



## SOLID WASTE OPERATIONS REPORT

July & August, 2005

### September 22, 2005 TMC Meeting

#### PLANT:

- In July a total of 41,576 megawatts were sold.
- There were two diversions in July.
- Boiler availability was 95.14%
  
- In August a total of 37,065 megawatts were sold.
- There were three diversions in August.
- Boiler availability was 90.04%

#### LANDFILL:

- We received the final permit for the Toytown Landfill renewing our closure permit.
- Work has begun excavating the Class III Landfill for expansion of the site.
- Grading and fill work continue at the Toytown Landfill to address erosion and stormwater requirements.

#### SYSTEM PERFORMANCE SUMMMARY:

	<u>July 2005</u>	<u>August 2005</u>	<u>Fiscal YTD</u>
Tons to Plant	83,550	85,460	863,375
Total Landfilled	<u>10,284</u>	<u>9,583</u>	<u>170,251</u>
<b>Total System Tons</b>	<b>93,834</b>	<b>95,043</b>	<b>1,033,626</b>

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

- In August we had 1,209 residents participating in our programs.
- There were no mobile or Haz-to-Go collections this month.
- In September there were two mobile collections; the City of Largo Solid Waste on September 10<sup>th</sup> and the City of Gulfport on September 24<sup>th</sup>.
- The City of Largo mobile collection on September 10<sup>th</sup> was a success with 531 residents participating at this event.

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

- The Pilot Beach Recycling Program is being prepared in detail and is scheduled for implementation in early 2006.
- The final draft of the Site Water Management Plan is being prepared by CH<sub>2</sub>M/WCG Joint Venture has been reviewed and comments submitted. The final report is due the end of September.
- The permit modification to increase the permitted height of the landfill was submitted to FDEP. A request for additional information was received and a response sent to FDEP in August. We hope to receive the notice to issue the permit by the end of September.
- The work on modifying Code 106 permitting activities continues. The changes required in the Ordinance are expected to go to the BCC in the fall. The proposed change limits Code 106 permits only to disposal sites. Please check with your city zoning to ensure this will not be an issue for them.
- Kessler Consulting has completed a draft report evaluating options for the future beneficial uses of the Toytown Landfill. Our comments were submitted in response and a final report is expected in October. This report will be used as a guide to assist decision makers in final use of the site.
- The implementation of franchise collection in the Lealman Area is well underway. The development of a draft ordinance and a draft franchise agreement are proceeding forward. We are coordinating with the Tax Collector to meet the requirements to place the collection fee on the tax bills. This program will be implemented in January 2007.
- Solid Waste Operations will be conducting a customer survey during the week of September 26<sup>th</sup>. Survey cards will be handed out to customers upon their arrival and a drop-off box has been located on the exit road so that the drivers can drop their completed surveys off. We ask that you encourage your drivers to complete and submit the survey cards so that we can improve our service to you.
- The Maintenance Section has completed a substantial effort to cleanup and landscape the Sod Farm along the east side of 28<sup>th</sup> Street. It has resulted in a much more attractive area.
- Under Tarpon Ridge, Inc.'s licensing agreement, they will be installing a test planting of trees on the berm on the south side of the Sod Farm as part of the program to provide screening from the development to the south.
- New Scalehouse software has been installed recently, which will assist us in improving our service. Everything is working well.
- Solid Waste Operations continues to work on the County's Debris Management Program and development of an Interlocal Agreement to coordinate services.

## **FUTURE ACTIVITIES & ISSUES:**

- Design preparation is underway for the regrading of the slopes on the Class I Landfill to prepare for closure of this section.

### **CAPITAL IMPROVEMENT PROJECTS:**

- Design and bid specifications for the dredging of Pond “A” and the stabilization of the pond embankment are being completed. These projects may be separated into two projects. The depth which to dredge Pond “A” is a major issue considering water supply and surface water storage tradeoffs.
- The contractor’s, maintenance, truck wash and storage buildings have been awarded and work is underway.
- The new HEC<sub>3</sub> facility and citizen hand unload facility are expected to be placed out to bid in October as two separate projects.
- The relocation of the new main lift station is also expected to go out to bid in October.
- Specifications for the purchase and installation of four new scales is complete and the bid package is being assembled. The project should be out to bid in November.
- We are implementing a SCADA system initially focusing on our pumps, meters and alarms. We plan to expand the system to include all of our monitoring systems in the future.
- The design of the new WTE facility operator administration building and the conversion of the existing administration building to a shower/locker room facility is 90% complete. The timing of construction of these facilities is dependent upon completion of the construction of the new HEC<sub>3</sub> facility.
- Initiation of the design for the refurbishment/replacement of the underdrain facility at the Toytown Landfill is underway. This work is required to improve our gradient management at the landfill.
- Over the past several years, we have been working with FDOT regarding the extension of CR 296 down onto 118<sup>th</sup> Avenue North. Eventually this roadway will turn to the north and link up with the Bayside Bridge. Our slurry wall is located in the median of 118<sup>th</sup> Avenue. Several alternatives for accomplishing this project have been investigated. Solid Waste has been given direction to relocate the slurry wall south of the current eastbound lane on 118<sup>th</sup> Avenue adjacent to Pond “A”. The project is required to be completed by November 2006 so that highway construction is not impeded. This is a complicated project involving significant design, construction and permitting issues. We have initiated this project and are proceeding as quickly as we can.

### **WASTE-TO-ENERGY FACILITY OPERATOR PROCUREMENT PROCESS:**

- The County has received a draft Operating Agreement and draft Construction Agreement for the project for our review.
- The draft Request for Proposals (RFP) incorporating the above documents is expected in early October.
- A number of capital projects to be included in the RFP have been identified and the work to develop them into a form for inclusion in the RFP is underway. Other capital projects are being investigated for potential inclusion in the RFP.
- The RFP is expected to be issued to the qualified firms in early 2006.

- On August 16, 2005 the BCC approved Amendment No. 8 to our current WPI Agreement to resolve a number of transition issues as well as to resolve other outstanding issues between the County and WPI.
- On August 17, 2005 the BCC approved Amendment No. 9 to our current WPI Agreement for several capital improvement value added projects including new turbine controls, refurbishment of boiler feed water pumps, installation of furnace gyrometers and additional parts for the boiler feed water treatment system.

### **RECYCLING/WASTE REDUCTION:**

- In July there were 6 tours given, with a total of 49 participants, and 3 presentations with a total of 210 participants.
- Recyclin' Roadies were used at Independence Day events in Clearwater and Dunedin, collecting 120 and 140 pounds of recyclables, respectively. Clearwater also used a Recyclin' Roadie for "Recycle Night" at a July 22<sup>nd</sup> Threshers baseball game, but the amount collected did not warrant tipping at the MRF.
- On July 29<sup>th</sup> we performed a workshop at the Pinellas County Schools' Secondary Science Teacher Training; we had 40 participants and received valuable feedback about our outreach programs.
- Re-launched an "expanded and energized" County Office Recycling Program, including more grades of paper and "3-in-1" boxes for cell-phones, rechargeable batteries, and printer cartridges. Site coordinators are being recruited for each office to help manage the program.
- In August there were 4 tours, with a total of 21 participants, and 1 presentation with 40 participants
- Staff attended the countywide PTA conference on August 20<sup>th</sup>.
- Andy Fairbanks has been promoted to Recycling/Waste Reduction Program Coordinator and Lora Ross (formerly with FDEP) has been hired as a Solid Waste Technician.
- Upcoming Events:
  - "Create-A-Critter" activity at the Country Jubilee in Heritage Village on Saturday, October 22<sup>nd</sup>. We are collecting knick-knacks and other scraps for children to reuse in this arts & crafts activity. Contact Andy Fairbanks @464-7546 for more information.
  - Recyclin' Roadies will be in use at the following events:
    - October 1<sup>st</sup> - 2<sup>nd</sup>, concerts in Coachmen Park, Clearwater
    - October 14<sup>th</sup> - November 21<sup>st</sup>, various festivals, Dunedin
    - October 22<sup>nd</sup>, Country Jubilee at Heritage Village, Largo

**Attachments:**

*Diversion Report*

*Enforcement Activities*

*HEC3 Report*

*Financial Summary*

*Level of Service Report*

*Mulch Report*

*Tonnage Report*