



AGENDA

SUSTAINABILITY BOARD

SATELLITE BEACH COUNCIL CHAMBER
565 CASSIA BOULEVARD, SATELLITE BEACH, FL 32937

MAY 22, 2019
7:00 P.M.

1. **CALL TO ORDER BY CHAIRMAN KRISTOPHER REID**
2. **PLEADGE OF ALLEGIANCE**
3. **PUBLIC COMMENTS**
4. **STAFF UPDATE**
5. **PRESENTATION BY BOB ATKINS ON MANATEES IN THE INDIAN RIVER LAGOON**
6. **PRESENTATION BY LESLIE MALONEY AND CHRIS MOORE ON THE SIERRA CLUB READY FOR 100 CAMPAIGN**
7. **DISCUSS/TAKE ACTION ON THE PRESENTATIONS ON SEA GRASS**
8. **DISCUSS/TAKE ACTION ON APPOINTING A MEMBER TO JOIN THE AD HOC DESIGN COMMITTEE**
9. **BOARD MEMBER COMMENTS**
10. **AGENDA ITEMS FOR NEXT MEETING**
11. **ADOPTION OF MINUTES: APRIL 24, 2019**
12. **ADJORNMENT**

PURSUANT TO SECTION 286-0105, FSS, IF AN INDIVIDUAL DECIDES TO APPEAL ANY DECISION MADE BY THE CITY COUNCIL WITH RESPECT TO ANY MATTER CONSIDERED AT THIS MEETING, A VERBATIM TRANSCRIPT OF THE PROCEEDINGS MAY BE REQUIRED AND THE INDIVIDUAL MAY NEED TO ENSURE THAT A VERBATIM TRANSCRIPT OF THE PROCEEDINGS IS MADE. IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT AND SECTION 286.26, FSS. PERSONS WITH DISABILITIES NEEDING SPECIAL ACCOMMODATION TO PARTICIPATE IN THIS MEETING SHOULD CONTACT THE CITY CLERK'S OFFICE.



Sustainability Board Staff Report

To: Board Chairman and Board Members

CC: City Manager, Courtney Barker

From: Nicholas Frank Sanzone

Meeting Date: 5/22/2019

Department: Community Development

PROJECTS COMPLETED:

- On Thursday, April 25, 2019, at 7:00 PM in City Hall, Council Chambers, Sustainability Workshop #14, "Dark Skies and Sea Turtle Nesting," was held. This workshop covered the changes made to the Dark Sky Green Achievement Target #13 as well as a basic overview of sea turtle education and how sea turtles are affected by improper lighting.
- On Saturday, April 27, 2019, from 9:00 AM to 2:00 PM, the Coastal Garden Fair and Earth Day Celebration was held and the event was a success. City staff thanks all of the Sustainability Board and Beautification Board members who participated in this event. We had 5 presenters, over 40 vendors, and over 100 attendees.
- On May 14, 2019 a classroom presentation on the topic of stormwater was presented to Jaime W. Malta's 5th Grade Surfrider group at Surfside Elementary in Satellite Beach. This presentation was necessary to complete the task requirement for the National Pollutant Discharge Elimination System (NPDES) stormwater educational requirement for the City.

WORK UNDERWAY THIS MONTH:

- Continued creation of the Earth Friendly Community Campaign with Councilwoman Mindy Gibson.
- Continued testing the natural herbicide alternatives to Round Up products that contain glyphosate.
- Continued to work with Public Works to plan the next Planting Day on Desoto Parkway.

- Continued posting on Facebook with updates on the Doubles Beachside project since ground breaking on March 15, 2019.
- Created an unpaid internship for the category of Social Media. Our new Social Media intern Julia Brooks, a student at St. Leo's University, will post on Facebook, Instagram, Twitter, and the Next-door app.
- Hired Hanna Vest, a Florida Institute of Technology student, as a paid intern for the summer of 2019. Hanna will assist with the development of the City's Sustainability Program.

PUBLIC EVENTS & MEETINGS:

- The Brevard Sustainability Working Group (BSWG) held its meeting at 9:00 AM on March 20, 2019, at the University of Florida Institute of Food and Agricultural Sciences building, 3695 Lake Drive, Cocoa, FL 32926. We continued to discuss the first BSWG event.
- On May 15, 2019 - The DeLaura Sustainability Board meeting took place at 8:45 AM. The students are continuing to focus on the installation of a water bottle filling station in the school. This was the final meeting of the Delaura Sustainability Board for this year. The next meeting will take place next year at a time TBD.
- Participated in the Sustainability Board Bike Ride on Friday, May 17, 2019.

FUTURE TOPICS & SPECIAL PRESENTATIONS:

- On Thursday, May 29, 2019, at 7:00 PM at City Hall, Council Chambers, Sustainability Workshop #15, "Recycling and Sustainable Products," will be held. This workshop will be an overview of all the projects currently underway in the City that are related to Recycling and Sustainable Products and the future of Recycling and Sustainable Products locally and globally. This is a continuation of the City's Sustainability Action Plan Green Achievement Target #7.
- On Saturday, June 8, 2019 the Keep Brevard Beautiful (KBB) 38th Annual Trash Bash, will be held in conjunction with The Great American Cleanup. City residents and the Sustainability Board are encouraged to participate in this event.
- Classroom presentations on the topic of stormwater will continue to be presented to students in Satellite Beach, the next location is TBD. This presentation is necessary to complete the task requirement for the National Pollutant Discharge Elimination System (NPDES) stormwater educational requirement for the City.
- The Brevard Sustainability Working Group (BSWG) will have its next meeting at 9:00 AM on Monday, June 17, 2019, at the University of Florida Institute of Food and Agricultural Sciences building, 3695 Lake Drive, Cocoa, FL 32926.



#6

**DISCUSS/TAKE ACTION ON THE ADOPTION OF A
RESOLUTION BY THE CITY COUNCIL OF THE CITY OF
SATELLITE BEACH, FLORIDA, RELATING TO 100%
RENEWABLE ENERGY BY 2050**

To: City Manager Courtney Barker

From: Environmental Program Coordinator Nick Sanzone

Recommended Action:

Approve the resolution relating to achieving 100% renewable energy by 2050.

Summary: As the impacts from energy consumption continues to alter the environment at an increasing rate over time, methods of energy consumption should be adjusted to reflect the wisdom of the times to utilize the most up to date technologies. This will help to achieve the most sustainable relationship with energy consumption as soon as possible. Using technologies that reduce pollution to the environment increase the quality of life for our residents and promote jobs that require skilled labor with long term job security, that do not jeopardize the health of these workers. Promoting renewable energy additionally is economically beneficial, since the more it is used and accepted, it will become more available to a greater distribution of the City population as the price drops and availability increases. This resolution falls inline with the City's Sustainability Action Plan Green Achievement Target #1: Convert all municipal buildings to solar power in the next two decades, while striving to make City Hall and the Public Works building run completely off solar power by 2022. [Energy and Transportation]

Budget Impacts: NONE

Attachments:

- RESOLUTION

RESOLUTION NO. 1011

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SATELLITE BEACH, FLORIDA, RELATING TO 100% RENEWABLE ENERGY BY 2050; PROVIDING CERTAIN FINDINGS; PROVIDING FOR SEVERABILITY, REPEAL OF CONFLICTING RESOLUTIONS, AND AN EFFECTIVE DATE.

WHEREAS, renewable energy represents an enormous economic opportunity for the City of Satellite Beach to create jobs in an emerging industry, increase economic security and expand prosperity for local residents, reduce air pollution and associated public health risks, reduce the strain on water resources, and save consumers money; and

WHEREAS, thirty-nine U.S. cities, including San Diego, CA, Salt Lake City, UT, San Jose, CA and Orlando Florida have already adopted ambitious 100% clean energy goals, and five U.S. Cities, including Aspen, CO, Burlington, VT, Greensburg, KS, Kodiak Island, AK, and Rock Port, MO have already hit their targets to generate 100% of the energy used community-wide from clean, non-polluting and renewable sources; and

WHEREAS, the City of Satellite Beach, through the Sustainability Action Plan, has been working since 2017 to make us the most sustainable City in the Southeast to improve quality of life of our residents, preserve natural resources, and promote environmental stewardship; and

WHEREAS, the City of Satellite Beach has committed to reducing air pollution and greenhouse gas emissions in accordance with the Paris Climate Agreement, specifically 90% reduction of our emissions compared to 2007 levels by 2040; and

WHEREAS, the City of Satellite Beach has developed a strong partnership with Florida Power and Light (FPL) to advance solar and clean energy efforts, including utility-scale solar farms, community solar arrays, rooftop solar programs, solar rebates, and more; and

WHEREAS, in 2017 the City of Satellite Beach was designated as a “SolSmart City” by the U.S. Department of Energy for our leadership in expanding renewable energy; and

WHEREAS, the City of Satellite Beach enabled the Property Assessed Clean Energy (PACE) and the Solar & Energy Loan Fund (SELF) financing programs to assist

home and business owners with accessing low-cost capital to make clean energy improvements; and

WHEREAS, the City of Satellite Beach will create structured mechanisms to include low-income citizens in the benefits of renewable energy future including creating quality careers adhering to local source hiring, a just transition for workers displaced by fossil fuel reduction, equitable access through ownership and benefits to new opportunity for historically marginalized communities, and affordable clean energy options; and

WHEREAS, “Renewable Energy” includes energy derived from wind, solar, geothermal, and wave technology sources. These sources of energy have significant public health co-benefits associated that can help address pressing environmental justice challenges in sensitive communities in the City of Satellite Beach and around the country; and

WHEREAS, small hydroelectric, biomass, and new low-impact technologies that are not yet commercially viable may be considered “renewable energy” after being evaluated for sustainability and environmental justice implications; and

WHEREAS, “Renewable Energy” specifically excludes energy derived from fossil fuels, nuclear, current technology for incineration of municipal and medical waste, and any large-scale future hydroelectric development; and

WHEREAS, the City of Satellite Beach seeks to collaborate with surrounding communities to share best practices on planning and implementation and seek partnerships on implementation pathways where beneficial for both parties; and

WHEREAS, by 2019, the City of Satellite Beach will develop a plan to achieve 100% renewable energy by 2030 and community-wide 100% renewable electricity by 2050 that will include a transparent process to seek community and stakeholder input and develop interim milestones, budget estimates, equity metrics, estimated financial impacts, financing mechanisms, and the percentage of renewable energy that shall be locally generated.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF SATELLITE BEACH, FLORIDA AS FOLLOWS:

SECTION 1. RENEWABLE ENERGY COMMITMENT. It is the goal and policy of the Satellite Beach City Council, in cooperation with other local governments, private organizations, and individuals, for 100% of all electricity consumed in the City of Satellite Beach to come from renewable energy resources and associated technologies by the year 2050.

SECTION 2. SEVERABILITY. If any provision of this resolution or its application to any person or circumstance is held invalid, the invalidity does not affect other provisions or applications of this resolution which can be given effect without the invalid provision or application, and to this end the provisions of this resolution are severable.

SECTION 4. REPEAL. All resolutions or parts of resolutions previously adopted and in conflict with this resolution are hereby repealed.

SECTION 5. EFFECTIVE DATE. This resolution takes effect immediately upon adoption.

This resolution was adopted at a regular meeting of the City Council on the ____ day of _____, 2019.

FRANK P. CATINO, MAYOR

ATTEST:

GWEN PEIRCE, CMC, CITY CLERK

**SUSTAINABILITY BOARD
UNAPPROVED REGULAR MEETING MINUTES
APRIL 24, 2019**

Pursuant to public notice, Chairman David Floyd convened a regular meeting of the Sustainability Board on Wednesday, April 24, 2019, at 7:00 p.m., in the Council Chamber. Board Members present were, David Vigliotti, John Fergus, Mark Boyd, Kris Reid, and Matt White. Staff Members present were Environmental Coordinator Nick Sanzone, and Recording Secretary Julie Finch.

Chairman David Floyd led the Pledge of Allegiance.

(TIME: 7:00 P.M.) PUBLIC COMMENT

Carol Robitschek asked the Board for help with the Library rain barrels. Rodney Smith talked about his new gardening program for children.

(TIME: 7:08 P.M.) STAFF UPDATE

Nick Sanzone talked about projects and meetings that he has coordinated. He informed the Board know he nominated them for an environmental award.

(TIME: 7:15 P.M.) PRESENTATION BY CHUCK JACOBY WITH ST. JOHNS WATER MANAGEMENT DISTRICT ON SEAGRASS

Chuck Jacoby gave an in-depth presentation on sea grasses present in the lagoon and trends of growth in the past and present.

(TIME: 7:59 P.M.) PRESENTATION BY AARON MCDANIEL AND MARIBEN ANDERSON ON THE MERRITT ISLAND AIRPORT SEAGRASS PROJECT

Aaron McDaniel and Mariben Anderson presented the implementation of sea grass at the Merritt Island Airport and challenges that the project undertook.

(TIME: 8:37 P.M.) DISCUSS/TAKE ACTION ON PARTICIPATION AT THE COASTAL GARDEN FAIR AND EARTH DAY CELEBRATION

The Board discussed who was available to work at the event.

(TIME: 8:42 P.M.) DISCUSS/TAKE ACTION ON BIKE EVENTS

Kris Reid spoke about his collective ideas for future biking events and some ideas for marketing.

Public Comment: Jennifer Schroeder talked about her experiences in Colorado with co-operatives.

**UNAPPROVED REGULAR MEETING MINUTES
APRIL 24, 2019**

(TIME: 8:51 P.M.) DISCUSS/TAKE ACTION ON CHAIR AND VICE CHAIR POSITIONS

Members nominated Kris Reid to become the new Chairman and Mark Boyd to be the new Vice Chairman. The Board thanked David Floyd for his tenure as Chairman.

ACTION: Board Member Vigliotti MOVED, SECOND by Board Member John Fergus to nominate Kris Reid as the Board Chairman.

ACTION: Board Member Vigliotti MOVED, SECOND by Board Member John Fergus to nominate Mark Boyd as the Board Vice Chairman.

(TIME: 8:57 P.M.) BOARD MEMBER COMMENTS

Kris Reid asked Board members for opinions on the presentations. Dylan will record part of the next meeting.

(TIME: 9:04 P.M.) AGENDA ITEMS FOR NEXT MEETING

Mark would like to talk more about sea grass. Kris would like to talk more to report on the biking events

(TIME: 9:11 P.M.) ADOPTION OF THE MINUTES: MARCH 27, 2019

CONSENSUS by Board to adopt the minutes from March 27, 2019.

(TIME: 9:11 P.M.) ADJOURNMENT

CONSENSUS by Board to adjourn.

Next meeting: May 22, 2019

Julie Finch

Recording Secretary