



SOLID WASTE OPERATIONS REPORT
September & October, 2005

November 23, 2005 TMC Meeting

PLANT:

- In September a total of 27,442 megawatts were sold.
- There were ten diversions in September.
- Boiler availability was 68.94%

- In October a total of 18,163 megawatts were sold.
- There were seventeen diversions in October.
- Boiler availability was 43.32%

LANDFILL:

- Excavating work continues at the Class III Landfill to expand the site.
- We have begun the removal of several old leachate treatments ponds at Toytown.

SYSTEM PERFORMANCE SUMMMARY:

	<u>September 2005</u>	<u>FY 04/05</u>	<u>October 2005</u>
Tons to Plant	56,679	920,053	36,374
Total Landfilled	<u>37,188</u>	<u>207,440</u>	<u>61,726</u>
Total System Tons	93,867	1,127,493	98,100

HEC₃ & MOBILE COLLECTIONS:

- In September we had 753 residents participating in our programs.
- There were two mobile collections in September. Largo had 531 participants and Gulfport had 195. In October there were three mobile collections; Tyrone Home Depot & Circuit City had 512 participants, Safety Harbor had 434 and the Palm Harbor Home Depot Mobile Collection was moved to Solid Waste due to Hurricane Wilma with 222 participants.
- The next collection will be in St. Pete on November 5th.

CURRENT ACTIVITIES & ISSUES:

- Solid Waste Operations is reviewing the final draft of the Site Water Management Plan. Following the final report, we will be developing a schedule to implement the various improvements recommended.
- We have responded to a second request for information from DEP on the proposed landfill height increase. If there are no further information requests, we should receive the notice to issue the permit shortly.
- The work on modifying Code 106 permitting activities continues. A letter has been sent to all the cities making them aware of the proposed changes. The Code revisions are expected to go to the BCC for approval shortly.
- Kessler Consulting has completed its report evaluating options for the future beneficial uses of the Toytown Landfill. It has been distributed to other agencies to assist them in evaluating options for the use of the site.
- A draft ordinance and draft Invitation to Bid for franchise collection in the Lealman area have been completed. They will go to the BCC for approval on December 6, 2005.
- Solid Waste Operations completed a customer survey conducted over a two-week period. We are compiling the results and expect to have them soon. This survey was collected during the plant outage. We will be conducting another one soon to compare the differences in opinion when all systems are up and functioning.
- On September 22nd and 23rd, the cone sections on the spray dryer absorbers (SDA) on Units #2 and #3 collapsed at the WTE facility. The SDA on Unit 1 was also in questionable condition. The entire WTE facility was shutdown. All three SDA's were repaired and the facility returned to normal operation the week of October 23rd. During this outage period, all waste received was landfilled. We are investigating the causes of the failures. We want to thank all our customers for their cooperation and patience during this period.
- Solid Waste Operations is in the process of hiring an individual for a new position of Franchise Coordinator/Debris Manager. This position will manage the Lealman collection franchise and any other collection activities as well as being responsible for our debris management programs.

CAPITAL IMPROVEMENT PROJECTS:

- We are continuing to develop the design and bid specifications for the dredging of Pond A. Based upon the final review of the Site Water Management Study, a final decision will be made as to the depth to which to dredge the pond.
- The design and bid specifications for the stabilization of Pond A bank embankment are being finalized. This project is expected to go out to bid early next year.
- The new contractor's office and maintenance building, truck wash facility and new Solid Waste Maintenance and storage building are under construction. Completion is expected next summer.
- The new HEC₃ facility is going out to bid.
- The new citizen hand-unload facility will also be going out to bid shortly.

- The project to relocate our main lift station has been bid. An award is expected in early January.
- The specifications for the purchase and installation of four new scales is out to bid at this time.
- We continue to implement a SCADA system at our site.
- The designs of the new WTE facility operator administration building and conversion of the existing administration building into a shower/locker room facility are complete. The construction of these buildings is awaiting completion of the new HEC₃ facility.
- The preliminary investigation for the design of the refurbishment of the underdrain system at the Toytown Landfill is underway.
- The investigation and design work to relocate our slurry wall along 118th Avenue to accommodate the extension of CR 296 down onto the median of 118th Avenue is underway. The project needs to be completed by the end of 2006 to meet FDOT's construction schedule.

WASTE-TO-ENERGY FACILITY OPERATOR PROCUREMENT PROCESS:

- Kelsi Oswald has been promoted as the new Waste-to-Energy Facility Program Manager. Her responsibilities will include overseeing and administering the new contract, monitoring all WTE facility operations, and coordinating all work at the facility.
- The drafts of the new Operating Agreement and Construction Agreement are basically ready for issuance.
- The draft Request for Proposals (RFP) incorporating the above documents is being finalized.
- We continue to evaluate and move forward with the work to develop identified capital projects into a form for inclusion in the RFP. These projects, taken together, represent a significant investment in the WTE facility, which is over 20 years old. These improvements will help ensure the viability of the facility into the future and significantly reduce the risk and expected service fee from the facility operator.
- A BCC Workshop has been scheduled for January 17, 2005 to present the above documents. Issuance of the documents to the pre-qualified vendors is expected in early February.

RECYCLING/WASTE REDUCTION:

- "Trash Talk" and "One Person's Trash" newsletters were distributed to area schools.
- In September there were 4 tours given, with a total of 29 participants, and 4 presentations with a total of 266 participants.
- In October there were 5 tours given, with a total of 67 participants, and 5 presentations with a total of 159 participants.

- Pinellas Recycles Day was celebrated at the Country Jubilee Festival at Heritage Village (Pinewood Cultural Park) in Largo on Saturday, October 29. (This event was rescheduled from October 22 due to uncertainty about Hurricane Wilma's path.)
 - Total attendance ~7500
 - Pinellas Partners in Recycling staffed a recycling information booth at the main entrance and a "Create-A-Critter" activity in the children's section, where approximately 150 participants turned donated "waste" into art. An article about the event is available at www.pinellascounty.org/utilities.
 - Thanks to the following partners for providing event staff: Clearwater, Largo, Safety Harbor, St. Petersburg, and Pinellas County Utilities (Conservation Resources and Solid Waste Depts.)
 - Thanks all who collected "critter" materials. All left-over materials were taken to A Gift for Teaching of Pinellas for distribution to schools
- During September and October, Recyclin' Roadies were deployed to concerts in Coachmen Park (Clearwater) and Pinellas Recycles Day at the Country Jubilee (Pinellas County). Recyclin' Roadies are scheduled to be at events in Dunedin from November 11-20 and tentatively in Clearwater's holiday parade on December 9.
- Treasure Island, St. Pete Beach, and Redington Shores have agreed to participate in Pinellas County's innovative beach recycling grant from the Florida Department of Environmental Protection (FDEP). Kessler Consulting, Inc. and Pinellas County Parks Department are also participants.
- The 2004 Municipal Solid Waste (MSW) Report for Pinellas County was submitted to FDEP on November 1. Highlights include:
 - 1,939,448 tons of MSW generated (11.29 pounds/person/day)
 - 599,404 tons recycled (31% adjusted recycling rate)
- Participants in the fiscal year (FY) 2004-2005 municipal recycling grants left \$12,848.75 unspent, which was subsequently deposited in the Solid Waste Reserve Fund. The following cities committed to participating in the grant, but requested no reimbursements: Belleair (\$2,208), Indian Shores (\$965), North Redington Beach (\$830), Oldsmar (\$7,386), Redington Beach (\$856).
- Invitations to participate in FY 2005-2006 municipal recycling grants are being distributed. A written response is required, preferably an email to Andy Fairbanks (afairban@pinellascounty.org). Cities having difficulty spending their allocations are encouraged to contact local schools about funding improvements that involve recycling or waste reduction.

Utlnw06/TMCOperationsReport2005.doc

Attachments:

Diversion Report

Enforcement Activities

HEC3 Report

Financial Summary

Level of Service Report

Mulch Report

Tonnage Report