



## SOLID WASTE OPERATIONS REPORT

May, June, July, August, 2009

### September 23, 2009 TMC Meeting

#### SYSTEM PERFORMANCE SUMMMARY:

	<u>May 2009</u>	<u>June 2009</u>	<u>July 2009</u>	<u>August 2009</u>
Tons to Plant	64,737	68,878	75,432	70,711
Total Landfilled	<u>17,899</u>	<u>16,494</u>	<u>6,512</u>	<u>6,450</u>
<b>Total System Tons</b>	<b>82,636</b>	<b>85,372</b>	<b>81,944</b>	<b>77,161</b>

#### WASTE-TO-ENERGY FACILITY:

	<u>May 2009</u>	<u>June 2009</u>	<u>July 2009</u>	<u>August 2009</u>
Megawatts sold	32,860	31,007	25,983	29,390
Boiler availability	68.8%	80.69%	70.97%	75.3%
Turbine availability	88.5%	93.1%	88.7%	83.8%

#### Construction Exhibits Progress Report:

- Exhibit 2 – Replacement of boiler tubes and grates for Unit 1 is scheduled for September – November, 2009. Replacement of grates for Unit 2 is scheduled for January – March, 2010.

#### Secondary Punch List:

- As of August 31<sup>st</sup>, Veolia has completed 254 out of 261 items. Two of the remaining 7 items are scheduled to be completed in September and the balance is being completed in conjunction with the Exhibit 2 boiler work.

#### LANDFILL:

- The County's plan to move the landfill operations to a new Class I landfill (cell 5), north of the existing area, will be ready for waste before the WTE facility's scheduled outage in early September.

- On February 4, 2009 the County received a Request for Additional Information from FDEP regarding the permit application submitted on January 5, 2009. The County and its consultant, CDM, are still working on responses, which are now due to FDEP on October 9, 2009.
- On September 19, 2009 the BWA landfill will be hosting the SWANA 2009 International Rodeo's - Landfill Operator competition. This event is for 1<sup>st</sup> and 2<sup>nd</sup> place winners who have competed across the country.
- No new information with Florida Gateway Development LLC, under the license agreement with the County, to develop Toytown.

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

- In May we served 1,932 HEC<sub>3</sub> participants.
- In June we served 2,122 HEC<sub>3</sub> participants.
- In July we served 2,275 HEC<sub>3</sub> participants.
- In August we served 2,121 HEC<sub>3</sub> participants.
- There were no mobile collections during these months.
- There are two scheduled mobile collections for September; the cities of Largo and Gulfport.
- The new state of the art HEC<sub>3</sub> facility will open in September.
- The new recycling site, located at 4125 East Lake Road adjacent to the East Lake Library, opened in August.
- The SQG (Small Quantity Generator) program will be moving to Solid Waste October 1<sup>st</sup>. This group will be inspecting Small Quantity Generators for the proper handling of their wastes. The Small Quantity Generator (SQG) program inspected 44 businesses in June, 24 businesses in July and 50 in August. The County is responsible to build a database of businesses that have hazardous waste to dispose of and report that information for inclusion in the FDEP data base.

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

- We are in the process of finalizing negotiations with Paradigm Software for our new scalehouse software system.
- We are going to the Board of County Commissioners to seek approval for issuing the Bid Documents for the Curbside Recycling Program.
- A meeting with various City Managers is being scheduled to review the draft Interlocal Agreements for the Curbside Program. Implementation is currently planned for May 2010.
- Our Beach Recycling Program has been nearly finalized. Implementation will begin in October, 2009.

- On October 20, 2009, the Board will be considering a resolution to initiate the process to institute franchise solid waste collection in the unincorporated County.
- Solid Waste Operations is proposing a change in our Rate Resolution to eliminate flat rate for single axle trailers (see agenda item).

### **CAPITAL IMPROVEMENT PROJECTS:**

- Slurry Wall - All American Concrete Inc., who was awarded the contract to construct the new slurry wall along 118<sup>th</sup> Ave., began construction on March 28, 2009. The project is slightly behind schedule due to inclement weather and “learning curves” throughout this unique project. All American is gaining ground on the project and is expected to be completed October, 2009.
- Construction of the new HEC<sub>3</sub> facility began in February 2009. The new building is scheduled to open in September.
- The new Hand Unload Facility drawings have been finalized. The County’s consultant is currently making final changes based upon the contract review.
- The Pond “A” embankment stabilization project will be rebid due to potential County savings (alternative vinyl sheet product) identified during the initial bid process.
- The 90% drawings for the BWA Roadway Redesign project have been received by the County and are under review.
- Dredging of Pond “A” will be delayed until after the embankment stabilization project is completed.
- Design of the new water treatment system for Pond “A” is underway. A pilot study will be performed to determine the best treatment method for Pond “A” water.
- The final design of improvements to our gradient system around BWA is at 90% and currently under review.
- An investigation as to the feasibility of constructing a new HEC<sub>3</sub> facility in the north county area has is nearing completion.
- The Scalehouse Refurbishments are nearing completion. Thank you for your cooperation during this period.

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

- In May 1,372 citizens attended tours and presentations, including 1,146 students and 226 adults.
- During the months of June, July and August, a total of 644 citizens attended tours and presentations, including 366 students and 278 adults. The decreased participation is due to school being out for summer.

- Fourteen elementary schools received performances of “*The Ugly Duckling’s Journey to ‘Away’*” between March 6<sup>th</sup> and June 2<sup>nd</sup>, with a total audience of 5,575 students and 330 teachers.
- A waste assessment was performed at the Poynter Institute in St. Petersburg; based on changes made following SWO’s recommendations, Poynter estimates they will cut their waste management costs by 50%.
- Events supported or attended by Utilities staff include Relay for Life (May 8), Sexton Elementary Wellness Night (May 21), Hospice Health Fair (May 28), National Trails Day (June 6), Upper Pinellas Chamber of Commerce Summer Business Expo (July 9), Vans Warped Tour (July 26), and Multi-Chamber Business Showcase (July 29).
- Please see the attached allowances recommended for the FY 2009-10 Charity Reuse Incentive program. A TMC vote for approval is respectfully requested.

#### **RECYCLING SUBCOMMITTEE:**

- On September 10<sup>th</sup>, the Recycling Subcommittee voted to approve the attached charity recommendations
- The next Recycling Subcommittee meeting is scheduled for November 12<sup>th</sup> @ 9:30 am.

**[The next TMC meeting is scheduled for November 29, 2009](#)**

#### *Attachments:*

*TMC Minutes*

*TMC Operations Report*

*Charity Disposal Allowance Recommendations*

*TMC Attendance Register*

*Updated TMC Membership List*

*Utlsm06/TMCOperationsReport2009.doc*