

**AGRICULTURAL AND ENVIRONMENTAL ADVISORY COMMITTEE
JANUARY 9, 2020**

DRAFT

MEMBERS PRESENT

Dr. Philip Busey	P
Adrienne Kaltman, Vice Chair	P
Cynthia Schaefer	P
Jeremy Wehby, Chair	A
Scott Weinstein	A

STAFF AND GUESTS PRESENT

Lise Bazinet, Planner II
Lorraine Robinson, Secretary
Daren Cheatham, Broward County
Stephan Bush, Town of Davie Fleet Manager

Acting Chair Kaltman called the meeting to order at 5:14 p.m.

1. ROLL CALL

Roll was called and a quorum was established.

2. APPROVAL OF MINUTES

2.1 October 3, 2019 meeting

Dr. Busey noted some minor changes to page 2 of the minutes.

Motion made by Ms. Schaefer, seconded by Dr. Busey, to approve the minutes with corrections. In a voice vote, the motion passed unanimously. (3-0 with Chair Wehby and Mr. Weinstein absent)

Staff asked to move up item 4.1 as the presenter was delayed.

4. OLD BUSINESS

4.1 Committee Objectives Survey (Dr. Busey)

Dr. Busey provided an outline for the survey. There was a brief discussion on narrowing down the survey to (5) questions and the content. Ms. Schaefer recommended adding an open-ended question in order to get more information. Dr. Busey thought question #3 may be a duplication and they decided to make it an open-ended question for the public to offer their opinion.

Motion made by Ms. Schaefer, seconded by Ms. Kaltman (passing the gavel to Dr. Busey) to approve the Sustainability Survey with the following revisions:

- 1. Question 3- What does sustainability mean to you?
Make this an open-ended question*
- 2. Add a check box – Do you live or work in Davie?*

In a voice vote, the motion passed (3-0 with Mr. Wehby and Mr. Weinstein absent).

Ms. Bazinet, at the request of Dr. Busey, will have the Town Attorney determine the survey would necessitate a privacy issues disclaimer.

3. PRESENTATION

3.1 Electric Vehicles Presentation

Daren Cheatham, Broward County Senior Natural Resources Specialist

Daren Cheatham provided a presentation on Broward County's commitment to electric vehicles. In 2018, the County passed resolution 2018-607 which included the Zero Emission Vehicle Targeted Challenge which calls for the purchase of only zero-emissions vehicles by 2030. He described the County's current electric vehicle (EV) fleet costs and savings. The benefits are they cost half as much to operate, maintenance cost is reduced and results in a 60% greenhouse gas reduction. He indicated that fueling station infrastructure is a challenge as many of the existing parking garages are lacking them. A full charge takes 8-10 hours. The County just purchased a super charger which gets the vehicle fully charged in 1-1.5 hours and will be used as a backup. He indicated that Broward County is working on a grant program to incentivize charging stations in rental communities. He said that not being able to charge during loss of power like during hurricanes was one of the biggest challenges.

Ms. Schaefer asked how the Town was doing concerning an electric fleet and were there resources to use. Mr. Cheatham said the EV Infrastructure Plan from the Volkswagen settlement was an opportunity zone in which the County and Municipalities can tap into. Mr. Bush mentioned they have applied for a portion of the Volkswagen Clean Air Act Civil Settlement which has a \$2.7 billion mitigation trust fund.

Ms. Schaefer asked how the Town was doing in transitioning to an EV fleet. Mr. Bush said the Town will be purchasing the new police interceptor hybrid being released this year. In addition, police have a lot of electronic technology which uses up the vehicles power supply. The plan is to use electric or hybrid vehicles with administration. Many departments including Engineering and Building often go off-road and EVs aren't suited for that.

Ms. Schaefer asked if the Town has any plans in place for EV infrastructure. Ms. Bazinet responded that staff have met many times to discuss fleet replacement. Ms. Bazinet said that new developments are adding charging station infrastructure.

Ms. Schaefer asked what the committee could do to help the process to green the Town's fleet. Mr. Cheatham said that as the County invests more in infrastructure, that the Town could enter in shared infrastructure agreements.

Motion made by Ms. Schaeffer, seconded by Dr. Busey, for Town Council to set a reasonable goal to have a more sustainable fleet and work with Broward County on a shared infrastructure agreement. In a voice vote, the motion passed unanimously. (3-0 with Mr. Wehby and Mr. Weinstein absent)

4. OLD BUSINESS

4.1 Committee Objectives Survey (Dr. Busey) – discussed earlier in the meeting

4.2 Orange Blossom 2020

Ms. Bazinet provided the dates of the event- February 28th – March 1st, 2020. Ms. Schaefer said she would attend Orange Blossom to promote the Sustainability Awards and the Agricultural and Environmental Advisory Committee. The committee agreed the Sustainability Survey should be handed out during the event.

4.3 Leaf Blower Article (Ms. Schaefer)

Ms. Schaefer provided an article to be included in the next edition of the Davie Update about lawn equipment pollution. She would like to focus on educating residents and have the Town switch out 2-stroke engines. Dr. Busey didn't have enough information to support this.

Motion made by Ms. Schaefer, seconded by Ms. Kaltman (passing the gavel to Dr. Busey), for the Town to inventory lawn equipment and replace 2-stroke maintenance engines with electric where possible. In a voice vote, the motion passed (2-1 with Dr. Busey dissenting, and Mr. Wehby and Mr. Weinstein absent).

4.4 Solar Initiative (Mr. Wehby)

Chair Wehby was absent; this item was tabled until the next meeting.

4.5 Annual Energy Audit (Dr. Busey)

Dr. Busey stated there was a 2009 Town of Davie Energy Use Dashboard which is included in the 2011 Sustainability Action Plan. He was unsure how it was done. Ms. Bazinet explained that the Town had a grant and hired a consultant which created the energy use baseline. Since that time, there haven't been funds secured to perform another energy audit which would require a third-party consultant. Dr. Busey commented he was skeptical of the numbers contained in the report. Ms. Bazinet said the report was based on data collected. She added that the Sustainability Action Plan was for municipality operations only, any other data would have been based on statistics. Dr. Busey said he would study it further.

4.6 Electric Town Vehicle Fleet (Ms. Kaltman)

This was covered by the presentation on Item 3.1

4.7 Residents Recycling Yard Waste Questionnaire (Mr. Weinstein)

Mr. Weinstein was absent; this item was tabled until the next meeting.

5. NEW BUSINESS

There was a brief discussion on the Davie Update including deadlines for upcoming issues.

6. ITEMS FOR NEXT AGENDA

- 1- Solar Initiative (Wehby)
- 2- Residents Recycling Yard Waste Questionnaire (Weinstein)
- 3- PACE – Solar Permits
- 4- Regular Educational Program (Discussion Item)

7. COMMENTS AND/OR SUGGESTIONS

Ms. Schaefer suggested that the Town offer monthly demonstrations or workshops related to sustainability. Ms. Bazinet said this would be a Parks & Recreation event. Ms. Schaefer said she would contact Mr. Jeff Pohlman, Parks & Recreation Director, directly.

8. PUBLIC COMMENTS

Mr. Eric Swalley made a statement concerning electric vehicles and that there isn't enough lithium and cobalt for batteries, creating issues when mined. He said the lifespan of the batteries is only 7-8 years and that hydrogen fuel is the future. He provided a brief description of the hydrogen process.

9. ADJOURNMENT

Upon motion duly made and seconded, the meeting was adjourned at 7:42 p.m.

Date Approved: _____

Chair/Board Member