

**ATHENS-CLARKE COUNTY SOLID WASTE DEPARTMENT  
RECYCLING DIVISION  
ANNUAL REPORT**

**FISCAL YEAR 2009  
(JULY 1, 2008 – JUNE 30, 2009)**

**I. RECOVERED MATERIALS PROCESSING FACILITY**

The following provides tonnage and cost information for recycled materials delivered to the Athens-Clarke County Recovered Materials Processing Facility for the period noted above.

<b>Bottles &amp; Cans</b>	<b>3,557.58 tons</b>		
<b>Mixed Paper</b>	<b>10,889.00 tons</b>		
<b>Total Tons</b>	<b>14,446.58 tons</b>	<b>Average Tons Per Month</b>	<b>1203.88</b>
<b>Processing Fees</b>	<b>\$504,566.64</b>		
<b>Revenues</b>	<b>\$495,281.61*</b>		
<b>Net Cost/(Profit)</b>	<b>\$9,285.03</b>	<b>Net Cost/(Profit) Per Ton</b>	<b>\$0.64</b>

*\* Athens-Clarke County has a revenue sharing arrangement built into our contract with FCR, Inc., the private RMPF operator. Athens-Clarke County pays a processing fee for each ton of recyclable material we deliver or cause to be delivered, to the RMPF. In return, we receive an 80% share of the revenues from the sale of the recyclable materials.*

**Comparison of Fiscal Year 2008 to Fiscal Year Fiscal Year 2009**

	FY08	FY09	Difference
<b>Total Tons</b>	14,780.06	14,446.58	2.3% decrease
<b>Net Cost or (Profit)</b>	(\$366,481.92)	\$9,285.03	\$357,196.89

	FY08	FY09	Difference
<b>Average TPM</b>	1,231.67	1,203.88	2.3% decrease
<b>Net Cost/(Profit) Per Ton</b>	(\$24.80)	\$0.64	\$24.16

TPM=Tons Per Month

The following provides specific information on the recyclable tonnage delivered to the RMPF by the service programs of the Athens-Clarke County Solid Waste Department.

**Solid Waste Department Recycling – Individual Program Information**

Program Name	Tons of Recyclables		
	FY08	FY09	Difference
Urban Service District Residential Curbside Recycling*	2193.1	1882.3	-14.2%
Countywide Residential Drop-Off Recycling	2575.8	2514.7	-2.4%
Central Business District (Downtown) Recycling*	946	1186	25.4%
Commercial Dumpster (Business) Recycling	1002.6	1538.7	54%
Landfill Materials Recycling Facility	53.44	22.01	-59%
<b>Totals</b>	<b>6770.94</b>	<b>7143.71</b>	<b>6%</b>

\* These two categories were mixed together for a portion of the year and don't accurately reflect the curbside recycling decrease or central business district recycling increase.

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The following provides specific information on the recyclable tonnage delivered to the RMPF by private haulers who have a solid waste franchise or are otherwise approved to operate in Athens-Clarke County. Please note that not all of the recyclables collected by these haulers are delivered to the Athens-Clarke County RMPF; some may be delivered to other facilities outside Athens-Clarke County.

**University of Georgia – Individual Program Information**

Name of Hauler	Tons of Recyclables		Difference
	FY08	FY09	
University of Georgia	1076.33	1157.14	8%

**Private Hauler Recycling– Individual Program Information**

Name of Hauler	Tons of Recyclables		Difference
	FY08	FY09	
United Waste/Robertson Sanitation	864.36	704.23*	-19%
BFI	698.32	560.34	-20%
Waste Pro	867.67	456.17*	-47.4%
F4 Sanitation	401.66	423.71	6%
AAA Sanitation	213.14	277.58	30%
Oconee Waste Transport	250.86	253.51	1%
Roll Off	13.82	91.76	564%
Curbside Services	418.73	81.29*	-81%
<b>Totals</b>	<b>3728.56</b>	<b>2848.59</b>	<b>-24%</b>

\* These private haulers have stopped bringing residential curbside (and some commercial) tonnage to the ACC Recycling Facility. These haulers take their recyclables to Gwinnett County to a single-stream processing facility. Single-Stream Definition: Single stream recycling (SSR) lets people place all of their recyclable materials (NOT trash) into one container without having to separate anything.

The following provides specific information on the recyclable tonnage delivered to the RMPF by neighboring cities or counties who have been approved to use the RMPF. Please note that not all of the recyclables collected by these cities or counties are delivered to the Athens-Clarke County RMPF; some may be delivered to other facilities outside Athens-Clarke County.

**Neighboring City or County Recycling– Individual Program Information**

Name of City or County	Tons of Recyclables		Difference
	FY08	FY09	
Morgan County	257.79	288.11	12%
Oglethorpe County	238.30	219.04	-8%
Madison County	51.78	136.19	163%
Walton County	65.29	81.51	25%
City of Monroe	80.17	79.30	-1%
Hart County	29.08	45.84	58%
Greene County	41.38	38.43	-7%
City of Washington	22.08	23.92	8%
Elbert County	18.26	0	-100%
<b>Totals</b>	<b>804.13</b>	<b>912.34</b>	<b>14%</b>

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**Summary of RMPF Tonnage (By User)**

<b>RMPF Customer Name</b>	<b>Tons</b>	<b>% of RMPF Tonnage</b>
Solid Waste Department	7143.71	49%
Private Haulers	2848.59	20%
Miscellaneous Users *	2384.8	17%
University of Georgia	1157.14	8%
Neighboring City or County	912.34	6%
<b>Totals</b>	<b>14,446.58 tons</b>	<b>100%</b>

\* Miscellaneous users are local businesses that directly haul their recyclables to the RMPF (eg: Classic City Moving & Storage, Carrier, The Lindsay Group, etc.)

**II. OTHER ATHENS-CLARKE COUNTY SOLID WASTE DEPARTMENT RECYCLING, WASTE REDUCTION, AND LANDFILL DIVERSION ACTIVITIES**

<b>Description of Activity</b>	<b>Recycled/Diverted</b>
Water Pollution Control Waste	9,769 tons*
Dirt/Manifest and Ash	18,184 tons
Yard Trimmings (Includes materials accepted at landfill from residents/businesses)	1899 tons
Countywide Leaf & Limb Collection Program	9595 tons
Bring One for the Chipper (Christmas Tree Recycling)	18 tons
Scrap Metal	56 tons
Wood Pallets	16 tons
Scrap Tires (brought by residents throughout year, except April event)	14 tons
Scrap Tires (from April 2009 Amnesty event)	8 tons
Household Hazardous Waste Collection Event (November 2008)	22 tons
Mercury or other HHW (Thermometer and Thermostat Exchange Program)	0 tons
On-going Electronics Collection	49 tons
Batteries (alkaline and rechargeable)	2 tons
Batteries (car batteries and other large batteries)	0.29 tons
Plastic Wrap Recycling (partnership with Trex)	13 tons
Inkjet and Toner Cartridges	Not Available
Cell phones	Not Available
Teacher Reuse Store	10 tons

**Total (approximate) tons: 39,655.29**

\*Approved by the Georgia Environmental Protection Division's Land Protection Branch, this material is mixed with mulched leaf and limb materials and used as intermediate daily cover at the Landfill as an alternative to using soil.

<b>Total Tons Recycled (all activities)</b>	51,101.87 tons **
<b>Total Tons Disposed</b>	76,147.85 tons **
<b>DIVERSION RATE</b>	40 %

\*\* This is only ACC Recycling Facility and ACC Landfill tonnage. This does not include recyclables and/or trash taken to other landfills, material processing facilities and/or end markets.

**III. PERCENTAGE OF WASTE RECYCLED IN SOLID WASTE DEPARTMENT PROGRAMS**

<b>Service Program Name</b>	<b>Solid Waste Disposed (In Tons)</b>	<b>Recyclables Collected (In Tons)</b>	<b>% of Waste Recycled</b>
Urban Service District Residential Service	6595.42	1882.3	22.2%
Central Business District (Downtown) Service	1787.73	1186	39.9%
Commercial Dumpster (Business) Service	6278.10	1538.7	19.7%
Countywide Leaf & Limb Service	0	9,595	100%


#### **IV. ENVIRONMENTAL BENEFITS SUMMARY**

The following provides the estimated environmental benefits of Athens-Clarke County's waste reduction efforts using the state of Georgia Re-Trac reporting system (based on the EPA WARM Model).


By recycling 14,446.58 tons of material :

 **Emissions Savings 46,502.2 MTCE (Metric Tons of Carbon Dioxide Equivalent)-**

- This is equivalent to reducing the annual GHG (Greenhouse Gas) emissions from 8,517 passenger vehicles.
- This is equivalent to saving 5,278,346 gallons of gasoline and 108,145 barrels of oil.

 **Energy Savings 358,816.3 BTU (British Thermal Units)**

This is equivalent to saving enough energy to provide electricity to 4,231 households per year.

 **Resource Savings 324 Acres of standing forest**

This equivalent factor is based on CO<sub>2</sub> sequestration per tree.