungle Hut Road	7
● Cortes Court	10
● Colbert Lane	16
● Fairbanks Lane	23
● Winchester Place	33
● Belle Terre Pky	36

Sea level rise, South Beach Miami



Worst case scenario 198ft rise



Resources for business 'buy in' to renewable and green energy

- Palm Coast green building incentives
- Tax incentives for solar power
- Grants from local, state, and federal funds
- Collaboration with FPL

Solar energy construction



Inconspicuous on roof



Solar panels add to building design



PC Community Center parking canopy solar array with FPL



Pro-active strategy recognizing a threat exists, recommendations

- Recommend the city council appoint a panel/commission composed of: The general public, The business community, Environmental interests
- Agenda to seek out expert opinion and review and report to city council
- Prepare potential action plans utilizing marginal, optimal, and worst case scenarios of climate change impact and public policy response

City of Palm Coast, Florida Agenda Item

Agenda Date: March 28, 2019

Department	PLANNING	Amount
Item Key	6248	Account
		#
Subject	ELECTION OF A VICE CHAIR TO THE BEAUTIFICATION AND ENVIRONMENTAL ADVISORY COMMITTEE (BEAC)	
Background : It is necessary for the BEAC to elect a new Vice Chair due to the vacancy caused by the passing of Mr. Ken Jones in November 2018.		
Recommended Action : Elect a Vice Chair		

City of Palm Coast, Florida Agenda Item

Agenda Date: March 28, 2019

Department	PLANNING	Amount
Item Key	6249	Account
		#
Subject	ELECTION OF A BEAUTIFICATION AND ENVIRONMENTAL ADVISORY COMMITTEE (BEAC) MEMBER TO THE ARTS COMMISSION	
Background :	Due to the passing of Mr. Ken Jones in November 2018 it is necessary to replace his seat within the Arts Commission.	
Recommended Action :	Elect a BEAC member to the Arts Commission	