



SOLID WASTE OPERATIONS REPORT

November & December, 2007

January 30, 2008 TMC Meeting

SYSTEM PERFORMANCE SUMMMARY:

	<u>November 2007</u>	<u>December 2007</u>
Tons to Plant	67,846	74,743
Total Landfilled	<u>18,835</u>	<u>10,145</u>
Total System Tons	86,681	84,888

PLANT:

- In November a total of 33,464 megawatts were sold.
- Boiler availability was 77.87%

- In December a total of 39,544 megawatts were sold.
- Boiler availability was 88.07%

LANDFILL:

- We are in the process of bidding our landfill services contract for the next seven years. Our current contract with Veolia ends on March 31, 2008. The contract is in review and expected to go out in late February or early March. We will be extending our current contract on a month-to-month basis until the new contract becomes effective.
- In October, FDEP conducted an inspection of our facility. Several deficiencies, housekeeping in nature, were noted. Corrective actions were immediately taken. We met with FDEP and may have to pay a small fine. The Class III area is still closed, we are waiting on FDEP guidance and the conclusion of the February WTE outage.
- Extensive regrading work has been going on in the Class I area on the South side for erosion control.
- Our new Operations Manager has made considerable aesthetic improvements including covering all the ash with mulch throughout both the South and West landfill area. The landfill contractor has been directed to ensure and excel in efficient landfill practices and operations. This is being reinforced daily by the Operations Manager and his team with additional site visits and increased communications.
- The Maintenance Section has been upgrading and installing new landscaping around our facility, significantly improving its' appearance. This work is continuing.

- SW staff and the landfill contractor are preparing for an outage scheduled for February 4th – 16th by ensuring that the proper equipment is staged and in good working order to handle increased tonnage. The disposal area was previously and strategically moved to allow for easy access and sufficient tipping space.
- The shallow ponds behind the WTE facility along 28th Street are being filled to provide additional parking for all the contractors at the WTE facility during construction.

HEC₃ & MOBILE COLLECTIONS:

- In December we had 1,176 HEC₃ participants.
- In November we had 892 HEC₃ participants.
- There was one mobile collection in November at the St. Pete Kmart with 307 participants.
- The next mobile collection will be held on January 26th at East Lake High School.

CURRENT ACTIVITIES & ISSUES:

- All FDEP permit reporting for the annual, semi-annual, quarterly, and monthly reports were due on the same day. All reports were completed and submitted on time.
- The draft report evaluating management options for continuation of the Reef Program has been received and is under review. Solid Waste is drafting up a summary of options for operations for presentation to the BCC.
- We are currently in the process of investigating software systems to replace our existing system. The Scalehouse software review process is still underway and a Project Manager from IS has been assigned.
- The BCC is negotiating the future use of the Toytown Landfill with the successful developer from the RFN process.

CAPITAL IMPROVEMENT PROJECTS:

- We are still waiting to bid the new Hand Unload Facility and the new HEC₃ Facility. The bidding has been delayed because of problems with the contract documents, which we hope to resolve soon.
- The Slurry Wall Relocation Project along 118th Avenue is in the final permitting stages. Construction of the project is dependent upon the finalization of an MOU between the County and DOT which will include delineation of payment for the work, and the approval of the remediation plan is being prepared by FDOT.
- The Pond “A” embankment stabilization project and dredging projects are also being finalized for bid.
- We received a draft report on design criteria to improve and upgrade our gradient control system around Bridgeway Acres, which has been reviewed and comments forwarded.
- The improvements to upgrade our Scalehouse complex are being finalized.

- Design work for the new (replacement) lime softening system to treat Pond “A” water for use at the cooling tower at the WTE facility continues. We expect to receive the final design early this year. The new design will eliminate use of gaseous chlorine.

WASTE-TO-ENERGY FACILITY:

- There will be a cold iron outage from February 4th through the 16th, 2008. We will be in full diversion during the cold iron outage.
- All seven construction exhibits for the new contract have been initiated:
 - Exhibit 1 - Construction of the new ash processing building is proceeding on schedule.
 - Exhibit 2 - The boiler and grate work on Boiler 3 will be performed starting January 20th, and this unit will be out of service for approximately 85 days. We will be diverting some waste to the landfill during this period.
 - Exhibit 3 - Protective relay and busway replacement will be performed during the cold iron outage. Work to integrate the burner management system with the DCS has been completed for all three units. Software has been purchased that will allow the County remote, real-time access to all operating data; installation and programming are ongoing. Work to repair and upgrade the Continuous Emissions Monitoring (CEM) system will be performed during the boiler outage.
 - Exhibit 4 - The Building roof replacement work has been completed. The new crane operator pulpit has been designed and constructed, and will be lifted into place during the cold iron outage in February. Replacement of the elevators will commence after the boiler outage has been completed.
 - Exhibit 5 - This exhibit includes a number of miscellaneous projects. Modifications to the fly ash conveying system will be performed during the outage, as will installation of a redundant lime slurry piping system. Designs have been finalized for installation of AC units in the crane electrical rooms; installation will occur during the boiler outage period. Design of a solid dewatering system has been initiated. Work on improving labeling and signage throughout the plant is ongoing, and the project to install new carbon feeders has been pushed back until later this year due to material availability.
 - Exhibit 6 - The new underground circulating water lines has been installed. Portions of the system will be above-ground. Tie in to the turbines will occur during the cold iron outage.
 - Exhibit 7 - Design of the new spare parts warehouse is nearing completion.
- The Secondary Punchlist has been finalized and work has begun on repair of the more critical items.
- Testing of certain plant equipment identified in Schedule 19 of the contract will be performed during the outage; failures will be repaired as Extended Punch List items.

RECYCLING/WASTE REDUCTION:

- In November we had 622 citizens attend tours and/or presentations.

- In December we had 492 citizens attend tours and/or presentations and two Waste Assessments were performed; one at Hooters (Corporate Headquarters) in Clearwater and the second at the Palms of Largo.
- 2008 “*Recycle Today for a Better Tomorrow*” directories were distributed in the St. Petersburg Times on Sunday, January 20th. Additional copies are available for distribution.

RECYCLING SUBCOMMITTEE:

- Municipal recycling grant notifications were distributed. All of the cities submitted Intent to Participate forms, therefore there will be no reallocation of funds.
- FY 2007-08 Distribution of Municipal Annual Recycling Reports – The following cities still have not turned in their reports; Belleair, Belleair Beach, Belleair Bluffs, Belleair Shores, Clearwater, Indian Rocks Beach, Indian Shores, Kenneth City, Redington Beach, Seminole, St. Pete Beach, and Tarpon Springs.
- Sherri Kennedy and Brenna Barrett were unanimously re-elected as Chair and Vice-Chair, respectively.
- The Pinellas County Schools Grant Request was endorsed by the Recycling Subcommittee by an 8-7 vote.
- The next Recycling Subcommittee meeting will meet at Solid Waste Operations in the Main Conference Room on March 13, 2008. The city’s and work group leaders will meet at 9:00 am followed by the entire subcommittee at 9:30 am.

- The next TMC meeting is scheduled for March 26, 2008

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