



SOLID WASTE OPERATIONS REPORT

January – February 2007

March 28, 2007 - TMC Meeting

SYSTEM PERFORMANCE SUMMMARY:

	<u>January 2007</u>	<u>February 2007</u>
Tons to Plant	84,411	66,431
Total Landfilled	<u>18,180</u>	<u>23,790</u>
Total System Tons	102,591	90,220

PLANT:

- In January a total of 44,595 megawatts were sold.
- Boiler availability was 87.5%

- In February a total of 33,110 megawatts were sold.
- Boiler availability was 83.37%

LANDFILL:

- The new Class III area is complete and will open when required.
- We are moving dirt from the Sod Farm to the Toytown Landfill as part of the project to restore the grades at Toytown.
- DEP issued our permit including the height increase. The permit was challenged by the Carillon Property Owners Association. We are working with them to resolve several issues and expect a final permit to be issued soon.

HEC₃ & MOBILE COLLECTIONS:

- In January we had 1,554 HEC₃ participants.
- In February we had 1,202 HEC₃ participants.
- There was a mobile collection in January at the East Lake High School with 880 participants.
- There were two mobile collections in February; on February 3, 2007 we had 700 participants at the City of Dunedin Solid Waste facility.

- On March 3, 2007 at the St. Pete Home Depot we had 731 participants.
- The next scheduled event will take place at the Largo Home Depot on March 24th.

CURRENT ACTIVITIES & ISSUES:

- Collection services in Lealman continues well with few complaints.
- A BCC Workshop was conducted on March 22nd to review our current and future recycling programs. Three programs were presented to the Board for direction on proceeding:
 - Beach Recycling Program
 - Countywide Litter Program
 - Countywide Curbside Recycling
- Solid Waste is moving forward with a preliminary feasibility of a transfer station in the north County area as requested by the TMC.
- We are redoing our financial model for the Solid Waste system for presentation to the TMC in May as part of our rate setting procedure.
- We are beginning work to bid out our landfill operating contract. Our current contract with Veolia ES ends in March, 2008.
- The County is preparing a Request for Negotiation (RFN) through the Department of Economic Development. The purpose is to receive proposals from developers to develop the Toytown Landfill. We will keep you informed as this project progresses.

CAPITAL IMPROVEMENT PROJECTS:

- The project to stabilize the banks of Pond “A” and to dredge and deepen the pond are being finalized for construction review. The bank stabilization project originally scheduled to go out for bid last month has been moved back for additional design study. The project to dredge Pond “A” will be issued for bids in late spring, and may be done simultaneously with the bank stabilization project.
- The bid package for constructing the new citizens hand unload center is going out for bid.
- We met with FDEP to review their comments on two key projects:
 - The design for replacement of the underdrain at the Toytown Landfill
 - The reconstruction of the slurry wall along 118th Avenue.
 The meeting went well and eliminated some back and forth letter writing for clarification of construction practices.
- We have begun the design project for the construction of a new water treatment system to treat Pond “A” water for the cooling tower at the WTE facility.
- We have also initiated the design for improvements to the gradient system at BWA.
- The conceptual design for installing a SCADA system (remote monitoring) at various lift stations and flow meters around the site has been approved, and final design is underway.

- The design of upgrades and refurbishments to the scalehouse is continuing.
- A study of traffic patterns at our site is underway. This will lead to changes in our roadways to facilitate traffic flow.

WASTE-TO-ENERGY FACILITY OPERATOR PROCUREMENT PROCESS:

- The procurement process is complete. We are having regular meetings with Veolia for the purpose of transition. The new operator will take over May 6, 2007 and there are a number of things that must happen to ensure a seamless turnover. This report will be the last under this title.

WASTE-TO-ENERGY FACILITY:

- As discussed above, we are conducting regular meetings with Veolia in preparation for the takeover of the operation of the WTE facility in May. Activities include the following:
 - Reviewing processes and procedures between the various parties including lines of communication.
 - Compiling facility information for use by Veolia.
 - Veolia has made job offers to all current Wheelabrator employees who applied for positions.
 - We continue to monitor the plant's condition.
 - Veolia has initiated work on several of the new life extension construction projects.
- In late January, Turbine/Generator No.1 (TG No.1) had a major upset. The turbine was taken off-line and repairs made. During preliminary start-up procedures, other problems were identified. The machine was opened up and significant damage was observed. In early March, the rotor was removed and shipped to Houston, TX for substantial repairs. The turbine is not expected to be put back into operation until mid-April. This situation has been established as an insurable event. During this period, we are only operating with two boilers. We will continue to experience regular diversions of waste to the landfill. Also, our rolling capacity will deteriorate, but should not become a major concern. Furthermore, we will lose about one million dollars in electricity sales although we continue to receive our capacity payments.
- On March 13, 2007, the BCC approved a new four-year contract with CDM, Inc. to provide construction services and engineer-of-records services under our new agreement.

RECYCLING/WASTE REDUCTION:

- In January, 107 people received tours and presentations, including 31 students and 76 adults. Utilities staffed two events; the Science Fair at Bauder Elementary School on January 31st (estimated attendance: 200), and the Tropicana Home Show held January 26th – 28th (estimated attendance: 20,000).
- In February, 181 people received tours and presentations, including 66 students and 115 adults.
- Utilities staffed a booth at SWANA's Recycling Conference in Tampa (estimated attendance: 150)
- Waste Composition Study: March 19-30

Upcoming Outreach:

- March 30 – April 2: providing recycling bins and Roadie trailer for April 14: staffing "Recycle Regatta" at Bay Beach in St. Petersburg, and providing Roadie and recycling bins
- April 20: providing recycling bins for "Relay for Life" at Canal Park in Oldsmar
- April 21: staffing "Island Fest" at Honeymoon Island State Park in Dunedin, and providing Roadie and recycling bins
- April 21: staffing "Family Earth Fest" at Pinewood Cultural Park, and providing Roadie and recycling bins
- April 28-29: staffing "Green Thumb Festival" at Walter Fuller Park in St. Petersburg, and providing Roadie and recycling bins
- April 28: staffing "Project YES" at Southside Fundamental school
- May 2-4: providing "Garbage is My Bag" presentations at 6 schools

Teacher Workshops:

- Recruiting teachers for "trade days" June 11-14
- Will select stand-outs for a paid focus group to help us improve our educational resources

Charity Free Disposal Allowance

- 2 charities applied outside of the annual review period and were evaluated by SWO staff. Our recommendations are as follows - note that allowances will be pro-rated for the remainder of this fiscal year:
 - Upper Pinellas Association of Retarded Citizens (UPARC): 8 tons (4 tons for April-September)
 - St. Vincent de Paul, St. Petersburg: 60 tons (30 tons for April-September)
- SWO staff would like to present a revised policy for TMC vote on Charity Free Disposal Allowance at the next TMC meeting, May 23

Recycling Sub-Committee

Municipal Recycling Grants Update

- Proposed changes to grant procedures deemed unworkable by Utilities

- Current grant procedures clarified
 - Following approval of the County's budget, cities will be notified of their share which is allocated on a per capita basis (September-October)
 - Re-allocation of funds will only be provided in the case of a city declining their share of the grant
 - Reimbursement requests should be submitted quarterly and include: Reimbursement Request Form signed by an authorized representative of the municipality
 - Signed proof of purchase (receipt, check, etc.)If necessary, a memo explaining how the purchase or portion thereof is related to the city's recycling program
 - Final reimbursement requests are due September 15
 - No "leftovers" will be reallocated
 - All unspent grant money will be deposited into the Solid Waste Reserve Fund
- Cities are encouraged to use 1-page summaries of municipal recycling programs available at <http://www.pinellascounty.org/utilities/recycle-waste.htm>
- The Recycling Subcommittee's next meeting will be Thursday, May 3, from 9:30-11:00am (one week earlier than usual).

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- The next TMC meeting is scheduled for May 23, 2007.