



SOLID WASTE OPERATIONS REPORT

July & August, 2008

September 24, 2008 TMC Meeting

SYSTEM PERFORMANCE SUMMMARY:

	<u>July 2008</u>	<u>August 2008</u>
Tons to Plant	63,950	42,756
Total Landfilled	<u>26,639</u>	<u>42,166</u>
Total System Tons	<u>90,589</u>	<u>84,922</u>

PLANT:

- In July a total of 7,391 megawatts were sold.
- Boiler availability was 71.72%

- In August a total of 8,036 megawatts were sold.
- Boiler availability was 47.46%

LANDFILL:

- The Landfill Services Contract between the County and Veolia Inc. was finalized and approved by the BCC.
- The County's Landfill Engineering Services contract was awarded to CDM and approved by the BCC on July 22nd.
- The project to plant native vegetation near the Lakes subdivision has been completed.
- Florida Gateway Development LLC, under the license agreement with the County, will conduct a study in late September, 2008 to determine the thickness of soil covering the waste at the Toytown landfill. This is the first step in the process of due diligence.
- The landfill is receiving roughly 1,000 tons per day as the WTE continues its diligent work on the generator replacement. County staff has been aggressively monitoring compliance of the landfill during this time.
- The landfill had no adverse affects from Tropical Storm Fay.
- We have initiated work on the 5-year renewal of our BWA Landfill Permit. This is a major undertaking.

- The County plans to move the landfill operations to a new Class I landfill north of the existing area. This move will occur before the end of the year as plans are finalized and approved by FDEP.

HEC₃ & MOBILE COLLECTIONS:

- In July we had 1,920 HEC₃ participants; in August we had 1,895.
- There were no mobile collections during July and August.
- The mobile collection held on September 6th at the City of Largo Solid Waste had a record 811 participants. Largo's employees did an excellent job handling the record number of participants.
- The next scheduled mobile event will be held on September 20th at Gulfport Recreation Center.

CURRENT ACTIVITIES & ISSUES:

- On September 9, 2008, the BCC directed SWO to proceed with implementation of the Curbside Recycling Program. We will keep the TMC apprised as the program is developed.
- Work on the Beach Recycling Program and Litter Program is continuing.
- The Tortuga has been put up for sale. We are moving forward with plans to continue the Reef Program through contracts.
- Our survey on Solid Waste collection in the unincorporated County was completed in July.
- The scalehouse software procurement project is underway. The final draft of the RFP is expected to be issued in September.

CAPITAL IMPROVEMENT PROJECTS:

- We have received our final permit from FDEP for the relocation of the slurry wall along 118th Avenue. A Joint Purchase Agreement (JPA) between the County and FDOT has been approved by both parties. This project is expected to be bid in October with construction commencing in January, 2009.
- The new HEC₃ facility is out to bid with bids due on September 23, 2008.
- The new Hand Unload Facility has been issued for bids.
- The Pond "A" embankment stabilization project is being scheduled for bidding in late October. The Pond "A" dredging project will be delayed until completion of the embankment stabilization project.
- The improvements to our scalehouse project are being finalized for bidding.
- The work on the replacement of the lime softening system to treat Pond "A" water for the cooling towers is underway. The design report has been received and is

under review. Following this review, decisions will be made as to how best to continue with this project.

- The design of improvements to the gradient system around BWA has been received. A Scope of Work is being prepared to start the work. This is a major project and may be constructed in phases.
- We are also initiating a project for final closure of some of the landfill slopes around the active Class I landfill area.

WASTE-TO-ENERGY FACILITY:

- On Saturday, May 17th the WTE facility experienced a major failure of Turbine/Generator #1. This 50 MW machine generates 65 to 70% of total electricity sold. A replacement generator has been located. This unit requires minor modifications and significant maintenance type repairs before being put into service. The current projection is to have the generator back online in mid-November.
- Due to the failure of TG-1, we are only able to operate two of the three boilers. During August, the plant had one week of scheduled cold iron (all three boilers down), which was necessary for certain electrical testing and repairs required due to the generator failure.

- **Construction Exhibits Progress Report:**

Exhibit 1 - New ash processing building is complete and in service.

Exhibit 2 - No additional work scheduled on this exhibit until 2009.

Exhibit 3 - Work on this exhibit has been completed.

Exhibit 4 - Elevator replacement should be completed in September.

Exhibit 5 - Construction of the new solids dewatering filter press should be completed in September, 2008. Work on labeling facility piping and components has been initiated. The new carbon feeders will be installed in March, 2009.

Exhibit 6 - Work on this exhibit has been completed.

Exhibit 7 - Construction of the new spare parts warehouse is behind schedule, but should be completed in October.

Initial Punch List - As of August 31, Veolia has completed 172 out of 275 items (25 items completed in June, 23 completed in July, 32 completed in August).

Secondary Punch List - As of August 31, Veolia has completed 70 out of 261 Items (1 item completed in June, 2 completed in July, 10 completed in August).

Extended Punch List - We continue working with Veolia to finalize the scope of work and repair cost estimates for those items that did not pass inspection / testing. Repairs have been initiated for those items where the scope and cost have been agreed upon.

RECYCLING/WASTE REDUCTION:

- On September 9th SWO will take the Curbside Recycling Plan to the BCC for approval to move forward with this program.
- In July 78 citizens attended tours; in August 94 citizens attended SWO facility presentations and tours.
- “The Ugly Duck’s Journey to Away” performance has been scheduled for 12 elementary schools from September 3rd – 19th (26 total). Initial reviews from teachers has been excellent.
- Upcoming Events:
 - SWO is drafting comments on HB7135 to discuss at a public meeting hosted by FDEP in Orlando on September 22nd.
 - SWANA’s WASTECON 2008 is scheduled for October 19th – 21st
- Charity Recycling Incentive – Tipping Fee Waivers for FY’08 – ‘09 attached

RECYCLING SUBCOMMITTEE:

- The Recycling Subcommittee voted unanimously to support the Charity Disposal Allowance recommendations.
- The next Recycling Subcommittee meeting is November 13th @ 9:30 am.

[The next TMC meeting is scheduled for October 29, 2008](#)

Utlsw06/TMCOperationsReport2008.doc

Attachments:

TMC Minutes 6/25/08

TMC Operations Report July/ August 2008

TMC Special Meeting Minutes – Curbside Recycling 8/28/08

CIP Report ending 7/31/08

CIP Report ending 8/31/08

Charity Disposal Allowance Recommendations

TMC Attendance Register

Updated TMC Membership List

Revised TMC Meeting Schedule