



## SOLID WASTE OPERATIONS REPORT

July & August, 2007

### September 26, 2007 TMC Meeting

#### SYSTEM PERFORMANCE SUMMMARY:

	<u>July 2007</u>	<u>August 2007</u>
Tons to Plant	84,102	83,721
Total Landfilled	<u>8,952</u>	<u>14,148</u>
<b>Total System Tons</b>	<b>93,054</b>	<b>97,869</b>

#### PLANT:

- In July a total of 37,766 megawatts were sold.
- Boiler availability was 89%
  
- In August a total of 38,472 megawatts were sold.
- Boiler availability was 91%

#### LANDFILL:

- The SWFWMD permit modification has been submitted. This covers the Pond "A" dredging, Pond "A" shoreline stabilization, and the slurry wall replacement.
- The FDEP construction application for 118<sup>th</sup> Avenue slurry wall relocation project has been submitted.
- The Bridgeway Acres FDEP NPDES permit renewal has been submitted. This covers the surface water discharges from Pond "A" during wet weather events.
- We are moving forward with the BWA gradient control project. This will help bring all the gradient wells into compliance.
- We are working with PBS&J to develop a better and safer road pattern at the landfill, especially in the area immediately past the scales.

#### HEC<sub>3</sub> & MOBILE COLLECTIONS:

- In July we had 1,739 HEC<sub>3</sub> participants.
- In August we had 1,799 HEC<sub>3</sub> participants.

- There has been one mobile collection in September at the City of Largo Solid Waste and there were 723 participants.
- The next mobile collection will be on September 22<sup>nd</sup> at the Gulfport Recreation Center.

#### **CURRENT ACTIVITIES & ISSUES:**

- Cleanup of the gun range will be completed this month. The County is waiting on the designs for improvements that will comply with gun range BMP's prior to the Sheriff's Department reopening the range.
- The Lealman Collection franchise continues to go well. In the future, we will only report this as an exception item.

#### **CAPITAL IMPROVEMENT PROJECTS:**

- Design work for the new (replacement) lime softening system to treat Pond "A" water for use at the cooling tower at the WTE facility is underway, and we expect to receive the final design early next year.
- The County is evaluating alternative disinfection methods, with a goal of eliminating the use of gaseous chlorine at the site due to potential hazards associated with the compressed gas. Gaseous chlorine is currently used to treat Pond "A" water, both at the pond and at the WTE facility.
- We are still waiting the advertising for construction of the new hand unload facility and the new HEC<sub>3</sub> facility.
- The Pond "A" embankment stabilization project and dredging project are in the final design stage.
- We are moving forward with our project to acquire new scalehouse software including capability for unattended scales and the use of credit cards.
- The study to evaluate the feasibility of a transfer station located in the North County area is nearly complete. The results will be presented at our next TMC meeting.

#### **WASTE-TO-ENERGY FACILITY:**

- All exterior siding and the northern portion of the existing ash processing building have been demolished. Construction of the slab for the new building will begin in September.
- Designs and specifications for several additional capital projects have been received and reviewed by the County. Building roof replacement and replacement of the circulating water lines are scheduled for late fall.
- The boiler and grate work on Boiler 3 will be performed starting in mid to late January, and this unit will be out of service for approximately 100 days. We will need to divert some waste to the landfill during this period. There will be a cold

iron outage associated with this project and specific dates for this outage have not yet been provided.

- The Secondary Punchlist for items needing repair at the plant that had not been identified prior to contract award has been finalized, and is now being priced.
- The addition of a traffic control manager at the WTE tipping floor has been very effective in reducing lines at the tipping floor, resulting in a reduction in the need to divert loads to the landfill due to lines.

## **RECYCLING/WASTE REDUCTION:**

### **WASTE REDUCTION:**

- Valerie Lane has accepted a position with the City of Dunedin as their Sustainability Coordinator. SWO has hired Tom Roberts to fill the vacancy left by Valerie.
- In July, 157 people received tours and presentations by Solid Waste staff, including 64 students and 93 adults.
- July Events and Other Outreach - On July 20th, SWO staffed a booth and provided recycling for the Van's Warped Tour. Over 1,100 pounds of recyclables were collected.
- In August, 57 people received tours and presentations, all of which were adults.
- August Events and Other Outreach
- On August 17th, at Pinellas County Schools' Secondary Science Teacher Workshop
  - Two sessions with 41 teachers in attendance, plus exposure of new material packets to all Pinellas County secondary science teachers.
  - Debut of "No Such Place as Away" tour guidebooks and teacher's guides
- On August 18th, Jordan Park Community event in St. Petersburg
- Upcoming Events:
  - On October 27th – Pinellas Recycles Day during the Country Jubilee at Pinewood Cultural Park/Heritage Village in Largo
  - On November 14th – Great American Teach-In / America Recycles Day – PCU is recruiting people from the TMC and Recycling Subcommittee to give school presentations on this date. We are providing videos, classroom activities, and take-home materials to those who volunteer. If you are interested in participating, please call Rick Clarke for details.
- Special Projects:
  - Thanks for everyone's cooperation on the fall waste sort – final results for both seasons of the 2007 Waste Composition Study are expected in December.
  - The TMC will be voting on the Charity Free Disposal Allowance recommendations for FY07-08 (see attachment).

### RECYCLING SUBCOMMITTEE:

- September 5th meeting updates
  - Municipal Recycling Grants
    - Deadline for final reimbursement requests is September 15th
    - For FY07-08, send reimbursement requests directly to Lisa Ledoux in Utilities Finance Dept.
    - FY07-08 grant allocations will be sent in October – cities that do not confirm their intent to participate by December 28th will forfeit their allocation, which will then be redistributed on a per-capita basis to those cities that have confirmed their intent to participate
  - St. Pete Recycling is now collecting mixed paper from all schools that they service in Pinellas County. Previously, St. Pete only collected newsprint and white paper.
  - Pinellas County Schools is seeking grant funding to initiate a C&D recycling program, and to purchase playground equipment made from post-consumer recycled materials.
  
- The next Recycling Subcommittee meeting is scheduled for Thursday, November 8th, at 9:30am.
  
  
- The next TMC meeting is scheduled for November 28, 2007

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