

**Department of Public Works and Transportation  
Montgomery County, Maryland**

***DIVISION OF SOLID WASTE SERVICES***



“Montgomery County’s Resource Recovery Facility, producing clean, renewable electricity for 40,000 homes, uses rail lines to keep 25,000 truck trips off County roads.”

***MONTHLY REPORT  
OCTOBER 2007***



*Printed on Recycled and Recyclable Paper*

# TABLE OF CONTENTS

<u>OVERVIEW</u> .....	3
<u>CITIZEN COMMITTEES</u> .....	4
<u>COLLECTIONS</u> .....	4
<u>WASTE MINIMIZATION</u> .....	9
<u>HAZARDOUS WASTE PROGRAMS</u> .....	9
<u>WASTE REDUCTION</u> .....	9
<u>AIR PERMITS AND ENVIRONMENTAL PROGRAMS</u> .....	9
<u>RECYCLING</u> .....	10
<u>PILOT PROGRAMS</u> .....	12
<u>FACILITY ACTIVITIES</u> .....	12
<u>OUT-OF-COUNTY HAUL</u> .....	15
<u>GENERAL INFORMATION</u> .....	16
<u>SOLID WASTE FACTS IN A NUTSHELL</u> .....	17
<u>GLOSSARY OF ACRONYMS</u> .....	18

# **OVERVIEW**

## **Tonnage at a Glance**

The following table shows key material flows during the current month, fiscal year to date (FY Total), and current calendar month in the two prior fiscal years. (County fiscal year 2008 began July 1, 2007.)

<b>FACILITY</b>	<b>Oct FY08</b>	<b>FY08 Total</b>	<b>Oct FY07</b>	<b>Oct FY 06</b>
Materials Recycling Facility <sup>(1)</sup>	8,043 tons	31,875 tons	8,206 tons	8,241 tons
Brunswick Landfill Facility <sup>(2)</sup>	26,567 tons	101,450 tons	22,218 tons	21,335 tons
Resource Recovery Facility <sup>(3)</sup>	52,960 tons	198,941 tons	44,612 tons	52,683 tons
Yard Trim Compost Facility	3,123 tons	10,030 tons	4,954 tons	3,890 tons

(1) MRF tons reported as outgoing.

(2) Refers to waste sent to the landfill for disposal (ash residue and nonprocessible waste). It does not include rubble and bulk natural wood waste that is recycled.

(3) RRF tonnage refers to tons burned (processed). Waste shipped from the Transfer Station but not burned is in the pit and is not included in the tonnage presented here. These tonnages are preliminary, with adjustments made in the September and December monthly reports.

## **Revenue Analysis and Systems Evaluation**

During October, program staff:

- Researched properties and entered necessary billing changes into the database;
- Continued discussions with contractor on Equity Enhancement approach on Task Order #25 regarding tonnage assumptions, generation rates, and number of businesses;
- Prepared monthly house counts for collection contractors;
- Processed vacancy refunds payable in October;
- Updated Access™ databases and Excel™ spreadsheets for monthly Refuse and Recycling Collection contractor reports;
- Continued routine research and correction of solid waste fee abnormalities as they emerge in the property tax database;
- Generated Hauler/Collector Credit Account invoices for October 2007 totaling \$1,540,812.46 (an increase of \$53,925.75 over October 2006);
- Updated the Aging Report (30-day arrearage was \$131.40 as of November 8, 2007);
- Completed the FY07 county-wide materials flow analysis;
- Completed processing non-residential appeals for FY08;
- Reconciled October 2007 tons to monies posted in FAMIS, as well as to the total dollars charged in Paradigm;
- Continued to update and verify information in the DSWS Fixed Asset Database.

## **CITIZEN COMMITTEES**

**Dickerson Area Facilities Implementation Group (DAFIG)** –The next DAFIG meeting will be held on Tuesday, December 11, 2007, at the Gothic Barn in Dickerson.

**Solid Waste Advisory Committee (SWAC)** – SWAC held its regular monthly meeting on Tuesday, October 2, in the Executive Office Building Lobby Level Conference Room. Nine SWAC members, five County staff and three guests were in attendance. SWAC members received an update on the Division’s research into the feasibility of single stream recycling as a viable option; at this time the County continues additional study and evaluation, and has reached no conclusion yet.

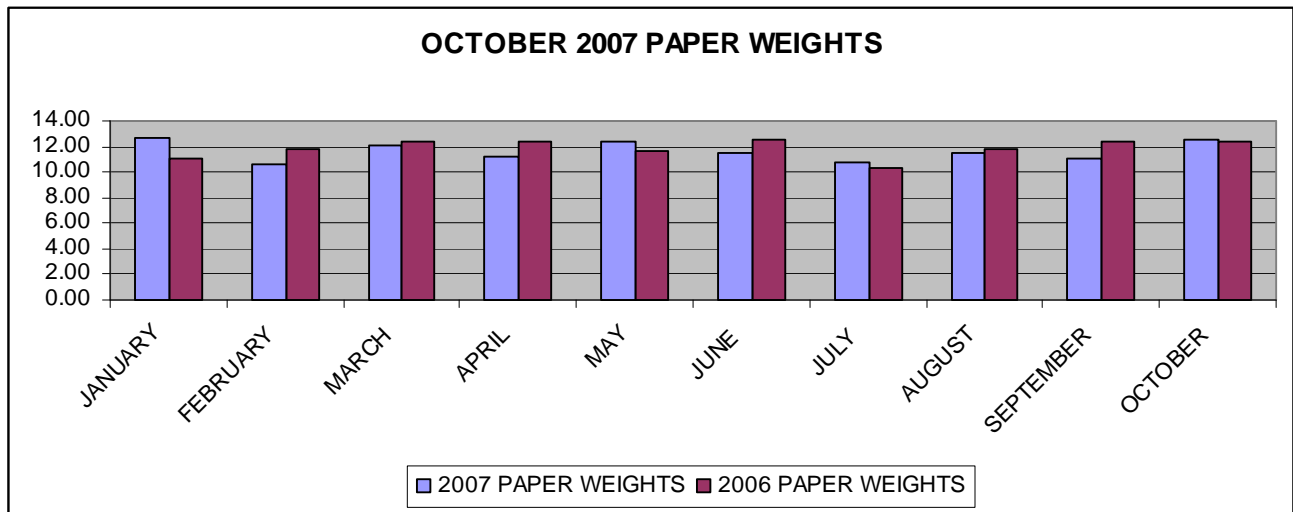
## **COLLECTIONS**

### **News**

- Sherwood Forest Manor/Kimblewick – 356 homes started County refuse collection on October 2, 2007.
- Sherwood Forest/Drumeldra Hills – 446 homes will complete voting on November 3, 2007. As of October 28, 75 percent of the total number of residents have voted yes. Of the total cards received (364) 92 percent have voted yes.
- Williamsburg Village/Cherry Valley – in the process of reworking the boundaries.

Residential Paper – The following are the paper recycling figures for the past ten months:

MONTH	POUNDS PER HOUSE 2007	POUNDS PER HOUSE 2006	DIFFERENCE
JANUARY	12.75	11.03	1.71
FEBRUARY	10.54	11.78	-1.24
MARCH	12.11	12.43	-0.32
APRIL	11.25	12.41	-1.16
MAY	12.34	11.69	0.65
JUNE	11.57	12.50	-0.93
JULY	10.79	10.36	0.44
AUGUST	11.52	11.84	-0.32
SEPTEMBER	11.07	12.44	-1.37
OCTOBER	12.60	12.45	0.15



**Enforcement Actions**

There were no citations issued this month.

One Notice of Violation (NOV) was issued under Chapter 48-24(b) – Improperly stored and permitted solid waste to accumulate.

**Resident Missed Collection Complaints:**

October 2007 Miss Total	116
October 2006 Miss Total	186
Difference	-70

**Call Center:**

Calls received	5,080
Emails received	1,339
Blue bins distributed	790

**Public Outreach:**

- **Survey Cards:**

The Up County field staff and our Public Service Worker distributed 925 survey cards in October and received 6.1% of the cards back.

	Excellent	Good	Average	Fair	Poor
Recycling Programs	97%	3%	0%	0%	0%
County Staff	95%	5%	1%	0%	0%
Collection Contractors	92%	5%	1%	1%	1%

- **Comments from Survey Cards:**

"I just loved having Jim Welch speak at my event. He was educated, involved, friendly, and kind. ☺"

"I really appreciate receiving an additional blue bin. How about 'carts' for yard trim and trash/garbage?"

"Can we have a garbage can (green) to match the blue recycling one? It will be much easier to bring to the street."

"They hardly ever use the lift which seems like a waste of time and dangerous to their health."

"I called to get a new bin when someone took ours and everyone was very helpful in returning my call and getting me a replacement."

"Excellent response and service on requested special trash collection."

"Thanks for getting the mattresses dumped on our street picked up so fast."

"Solid waste station is a marvel!"

"Let us recycle more stuff, like solo cups and McDonalds cups."

"We really miss the twice per week trash pick-up."

"I am home during the day and see the crews in action—they are all hard working and very professional. They do not leave cans and lids strewn in the street. Great work."

"The trash collectors seldom put my containers back where they were. I have to visit my neighbors to try and find my containers."

"Several weeks ago I complained to the recycling crew about their excessive speed in a residential neighborhood. When I said there are children walking to school and they could kill someone the driver responded 'I don't care.'" We then traded profanities."

"Always a friendly wave and hello to my kids who look forward to seeing them every week."

"Sometimes there is an orange sticker attached to our bins but no reason marked and they may or may not take our recyclables. Overall, I'm very glad we have the services."

"I wish the holiday schedule was more predictable or mailed to us."

"Very impressed with collection services, and your website. Containers are neatly replaced."

**Website Survey:**

For the month of October 58 residents responded to our website survey. The following are percentages detailing resident satisfaction with our recycling programs, crews, and collections staff:

	Excellent	Good	Average	Fair	Poor
Recycling Programs	75.9%	20.7%	1.7%	1.7%	0.0%
County Staff	77.8%	22.2%	0.0%	0.0%	0.0%
Recycling Crews	70.2%	21.1%	8.8%	0.0%	0.0%

• **Comments from Website Surveys:**

"Requesting the recycling bin was very efficient and easy. Keep up the good work!"

"Often, but not always, my bins are left in my driveway forcing me to stop my car in the middle of my street, move the bins to the side so that I can park in my driveway. Please remind the crews to not block driveways. Thanks."

"I wish you would recycle plastic grocery bags."

"I liked how easy it was to order a larger recycling bin on line and how quickly it came."

"This was a very easy site to find and to maneuver in and I appreciate the quick responses. Good job!!!"

"Overall, the service is great. However, your list of items that can be picked up in special collections is so arbitrary. It seems absurd that you will pick up a large cabinet but not a door. If I could fit the door in my car, I would have taken it to the transfer station myself."

"A good experience with setting up a special pick-up: staff responded quickly and answered questions in timely fashion—very good system."

“For the first time we had a bulk trash pickup that we arranged on the web site. It worked perfect—very efficient and the truck came about 8 a.m. and took all that we had put out. We will use this again. Thanks you for the good service.”

**Website:**

The following is information from the Montgomery County Solid Waste website through the month of October:

Email List Memberships

<b>Topic</b>	<b>Members</b>	<b>New Sign-Ups</b>
Holiday Reminder	11,459	262
HHW Announcements	2,916	38
Newsletter Helper	1,235	16
Facility Updates	677	13

Solid Waste Services Website

Unique Visitors	30,696
Page Loads	92,982

Chats

Live	30
Missed	25

Most Popular Web Pages

1. How to recycle/dispose of...
2. Transfer Station
3. Latex Paint
4. Bulk Trash
5. Holidays
6. Household Hazardous Waste
7. Curbside Recycling
8. Recycling Center
9. Scrap Metal
10. Computers and Related Electronics

## **WASTE MINIMIZATION**

<b>Product Recycled</b>	<b>Approximate weight recycled in October 2007</b>
Computers	77.42 tons
TVs	16.64 tons
Fire Extinguishers	0.47 tons
Propane Tanks	2.67 tons
Textiles	13.36 tons
Construction Materials (Don't Dump – Donate)	7.44 tons
Vehicle Batteries	48.60 tons

## **HAZARDOUS WASTE PROGRAMS**

**Household Hazardous Waste (HHW) Collection** – We had 5,452 patrons in October, and solidified 61 cubic yards of paint.

**Small Quantity Generator/ECOWISE Program** – There were 11 ECOWISE participants this month.

## **WASTE REDUCTION**

**Bicycle Recycling** – “Bikes for the World” restored and shipped 1.83 tons of bikes in October to countries worldwide.

**Paint Recycling** – The HHW Free Paint program gave away 384 gallons of paint to 23 people, and 1,050 gallons of paint were sent to Honduras.

**Straight Vegetable Oil (SVO) Recycling** – The SVO website to match people who have SVO powered vehicles with SVO generators has been up and running. It was featured on WAMU 88.5 FM radio and WUSA Channel 9 News. To hear both segments go to [www.montgomerycountymd.gov/veggieoil](http://www.montgomerycountymd.gov/veggieoil). To date, the program has 18 registered members including 2 restaurants. In October, 1.34 tons of SVO were recycled at the Transfer Station.

## **AIR PERMITS AND ENVIRONMENTAL PROGRAMS**

**Resource Recovery Facility (RRF): CEMS Tracking of RRF Emissions** – On October 2, the CEMS on Unit# 3 indicated CO, NOx, and HCl emissions exceeding permit limits. Covanta reported that this was due to an evaporator tube leak; the malfunction provisions of the Title V air permit exempted the excursions from regulatory action.

**Oaks Landfill Air Emissions and Energy Recovery** – SCS Engineers, Inc. continues to conduct monthly gas sampling and analysis at the Oaks under the Engineering Services Contract. Methane concentrations were sampled twice on October 17 (four hours apart) and again on October 19, at both the blower and flare inlet, and once on October 19, at the blower and flare inlet, totally six samples. Methane concentration averaged 44.3 percent by volume; and the gas flow rate measured once each day on October 17 and 19 averaged 1,167 scfm.

**TES Contract** – All of the instrumentation worked normally in October. Data recovery for all parameters was 100% for the month. The total rainfall for the month was 3.9 inches.

## **WASTE REDUCTION AND RECYCLING**

**Public Education and Outreach** – Staff continued work on the fall issue of the Civic and Community Leader newsletter which is expected to be mailed to all homeowner and civic associations in early November. Planning continues for the Division's America Recycles Day event scheduled for Saturday, November 17, at the Rockville Library. The event will increase awareness about the importance of waste reduction, recycling, and buying recycled products. In addition, compost demonstrations and craft-making activities using recycled items will be held throughout the day. This event is billed as part of the "Save the Planet Series" in partnership with the Department of Public Libraries.

**On-Site Composting and Waste Reduction Activities** – Staff continued work on developing two brochures featuring grasscycling and composting. The self-mailer on composting was mailed to 207,000 single-family households. A marked increase in the number of requests for compost bins was seen after the mailing. To encourage residents to compost their leaves this fall, 226 compost bins were given to residents during special events in October as well as those distributed through the Regional Services Centers and the Transfer Station.

**Recycling Investigations Unit** – Since the unit was established, 8,881 site visits and 1,560 formal investigations have been conducted. In October, 28 NOV's were issued for infringements against the recycling regulations and Chapter 48. Eleven citations were issued to businesses and multi-family properties for the following reasons: failure to recycle required materials, failure to provide and maintain an approved container for the storage of solid waste, and failure to maintain the premises by allowing solid waste to be stored outside of storage containers.

**Commercial Recycling and Waste Reduction** – The SORRT Program conducted 1,018 on-site visits of businesses and participated in 7 educational events that reached 568 people. Staff resolved nine complaints, delivered 869 recycling bins to small businesses, and responded to 80 requests for information ranging from requests for educational materials to presentations for property managers, tenants, and employees. Three Business Recycling and Waste Reduction Seminars will be held this fall to educate

businesses on Executive Regulations 15-04AM and 18-04 and how businesses can ensure compliance with the recycling regulations. These seminars will be held on Thursday, November 1, and Tuesday, December 11, at the Bethesda Marriott; and Thursday, November 8, at the Gaithersburg Marriott Washingtonian Center. Staff continues to evaluate the recycling programs of Montgomery County Public Schools (MCPS) and the development of the second issue of the quarterly SORRT Network Newsletter is underway.

**Multi-Family Recycling and Waste Reduction** – The TRRAC Program conducted 267 on-site visits to multi-family properties to monitor the status and progress of their recycling programs. Staff participated in four multi-family resident education events reaching 159 people, responded to 30 requests for information, delivered five apartment-size recycling bins to properties and residents, and resolved four resident complaints. Staff continued working with properties identified as having low recycling rates based on the data contained in the multi-family annual recycling reports. Sorting and weighing of recyclable materials began at 15 properties that were selected to participate in a study to update the recyclable material weight conversion table for the multi-family sector. This revised reference table will assist multi-family properties and County staff with estimating multi-family property recycling achievement. Planning continued for a Multi-Family Recycling and Waste Reduction seminar that will be held Tuesday, November 6, at the Gaithersburg Marriott Washingtonian Center. The seminar will educate multi-family property representatives, residents, and collectors on how to establish and maintain an effective recycling program in compliance with the recycling regulations. The fall issue of the TRRAC newsletter will be mailed to 704 multi-family property representatives on October 31.

**Mixed Paper Recycling** – Existing educational materials were distributed to residents at several events. Larger quantities of materials were also provided to homeowner associations and civic groups for their use and distribution.

**Volunteer Activities** – Seventeen volunteers provided approximately 75 hours of their time to support recycling activities, including one volunteer recycling block captain contributing 8 hours of his time to disseminate information to 300 residents in Bethesda; three volunteers provided almost 18 hours of office assistance; and 14 volunteers provided 49 hours at various outreach events talking to 2,082 County residents. In addition, the volunteer program recruited two new volunteers, nine prospective volunteers, and spoke to 432 potential volunteers at fairs at Montgomery College and Sherwood High School. Approximately 1,300 copies of the fall issue of the Recyclerletter were distributed in mid-October.

## **PILOT PROGRAMS**

**Cooperative Collection/Alternative Collection** – Staff continues to monitor the progress of the Bethesda Cooperative Collection Program.

After analyzing data on the weekly generation of materials for the Silver Spring Cooperative Collection project, the Division recommended that the participating businesses increase the level of service of their mixed paper collection schedule from one day per week to two days per week. The Division assisted the businesses in developing the additional level of service and spoke with their service provider. All of the participating businesses agreed to the modification and the additional level of service will begin no later than the first week of November. Staff will monitor the progress of the new collection schedule.

**Multi-Family Recycling and Refuse Collection Project** – Staff continues to monitor the five multi-family properties in Silver Spring and assist the property managers with improving their recycling programs and educating residents to ensure they recycle all of the required recyclable materials. Staff collaborated with representatives of the Montgomery Housing Partnership to implement action plans to improve the recycling programs at two properties.

**Tubgrinding Pilot** – With the execution of a letter agreement between the County and the Sugarloaf Citizens Association, tubgrinding of screened reject materials is no longer being conducted as a Pilot Project. For figures normally reported here under Tubgrinding Pilot, see the section on Compost Facility under Linden Farm Humus.

## **FACILITY ACTIVITIES**

**Resource Recovery Facility** – The RRF processed a total of 52,960 tons, or 1,708 tons per day. Trash deliveries averaged 10,757 tons per week. Unit #3 had two forced boiler outages and one scheduled outage. On October 2, there was an evaporator tube leak. The repairs were made and the unit was returned to service the next day, but an external leak near the over fire air header developed which resulted in bringing the unit down. Again, the repair was made and the unit was returned back to service the next day. On October 17, the boiler was removed for its scheduled fall outage. In addition to routine inspections and repairs, the detailed inspections of the evaporator and superheater sections lead to a number of dutchman being placed in the boiler. The boiler was placed in standby after the outage due to low municipal solid waste flow and the need to increase the pit inventory prior to stack testing.

On October 2, while placing Unit #3 back in service, a HI-HI drum level alarm was activated causing the turbine to trip off line. Our systems were quickly stabilized and the unit returned to service within the hour. Again, (on October 3) the same alarm caused the turbine to trip again. After four hours the turbine was returned to service after a faulty ground signal was discovered and corrected.

There were no OSHA recordable incidents this month.

There were no Max Gen emergency issued, and there was a need to purchase 38 MWh of electricity this month.

There were no Code Orange or Code Red days forecasted during the month.

The following environmental activities occurred:

- Submitted the September 2007 Water Supply Monthly Operating Report to MDE.
- Started stack testing.
- Submitted the third quarter 2007 NPDES discharge monitoring report to MDE.
- Submitted the third quarter 2007 Operations and Emissions Report to MDE.
- Submitted the fourth quarter 2007 Bacteriological Monitoring Report to MDE.
- Submitted the 2007 annual Sludge Hauling Report to MDE.

**Materials Recovery Facility** – Approximately 1,905 tons of commingled material were shipped out and approximately 6,138 tons of mixed paper were loaded out and transferred to the Office Paper Systems, Inc. processing facility. A section of the asphalt access road near the scale house was replaced with a concrete patch to mitigate the effects on the road caused by the recycling trucks turning towards the scale house. The concrete apron outside the main processing area bay was replaced due to wear and tear. The contractor continues work to brace the roof purlins in the tipping floor and processing areas. Two double shifts occurred in October. The annual power wash of the building's exterior was conducted. A section of the sprinkler pipe in the storage shed area was replaced due to rust.

**Oaks Landfill** – DSWS continued working with the Northeast Maryland Waste Disposal Authority (NMWDA) to finalize contractual negotiations for the design, development, construction, and operation of a renewable energy project (i.e. Landfill Gas-to-Energy facility) located at the site. Staff conducted telephonic meetings with NMWDA to finalize contractual language for inclusion in the agreement. Based on the collective comments and revisions, the final draft agreement should be ready for submission to the contractor by the middle of November.

**Gude Landfill** – DSWS continued working with NMWDA to finalize contractual negotiations for the design, development, construction, and operation of a renewable energy project (i.e. Landfill Gas-to-Energy facility) located at the site. Staff conducted telephonic meetings with NMWDA to finalize contractual language for inclusion in the agreement. Among the items discussed was the possibility of revising the engine generation requirements in favor of a more efficient generator that produces greater emissions efficiencies. Based on the collective comments and revisions, the final draft agreement should be ready for submission to the contractor by the middle of November.

The storm water management design for the Gude Landfill Yard Trim Processing Facility is being revised to address comments from the Department of Permitting Services (DPS).

**Beauty Spots** – After numerous meetings and discussions regarding the draft feasibility study presented through the Department of Public Works and Transportation's Division of Capital Development (DCD), staff received the final draft of the feasibility study for the beauty spot improvements at the Poolesville Depot. DSWS staff reviewed the recommendations made and submitted comments to DCD for referral to the consultants. A meeting was held with the consultants to provide comments and permit clarification of some outstanding recommendations; some additional analysis was recommended by staff; and, the final reports should be completed and finalized by the end of November 2007.

**Solid Waste Transfer Station** – Covanta shipped via rail 47,488 tons of processible waste from the Transfer Station to the RRF; 533 fewer tons than shipped in October 2006.

The inbound radiation detectors had 14 alarms – two false alarms (alarms that could not be re-verified), five alarms involved a driver or passenger who had undergone recent medical tests and/or treatment involving radioactive isotopes and residual radiation, and seven alarms identified as low levels of medical isotopes with short half-lives in trash.

The improvements project at the Transfer Station continues. Monthly progress work includes: the installation of sidewalk handicap access ramps along the Transfer Station's administrative building access road and metal siding and cap system for the new low and high roof, further work on the sprinkler system for the new transfer station addition, further work to widen new access road no. 2 (paving, curb/gutter, guide-rail, etc.), roof ventilator installation, in-service operation of the existing refurbished outbound Scale No. 1, and near completion of the new Public Unloading Facility bay.

**Transfer Station Enforcement** – Under Section 19 of Chapter 48 (Licensing of collectors and haulers), one NOV and three verbal warnings were issued for expired collector or hauler tags, and 13 citations were issued for transporting solid waste without a tight fitting cover. Under ER 18-04 (which bans the disposal of recyclable materials) 18 verbal warnings, 8 NOV's, and 43 citations were issued for violations for cardboard mixed with waste for disposal.

**Site 2 Landfill Properties** – Work continues to breach the embankments of two ponds located at the Site #2 properties. The MDE and DPS have visited the site and performed inspections. Staff received chargeback reports for August and September from FMOS.

**Yard Trim Compost Facility** – The facility received 3,123 tons of material for composting; this is 1,831 less tons than the same period last year. No material was diverted to backup composting facilities.

In October, 6,339 cubic yards of bulk LeafGro™ were shipped to distributors; this compares with 5,599 cubic yards for the same period last year. One thousand eighty-one (1,081) cubic yards of Linden Farm Humus were sold; this compares with 49 cubic yards for the same period last year.

**Bagging Operation** – 31,350 bags were shipped to distributors. This compares with 20,750 bags shipped during the same period last year. (Each bag is 1.5 cubic feet weighing 45 lbs.)

In October, 60 1-cubic foot bags were sold.

## **OUT-OF-COUNTY HAUL**

**Brunswick County, Virginia** – Approximately 16,526 tons of ash residue and 10,041 tons of nonprocessable waste were transported to the County's dedicated disposal cell at the Brunswick Waste Management Facility, Inc. Landfill in Brunswick County, Virginia.

**Tuscarora, Maryland** – Approximately 15 tons of oversize bulky wood waste were shipped from the Transfer Station to Butler Wood Recycling in Tuscarora, Maryland for recycling.

**Laurel, Maryland** – Approximately 122 tons of asphalt were shipped to the Recycling Center in Laurel, Maryland for recycling.

# GENERAL INFORMATION

## Important Telephone Numbers

General information on solid waste	240-777-6400
Customer Service	240-777-6410
Transfer Station	301-840-2370 (County Office) 301-590-1032 (Covanta) 301-330-2840 (MES)
Materials Recovery Facility	301-840-2701 (County Office) 301-417-1433 (MES)
Resource Recovery Facility	240-777-6494 (County Office) 301-916-3031 (Covanta)
Yard Trim Compost Facility	301-428-8185 (MES)
Internet for DSWS	<a href="http://www.montgomerycountymd.gov/solidwaste">www.montgomerycountymd.gov/solidwaste</a> <a href="http://www.montgomerycountymd.gov/recycling">www.montgomerycountymd.gov/recycling</a> <a href="http://www.montgomerycountymd.gov/hazardouswaste">www.montgomerycountymd.gov/hazardouswaste</a> <a href="http://www.montgomerycountymd.gov/useitagain">www.montgomerycountymd.gov/useitagain</a> <a href="http://www.montgomerycountymd.gov/yardtrim">www.montgomerycountymd.gov/yardtrim</a>

Note: All comments, questions, and suggestions on the contents of this report should be addressed to:

Serena James  
Department of Public Works and Transportation  
Division of Solid Waste Services  
101 Monroe Street, 6th Floor  
Rockville, MD 20850  
Tel: 240-777-6459  
Fax: 240-777-6465  
Email: [serena.james@montgomerycountymd.gov](mailto:serena.james@montgomerycountymd.gov)

## SOLID WASTE FACTS IN A NUTSHELL

<b>TOPIC OR FACILITY</b>	
Latest Tonnage of Materials Recycled in a Fiscal Year in Montgomery County	528,187 (FY07)
Latest Recycling Rate Reported in Montgomery County	43.2% (FY07)
Recycling Goal	50% by December 2010
Resource Recovery Facility (RRF)	Permitted Capacity = 657,000 tons per calendar year (based on 5,500 BTU/lb waste)
Dickerson Yard Trim Compost Facility	<p>Operations are limited to receipt of 77,000 tons per fiscal year under the Sugarloaf Settlement Agreement.</p> <p>In FY07, 69,032 tons of yard trim were received at the Dickerson Facility.</p> <p>(An additional 8,247 tons of yard trim received in FY07 were sent to backup composting facilities, for a total of 77,279 tons received during the fiscal year.)</p>
# Residences receiving trash collection by County contractors	89,452
# Residences receiving collection of recyclables in blue bins and yard trim collection	208,909
Term of out-of-county waste transportation and disposal contract with Brunswick Waste Management Facility, Inc.	June 19, 1997 through June 30, 2012 with an option for a five-year renewal. (Service started October 20, 1997.)

# GLOSSARY OF ACRONYMS

BTU	British Thermal Unit
CEMS	Continuous Emissions Monitoring System
DAFIG	Dickerson Area Facilities Implementation Group
DCD	Division of Capital Development
DPS	Department of Permitting Services
DPWT	Department of Public Works & Transportation
DSWS	Division of Solid Waste Services
ER	Executive Regulation
FMOS	Facilities Maintenance and Operations Section, Operations Division, DPWT
FY	Fiscal Year
HHW	Household Hazardous Waste
MDE	Maryland Department of Environment
MRF	Materials Recovery Facility
NMWDA	Northeast Maryland Waste Disposal Authority
NOV	Notice of Violation
NPDES	National Pollution Discharge Elimination System
OSHA	Occupational Safety & Health Administration
RRF	Resource Recovery Facility
SCFM	Standard cubic feet per minute
SORRT	Smart Organizations Reduce and Recycle Tons
SWAC	Solid Waste Advisory Committee
SVO	Straight Vegetable Oil
TRRAC	Think Reduce and Recycle at Apartments and Condominiums