



CITY OF MIAMI SPRINGS, FLORIDA

The **Ecology Board** met in Regular Session at 7:00 p.m., on Tuesday, March 27, 2012 in the Council Chambers at City Hall.

1) Call to Order/Roll Call

The meeting was called to order at: 7:15 p.m.

The following were present:

Chairman Martin Crossland
Vice Chair Wendy Anderson-Booher
Ann Trina Aguila
Carl Malek (Arrived at 7:24 p.m.)

Also present:

Assistant Public Works Director Robert Williams
Board Secretary Elora R. Sakal

2) Approval of Minutes

Minutes of the February 28, 2012 were approved as written.

Vice Chair Anderson-Booher moved to approve the minutes. Board member Aguila seconded the motion which was carried unanimously on voice vote.

3) Old Business: None.

4) New Business:

a) Discussion Regarding Collected Data on Recycling to Submit to Council

Chairman Crossland distributed copies of his research (attached for the record) and explained that he went to two cities and a recycling company. He noted that he is looking for people who are very passionate about recycling and found Dulce Panteleon from the City of Doral and Scott Davis.

Assistant Public Works Director Williams stated that he knew Scott Davis very well.

Chairman Crossland commented that by the year 2020, the state will require that 75% of the municipal solid wastes should be recycled. The board's next topic would be composting and with recycling and composting, the City would be able to reach the 75% goal.

Chairman Crossland said that K-12 schools will also have to follow the 75% rule by the year 2020. The City of Doral is already going to schools to promote recycling.

Board member Aguila distributed copies of her research (attached for the record) and stated that she made phone calls to Florida International University (FIU) and was given the prices on four different shaped containers for recycling. She especially liked the large bottle shaped receptacle. She explained that it costs \$45 and a logo can be made and placed around the receptacle. Sand bags would go on the bottom of it to secure it from falling over.

Assistant Public Works Director Williams mentioned that the price is great for the large bottle shaped receptacle, it would draw people's attention and there is no mistaking its purpose.

Chairman Crossland said that these bottle shaped receptacles could be placed right next to garbage cans so that there is no confusion and people would know exactly what it is for. He noted that it would be great to have these receptacles at the Golf Course and Recreation Center.

Assistant Public Works Director Williams advised the board members that the City added the clause to the contract that recycling must be provided when a special event is held.

To answer Chairman Crossland's question, Assistant Public Works Director Williams replied that once the application comes in he will go to the site to make sure the bins are set up properly and at the end of the event he will make sure the recycling company has complied with what they are supposed to do.

Chairman Crossland asked if the recycling company has to remove the recycled materials and Assistant Public Works Director Williams responded that they do have to remove the materials.

Board member Malek arrived at this time.

Assistant Public Works Director Williams brought an example of a recycling bin. He noted that he went to look at the recycling bins in the area and realized that they were not noticeable or properly marked. He said that the recycling bin can be placed indoors and will have the city logo on it and will be properly marked so that people know that the bin is for recycling only.

Assistant Public Works Director Williams explained that he will be placing two of the recycling bins at each facility and will educate Public Works on how to use them. At the end of every night or when the bin is full, Public Works will take it to the recycling dumpsters outside and empty it in that bin and then that bin will be taken to the curb.

To answer Board member Aguila's question, Chairman Crossland replied that Waste Management hauls away the recycling from the dumpsters.

Chairman Crossland stated that he was at the Senior Center today and saw that there were three receptacle bins.

Assistant Public Works Director Williams clarified that the bins at the Senior Center are not in the correct place and he is going to relocate them. There needs to be more signage advising of the recycling bins.

Chairman Crossland asked if there was going to be recycling bins at the Golf Course and Assistant Public Works Director Williams replied that they are going to be at every facility.

Board member Malek asked if the recycling bins could be placed in the schools and Vice Chair Anderson-Booher responded that permission would have to come from the County.

Vice Chair Anderson-Booher commented that there are recycling containers at the High School in the Library. It is up to the teachers to enforce recycling. She noted that in individual classrooms teachers take it upon themselves to recycle.

Chairman Crossland stated that every classroom should have a blue recycling bin so at least the paper can be recycled.

Board member Aguila said that there should be a recycling bin by the copy machines.

To answer Chairman Crossland's question, Assistant Public Works Director Williams replied that shredding creates more space and it would be easier.

Assistant Public Works Director Williams explained that all City facilities have a shredder not too far from the copier and employees can shred their paperwork and then the cleaning company takes the shredded material and puts it in the recycling bin.

Vice Chair Anderson-Booher commented that she spoke with someone at the Ft. Lauderdale Airport regarding their recycling bins and is trying to get the price and information on the bins. She also researched two websites and found two types of containers. She spoke with Waste Services Inc. (WSI) and obtained information regarding a 30 cubic yard container that can hold anything from bottles, cans, paper and cardboard.

Assistant Public Works Director Williams clarified that the City uses WSI.

To answer Board member Aguila's question, Assistant Public Works Director Williams replied that he is going to be placing recycling bins at all of the parks.

Vice Chair Anderson-Booher commented that it will be great once the signage is in place and it will make a big difference.

Board member Malek suggested getting businesses involved and seeing if they would be interested in having recycling bins in front of their buildings.

Assistant Public Works Director Williams thanked City Manager Gorland for his support.

The Ecology Board agreed and also thanked City Manager Gorland for his support and help.

Board member Malek was not able to bring the paperwork regarding the C.U.T.E project.

Chairman Crossland clarified that he was supposed to come up with a collated report of everything that was gathered for the recycling bins and he asked Assistant Public Works Director Williams if it was still necessary.

Board member Aguila suggested that Chairman Crossland should still come up with a collated report.

Vice Chair Anderson-Booher said that she would e-mail Chairman Crossland the information she collected so he can put all of the information together for the report.

Chairman Crossland stated that one of the next projects he would like to implement would be to replace all the newspaper stands with one big newspaper container that can hold all the newspapers and eliminate the multiple newspaper containers.

To answer Chairman Crossland's question, Assistant Public Works Director Williams responded that the Board would have to go to City Council for that project.

Chairman Crossland asked if Assistant Public Works Director Williams had anything to say regarding composting.

Assistant Public Works Director Williams explained that if the board wants to get involved with composting they will need to locate a site to compost. The issue with composting is that everyone thinks it is a wonderful idea as long as it is not near their home. Finding a site for composting is going to be a challenge.

Board member Malek remembered that there was a compost area on Ludlam and Royal Poinciana.

Assistant Public Works Director Williams clarified that a neighbor began to complain that the compost was creating ticks, fleas and rodents.

Board member Aguila remembered that Fairchild Garden had a compost area and it was walled in and she asked if the compost on Ludlam was walled in.

Assistant Public Works Director Williams replied that it was not walled in. He noted that Fairchild Garden's composting was constantly being used on a rapid basis and when the compost sits for a long period of time that is when it begins to attract pests.

Discussion ensued regarding composting and associated issues.

Assistant Public Works Director Williams stated that he will report back to the Board as he progresses along.

Vice Chair Anderson-Booher thanked Assistant Public Works Director Williams for all of his help and for bringing in the recycling bin.

6) Adjournment

There was no further business to be discussed and the meeting was adjourned at 7:44 p.m.

Respectfully Submitted,


Elora R. Sakal
Board Secretary

Approved as written during meeting of: April 24, 2012

Words ~~-stricken through-~~ have been deleted. Underscored words represent changes. All other words remain unchanged.

“The comments, discussions, recommendations and proposed actions of City Citizen Advisory Boards do not constitute the policy, position, or prospective action of the City, which may only be established and authorized by an appropriate vote or other action of the City Council”.

REPORT ON RECYCLING

I investigated Florida State Regulations regarding Recycling:

I contacted and visited:

City of Doral (visit)

City of Miami Shores (phoned)

Town of Miami Lakes (phoned)

Recyclable Planet (visit)

Conversation with Jeanmarie Manza Massa of Miami-Dade Solid Waste Management

Florida State Regulations regarding Recycling

The Legislature finds that the failure or inability to economically recover material and energy resources from solid waste results in the unnecessary waste and depletion of our natural resources. As the state continues to grow, so will the potential amount of discarded material that must be treated and disposed of, necessitating the improvement of solid waste collection and disposal. Therefore, the maximum recycling and reuse of such resources are considered high-priority goals of the state.

By the year 2020, the long-term goal for the recycling efforts of state and local governmental entities, private companies and organizations, and the general public is to recycle at least 75 percent of the municipal solid waste that would otherwise be disposed of in waste management facilities, landfills, or incineration facilities.

Each state agency, K-12 public school, public institution of higher learning, community college, and state university, including all buildings that are occupied by municipal, county, or state employees must, at a minimum, annually report all recycled materials to the county using the department's designated reporting format. Under the program, recyclable materials shall include, but are not limited to, metals, paper, glass, plastic, textile, rubber materials, and mulch.

Components of the program shall include, but are not limited to:

Programs for municipalities and counties to develop and implement efficient recycling efforts to return valuable materials to productive use, conserve energy, and protect natural resources.

Programs by which the department can provide technical assistance to municipalities and counties in support of their recycling efforts.

Programs to educate and train the public in proper recycling efforts.

Evaluation of how **financial assistance** can best be provided to municipalities and counties in support of their recycling efforts.

Phone call to the Town of Miami Lakes.

I was informed by the city clerk that presently all solid waste is still processed by the county, hence the town has no official recycling program as of this moment

Visit to City of Doral.

Dulce Pantaleon, Public Works Project Coordinator. 305-593-6740 – ext. 6010

This city has its recycling in perfect order. All city employees have two waste baskets by their desk, one for recycling paper and one for general waste. There are recycling containers for glass, metal and plastic at all the places where staff congregates (cafeteria). Outside in the streets and at all public parks, recycling containers are placed beside the general waste containers. Both containers are exactly the same, but the recycling one has a green stripe stating "We Recycle" and a restricted top for bottles, cans and plastic.

Dulce also collects batteries and used CDs from staff members. This is processed through E-Scrap.
<http://www.esrapusa.com/>

It should be noted that the recycling containers that will be emptied by the waste collection truck are **NOT** left outside of the buildings where less knowledgeable or color-blind people can throw in ordinary trash, but are taken out only on collection days.

Dulce is also working in extending the recycling program to local schools within the City of Doral.

Dulce tells me that the city is holding an Ecology Fair from 10 to 2 on Saturday 21st. April.

The secret to success at Doral is to have a passionate recycler to direct the project.





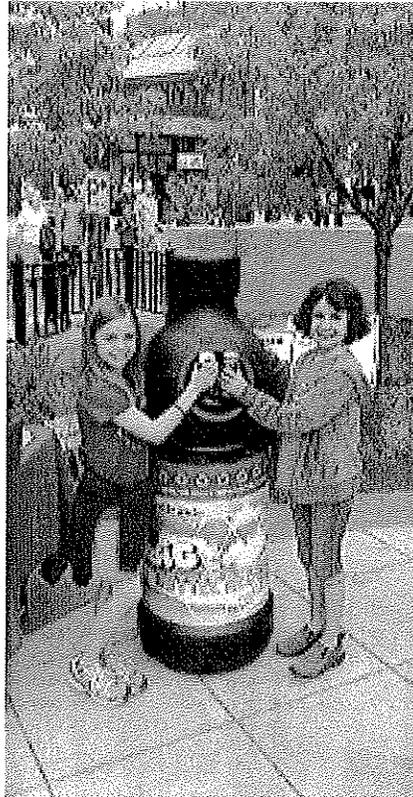
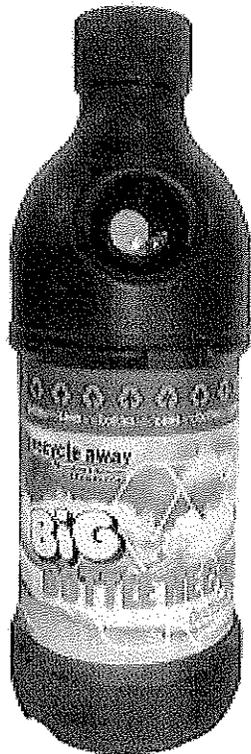
Phone call to Scott Davis, Public Works Manager at the Village of Miami Shores. 305-795-2210

One of the first local communities to "Go Green" with curbside recycling.

Similar to Doral, all city offices and facilities practice recycling. Unlike Doral, Miami Shores uses recycling bins purchased from Recycle Away shaped like plastic bottles. As we all know, people have to have instant recognition of recycle containers so they are not used for general garbage, and must be placed side by side with regular garbage containers. The bottles are used for public areas such as the Recreation Center and sports fields. These are especially attractive for children. The contents are then taken to public works where they are transferred to the regular recycling containers that are picked up by Waste Management. Cost per bottle is US\$ 89.00.

Recycle Away has the largest selection of recycling containers I could find, at all prices. They advised me that they would be happy to help advise in setting up a city-wide recycling system.

The secret to success at Miami Shores is to have a passionate recycler to direct the project.



Visit to offices of Recyclable Planet. Carlos Cuevas, Founder and CEO. 305-328-9533

Recyclable Planet is an office based in Mid Town Miami which markets unique high quality Reverse Vending Systems.

The Recyclable Planet recycling program consists in the installation of their **green machines** in schools, supermarkets, golf courses, recreation and community centers, sport venues, parks, churches and recycling centers, helping to create and maintain a recycling culture in our communities.

Each time someone deposits a plastic bottle and/or aluminum can in the green machine; the machine will give a ticket with a unique code that will give an opportunity to win gift cards, prizes, offers and coupons from their sponsors that can use in all their local and nationwide establishments.

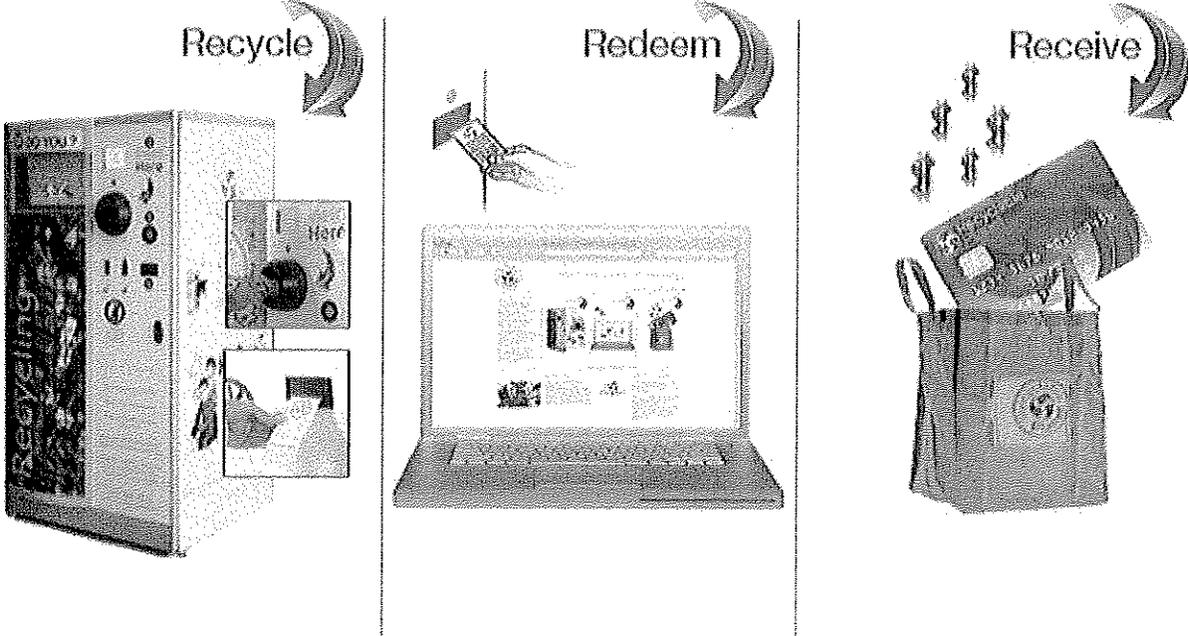
Once the account is registered, recyclers will be able to choose a preferred non-profit organization and Recyclable Planet will donate to them thanks to their recycling efforts.

We live in a Recyclable Planet. Educate, motivate, recycle, donate and be rewarded.

Identified Recyclable Planet's personnel will collect the recyclable pet bottles and aluminum cans and will transport them to our recycling center. They will prepare the recyclable material properly to be sold to different recycling plants.

Sponsors will be able to advertise on the back lighted billboard, through the HD video screen in each Recyclable Planet reverse vending system and online through recyclableplanet.com.

They also offer a consulting service which will guide the institution into an effective and economic recycling program. This would include motivating recycling behavior in the community by education at municipal offices, schools, churches, recreation and community centers.



Conversation with Jeanmarie Manza Massa of Miami-Dade Solid Waste Management 305-514-6631

Jeanmarie is one of the most passionate recyclers I have met. She has given talks on recycling in Miami Springs previously. She has given me a contact of Luis Vargas at Miami-Dade Waste Management who will be able to assist and advice in respect to a recycling program in Miami Springs. I am awaiting his phone call.

F.I.U.

Contact person in Purchasing: Joe Nuninga
305 348 4634

96 gallon toter

Price-- \$60

made by the company—Otto

Plastic box

Price \$100

made by the company—Recyclingbins.com

Metal box

Price-- \$225

made by the company—Rubbermaid

Large Bottle Shaped

(secure with sandbags in the bottom; used outside at athletic events)

Price-- \$45

made by the company—pfinnovation.com

