

**TOWN OF DAVIE
AGRICULTURAL AND ENVIRONMENTAL ADVISORY COMMITTEE
JULY 3, 2014**

MEMBERS PRESENT

David Parrish, Chair	P
Adrienne Kaltman, Vice Chair	A
Eric Swalley	P
Cynthia Schaefer	P
Stephanie Munson	P
Sam Scott	A
Scott Weinstein	P
Phil Busey	P

STAFF AND GUESTS PRESENT

Lise Bazinet, Planner II
Lisa Edmondson, Recording Secretary, Prototype, Inc.

Chair Parrish called the meeting to order at 5:03 p.m.

1. PLEDGE OF ALLEGIANCE

2. ROLL CALL

Roll call was taken by Ms. Edmondson, and it was noted there were six members present, therefore comprising a quorum.

Ms. Bazinet reminded the Board that there have to be six members present at all times to constitute a quorum.

(2 seats have not yet been appointed.)

3. MOTION TO EXCUSE COMMITTEE MEMBERS

3.1 April 3, 2014, absences

Motion made by Ms. Schaefer, seconded by Mr. Swalley, to excuse Chair Parrish, Dr. Scott, and Mr. Weinstein from the April 3, 2014, meeting. In a voice vote, the motion passed unanimously.

3.2 July 3, 2014, absences

Motion made by Mr. Swalley, seconded by Mr. Weinstein, to excuse Dr. Scott's absence at this meeting. In a voice vote, the motion passed unanimously.

4. APPROVAL OF MINUTES

4.1 April 3, 2014, Meeting

Motion made by Ms. Munson, seconded by Mr. Swalley, to approve the minutes of the April 3, 2014, meeting with the corrections noted:

- Pg. 5, 3rd paragraph under Public Comments, "Institute" should be "Nova, Davie Campus"
- Pg. 5, 3rd paragraph, add Dr. Songgao as the doctor giving the lecture series

In a voice vote, the motion passed unanimously.

5. PRESENTATIONS

5.1 Residential Recycling in Broward County by Denise Yoezle, Broward County

Ms. Yoezle distributed a copy of her presentation, and provided an overview as follows:

- Benefits of recycling
 - Greenhouse gas reduction
 - Diversion of resources from landfills
- Where do the recyclables go?
 - MRF (Materials Recovery Facility) owned and operated by Waste Management, state-of-the art
- Where do they go after leaving the Materials Recovery Facility?
 - Plastics and aluminum have good markets, glass more difficult
- State has a 75% recycling and diversion goal (By 2020, 75% of all waste diverted from landfills and recycled or reused)
- Davie is participating
- Weekly pickup of recyclables for single-family homes
- Multi-family recycling is next step
 - Compliance issues exist with mandatory recycling
 - Possible high level of contamination from trash bins
 - County staff can provide education outreach - documents can be individualized for each city
 - Collection points throughout buildings with convenient locations and good signage
 - Make the program financially attractive for trash haulers

Ms. Yoezle reiterated that Davie has mandatory residential, multi-family, and commercial recycling; however, compliance is dependent upon the resources available.

Mr. Weinstein was curious if Ms. Yoezle thought bringing waste to a waste-to-energy facility or landfill was better for the environment. She responded that there are mixed opinions, as both have pros and cons.

Ms. Yoezle stated they are capable of separating the glass from other materials. Eddie Marcano, Waste Management, added that contamination with non-recyclables such as clothing and plastic bags are a major problem - those items are removed and end up in a landfill. Mr. Marcano advised that waxed cardboard and aluminum foil are not recyclable. He also said that they pick up used nursery pots in bulk and recycle them in bales. Glass is being crushed at the MRF and then taken to another facility.

Mr. Swalley commented that it would be helpful for residents of multi-family dwellings to have incentives for recycling.

Mr. Marcano stated that glass and foam have end-use challenges (what to do with them).

Ms. Weinstein wondered what becomes of waste picked up by knuckle-boom trucks/bulk pick ups. Mr. Marcano thought they go to the Sun Bergeron disposal site. Ms. Schaefer believed they have a way to separate out yard waste.

5.2 Manure Composting and Compliance with the DEP Requirements by Eddie Marcano of Waste Management

Mr. Marcano stated that the major DEP requirement is that manure cannot be stored on the ground, since it would get into the drainage lines. He continued that Waste Management has a manure program with

Pompano, providing containers for collection and the manure goes into road-fill at one of their facilities. They are exploring ways to use manure in the biodigester program.

Mr. Marcano commented that all the manure they pick up goes to their facility in Okeechobee, but they do not yet have a curbside pickup for organics. Ms. Munson mentioned the “hobby farms” in Davie that have to deal with the manure and wondered what the best solution for that is. Mr. Weinstein was curious if Waste Management would be able to collect and use manure for the environment if the Town had locations for manure disposal. A short discussion ensued about various ways residents could dispose of manure for pickup. The possibility of a recommendation on the subject to the Town Council was entertained.

Mr. Marcano said their company now picks up manure at the Pompano Race Track, but has not done residential or municipal. Mr. Busey recommended finding out if that has been done anywhere. Mr. Marcano clarified that the manure used for the surface is at a landfill liner only.

Mr. Busey was curious if a survey had ever been done in Davie to determine the density of manure, and Ms. Munson thought it had not. The issue of manure entering the canals was addressed; however, the problem was not solved. It is up to each person at this point to contain the manure on their property.

Discussion ensued about the phosphate production arising from manure, with the comment being made that dried manure does not promote phosphate bloom.

It was suggested that the Committee hear a presentation from a representative from the Broward County DEP about the risks of concentrations of manure being left on the ground.

Discussion ensued about the use of glass as a landscaping mulch.

7. NEW BUSINESS *(taken out of order)*

7.2 Davie Green Website Update

Ms. Bazinet introduced Louisa Wright, Office of Sustainability summer intern, who has been updating the Davie website.

Ms. Wright gave a presentation on the website, with highlights as follows:

- Changed name from “Davie Green” to “Sustainable Davie”

- Help in transition from a green-supporting town to a sustainability-committed community
- Website is now more user-friendly and divided into 10 categories:
 - Town Initiative
 - Awards and Recognitions
 - Agriculture and Equestrian Life
 - Sustainability Action Plan
 - Community Outreach
 - Trails
 - Recycling
 - Water Conservation
 - Energy and Air Quality
 - Transportation

- Now looking for suggestions for a concept to present to the Town Council

Ms. Bazinet discussed the recycling rewards program, describing the rewards and classes available.

Mr. Swalley requested that the South Florida Sustainability Guide be at the forefront on the web page. He suggested adding an inventory of the livestock in Davie and an action plan for that.

Ms. Wright assured the Committee there would be information on hurricane preparedness for horses.

Ms. Bazinet stated that before they take the new menu item on the website live, they will allow the Committee to review it.

Discussion ensued about various ways the manure can be picked up. It was noted that they need to find out how much manure there is and where it is; they also need to know the costs involved from the Waste Management perspective. Ms. Schaefer suggested reaching out to the equestrian community for answers on the manure.

Motion made by Mr. Weinstein, seconded by Ms. Munson, to recommend to the Town Council that the Committee solicit an estimate on how much it would cost to take straight manure per cubic yard or by the ton, however garbage is quantified. The motion was not brought to vote.

Ms. Bazinet will get the necessary information (options) from Waste Management for the next meeting. Information was also requested on the availability and/or cost of a centralized area for the pickup. It was mentioned that the Town does not have to concern itself with what to do with the manure - Waste Management has the biodigester to use it.

[At this point, the Committee returned to Agenda Item 6]

6. OLD BUSINESS

6.1 Manure Solutions, Biodigester and Mulch Options (already addressed)

6.2 Climate Change and Sea Level Rise (deferred because Vice Chair Kaltman was absent)

6.3 Agritourism

Ms. Schaefer observed that “everybody” is fighting to stop development in Davie, but so far there have not been any viable alternatives. She suggested that Davie would be a “natural” for urban farming. It was noted that farmers do not necessarily want to own the Town’s land due to the prohibitive cost. Ms. Schaefer continued that urban farming could be integrated with multi-family or single family housing developments - the farmers could lease the farm land from the community.

Ms. Munson said that the Davie agricultural program for children would participate in such an arrangement. She continued that Scooby’s and the Treehuggers are looking for additional land. It was noted that the process for farmers to lease land from the Town could be made easier. Mr. Weinstein asked if Mr. Holste could be invited to the next meeting.

There was a brief discussion about what criteria should be used for selecting farmers to lease the land, such as past performance, program participation, soil management, etc.

Motion made by Ms. Schafer, to ask Mr. Holste to provide the Committee with answers to questions about leasing farmland and offer advice about criteria. Motion died for lack of a second.

Ms. Bazinet said she will contact Mr. Holste.

The history of the bidding process for the leasing of Batten's Farm was discussed, along with the level of the project's success.

Ms. Munson felt it was a shame that the Town has a lot of open space that is not being offered for use by people who could work it.

7. NEW BUSINESS (*resumed from earlier in the meeting*)

7.1 Quorum Rules

Ms. Bazinet reiterated that a quorum consists of six members.

8. ITEMS FOR NEXT AGENDA

The following items were noted:

- Calendar for meetings
- Agri-tourism - Mr. Holste (will be invited)
- Manure Solutions - options from Waste Management
- Climate Change

Ms. Bazinet reminded the Committee that the next meeting would be October 2, 2014.

Ms. Schaefer advised she would be out of town on October 2 and asked to be excused.

Mr. Swalley mentioned they still need two more members.

9. COMMENTS AND/OR SUGGESTIONS

Chair Parrish wished to know the level of arsenic in the soil at Batten's Farm now after having the ferns growing there. He suggested having a list on the website of plants/trees that absorb run-off water faster and filter it, such as bald cypress. He recommended shade trees on the perimeters of horse property.

10. PUBLIC COMMENTS

11. ADJOURNMENT

Hearing no further business, Chair Parrish adjourned the meeting at 6:30 p.m.

Date approved

Chair/Committee Member