

Resource Recovery Board

Chair: Commissioner Ilene Lieberman, Broward County Board of County Commissioners

Vice Chair: Commissioner Peter Bober, City of Hollywood

Commissioner Ron Dearing, Jr.-Coconut Creek • Vice Mayor Roy Gold-Coral Springs • Mayor Eric M. Hersh-Weston • Mayor Jim Naugle-Fort Lauderdale
Commissioner Joseph Scuotto-Sunrise • Commissioner Frank Talerico-Margate • Vice Mayor Layne Dallett Walls-Oakland Park

Executive Director: Ron Greenstein **Counsel:** Eugene M. Steinfeld

AGENDA

RRB Technical Advisory Committee Meeting

Friday, June 8, 2007 at 9:30 a.m.

Broward County Governmental Center West

2nd Floor Hearing Room

1 North University Drive

Plantation

(See attached instructions)

- I. Roll Call (5 min.)
Technical Advisory Committee
- II. Approval of Minutes - May 4, 2007 TAC Meeting (5 min. - AI) (p. 4 - 12)
Elle Ciccone, Recording Secretary
- III. Statement of Meeting Objectives (5 min.)
Brad Kaine, Chair, Technical Advisory Committee
- IV. RRB Executive Director Report (15 min.)
Ron Greenstein, RRB Executive Director
- V. RRB Legal Counsel Report (15 min.)
Eugene M. Steinfeld
- VI. Strategic Plan Subcommittee Reports (15 min. ea. – DI/AI)
 - Infrastructure Subcommittee (p. 13)
Brad Kaine, Chair
 - Programs Subcommittee (p. 14 - 15)
Troy Gies, Chair
- VII. Ad hoc Subcommittee Report (15 min. ea.)
TAC-MRF Ad hoc Subcommittee
John Benton, Chair
- VIII. Old Business (20 min. – DI/AI)
- IX. New Business (30 min. - DI/AI)
 - Subcommittee Chair Appointments and Municipal Appointments
 - Rescheduling of TAC Meeting Dates (Action Item) (p. 24)
 - Additional Committee Chairs
- X. Informational Items (5 min. DI)
 - Staff Reports
 - Electronics Recycling Program - FY 2007 2nd Quarter (p. 16 - 22)
 - Update on Pre-hurricane Yard Waste Program
 - Ash Monofill Update (p. 23)

NOTE:

Total meeting time limited to 2 hours. Time extensions to be approved by majority vote. Items not covered prior to adjournment will be carried to the next regular scheduled meeting.

AI = Action Item
DI = Discussion Item



Next RRB Meeting - July 19, 2007

Next TAC Meeting - July 6, 2007

XI. Adjournment

TAC Meeting
June 8, 2007 - 9:30 a.m.
Broward Government Center West
1 North University Drive, Plantation
2nd Floor Hearing Room

Instructions:

Broward Government Center West is located on the NW corner of University Drive and Broward Boulevard in Plantation.

The parking garage is available at no cost. Please do not park in any spaces marked NBC.

Please go to one of the Security Desks when you enter the building. You will be required to present picture ID and wear a visitor's badge.

The Hearing Room is accessible through either set of double doors on the second floor.

Please sign in upon entering the Hearing Room. There will be two clipboards with sign-in pages - one for TAC Members and the other for non-members.

Thank you.

MINUTES
RRB TECHNICAL ADVISORY COMMITTEE
BROWARD COUNTY
GOVERNMENT CENTER WEST
Friday, May 4, 2007

MEMBERS

PRESENT: Brad Kaine, Newly elected Chair, City of Weston
Troy Gies, Newly elected Vice Chair, City of Tamarac
Tom Good, Outgoing Chair, City of Miramar
Raj Verma, City of Coconut Creek
Carl Miller, Cooper City
Richard Michaud, City of Coral Springs
Susan Dean, Town of Davie
Cheryl Miller, Alternate, City of Deerfield Beach
Greg Slagle, City of Fort Lauderdale
Greg Turek, City of Hollywood
John Olinzock, Alternate, Town of Lauderdale-by-the-Sea
Chris Van Vliet, Alternate, City of Lauderdale Lakes
Lurleen Evans, City of Lauderhill
Mary Pryde, Alternate, City of Lighthouse Point
Reddy Chitepu, City of Margate
Dave Womacks, City of Oakland Park
Todd Larson, Town of Pembroke Park.
Harry Cruz, City of Sunrise
Bob Taylor, Alternate, City of Wilton Manors
John Benton, Unincorporated Broward County
Rhonda Calhoun, Broward League of Cities
Robert Jindracek, Broward County School Board
Michael Savino, Eco Waste/Public Waste
Hunter Varnedoe, All Service Refuse

MEMBERS

ABSENT: Diane Patanelli, Alternate, Cooper City
Mario Reboa, City of Deerfield Beach
Casey Eckels, Alternate, City of Fort Lauderdale
Vacant, Town of Hillsboro Beach
Oscar Petty, Alternate, City of Hollywood
Bill Mason, Town of Lauderdale-by-the-Sea
Manny Diez, City of Lauderdale Lakes
Vacant, Village of Lazy Lake
Art Graham, City of Lighthouse Point
Gregory Gomez, Alternate, City of Oakland Park
Mike Shields, City of North Lauderdale
Vacant, City of Plantation
Vacant, Village of Sea Ranch Lakes
Malini Siew-Narine, Town of Southwest Ranches
Diane Phillips, Alternate, City of Tamarac
Vacant, City of West Park
David Archacki, City of Wilton Manors
John Albert, Waste Management, Inc.

ALSO

PRESENT: Eugene Steinfeld, Legal Counsel, RRB
Sean Henderson, City of Lauderhill
Jerry Motter, ARC Broward
Vicki Elizabeth, Choice Environmental Services
Tracy Tinker, FSR Hauling
Sandy Gutner, Malcolm Pirnie, Inc. (MPI)
Anthony Montesano, Southern Waste Systems
Andy Plucinski, Southern Waste Systems
Graceanna Henderson, SP Recycling
Mary Beth Busutil, WRS Director
Jeff Turpin, WRS Assistant Director
Peter Foye, WRS/RCAD Director
Ram Tewari, WRS/SWOD Director
Notosha Austin, WRS/RCAD
Phil Bresee, WRS/RCAD
Steve Kasselakis, WRS/RCAD
Richard Meyers, WRS/SWOD
Christine Pointer, WRS/RCAD
Odette Reza-Brown, WRS/ADMIN
Troy Robert, WRS/RCAD
Elle Ciccone, WRS/ADMIN, Recorder

I. CALL TO ORDER

Before the arrival of Tom Good, TAC Chair, and in the absence of a TAC Vice Chair, the meeting of the Resource Recovery Board Technical Advisory Committee was called to order by Richard Michaud, City of Coral Springs, and Senior TAC Representative, at 9:50 a.m. on May 4, 2007 at Broward County Government Center West. Roll call was taken and a quorum was present.

II. APPROVAL OF MINUTES

MOTION was made to accept the minutes of the April 13, 2007 TAC meeting and seconded for discussion.

Carl Miller, Cooper City TAC Representative, said that a copy of the objectives from the June 2006 Trash Summit that he submitted at the end of the last TAC meeting should have been included as an attachment under “New Business.” He said the minutes needed to emphasize that a time line is needed to get these issues squared away. Mr. Michaud restated that Mr. Miller’s submission should be part of the record. (The document, the ***Broward County Trash Summit Policy Statement***, may be accessed on the Waste and Recycling Services website - broward.org/waste. Go to *Agendas, Documents, Archives*, then *Documents* and it will be listed under *Technical Advisory Committee*. The document may also be found as an attachment to the August 24, 2006 RRB Agenda.)

The minutes were approved as amended.

STATEMENT OF MEETING OBJECTIVES

Mr. Michaud told the members that the Chair was running late and had requested that any action items on the agenda be deferred until his arrival.

Members stated that they did not know the names of the nominees for Chair or Vice Chair, or even if they would accept the nominations. Mr. Michaud suggested they defer questions regarding that issue until the arrival of Mr. Good.

Brad Kaine, City of Weston TAC Representative, advised the group that County staff had requested that the names of the nominees be distributed to the TAC Committee, but that the Chair had declined.

(Mr. Good arrived and the gavel was passed to him.)

Mr. Good expressed his appreciation to the members for allowing him to serve as Chair for the past four years.

He said he would like to do one last act as Chair, before moving on to the elections. He presented a Certificate of Appreciation, signed by himself and the RRB Executive Director, to Elle Ciccone, WRS Senior Division Administrative Assistant and TAC Recorder, thanking her for her dedication and support.

He then told the members that after the elections, he would turn this day's meeting over to the new Chair and would need to leave the meeting for another commitment.

Discussion followed and the Chair was asked why the members were not given the names of the nominees earlier and complained that they had no idea who the nominees were or what their goals for TAC included.

Mr. Good explained that he was following the TAC By-laws which state that at this meeting, the TAC Chair and TAC Vice Chair would be introduced.

Mr. Eugene Steinfeld, RRB Legal Counsel, was asked if there was something in the rules that states the names could not be given out before the meeting. Mr. Steinfeld responded, "There is nothing in the rules that says when nominations take place, it simply says that the Chair and Vice Chair shall be elected every two years at the May meeting by voice vote of the Committee members – that is all it says."

Mr. Good reminded the members that there was much discussion at the last TAC meeting regarding how to handle the vote, and it was made very clear that everything was going to be on the table at this day's meeting.

IV. ACTION ITEM - Election of TAC Chair

Mr. Good read the names of the nominees for TAC Chair:

- John Benton, Unincorporated Broward County
- Rhonda Calhoun, Broward League of Cities
- Brad Kaine, City of Weston
- Rich Michaud, City of Coral Springs

Mr. Kaine and Mr. Michaud accepted their nominations and Mr. Benton and Ms. Calhoun declined. The floor was opened for additional nominations and there were none. Mr. Kaine and Mr. Michaud each made brief statements including their goals for TAC. The two candidates then decided to leave the room during the vote.

Mr. Steinfeld clarified that a motion would be required if a vote was taken on the candidates one at a time, in order to determine who would be first; however, if a roll call vote was taken and members each stated the name of the candidate of their choice, a motion would not be necessary.

A roll call vote was taken and Mr. Kaine won the election by a majority vote. Mr. Kaine and Mr. Michaud were asked to return to the room and Mr. Kaine was congratulated.

V. ACTION ITEM - Election of TAC Vice Chair

Mr. Good read the names of the nominees for TAC Vice Chair:

- Troy Gies, City of Tamarac
- Richard Michaud, City of Coral Springs
- Mike Savino, ECO/Public Waste
- Dave Womacks, City of Oakland Park

Troy Gies, City of Tamarac, accepted the nomination and Mr. Michaud, Mr. Savino and Mr. Womacks declined. Mr. Good opened the floor to additional nominees and there were none. Mr. Troy made a brief statement.

Mr. Kaine made the motion that Mr. Gies become the TAC Vice Chair. Mike Savino, Non-Municipal TAC Member, seconded the motion and the members unanimously voted to accept Mr. Gies as the new TAC Vice Chair.

Mr. Gies was congratulated and Mr. Good passed the gavel to Mr. Kaine.

(Mr. Good left the meeting.)

VI. RRB EXECUTIVE DIRECTOR REPORT

In the absence of Ron Greenstein, RRB Executive Director, Mr. Steinfeld spoke on his behalf, congratulating the new Chair and Vice Chair. He told the new Chair that he would probably be asked to give a presentation at the next RRB meeting to explain the function of TAC.

The next RRB meeting is expected to start with a tour of the South Wheelabrator facility, followed by a luncheon at the Town of Davie. Mr. Steinfeld will seek clarification from Mr. Greenstein.

Mr. Steinfeld updated the members on a recent decision made by the Supreme Court regarding flow control. In the case of United Haulers Association v. Oneida-Herkimer Solid Waste Management Authority, the Court ruled in favor of municipalities. He said this could reverse the Carbone case that limited flow control because of intra-state commerce, since the ruling on the more recent case states that municipal facilities run by municipalities or counties are not subject to intra-state commerce. He expects this to alleviate a lot of lawsuits that might otherwise affect cities in the Resource Recovery System.

He said he is trying to put together a Resource Recovery System enforcement provision regarding flow control. He has written letters to the City Attorneys of the three cities that he believes have the biggest flow control problem - Fort Lauderdale, Pembroke Park, and Davie. He said the RRS is trying to come up with a source of individuals who can be utilized as witnesses or possibly as code enforcement officers to aid various cities in ensuring that there is no leakage.

Members were interested in learning what the new tipping fee will be and were told that Waste and Recycling would distribute that information to the members.

VII. STRATEGIC PLAN SUBCOMMITTEE REPORTS

Infrastructure Subcommittee

Brad Kaine, Infrastructure Subcommittee Chair and newly appointed TAC Chair, told the committee that the subcommittee had met on May 2, 2007. They determined that the most recent version of the Request for Expressions of Interest (RFEI) created by Malcolm Pirnie was acceptable, other than some verbiage and updating of some graphs and charts. Mr. Kaine requested that WRS make an outline of the RFEI that was prepared by Malcolm Pirnie, available to all TAC members so they may comment on it.

He said they discussed making the RFEI and related documents available online and through all types of publications in an attempt to reach the broadest possible audience.

Mr. Kaine told the Committee that the recommendation of the Infrastructure Subcommittee was that the RFEI be moved forward.

MOTION was made by Carl Miller, Cooper City TAC Representative, to accept the RFEI subject to the modifications and changes in the graphs and verbiage and any other comments that anyone may have in the next few days. The motion was seconded by Susan Dean, Town of Davie TAC Representative, and unanimously carried.

Mr. Kaine then told the members that since he and Mr. Gies were now the TAC Chair and TAC Vice Chair, that he would need to appoint new chairs to the Infrastructure and the Programs Subcommittees. He urged the interested members to contact him regarding these positions saying that he hoped to have the positions filled by the next TAC meeting. He said he will continue to act as the Infrastructure Chair in the interim.

Troy Gies agreed that the positions should be filled as soon as possible and that he would continue to act as the Programs Subcommittee Chair in the interim.

Mr. Kaine reminded the Committee that the Administrative Subcommittee was without a chair and that he also planned to have that position filled by the next TAC meeting.

Programs Subcommittee

Troy Gies, Programs Subcommittee Chair and newly appointed TAC Vice Chair, told the Committee that the Subcommittee had met on April 30, 2007.

He spoke briefly on the following topics:

1. MIXED PAPER AS PROGRAM RECYCLABLE
2. BEACH GLASS PROJECT / ADDITIONAL FUNDING REQUEST
3. E-CYCLING JPA
4. RRS BINS
5. MULTI-FAMILY RECYCLING PROGRAM UPDATE
6. RECYCLED PAPER POLICY
7. OUTREACH IN BROWARD COUNTY PUBLIC SCHOOLS REVIEW

He told the members that the minutes from the April 30, 2007 meeting were available at this day's meeting and that they included additional information about all of the above topics. The minutes will also be made available as an attachment to the June 2007 TAC Agenda.

Mr. Gies requested that the members update their Cities' contacts for recycle bins and include email addresses.

He said WRS has requested that cities contact them to hold remote electronics recycling events.

VIII. ACTION ITEM - Motion to approve additional funding for Beach Glass Project

Mr. Peter Foye, WRS/RCAD Director, brought the members up to date on the Beach Glass Project. He said it would require 3,000 tons of glass sand to proceed with the investigational stage of the project. The original idea was to send local glass to a facility for processing into sand and have it shipped back. That turned out to be much more expensive than simply purchasing the glass sand. The glass sand must meet certain specifications and the nearest clean source of the material is located in New Jersey.

Current issues include:

- How much will it cost if the material must be brought in from New Jersey?
- What are Waste Management's commitments regarding the production of the 3,000 tons and potentially moving forward in the future?
- Might a local company be interested in the production of glass sand that would meet the required standards?

Mr. Foye explained that proceeding with the project may mean \$850,000 for fiscal year 2008. The intention is to pursue partnerships with the state in order to share the costs, but that better facts are needed in order to write a grant application. The state requires proof that the glass sand is environmentally friendly.

It was decided that the Beach Sand Project would go back to the Programs Subcommittee and no motion was made.

IX. AD HOC SUBCOMMITTEE REPORT

TAC-MRF Ad hoc Subcommittee

John Benton, TAC-MRF Ad hoc Subcommittee Chair and the Unincorporated Area TAC Representative, told the Committee that a meeting was held on April 20, 2007, to continue discussion of the 6th Amendment to the MRF Agreement. One issue discussed was the recent submittals to Miami Dade County on processing of their recovery type material. Two or three of the vendors submitted what was known as a "flat net revenue" which takes out the 80/20 or the 70/30 and eliminates the processing fees and just guarantees a flat tonnage fee. He said he believed that Waste Management bid \$10.00 per ton and SP something like \$19.00 per ton for through the door - that's the bottom line number that you would receive back. He said the Subcommittee discussed the possibility of having staff go back and meet with Waste Management and see if the flat net revenue concept would be of benefit to the RRS, especially on extending the 6th Amendment past 2009.

Mr. Kaine said he concurred 100% with Mr. Benton - the concept should be evaluated and compared to the current option, especially since there were so many concerns about the transportation fee.

Mr. Kaine suggested that a motion be made to direct County Staff to reenter into negotiations with Waste Management/ Wheelabrator on that particular topic and try to reach some kind of agreement on the 6th amendment.

Mr. Steinfeld told the Committee that they could have a motion to recommend that negotiations resume, but ultimately, it would be the RRB's decision. He also told them that he did not know that the RRB had ever given instructions to stop negotiations.

Mr. Foye said he thought they could proceed with negotiations. He said that they wanted to keep TAC involved and that there are a couple of different options that might be worth investigating.

MOTION was made by Mr. Benton to direct staff back to the negotiating table with Waste Management and review the flat net revenue process, and bring back an analysis of the current concepts compared to the flat net revenue concept.

Mr. Kaine restated the motion made by Mr. Benton: the motion is made by John Benton, to reenter negotiations with Waste Management on a couple of new ideas - one including net revenue, to possibly discuss further issues on the 6th Amendment to reach an agreement. The motion was seconded by Greg Turek, City of Hollywood TAC Representative, and carried unanimously.

Mr. Benton then introduced a second action item on the 6th Amendment, telling the Committee that if they needed to move forward with a Request for Proposals (RFP), he thought that would need to be done by September of 2007. (See sample time line on page 19 of this day's agenda.)

Motion made by Mr. Benton to ask for that timeline to be adopted and date certain of September of 2007 to move forward with either a MRF individual collection by the cities - negotiations by each city with whoever they want to negotiate with - or

extending this 6th Amendment move forward with that. Motion was seconded by Mike Savino for discussion.

(Rhonda Calhoun left the meeting.)

After discussion, Mr. Benton withdrew his motion.

Mr. Foye explained to the group that if a decision was not made in September the opportunity to go through an RFP would be lost.

Mr. Benton restated his motion: For the Committee to accept the present sample timeline and use it to move forward in the direction to develop an RFP or to move ahead with the sixth amendment, whichever comes first.

Mr. Kaine then restated the motion: The motion is by John Benton to recommend to the Resource Recovery Board to accept the sample timeline for a new MRF or the extension of a sixth amendment, but those key dates obviously being critical, and it is seconded by Mike Savino. There were no objections or further discussion and the motion passed unanimously.

X. OLD BUSINESS

Interest was expressed in the possible availability of the Forman property, once it becomes vacant, as well as other likely locations that might be considered as possible system assets. Mr. Kaine said he will have some kind of answer regarding the Forman property by the next TAC meeting.

Ms. Dean suggested that all the cities start their mixed paper collection at the same time so they could have a campaign. Further discussion brought to light the fact that, although it may be advantageous for cities to start recycling the mixed papers at the same time, there are individual contracts between cities and haulers to be worked out. All Service was asked to try to expedite the process and Hunter Varnedoe said he would follow up with All Service.

XI. INFORMATIONAL ITEMS

Mr. Kaine pointed out that the May 17, 2007, RRB Meeting is being planned for the same week as the *Governor's Annual Hurricane Conference* and that many WRS staff and TAC members are scheduled to go to the conference. He said that many speakers are expected on the 17th.

Cheryl Miller asked if there was a definite day in July that the MRF would close and Mr. Bresee told her that he did not have an exact date.

Ms. Miller also thanked the WRS Staff because the City of Deerfield Beach had a very successful Earth Day.

Staff Reports

- MRF Report - FY 2007 2nd Quarter

Mr. Bresee referenced the MRF Report (please see pages 20 – 27 of this day's agenda) regarding mixed paper. He explained that a third recycle bin would not be required – residents would place the mixed papers with their newspapers - and that haulers would not need a third compartment in their trucks. He anticipated that this would be a rather simple transition that was expected to increase recyclables' revenues.

The following staff reports may be found as attachments to this day's TAC agenda:

- Waste Tire Program - FY 2007 2nd Quarter (p. 28 - 33)
- HHW Report - FY 2007 2nd Quarter and Earth Day Paint Event (p. 34 - 39)

New Business

Greg Slagle, City of Fort Lauderdale TAC Representative, told the group that the Solid Waste Authority in Palm Beach County (SWA.com) runs a similar operation to Broward County and asked if the Committee might be interested in inviting them down to do a presentation on their system to learn what they are doing and to compare their operation to Broward County's. He suggested that if that was successful, they may want to invite Lee County and possibly learn about other options. Mr. Kaine agreed with Mr. Slagle and said that they might be able to have them on the agenda for one of the next two TAC meetings.

Mr. Michaud informed the members that many years ago, Palm Beach County was an Independent District and went to Dependent District. The members expressed interest in learning about that.

Next TAC Meeting: June 8, 2007

Next RRB Meeting: May 17, 2007

XII. ADJOURNMENT

There being no further business to come before the committee at this time, the meeting adjourned at 11:44 a.m.

Resource Recovery Board

Chair: Commissioner Ilene Lieberman, Broward County Board of County Commissioners

Vice Chair: Commissioner Peter Bober, City of Hollywood

Commissioner Ron Dearing, Jr.-Coconut Creek • Vice Mayor Roy Gold-Coral Springs • Mayor Eric M. Hersh-Weston • Mayor Jim Naugle-Fort Lauderdale
Commissioner Joseph Scutto-Sunrise • Commissioner Frank Talerico-Margate • Vice Mayor Layne Dallett Walls-Oakland Park

Executive Director: Ron Greenstein **Counsel:** Eugene M. Steinfeld

MINUTES
TAC Infrastructure Subcommittee Meeting
May 2, 2007 - 2:00 p.m.
Broward County Governmental Center West
4th Floor Waste Wing
1 North University Drive
Plantation

CALLED TO ORDER: 2:10 p.m.

ATTENDANCE:

Chair: Brad Kaine, Weston
Richard Meyers, WRS/SWOD
Sandy Gutner, Malcolm Pirnie
Nicole Lynchbus, Malcolm Pirnie
Mary Beth Busutil, WRS Director
Jeff Turpin, WRS Assistant Director
Susan Dean, Davie
Lurleen Evans, Lauderhill
Phil Bresee, WRS/RCAD
Ram Tewari, WRS/SWOD Director
John Benton, Unincorporated Area

DISCUSSION ITEMS:

- Recommendations for RFEI document for TAC

MOTIONS:

- A motion was made by Susan Dean to approve recommendation of document with amended changes and send to TAC for final approval. Motion was seconded by John Benton. Motion approved unanimously.

ADJOURNMENT: 3:34 p.m.

MINUTES
RRB Technical Advisory
Programs Subcommittee Meeting

Monday, April 30, 9:30 a.m.
Broward County Government Center West
Fourth Floor Conference Room
1 North University Drive
Plantation, FL 33324

Attendance

Troy Gies, Chair;
Susan Dean, Sunrise;
Cheryl Miller, Deerfield;
Marnie Rosen, Deerfield;
John Benton, Unincorporated Broward/WRS
Sandy Gutner, Malcolm Pirnie

Holly Burton, Malcolm Pirnie
Phil Bresee, WRS/RCAD;
Odette Reza-Brown, WRS/ADMIN
Peter Foye, WRS / Director RCAD

ACTION AND DISCUSSION ITEMS

1. MIXED PAPER AS PROGRAM RECYCLABLE
 - a. Mixed paper is presently accepted at the MRF as a program material
 - b. WRS Staff reported that WM has stated it will collect mixed paper as a program recyclable and will not require contractual changes with Cities it services
 - c. Republic Services / All Service is reviewing this on a city-by-city basis and contractual changes / renegotiations may be required
 - d. Recommend to TAC Committee to determine which cities are now or will be collecting mixed paper

2. BEACH GLASS PROJECT / ADDITIONAL FUNDING REQUEST
 - a. Received a report from Phil Bresee regarding Beach Glass Project
 - b. Due to cost of transportation and production, non-Broward County glass source is being sought, to eliminate cost of double handling material
 - c. Additional funding in the amount of \$550,000 will be required beyond the \$300,000 recommended by this sub-committee and approved by TAC Committee
 - d. Additional funding for production and transportation of material and construction of test site
 - e. To date, approximately \$540,000 has been expended with approximately \$270,000 of that coming from grant resources.
 - f. Discussion by subcommittee members regarding overall value and merit of program, positive initial results, and other potential sources of funding.
 - g. Subcommittee voted unanimously in favor of increasing budget, with a request that additional funding sources, including State and Federal, continue to be aggressively sought.
 - h. Refer to TAC for consideration.

3. E-CYCLING JPA
 - a. Discussion regarding possible permanent locations for Electronics Recycling drop-off to augment current locations
 - b. WRS is looking to partner with cities to create more convenient locations and expanded hours of operation
 - c. Recommend to TAC to identify member Cities interested in participating

4. RRS BINS
 - a. Discussion regarding possibility of cooperative purchasing and distribution of curbside recycling bins
 - b. Bins would likely be a limited range of colors, with RRS Communities listed
 - c. Possibly significantly reduce cost of bins, standardize appearance throughout communities, and streamline placement of bins
 - d. WRS staff requested that member cities confirm the appropriate person / department is identified to respond to requests for Bins
 - e. The program subcommittee supports further development of this approach and requests individual communities support this process

5. MULTI-FAMILY RECYCLING PROGRAM UPDATE
 - a. City of Davie offered to share results of a survey of property managers, Associations, and residents; this material will be made available to subcommittee and TAC members at a later date.

6. RECYCLED PAPER POLICY
 - a. Original policy statement distributed and discussed
 - B. Subcommittee members in consensus that this should be part of a broader policy and will continue development of such policy

7. OUTREACH IN BROWARD COUNTY PUBLIC SCHOOLS REVIEW
 - a. WRS reported that as the program is being revamped, a completely different set of focus groups will be utilized to ensure positive improvements
 - b. Description / report of focus groups to be utilized will be distributed at a later date

Meeting adjourned at 11:40 a.m.



Public Works and Transportation Department – Waste and Recycling Services
RECYCLING AND CONTRACT ADMINISTRATION DIVISION
1 North University Drive, Suite 400 • Plantation, Florida 33324 • 954-765-4202 • FAX 954-577-2390

MEMORANDUM

To: Chair and Members, Technical Advisory Committee

From: Steve Kasselakis, Contracts/Grants Administrator II

Thru: Phil Bresee, Recycling Program Manager

Date: April 21, 2007

RE: Electronics Recycling Program Report – FY 2007 2nd Quarter Report

This memorandum summarizes electronics recycling program activities for the 2nd quarter of FY 2007. Associated program spreadsheets detailing program activities with supplemental maps are attached.

ARC Broward continues to perform electronics recycling services under contract with Waste and Recycling Services, enhancing established drop-off services at the North and South Trash Transfer Stations and concurrently at HHW special events. An additional electronics recycling only event was held in March of 2007, as part of WRS' Earth Day Program. Electronics can also be delivered to the BIC Landfill and directly to ARC Broward's facility in Sunrise.

FY 2007 2nd Quarter Program Details:

More than 232,000 lbs. of End-of-Life (EOL) electronics and 18,000 lbs of lead were recovered in the 2nd quarter of FY 2007, representing a 28% increase in total pounds collected and 36% increase in lead removed from the 2nd quarter of 2006. The quarter experienced increased levels of EOL computer monitors and large television sets which increased overall weight and lead recovered proportionally. Over 2,500 residents, small businesses and local government agencies participated in the Electronics Recycling Program.

- **Residential Participation** – In all, 2,495 Broward County residents participated in the program an all time record for quarterly participation. Residents disposed of 175,659 lbs. of EOL electronics, an increase of 46% from the 2nd quarter of FY 2006. These included 1,943 monitors, 1,645 CPUs, 790 TVs and 1,221 printers and faxes, 789 pieces of telecommunications equipment and 330 copiers. Additionally, a total of 13,665 lbs of lead was collected and removed from the waste stream a 53% increase from the 2nd quarter of FY 2006.

Residents from non-ILA cities continue to participate in the residential program. Their cities are charged back for their portion of the program usage by WRS on a quarterly basis.

- **Governmental Participation** – Government agencies utilized the program a total of 28 times, some utilizing the services on multiple occasions. Recovered materials included 606 monitors, 431 CPUs, 269 printers and faxes, 62 televisions and 23 copiers. Total pounds collected were 38,922 with estimated lead recovery from

these materials at 3,340 lbs.

- **Small Business Participation** – A total of 66 small businesses participated in the 2nd quarter of FY 2007 and accounted for 8% of the weight collected and 3% of the participation. The total weight of collections exceeded 17,000 lbs and included 249 monitors, 231 CPUs, 103 printers and faxes and 42 copiers. More than 12,000 lbs of lead are estimated to have been captured and removed from the waste stream from small business participation.

Program Special Events – As mentioned in the summary, a special electronics collection event was held in March 2007. The two day event was held in Best Buy in Plantation, as part of WRS' Earth Day. The event yielded a total of 324 users combined and recovered over 19,000 lbs. of material and 1,495 lbs of lead, which ranks it as the 2nd most successful special event held by WRS.

FY 2007 Contract Expenditures – Contractual services expenditures totaled \$84,614 during the 2nd quarter with year to date expenditures totaling \$151,341.

ATTACHMENTS (5)

- Attachment 1: Quarterly Residential Breakdown
- Attachment 2: Residential Monthly Summary
- Attachment 3: Government Agency Monthly Summary
- Attachment 4: Small Business Monthly Summary
- Attachment 5: BestBuy Participant Map

BROWARD COUNTY ELECTRONICS RECYCLING PROGRAM
RESIDENTIAL USER SUMMARY REPORT

SECOND QUARTER FY 2007

MUNICIPALITY	January 07	February 07	March 07	Quarterly Totals
	Users	Users	Users	Users
COCONUT CREEK	29	31	25	85
COOPER CITY	16	13	65	94
CORAL SPRINGS	75	155	57	287
DANIA BEACH	12	11	8	31
DAVIE	33	28	86	147
DEERFIELD BEACH	27	27	28	82
FORT LAUDERDALE	150	53	67	270
HALLANDALE BEACH	9	2	11	22
HILLSBORO BEACH	1	1	1	3
HOLLYWOOD	47	49	51	147
LAUDERDALE BY THE SEA	3	2	3	8
LAUDERDALE LAKES	3	1	3	7
LAUDERHILL	7	7	18	32
LAZY LAKE				
LIGHTHOUSE POINT	16	7	7	30
MARGATE	32	26	24	82
MIRAMAR	54	18	30	102
NORTH LAUDERDALE	5	5	9	19
OAKLAND PARK	20	7	22	49
PARKLAND	16	23	11	50
PEMBROKE PARK	2			2
PEMBROKE PINES	102	29	86	217
PLANTATION	37	44	109	190
POMPANO BEACH	52	40	39	131
SEA RANCH LAKES				
SOUTHWEST RANCHES	2	1	10	13
SUNRISE	17	42	64	123
TAMARAC	30	37	45	112
WEST PARK	15	13	20	48
WESTON	21	18	45	84
WILTON MANORS	10	4	6	20
UNINC BROWARD COUNTY	4	2	2	8
OTHER				
TOTALS	847	696	952	2,495

Electronics Recycling - Residential Participation

FY 2007	Participants	Monitors	CPU's	Printers/ FAX's	TV >19"	TV <19"	Telecom	Desk Copiers	Floor Copiers	Scrap in lbs.
October	470	391	299	262	106	44	122	36	4	1,829
November	718	596	518	290	149	65	221	56	7	2,716
December	665	481	383	345	140	73	145	64	9	1,562
January	847	725	552	424	170	104	308	95		3,064
February	696	469	395	338	171	72	162	106	1	3,035
March	952	749	698	461	185	88	319	121	7	3,767
April										
May										
June										
July										
August										
September										
Totals FY 2007	4,348	3,411	2,845	2,108	921	446	1,277	478	28	15,973
Weight		102,330	56,900	31,620	64,470	15,610	2,554	11,950	2,100	15,973
Total Weight of Lead	23,890									303,507

Electronics Recycling - Residential Participation

FY 2006	Participants	Monitors	CPU's	Printers/ FAX's	TV >19"	TV <19"	Telecom	Copiers	-	Scrap in lbs.
October	344	288	233	228	81	52	83	32		562
November	433	301	332	229	81	76	154	43		565
December	295	261	231	182	54	46	70	40		362
January	728	557	553	368	122	114	191	72		1,104
February	408	355	383	318	85	39	86	53		481
March	513	373	318	254	97	42	135	34		320
April	853	698	718	518	138	109	259	111		1,121
May	544	436	363	251	90	64	76	54		751
June	602	436	433	273	88	52	156	69		711
July	785	641	534	397	147	92	222	74		989
August	511	477	361	268	88	64	156	57		1,265
September	730	546	467	354	110	86	227	65		2,694
Totals FY 2006	6,746	5,369	4,926	3,636	1,141	836	1,815	704	0	10,925
Weight		161,070	98,520	54,540	79,870	29,260	3,630	52,800	0	10,925
Total Weight of Lead	36,730									490,615

FY 2005	Participants	Monitors	CPU's	Printers/ FAX's	TV >19"	TV <19"	Telecom	Copiers	-	Scrap in lbs.
October	319	232	262	137	73	39	86	28		444
November	403	259	279	164	77	47	176	34		384
December	291	177	185	152	67	26	115	18		392
January	344	284	291	189	56	52	87	35		969
February	279	193	243	152	45	37	88	34		432
March	278	196	199	120	48	39	92	23		455
April	474	323	304	214	71	73	168	27		2,047
May	302	206	196	128	66	38	107	26		578
June	369	291	299	190	54	66	120	24		857
July	569	374	381	222	71	39	105	51		2,421
August	224	167	199	123	38	26	70	17		145
September	444	342	357	202	89	57	107	30		509
Totals FY 2005	4,296	3,044	3,195	1,993	755	539	1,301	347		9,633
Weight		91,320	63,900	29,895	52,850	18,865	2,602	26,025		9,633
Total Weight of Lead	21,690									295,090

FY 2004	Participants	Monitors	CPU's	Printers/ FAX's	TV >19"	TV <19"	Telecom	Copiers	-	Scrap in lbs.
October	172	164	130	72	35	24	99	17		1,092
November	269	209	191	109	54	55	73	20		1,531
December	228	148	157	99	36	37	67	12		723
January	289	225	212	122	85	51	78	31		1,007
February	218	148	125	102	45	23	40	8		1,582
March	215	172	133	92	93	29	48	18		486
April	272	180	148	82	48	40	68	15		581
May	228	179	207	109	33	34	33	21		811
June	382	256	246	128	79	58	92	33		908
July	292	202	223	162	54	36	80	18		353
August	379	232	224	169	58	64	113	34		509
September	179	122	117	79	38	15	39	17		637
Totals FY 2004	3,123	2,237	2,113	1,325	658	486	830	244		10,220
Weight		67,110	42,260	19,875	46,060	17,010	1,660	18,300		10,220
Total Weight of Lead	16,905									222,495

Electronics Recycling - Government Participation

FY 2007	Participants	Monitors	CPU's	Printers/ FAX's	TV >19"	TV <19"	Telecom	DSK Copiers	FLR Copiers	Scrap in lbs.
October	10	228	100	84	27	3	15	9		548
November	5	82	283	86	9	2	5	7		859
December	6	183	98	82	33	1		15	3	717
January	8	246	148	82	28	4		7		890
February	8	216	160	101	13			6	2	1,247
March	12	144	123	86	12	5		5	3	1,100
April										
May										
June										
July										
August										
September										
Totals FY2007	49	1,099	892	501	122	15	20	49	8	5,361
Weight		32,970	17,840	7,515	8,540	525	40	1,225	600	5,361
Total Weight of Lead	6,180									74,616

Electronics Recycling - Government Participation

FY 2006	Participants	Monitors	CPU's	Printers/ FAX's	TV >19"	TV <19"	Telecom	Copiers	Scrap in lbs.	
October	5	177	84	155	46			12	1,106	
November	5	119	74	49				8	385	
December	3	120	108	129	9	7		6	1,476	
January	5	85	181	64	14	3		2	675	
February	6	315	179	143	24	7		32	4,646	
March	6	106	89	23		1		9	335	
April	8	246	178	102	16	8		8	2,180	
May	6	149	78	50			1	7	755	
June	7	220	130	124	42	23		17	1,819	
July	6	195	88	79				11	3,488	
August	6	149	73	84	0	6	4	8	3,461	
September	4	259	198	87	25	9		22	960	
Totals FY2006	67	2,140	1,440	1,089	176	64	5	142	21,066	
Weight		64,200	28,800	16,335	12,320	2,240	10	10,650	21,066	
Total Weight of Lead	11,900									155,621

FY 2005	Participants	Monitors	CPU's	Printers/ FAX's	TV >19"	TV <19"	Telecom	Copiers	Scrap in lbs.	
October	3	35	22	39	0	0	0	3	625	
November	4	159	60	37	42	15	0	5	725	
December	3	124	182	149	3		0	1	485	
January	4	370	204	107					1,070	
February	10	318	282	324	2	0		5	4,826	
March	7	244	184	80	12	1		3	1,440	
April	8	300	214	119	4	2		6	2,825	
May	6	100	116	135	8	5		6	1,000	
June	3	52	20	45	0	0	0	0	5,150	
July	7	107	156	125	6	1	0	12	6,750	
August	1	10	17	8				1	140	
September	10	310	276	149	9	8		24	3,146	
Totals FY2005	66	2,129	1,713	1,317	86	32	0	66	27,982	
Weight		63,870	34,260	19,755	6,020	1,120	0	4,950	27,982	
Total Weight of Lead	11,235									157,957

FY 2004	Participants	Monitors	CPU's	Printers/ FAX's	TV >19"	TV <19"	Telecom	Copiers	Scrap in lbs.	
October	6	82	40	40	7	12	0	4	185	
November	3	67	0	16	1	9	0	0	436	
December	1	55	10	37	0	1	0	4	1,250	
January	2	76	71	37	3	10	0	2	525	
February										
March	3	59	52	13						
April	6	50	22	32	1	3	1	5	375	
May	3	73	80	18	2			1	775	
June	6	132	88	52	4		0	0	510	
July	9	448	483	194	28	4	2	11	2,770	
August	4	58	40	48	1			4	1,140	
September	7	183	71	56	18	11		25	1,470	
Totals FY2004	50	1,283	955	543	65	50	3	56	9,436	
Weight		38,490	19,100	8,145	4,550	1,750	6	4,200	9,436	
Total Weight of Lead	6,990									85,677

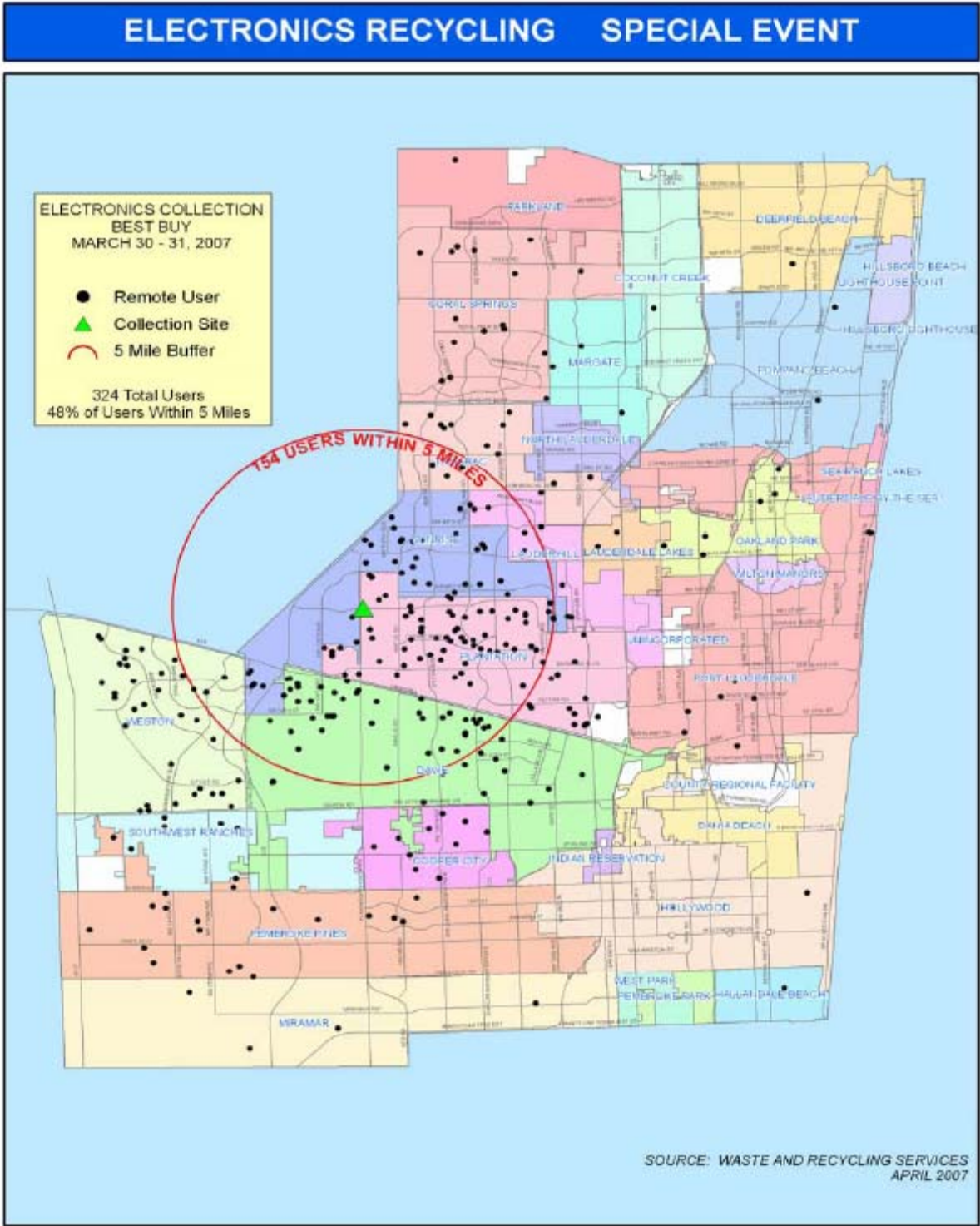
Electronics Recycling - Small Business Participation

FY 2007	Participants	Monitors	CPUs	Printers/ FAX's	TV >19"	TV <19"	Telecom	DSK Copiers	FLR Copiers	Scrap in lbs.
October	31	147	122	63		1	1	6	10	491
November	15	99	51	35			8	1	3	219
December	22	129	147	39	9	1	12	3	1	1,115
January	27	126	56	33	2		7	5	10	654
February	16	33	64	33		1	7	10	3	994
March	23	90	111	37			3	10	4	234
April										
May										
June										
July										
August										
September										
Totals FY2007	134	624	551	240	11	3	38	35	31	3,707
Weight		18,720	11,020	3,600	770	105	76	875	2,325	3,707
Total Weight of Lead	3,190								Total Weight of Collections	41,198

Electronics Recycling - Small Business Participation										
FY 2006	Participants	Monitors	CPUs	Printers/ FAX's	TV >19"	TV <19"	Telecom	Copiers		Scrap in lbs.
October	7	77	49	27			1	2		247
November	13	102	77	36				3		799
December	18	108	69	48			2	5		1,160
January	19	135	142	89				1		223
February	13	112	73	63			15	5		290
March	24	102	79	51		1	3	10		563
April	14	90	43	36	2	1	11	16		149
May	19	93	74	28	1	3		9		474
June	18	98	118	21	1	1		1		30
July	20	92	61	58	2	3	52	11		863
August	19	97	33	37	1			13		306
September	16	69	58	53	1			8		449
Totals FY2006	200	1,175	876	549	8	9	84	84		5,553
Weight		35,250	17,520	8,235	560	315	168	6,300		5,553
Total Weight of Lead	5,960								Total Weight of Collections	73,901

FY 2005	Participants	Monitors	CPUs	Printers/ FAX's	TV >19"	TV <19"	Telecom	Copiers		Scrap in lbs.
October	11	108	108	78	0	0	0	14		595
November	5	102	78	33	0	0	0	5		374
December	11	34	49	13	1		0	4		146
January	12	161	61	35			12			1,672
February	17	132	155	61				2		1,145
March	16	73	119	45	1	1		5		888
April	8	30	48	20			1	2		550
May	13	20	30	28				6		620
June	15	99	86	24	3	1	2	5		1,108
July	10	46	50	22	1	0	0	9		970
August	3	16	5	0						20
September	8	35	49	19				2		323
Totals FY2005	129	856	838	378	6	3	14	54		8,411
Weight		25,680	16,760	5,670	420	105	28	4,050		8,411
Total Weight of Lead	4,325								Total Weight of Collections	61,124

FY 2004	Participants	Monitors	CPUs	Printers/ FAX's	TV >19"	TV <19"	Telecom	Copiers		Scrap in lbs.
October	16	103	50	54	0	1	36	9		1,405
November	6	51	63	21	0	0	0	1		162
December	4	31	48	7	0	0	9	1		65
January	11	161	61	35	0	0	12	0		1,672
February	17	132	155	61				2		1,145
March	7	38	41	21				2		51
April	7	33	28	7	0	0	0	1		110
May	8	85	101	19				1		
June	10	108	114	12			4	0		500
July	11	90	56	35				1		350
August	17	134	139	81		6	25	18		1,745
September	14	67	31	19		2	2	8		215
Totals FY2004	128	1,033	887	372	0	9	88	44		7,420
Weight		30,990	17,740	5,580	0	315	176	3,300		7,420
Total Weight of Lead	5,210								Total Weight of Collections	65,521





Public Works and Transportation Department – Waste and Recycling Services

SOLID WASTE OPERATIONS DIVISION

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**To: RRB Technical Advisory Committee
Infrastructure Subcommittee**

**From: Ram Tewari, Director
Waste and Recycling Services - Solid Waste Operations Division**

Date: May 30, 2007

Subject: Ash Monofill Lateral Expansion Project

As recommended by the Technical Advisory Committee and approved by the Resource Recovery Board, below is the status of the Ash Monofill Lateral Expansion Project.

On behalf of the Waste and Recycling Services - Solid Waste Operations Division (WRS/SWOD), Malcolm Pirnie, Inc. has been authorized to commence the pre-design engineering services, geotechnical/environmental services, and the performance of design calculations which will ultimately be used to prepare the required bid documents and plans necessary for the monofill expansion.

WRS/SWOD is under discussion with Wheelabrator regarding a contract between the parties for the construction of the monofill expansion.

Additionally, WRS/SWOD has initiated the steps necessary to relocate the FPL transmission power lines that fall within the footprint of the upcoming and future monofill lateral expansion areas.

cc: Mary Beth Busutil, Director, WRS
Ron Greenstein, Executive Director, RRB



