

Talking... TRASH

The Newsletter of the SWANA Florida Sunshine Chapter

Fall/Winter 2011



“Working Together to Make the Pieces Fit”

SWANA/RFT Winter Meeting
January 26, 2012

TradeWinds Island Grand Beach Resort
St. Pete Beach

Register Today - Details Inside!

**WASTE EQUIPMENT & PARTS LLC Announcing
City of Tallahassee RFP Contract for Refuse Equipment , Support & Refuse Vehicles**



Waste Equipment & Parts LLC is happy to announce the recent release of the new City of Tallahassee RFP contract for Refuse Equipment & Refuse Vehicles has been finalized. This RFP contract represents a new concept for municipal refuse equipment, support & vehicle purchases. The new contract offers the following:

- **True Transparency**
- **Ease of Ordering**
- **Honest Pricing**
- **Unmatched Flexibility**

The new RFP contract allows municipalities to easily order any type of refuse units including “CNG” Compressed Natural Gas or Diesel chassis. Plus we offer a buy back program in the contract that can save you money by keeping your fleet in like new condition.

You have access to our net invoice, as well as any aftermarket or modification invoice. This represents a dramatic departure from current statewide vehicle contracts – true transparency and it can save your city thousands of dollars.

All vehicles and bodies offered by WASTE EQUIPMENT & PARTS LLC are eligible for purchase under the Tallahassee Contract. This includes Commercial Front Loaders, Automated Side Loaders, Rear Loaders, Recycle units and others, plus accessories.

For additional information on this contract or for a free equipment quote email us at dave@WasteEquipOnline.com or call (866) 228-2411.



WASTE EQUIPMENT & PARTS LLC
4902 South 16th Avenue, Suite E, Tampa, FL 33619
(813) 241-1900 / Fax (813) 241-1990
www.WasteEquipmentandParts.com

Letter from the President

December 2011

You really won't want to miss this year's upcoming Winter Meeting! Once again, SWANA Florida Sunshine chapter and Recycle Florida Today, our state's premier solid waste associations, are coming together to sponsor an event filled with opportunities for education, networking, and sharing ideas on how to improve the state of solid waste management in Florida.

And, yes, we'll be having lots of fun as well. Our Evening Mixer will give us all a chance to relax and catch up.

This year's conference is being held on January 26, 2012, at the TradeWinds Island Grand Resort in beautiful St. Pete Beach. This four star

resort is located right on the beach and offers 5 outdoor pools, 11 restaurants and a full service spa. The Tradwinds is a member of Florida's Green Lodging Program so we can be assured our event will have minimum impact on our environment.

In addition to our usual breakout sessions, this year will include joint sessions with both organizations. These will be great opportunities to refresh your thinking, explore new ideas, and earn CEU's. A detailed agenda will be published shortly.

I am happy to share with you that all our Committee Chairs are now appointed. My thanks to all of our members who have assumed Committee Chair responsibilities, as well as those of you who already are participating in committee work. The work of our committees is the key to our success and we need your involvement to make sure we achieve all our objectives.

Please contact one of our Committee

Chairs to volunteer your services toward a successful year for us all. You can find contact information on our newly designed website - www.swanafl.org.

While you are there, browse the many improved and additional features of our newly redesigned website. The new Members Forum is a

great new way to discuss issues, share information and keep in touch. The more we use our new tool, the more effectively it will work for all of us.

Last but not least, I am pleased to announce that we have once again retained Crystal Bruce to serve as our Chapter Administrator. Crystal has been an invaluable resource for our organization and we are pleased to continue working with her.



Mitch Kessler



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Caterpillar Introduces its Meaner Greener Dozer to Florida Landfills

Written by Kimberly Byer, Polk County Waste Resource Management

The world's first diesel-electric dozer, the D7E, engineered by Caterpillar is currently tracking its way through Florida landfills. The D7E, outfitted with a waste handling arrangement, has recently been tested at Waste Management's Trail Ridge Landfill, Progressive Waste Solution's J.E.D. Landfill, and at Brevard County's Central Disposal Landfill and is currently being tested at Polk County's North Central Landfill.

The D7E is an electric drive dozer that uses a conventional Cat C9.3 ACERT™ engine to drive a generator. The generator produces maximum power at low engine speeds so the internal combustion engine can remain at a low RPM range without a drop in power; fewer cycles per minute equals more operating time per gallon of fuel. The manufacture has advertised this drivetrain provides a 10-30% jump in fuel economy when compared to previous models.

The electric drive system has shown

to reduce the emissions of some gases by as much as 51% earning Caterpillar a U.S. Environmental Protection Agency Clean Air Excellence Award.

The D7E's operating weight is 56,700 lbs and comes with a price tag of over \$600,000. Is it worth 20% more than the traditional D7s? Caterpillar advertises a 30% savings in lifetime owning and operating costs.



This savings is primarily in fuel costs, but can also be seen in maintenance and production costs. According to Caterpillar, the electric drive system reduces the amount of time to move material. During field testing, the D7E was able to move an average of 330 cubic yards in an hour. At the same time it was burning 6.6 gallons of diesel fuel. A comparable size dozer is able

to push about 300 yards per hour while burning 7.7 gallons of fuel.

Richard Dees, Brevard County's Operations Manager, remarks that the D7E had excellent pushing power and during field testing consumed 3 gallons less per hour than the traditional D7R. The machine was tested by five different operators of various training levels and all agreed there was no decrease in

power. The power was so great that his operators referred to the machine as a D-7 ½.

Mr. Dees stated, "Brevard County is seriously considering the D7E due to fuel savings, reduced emissions and overall power."

The only disadvantage noted by Mr. Dees was the D7E is only manufactured as a straight track system compared to the

traditional D7 high track assembly.

Mr. Dees noted, "The straight track assembly may be more difficult to keep clean in the landfill application."

Observations and the opinions of other landfills regarding the performance of the D7E can be viewed on www.swanafl.org in the forum section under technical sources and resources.

Clean Energy + Savings + Conservation =
The Right Total Solution



The power of integration

With design and technology that safeguards human health and the environment, CDM and Hillsborough County expanded the county's waste-to-energy facility, which converts household garbage into electrical energy. This sustainable solution conserves landfill space and greenhouse gases; produces enough renewable energy to power the adjacent wastewater treatment plant and thousands of residential homes, and will save Hillsborough County hundreds of thousands of dollars per year.

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Listen to our *Cities of the Future* podcast series at www.cdm.com/podcasts/cities

Coastal Cleanup

By Jodi Walters, Recycling Coordinator, Collier County, Florida, Solid Waste Management Department

Every third Saturday in September, millions of volunteers join together around the world for the Ocean Conservancy's International Cleanup. The International Cleanup focuses on preventing contamination of our oceans. In Collier County, Florida, this event is known as our annual "Coastal Cleanup," and is sponsored and organized by Keep Collier Beautiful, Inc.

On September 17, 2011, from 8 a.m. to 11 a.m. over 1,200 registered volunteers converged on beaches, bays, and canals throughout the county removing litter and solid waste before it could find its way into the Gulf of Mexico and eventually into an ocean. The Collier County Solid Waste Management Department is proud to be an active partner in this annual cleanup.

It takes everyone working together to make Coastal Cleanup a huge success. Small supplies like safety vests, drinking water, t-shirts, garbage bags, nets, and rakes are all donated by businesses and event sponsors. In addition to the small equipment, this year's coastal cleanup volunteers received free use of kayaks and equipment donated by The Kayak Company, and Boat Rentals at Naples Bay Resort; the use of motorboats from Naples Bay Resort and Gulf Shores Marina; along with canoes from the Collier County Parks and Recreation Department. Hauling of the waste and waste containers was donated by The City of Naples, 1-800-Got-Junk, and Waste Management, Inc. In addition to helping with cleanup supplies, and working cleanup sites, the Collier County Solid Waste Management Department waived tipping fees for the cleanup, created both radio and television advertisements to bring

awareness to the community of this event.

The morning of the event, cleanup volunteers received supplies and instructions at various sites strategically located around the county. Sites included the following:

- Naples Pier
- Gulf Shores Marina
- Lowdermilk Park
- Barefoot Beach Preserve
- Delnor Wiggins Pass
- Vanderbilt Beach-Cabana Dan's
- Ritz Carlton
- Clam Pass
- Naples Sailing and Yacht Club
- Naples Bay Resort
- Bayview Park
- Isles of Capri
- Calusa Island Marina
- Rookery Bay
- Everglades State Park
- Cocohatchee Canal
- 951 Golden Gate Canal

Together, volunteers collected a total of 4.55 tons of mixed waste.

The annual award for the strangest item found goes to the crew from Naples Sailing and Yacht Club who landed a one hundred fifty-pound safe from Naples Bay.



Getting Your Fair Share of Recycling Revenues

by Brenna Hagggar, Kessler Consulting, Inc.

Predicting recycling markets over the life of a long-term agreement can be a daunting task for any local government. Historically, recycling markets have always been cyclical, and in recent years, with increased reliance on overseas

markets, prices for recyclable materials have reached historic highs and lows. Currently, the average value of curbside recyclables is well over \$100 per ton, with some exceeding

\$180 per ton based on the mix and cleanliness of the materials. The adjacent table depicts the fluctuation in fiber markets over the past 10 years.

Although no one can accurately predict exactly how recycling markets will fluctuate in the future, municipalities can take action to receive their fair share of recycling revenue through strategic public/private partnerships.

When entering into a collection and processing, or processing only, agreement, it is important to understand recycling markets, the value of your jurisdiction's recyclable materials and the amount of recyclable materials available. The best way to ensure your jurisdiction receives the most value for your recyclable materials is to release a

request for proposal (RFP) or request for bid (RFB). RFPs and RFBs create a competitive environment for vendors to propose the best possible price for your jurisdiction's recyclables.

The most successful contracts are those that serve both parties equitably. Processors incur expenses to process

recyclable materials and move them to market, and should be compensated for these processing and transportation costs, as well as a reasonable profit. Beyond such compensation, recycling

revenues should be shared between the jurisdiction and the processor.

Because processing contracts often last five or more years, the contract term will include periods of both rising and falling prices for recyclable materials. Jurisdictions should be willing to share in the down cycles as well as the up markets. Contracts

can be structured to minimize your jurisdiction's risk during extreme down market conditions, and to also reap higher revenue during up markets.

Revenue sharing is a common practice that Kessler Consulting has recommended clients implement for the last 20 years. Many of our clients are receiving substantial payments as a result of the revenue sharing agreements they have in place. This return has helped balance solid waste budgets that have been reduced due to current economic conditions.

In recent years, overseas markets have buoyed prices for recyclable materials in the U.S. Currently, the collection infrastructure for recyclables in Asian countries is expanding, which may reduce their demand for U.S. materials in the future. The long-term outlook is never crystal clear, but you can structure your contracts today to ensure that your jurisdiction receives an equitable share of recycling revenue.

For more information, please contact Brenna Hagggar at bhagggar@kesconsult.com or 813-971-8333.

**Market prices through October 2011. Source: Waste & Recycling News Commodity Pricing www.wasterecyclingnews.com/smp/index.html*

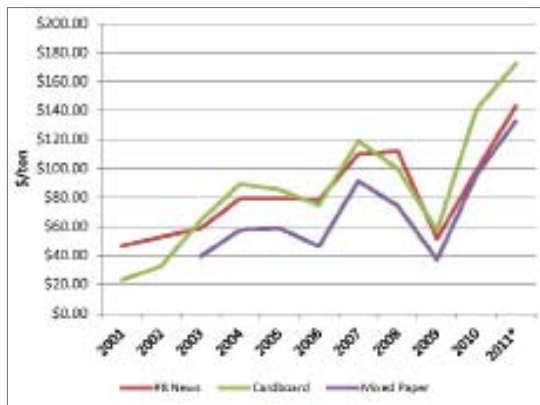


Table 1: Newspaper, Cardboard and Mixed Paper Market Fluctuations 2001-2011*

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Recycling, Composting & Solid Waste Planning

- Program Planning, Design & Implementation
- RFP Preparation and Evaluation
- Greening & Sustainability Development
- Optimization Studies ■ Privatization Analyses
- Waste Composition Studies ■ Facility Audits
- Technology Evaluations ■ Feasibility Studies

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Dream Machine Recycle Rally Comes to Naples Christian Academy

PepsiCo and Waste Management Partner to Bring Program to First Southwest Florida School

By Dawn McCormick, Waste Management

Naples Christian Academy has become the first Southwest Florida school to participate in the *Dream Machine Recycle Rally*. The *Dream Machine Recycle Rally* is an exciting multi-year program sponsored by PepsiCo and Waste Management that aims to raise awareness of the importance of recycling among students, grades K-12, and gives schools a chance to earn rewards and compete for prizes – including a \$50,000 *Dream Green School Makeover*.

Naples Christian Academy students are collecting aluminum soda cans, plastic water and sports bottles to earn points which can be redeemed by the school for rewards such as electronics, sporting goods, gift cards, music, books and videos on the www.greenopolis.com site.

“Naples Christian Academy is very pleased to be participating in the Dream Machine Recycle Rally and our students are excited about increasing their recycling at school and at home,” said Art teacher Barbara McWilliams who is overseeing the program. “PepsiCo provided us with a free laptop computer and scanning equipment, and Waste Management collects our recyclables and transports them to its Reuter Recycling Facility for processing.

It’s fun, it’s easy and our students and parents are really embracing the program.”

During the *Dream Machine Recycle Rally* contest period, which runs through April 30, 2012, participating schools nationwide may also be eligible to win one of over 75 exciting contest prizes, such as the \$50,000 *Dream Green School Makeover* grand prize for green



improvements to be awarded to the eligible school with the highest average number of bottles and cans collected per student and the \$25,000 *Quantity Counts* award for green improvements to be awarded to the eligible school with the highest total number of bottles and cans collected per student.

In addition, for all the bottles and cans recycled through the program, PepsiCo provides support to the Entrepreneurship Bootcamp for Veterans with Disabilities (EBV), a national program offering free

education in entrepreneurship and small business management to post-9/11 U.S. veterans with disabilities, so that our nation’s heroes can make their own dreams come true.

“The Dream Machine Recycle Rally is a wonderful collaborative program between PepsiCo and Waste Management and we are thrilled to support the staff and students at Naples Christian Academy as they participate in the program and increase their recycling,” said Dawn McCormick, Community Affairs Manager for Waste Management.

Currently, more than 500 schools in over 30 states nationwide are registered in the Dream Machine Recycle Rally program.

During last year’s contest, St. Pascal School in Chicago was the official winner of the

Dream Machine Recycle Rally *Dream Green School Makeover*, taking home the \$100,000 grand prize to be used toward green improvements at the school. With the help of students, faculty, parents and community volunteers, St. Pascal School recycled an average of approximately 2,286 beverage containers or 114 pounds per student.

For more information or to have your school apply to the program, please visit: www.DreamMachineRecycleRally.com.

Automation and Collection Frequency in the Sunshine State: The Tide is Changing

By John Burkett, Kessler Consulting, Inc.

Kessler Consulting, Inc. recently conducted a statewide study encompassing 79 cities and unincorporated counties, to identify the latest collection trends throughout the State of Florida. This study found that more residents now receive automated service and once-per-week collection than ever before.

The transition to automated collection has long been the national trend in the solid waste industry as a means to increase collection efficiency and reduce labor costs, and has now been gaining popularity in Florida as well. In automated collection systems, customer-owned garbage cans are replaced by standardized rolling carts, which are emptied by a robotic arm attached to the vehicle. This eliminates the need for multiple workers on each route, and drivers can remain inside the vehicle. The increased production of automated collection means more customers can be serviced per route; therefore, less equipment and manpower is required. Depending on density, route sizes of up to 1,200 households per day are possible with automated collection, as compared with manual rear-loading routes, averaging 700 to 900 households. Other benefits include fewer worker injuries and worker's compensation claims, and reduced staff turnover. KCI's study determined that 53% of Florida's

residents receive automated garbage collection service, and this number is expected to increase.

Twice-weekly garbage collection has historically been the norm around the state. However, collection and recycling technologies, including automation and single stream, have seen advanced application in recent years, resulting in increased recycling rates and less garbage to collect. KCI has found that automated single stream programs can increase recycling tonnage by 30 to 70 percent. Additionally, it has been found that residents do not fully utilize the second collection day, and jurisdictions have responded by reducing collection to one pickup per week, significantly reducing operating expenses. This practice has long been the standard on the US West Coast, and is now gaining popularity in the Southeast.

Nearly four million or 27% of residents in Florida receive once-per-week service. A study conducted by KCI just two years ago found that 2.5 million residents received once-per week service at that time, indicating that this practice is quickly catching on as a viable measure to reduce expenses while continuing to meet the residents' needs.

For more information on how Kessler Consulting, Inc. can assist with evaluating your current collection system or transitioning to an automated cart-based program, please call Don Ross, Project Manager at dross@kesconsult.com or 813-971-8333.

Committee Updates

Florida Shines at International Road-E-O

Florida contestants earned four trophies at the 2011 SWANA International Road-E-O, which was held in Dublin, GA, over Labor Day weekend. There were over 108 competitors, each representing their state as the best drivers in the solid waste industry. Please join us in congratulating the following winners:

Shawn Clarke

City of Largo
Roll-Off
First Place

Mark Tyler

Hillsborough County
Tractor Trailer
First Place

Dennis Rigby

Escambia County
Mechanic
First Place

Chris Colgan

Waste Management
Front Loader
Third Place

Next year, the State Road-E-O will be held in Kissimmee and the International event will be held in Kentucky.

More \$\$ Now Available for College Scholarships!

Struggling with college expenses? The SWANA Florida Sunshine Chapter now offers two scholarships per year for college students worth \$2,000 each (\$1,000 per semester). These scholarships will be awarded directly to the students to assist with tuition, books, fees and/or living expenses. So if you work in the solid waste industry (and why else would you be reading this newsletter?), graduated or are a senior in a State of Florida High School – or have a child who fits this bill – with at least a 3.0 GPA, what are you waiting for?

Go to our website, www.swanafl.org, and download the application – click on Committees, then Awards and Scholarships. Scholarships have already been awarded for 2011, but 2012 is right around the corner. With the requirements in hand, you'll be ahead of the game! Please share this information with your colleagues and others in your organization who can use some help paying for college, and who couldn't these days? Helping someone pay for college also helps SWANA achieve one of its main goals – to educate. And education helps to provide a better future for all of us.

If you have any questions, feel free to contact us at info@swanafl.org.

SWANA Florida
Sunshine Chapter

Board of Directors Meeting

Wednesday,
January 25, 2012

TradeWinds
Island Grand
Beach Resort

2:00 - 5:00 p.m.

This meeting will take place prior to the 2012 Winter Meeting. All members are welcome to attend.

INNOVATIVE

Integrated Waste Management Services

SITE ASSESSMENT

INTEGRATED WASTE PLANNING

PERMITTING

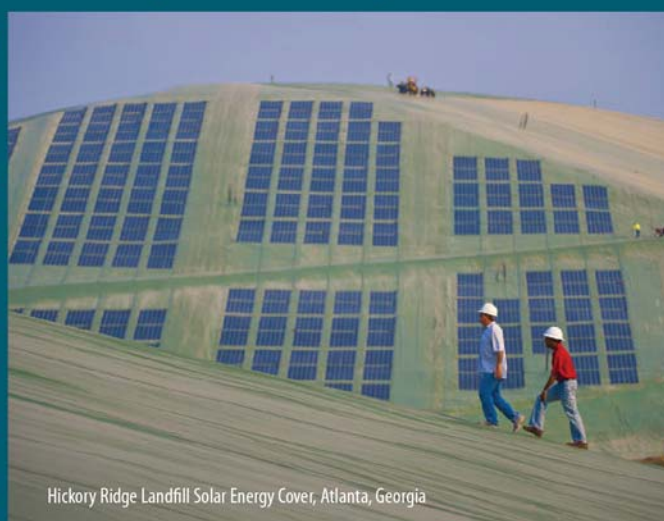
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CONSTRUCTION ADMINISTRATION

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SWANA/RFT Winter Meeting

TradeWinds Island Grand Resort - St. Pete Beach, FL



“Working Together to Make the Pieces Fit”

January 26, 2012

Register online at
www.regonline.com/swanafl2012winter

The purpose of this one-day meeting is to provide a forum to exchange information and experiences on methods, policies, initiatives, and technologies which are useful and timely. The format of the program includes formal presentations, panels and facilitated sessions. The meeting will also include a joint educational session with Recycle Florida Today (RFT).

The format of the meeting will be as follows:

- Wednesday, January 25th: Board of Directors meetings for both organizations
Followed by an evening mixer
- Thursday, January 26th: Joint continental breakfast, morning sessions and luncheon
Individual RFT and SWANA tracks
Environmental Round Robin and optional TradeWinds Green Initiatives tour

Venue and Hotel Accommodations: The meeting will be held at the TradeWinds Island Grand Beach Resort (5500 Gulf Blvd., St. Pete Beach, FL 33706). A block of rooms are available for participants who wish to stay over. To make your reservation, please contact the hotel directly at (800) 808-9833 to receive the discounted rate of \$119 per night. Be sure to mention RFT/SWANA to receive this great rate, which is available until January 7, 2012. Call today and reserve your room!

Refund Policy: Refunds, less \$25 processing fee, will be issued upon receipt of written request by January 7, 2012. Due to meal guarantees, no refunds will be issued after January 7, 2012. Substitutions are welcome. Please send written requests for refunds and cancellations to info@swanafl.org. We will invoice for no-shows.

Registration: Submit registration form and payment to SWANA Florida Sunshine Chapter, 2854 St. John Drive, Clearwater, FL 33759 or fax to (727) 231-0693. Questions? Call Crystal Bruce at (727) 797-4234 or email info@swanafl.org.

REGISTRATION FORM – SWANA FL Winter Meeting & Issues Forum – January 26, 2012

NAME: _____ ORGANIZATION: _____
 ADDRESS: _____ CITY, STATE ZIP: _____
 WORK PHONE: _____ EMAIL: _____

Registration Fees:	<u>By Jan. 7</u>	<u>After Jan. 7</u>
Member	<input type="checkbox"/> \$100	<input type="checkbox"/> \$125
Non-Member	<input type="checkbox"/> \$125	<input type="checkbox"/> \$150
Speaker	<input type="checkbox"/> \$75	<input type="checkbox"/> \$100
Student/Regulatory Agency	<input type="checkbox"/> Complimentary	

Sponsorship: Level _____ \$ _____

TOTAL DUE: \$ _____

Please reserve a space for me on the optional TradeWinds Green Initiatives tour (no cost).

Payment Information: • Check (payable to SWANA FL) VISA MasterCard Discover

Card Number: _____ Exp. Date: _____

Cardholders Name: _____

Billing Address: _____



SWANA/RFT Winter Meeting

TradeWinds Island Grand Resort - St. Pete Beach, FL



“Working Together to Make the Pieces Fit”

January 26, 2012

Register online at
www.regonline.com/swanafl2012winter

Sponsorship Opportunities

Start 2012 off right by being a part of Florida’s premier education forum – held jointly by Recycle Florida Today and the SWANA Florida Sunshine Chapter. Through your sponsorship, you will have the opportunity to showcase your business to the two top recycling and solid waste professional organizations in Florida. This is a rare and special opportunity that may not happen again soon ... so don’t miss the chance!

The following sponsorships are being offered:

Morning Break Sponsor - \$100

Includes signage during the morning break, your logo on all promotional materials and on the RFT and SWANA Florida Sunshine Chapter websites, and special recognition during the technical sessions.

Lunch Table Sponsor - \$150

Reserve a table at the luncheon with your company’s name for your employees and clients, and distribute your literature and/or promotional items to your table mates – line up your guests now! Includes your logo on all promotional materials and on the RFT and SWANA Florida Sunshine Chapter websites, and special recognition during the technical sessions. (Please note – table hosts and guests must be registered for meeting.)

Breakfast Sponsor - \$250

Includes signage during the breakfast, your logo on all promotional materials and on the RFT and SWANA Florida Sunshine Chapter websites, and special recognition during the technical sessions.

Afternoon and Round Robin Sponsor - \$300

Once again, RFT/SWANA will be hosting an Environmental Round Robin networking and interactive discussion session. Attendees will be able to “speed discuss” important environmental issues impacting our state, areas of interest and other hot topics. The afternoon break will be located inside the meeting room. Sponsorship includes signage during the Round Robin session, your logo on all promotional materials and on the RFT and SWANA Florida Sunshine Chapter websites, and special recognition during the technical sessions. **Round Robin table topics, as well as moderators, will be assigned by the associations.*

Evening Mixer Sponsor – \$500

Includes signage during the evening mixer, your logo on all promotional materials and on the RFT and SWANA Florida Sunshine Chapter websites, special recognition during the technical sessions, and an opportunity to display your literature and/or promotional items at RFT’s and SWANA’s registration tables throughout the event.

Please email your company logo in eps format (300 dpi) to info@swanafl.org no later than December, 31, 2011, to be included in printed conference materials.

Preliminary Schedule of Events

Wednesday, January 25, 2012

2:00 pm – 5:00 pm	RFT Board Meeting
2:00 pm – 5:00 pm	SWANA Board Meeting
5:30 pm – 7:30 pm	Registration Open – Joint Evening Mixer Networking Reception

Thursday, January 26, 2012

Time	RFT Track	SWANA Track
8:00 am – 8:30 am	Registration Open – Joint Continental Breakfast	
8:30 am – 8:45 am	Welcome & Opening Remarks Susan Chapman, RFT Chair, and Mitch Kessler, President, SWANA Florida Sunshine Chapter	
8:45 am – 10:00 am	Joint Educational Session (RFT and SWANA) - Panel Discussion Mitch Kessler; President, Kessler Consulting, Inc. Gary Bennett; Solid Waste Director, Sarasota County Paul J. Vanderploog, Director of Public Utilities, Hillsborough County, Florida	
10:00 am – 10:15 am	Morning Networking Refreshment Break	
10:15 am – 11:30 am	Residential Recycling Boosting Participation: Promotion and Incentive Strategies Bill Dempsey, President, Recycling Perks New Technology For Managing Contamination Don Ross, Kessler Consulting Local Perspective on Jobs in Recycling Ron Henricks, FDEP – (Invited)	Managing a Reduced Waste Stream – An Unexpected Problem Bob Hauser, Pinellas County Jackey Jackson, Sumter County Kimberly Byer, Polk County
11:30 pm – 11:45 pm	Transition to Joint Luncheon	
11:45 pm - 1:00 pm	Joint Networking Lunch	
1:00 pm - 2:00 pm	Recycling Away from Home At Work Miriam Zimms, Kessler Consulting, Inc. Special events Sandi Childs, NAPCOR Open spaces Betsy Dorn, Steward Edge	Single Stream and Automated Collection in Florida: A Couple of Case Studies Moderator - Don Ross, Kessler Consulting Earl Gloster, City of Clearwater Tony Romano, Sonrai Systems Jeff Wood, City of Lakeland
2:00 pm - 3:15 pm	Recycling of Hazardous Waste (NAHMMA) A special partnership with North American Hazardous Materials Management Association At Your Door Larry Dalla Betta, WM Paint Product Stewardship in Florida Bob Madden, President, Florida Chapter, NAHMMA & Director, HHW SWA of PBC Q & A – 15 minutes	This And That: Landfill Gas Utilization, Rate Analysis and Greenhouse Gas Reporting/Credits Rate Analysis Marc Rogoff, SCS Engineering Greenhouse Gas Reporting/Credits Cliff Koenig, HDR Landfill Gas Utilization Jim Becker, Orange County
3:15 pm – 4:30 pm	Round Robin Networking Session (Jointly) & PM Networking Break	
3:30 pm - 4:30 pm	Optional TradeWinds Green Initiatives Tour (By reservation only and Space is Limited)	
3:30 pm - 4:30 pm	Adjourn	

Member News

Pinellas County Solid Waste New Hires and Promotions

Bill Embree, formerly of HDR, started his new career path as a Solid Waste Program Supervisor in the Waste Reduction and Public Outreach and Education unit of Solid Waste. Bill has over 27 years of varied Solid Waste experience from WTE, Landfill, Planning, Debris Management and Recycling. Pinellas County feels fortunate to have Bill as part of our team.

Beth Burns has joined the Pinellas County WTE Program staff. Beth has experience with both private industry and Pinellas County government in air quality monitoring, including asbestos abatement, indoor air quality and industrial hygiene. I guess that means we're going to have to clean up our act!

Charles Mangio has been recently promoted to Solid Waste Program Coordinator. Charles has been with Solid Waste for 10 years and has a strong background related to his responsibilities with debris management, franchised collection, and the County's artificial reef program.

Florida Solid Waste Programs Win SWANA Gold

HDR is proud to have assisted two of its clients in winning SWANA Gold Excellence Awards, at WASTECON/2011, in Nashville, TN.

Lee County Solid Waste Division received the Gold Excellence Award for its **Integrated Solid Waste Management System**. The state-of-the-art system consists of a 1,836 tpd mass-burn WTE, a 550 tpd single-stream MRF, a 1,000 tpd transfer station, a C&D recycling facility, vegetative waste processing, an HHW facility, and scale houses. The system also maintains a Class I landfill and a compost facility located in an adjacent county. Collection of residential and

commercial MSW and recyclables is managed by franchise agreements.

Miami-Dade County Department of Solid Waste Management (DSWM) received the Gold Excellence Award for **Collection Systems**. During 2007, the DSWM converted its entire residential MSW collection service (320,000 households) to automated, thereby providing more convenient and safer collection for both customers and DSWM employees. In 2008, Miami-Dade County also instituted County-wide automated, single-stream residential recycling collection, by contract to private providers. Additionally, the DSWM is the first municipal solid waste agency in the United States to pilot test hybrid technology automated collection vehicles.

Congratulations to Lee County's Solid Waste Division and to Miami-Dade County's Department of Solid Waste Management for their superior performance and professional recognition through receipt of SWANA's Gold Excellence Awards!

Solid Waste Authority of Palm Beach County

The Solid Waste Authority (SWA) recently had its credit rating upgraded to AA+ by Standard and Poors and to Aa2 by Moodys Investors' Service. We understand that the Aa2 is the highest rating assigned to a solid waste agency by Moodys. Both ratings carry a stable outlook.

The credit upgrade is a reflection of the SWA's highly secure revenue stream, collecting 72% of its revenues through a non ad valorem special assessment that is billed on the county's annual property tax bill, its relatively low fees, strong operational and financial performance and a capital facilities plan that increases and extends the system's capacity well into the future.

The SWA sought the ratings

in connection with its recent sale of \$600,000,000 of revenue bonds to finance the construction of an additional 3,000 tpd waste to energy facility. The project was a design, build, operate procurement that was awarded to the combined team of Babcock and Wilcox Power Generation Group and BE&K Construction. The contract was awarded through an RFP that initially considered the technical qualifications of the three proposing entities and then combined that ranking with the price proposals for the construction and a twenty year operating contract which remained sealed until the initial ranking was completed.

All three proposers were ranked as fully qualified with only minor differences in the scores assigned to each, however the price proposals proved to be the clear decision maker. The price proposals were entered into a spreadsheet that calculated the present value of both the construction price and the 20 year operating contract. The results spoke for themselves. The team of B&W/BE&K had the lowest total present value at \$500,255,106, more than \$125,000,000 lower than the second low proposer.

The majority of that difference was produced by the net present value savings attributed to the twenty year operating contract as the construction cost proposed was the middle price of the three. Such a large discrepancy in proposals is normally reason for concern however in this case B&W is the operator of the SWA's existing 2,000 tpd RDF facility completed in 1989 and has successfully operated it since then. In addition, the winning team recently rebuilt that facility from "chute to stack" on time and well under budget. The project took one year to complete while allowing half the facility to remain in operation throughout the construction period. Those results provided substantial confidence in both the technical expertise and the price

Member News

proposals of the winning team.

The bonds were priced and sold through a negotiated sale on 10/5/11 with the closing set for 10/25. The All-In True Interest Cost for the issue was 4.192%. The initial Order to Proceed was issued on 6/8/2011. Since then all required permits and approvals

have been secured and the contract for the sale of electricity to FPL is expected to be executed before the end of the year. The final Order to Proceed is scheduled for issuance in April, 2012 when construction will commence. Completion is currently scheduled for May, 2015.



Congratulations to Orange County, recipient of the Gold 2011 Landfill Gas Utilization Excellence Award.



City of Stuart welcomes the Sanitation Department's three newest team members, (from left to right) Josh Gordon, Doc Holiday and Donny Slone.

Advertising Opportunities Available

It's not too late to reserve a space in the Spring issue of Talking Trash.

Job Openings

Post an employment notice on the SWANA FL website for just \$100!

Email info@swanafl.org or visit www.swanafl.org for more information.

Chapter Calendar

November 1, 2011
Talking Trash
Fall/Winter Advertising
Reservation Deadline

January 25-26, 2012
SWANA/RFT
Winter Meeting

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