Metro Nashville and Davidson County

2010 Annual Solid Waste Progress Report

March 31, 2011

Davidson County
Solid Waste Region Board

Section 1 – Administrative Contact Information

Administrative Contact Information - 2010

Regional Planning Contacts

Planning Region Report Author

* Report Author: Sharon Smith
Author Title: Waste Management Specialist
* Organization: Metro Nashville Public Works
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Solid Waste Regional Planning Board or Part 9 Authority

* Chair: John Sherman
* Address: 526 Fairfax Ave
City: Nashville
* Zip: 37212
* Phone: 615-383-9606
Fax:
Email:
Term Expires: 2015 December 15

Planning Board

* Solid Waste Regional Planning Board Member or Part 9 Board Member	* Jurisdiction	Term Expires	
Alexander, Anna	Old Hickory	2012 December 15	
Alexander, Leslee	Davidson County at large	2015 December 15	

Currey, Ashley	Davidson County at large	2016 December 15	
Diehl, Robert	Davidson County at large	2012 December 31	
Driver, Jim	Goodlettsville	2013 December 31	
Hughes, Gail	Nashville	2014 December 15	
Lane, Daniel	Nashville	2012 December 15	
McMullen, Austin	Oak Hill	2016 December 15	
Pearigen, Mike	Davidson County at large	2016 December 15	
Reardon, Beth	Belle Meade	2015 December 31	
Rounds, Jamie	Berry Hill	2015 December 15	
Sherman, John	Nashville	2016 December 15	
Vanatta, Jack	Lakewood	2016 December 31	

County Contacts

* County Mayor or Executive: Karl Dean
Title: Mayor
* Address: Metro Courthouse
City: Nashville
Zip: 37201

Solid Waste Director: Billy Lynch
Title: Public Works Director
Organization: Metro Public Works
Address: 750 S. 5th Street
City: Nashville
Zip: 37206

Section 2 – Collection Systems & Diversion Activities

Collection Systems & Diversion Activities - 2010

*A * indicates a required field*

Diversion Activities

*** Did your county have any household hazardous waste events?**

No

Disaster Recover Diversion

Comment on any disaster related solid waste activities that may have influenced diversion efforts with the county.

The May 2010 flood caused a significant increase in the waste landfilled, particularly the C&D landfilled waste, in Davidson County for this year. Over 200,000 cubic yards of material were collected and landfilled through Public Works collection contracts after the flood. Since May, there has been a steady decline in C&D landfill tons and is only now returning to pre-flood levels.

Source Reduction Activities

Describe source reduction and reuse activities by public or private entities by jurisdiction.

Metro Government Source Reduction and Reuse Activities - Metro Government has a paper reduction policy that requires departments to report annually all methods used to reduce paper use within the department. Additionally, the Metro contract for printer toner/ink includes reused and refurbished cartridges.

Public Works is responsible for the following source reduction/reuse activities:

Backyard composting - Public Works promotes and educates on backyard composting. Backyard compost bins are sold at the Omohundro Convenience Center 5 days/week. Additionally, staff have a booth annually at the Nashville Lawn & Garden Show.

Trash Art Contest - Public Works education staff hold a trash art contest each year with elementary schools. This contest educates children on how waste can be reused and allows them to learn while participating in friendly competition.

Business Recycling - Online information on business recycling including guidelines on how to set up a recycling program and how to conduct a waste audit, a list of private recycling providers and link to the Tennessee Material Exchange. This website helps businesses to think through way to reduce and reuse as well as recycle.

List any restrictions the county or region places on collected wastes (Examples: No paint cans, no gas tanks, no monitors, etc.).

Radioactive waste is not accepted.

Convenience Centers

Convenience Center #1

*** Name of Convenience Center:** Anderson Lane

*** Address:** 939A Anderson Lane

*** City:** Madison

*** Zip:** 37115

*** Permit Number:** 19-102-0168

*** Phone #:** 615-860-2588

*** Does this Convenience center act as a transfer station?** No

Mark Days of Operation	Time Open	Time Closed
tuesday	8 30 AM	5 00 PM
wednesday	8 30 AM	5 00 PM
thursday	8 30 AM	5 00 PM
friday	8 30 AM	5 00 PM
saturday	8 30 AM	5 00 PM

*** Do you collect recyclables?**

Yes

If yes, what recyclables are collected at this Convenience Center:

Metals; Paper; Glass; Plastic; Tires; Other

Convenience Center #2

*** Name of Convenience Center:** Omohundro Place

*** Address:** 1019 Omohundro Place

*** City:** Nashville

*** Zip:** 37210

*** Permit Number:** 19-102-0484

*** Phone #:** 615-880-1955

*** Does this Convenience center act as a transfer station?** No

Mark Days of Operation	Time Open	Time Closed
tuesday	8 00 AM	4 30 PM
wednesday	8 00 AM	4 30 PM
thursday	8 00 AM	4 30 PM

friday	8 00 AM	4 30 PM
saturday	8 00 AM	4 30 PM

*** Do you collect recyclables?**

Yes

If yes, what recyclables are collected at this Convenience Center:

Metals; Paper; Glass; Plastic; Tires; Other

Convenience Center #3

*** Name of Convenience Center:** East Recycling/Convenience Center

*** Address:** 939 A Dr Richard G Adams Dr

*** City:** Nasvhille

*** Zip:** 37027

*** Permit Number:** 19-102-1067

*** Phone #:** 615-862-8631

*** Does this Convenience center act as a transfer station?** No

Mark Days of Operation	Time Open	Time Closed
Sunday	12 00 PM	4 00 PM
monday	7 30 AM	5 00 PM
tuesday	7 30 AM	5 00 PM
wednesday	7 30 AM	5 00 PM
thursday	7 30 AM	5 00 PM
friday	7 30 AM	5 00 PM
saturday	7 30 AM	5 00 PM

*** Do you collect recyclables?**

Yes

If yes, what recyclables are collected at this Convenience Center:

Metals; Paper; Glass; Batteries; Plastic; Tires; Used Oil; Antifreeze; E-Scrap; Paint; Other

Convenience Center Summary

Please identify ANY changes that occurred to your convenience center(s)?

n/a

The State of Tennessee will input the number of County Convenience Centers required as computed using this worksheet (click here):

*** Total number of County Convenience Centers present in County:** 3

*** Difference:** -3

If you have fewer convenience centers in the county than are required, what steps will be taken to provide collection assurance?

n/a

County Public Collection (Green Box)

*** Does your county have any green boxes?** No

*** Does your county have any recycling drop off locations not associated with convenience centers?** Yes

* Name	* Address	* City	* Check all materials collected:	
Bellevue Park and Ride	Coley Davis Road and Hwy 70 S	Bellevue	Paper; Glass; Plastic; Metals	
Old Ben West Library	Polk Avenue & Union Street	Nashville	Paper; Plastic; Metals	
Bicentennial Mall	5th Avenue North & Jackson Street	Nashville	Paper; Plastic; Metals	
Charlotte Pike	7220 Charlotte Pike	Nashville	Paper; Glass; Plastic; Metals	
Dupont-Hadley Middle School	1901 Old Hickory Blvd	Old Hickory	Paper; Glass; Plastic; Metals	
Elysian Fields Kroger	3955 Nolensville Road	Nashville	Paper; Glass; Plastic; Metals	
Granbery Elementary School	5501 Hill Road	Nashville	Paper; Glass; Plastic; Metals	
Hermitage Hobby Lobby	4101 Lebanon Road	Hermitage	Paper; Glass; Plastic; Metals	
Hillsboro High School	3812 Hillsboro Pike	Nashville	Paper; Glass; Plastic; Metals	
Joelton Middle School	3500 Old Clarksville Highway	Joelton	Paper; Glass; Plastic; Metals	

McGavock High School	3150 McGavock Pike	Nashville	Paper; Glass; Plastic; Metals	
QRS Recycling	630 Myatt Drive	Madison	Paper; Glass; Plastic; Metals	
Tennessee State University	38th Avenue & Albion Street	Nashville	Paper; Plastic; Metals	
Whites Creek High School	7277 Old Hickory Blvd	Nashville	Paper; Glass; Plastic; Metals	

* **Does your county Utilize a Pay As You Throw System?** No

Roadside Dumps

List the locations of largest five roadside dumps	List the types of materials that make up these roadside dumps	Dump Tons
Edenwold Rd	Household garbage, tires, auto parts, C&D waste	654.000
Ben Allen Rd		0.000
Shannon Ave		0.000
Old Glenrose Ave		0.000
Masonwood Dr		0.000

List Higher Level of Service-Alternative Disposal Collection Systems

* **Does your county have a Higher Level of Service-Alternative Disposal Collection System?** Yes

* Jurisdiction	* Public program percentage of coverage within the jurisdiction	* Publicly contracted programs percentage coverage within the jurisdiction	* Privately contracted programs percentage coverage within the jurisdiction	* Total percentage of each category of service for the jurisdiction	
Nashville - Urban Service District	**30 %**	**70 %**	**0 %**	100	
Nashville - General Service District	**0 %**	**0 %**	**100 %**	100	
City of Berry Hill	**0 %**	**100 %**	**0 %**	100	

City of Oak Hill	**0 %**	**100 %**	**0 %**	100	
City of Forrest Hills	**0 %**	**0 %**	**100 %**	100	
City of Belle Meade	**0 %**	**100 %**	**0 %**	100	
City of Lakewood	**0 %**	**100 %**	**0 %**	100	
City of Goodlettsville	**100 %**	**0 %**	**0 %**	100	

List Curbside Recycling Programs by Jurisdiction

*** Does your county have any curbside recycling programs** Yes

* Jurisdiction	* Percentage of coverage within the jurisdiction	* Check all materials collected in program:	* Is this program: Separated or Co-mingled	
Nashville - Urban Services District	100	Fiber/Paper; Plastic; Metals	Co-mingled	
City of Belle Meade	100	Fiber/Paper; Plastic; Metals	Co-mingled	

Facility

Provide the Name and Physical Street Address of the Facility(s) where your recyclables (paper, plastic, glass and metal) are taken, sorted, and prepared for market, after they are collected at your convenience centers, through your curbside program, or other collection points.

* Name	* Address	* City	* Zip	If publicly owned, describe the equipment at this location	✕
QRS Recycling	208 Riverhills Drive	Nashville	37210		

Section 3 – Solid Waste Planning & Implementation

Solid Waste Planning & Implementation - 2010

*A * indicates a required field*

Disposal Life for county Owned/Operated Landfills

*** Does your county own a landfill?** No

Equipment and Facility

Solid Waste Management

Project all new solid waste equipment needs for the next 3 years in the table below.

* Equipment Name	Are capital funds set aside for this purchase?	What funding mechanisms are in place to handle this purchase?	Will this purchase satisfy future growth needs?	
No new equipment purchases are		planned. Only replacement units.		

Project all new solid waste facilities needed in the next 3 years in the table below.

* Facility Type	Are capital funds set aside for this purchase?	What funding mechanisms are in place to handle this purchase?	Will this purchase satisfy future growth needs?	
n/a				

Recycling Management

Project all new recycling equipment needs for the next 3 years in the table below.

* Equipment Name	Are capital funds set aside for this purchase?	What funding mechanisms are in place to handle this purchase?	Will this purchase satisfy future growth needs?	
No new equipment purchases are		planned. Only replacement units.		

Project all new recycling facilities needed in the next 3 years in the table below.

* Facility Type	Are capital funds set aside for this	What funding mechanisms are in place to handle this	Will this purchase satisfy future growth	

n/a				

Future Funding

Category of Funding	When would the funding timing be the most advantageous? (1, 3, 5, 10 years)	What type of funding would be the most advantageous?	Would this funding be used to replace existing equipment?
Facility	10	Grant	
Equipment	1	Grant	Yes
Projects	1	Grant	No
Education	1	Grant	No
Other	1	Grant	No

On the table below, please indicate the status of all grant-funded equipment currently used in the region by jurisdiction. It is only required to report on grant-funded equipment that is 5 years old or newer.

* Equipment	Grant Jurisdiction	Grant Equipment Status	Grant Equipment Age	Grant Equipment Life Span	
n/a		In Use			

Future Marketing and Educational Initiatives Marketing

Media Type	Target Audience	Number Served	Projected Cost	Repetitions or Number	Add Line Item	Remove line Item
TV						
Radio						
Hard Copy						
Internet						
Board						
Other Media						

Narrative:

Public Works will continue utilizing similar media and education marketing initiatives in 2011

as in the past.

Below is a summary of 2010 marketing:
-Advertising in Green Hills News "Today" magazine and Tennessee Black Pages.

-Door hangers, re: revised brush schedule, which was interrupted during the May flood. (for neighborhood associations and general distribution by inspectors)

-Litter and recycle website campaign in August 2010 with Channel 5.

-Regular submissions to Jenny Upchurch's Action Line columns, re: recycling, e-waste and convenience center questions from citizen readers.

-Media releases and advisories for Metro Beautification and Environment Commission activities/events (neighborhood clean-ups, e-waste events, tree plantings--Koreans, GNAR and Amqui Train Station; Arbor Day celebration, Great American Cleanup, Trash Truck Art Contest, and volunteer beautification projects).

-Community shredding event with Shred-It in June.

- Booths at the Nashville Lawn & Garden Show, Nashville Earth Day Festival and other events.

-Green Booth Expo at Tennessee State Fair in September.

-Expanded news coverage on illegal sign cleanup efforts, Tree Canopy Inventory and Assessment, and new solid waste code changes taking effect.

-One-time news coverage issues: free C&D disposal for flood victims; Mayor signing Complete Streets Design Guidelines (includes planting strips); Deaderick Street green project wins statewide landscape architecture award.

-Metro 3 slides regularly run providing information on a variety of waste and recycling events and announcements.

Education

Target Audience Group	Projected Served	Projected Cost	Repetitions or Number
Adult/General Public			
Business/Industry			
Government/Institutional			
Children/Educators			

Narrative:

Public Works will continue providing the same waste reduction education programs in 2011 as in the past. Please see the next section on Past Education Efforts.

Section 4 – Problem & Education Management

Problem Management & Education Management - 2010

*A * indicates a required field*

Complaints

* **Is a method provided to receive complaints from the public related to solid waste issues?**	Yes
* **Provide the total number of reported solid waste complaints:**	33,693
* **Provide the number of solid waste complaints resolved:**	33,693

Past Education Efforts

Educational Program #1

* **Program Name:** Education Program Summary

* **Program Sponsor:** Metro Beautification

* **Program Effectiveness:**

Positive Results

* **Program Type:**

Classroom; Advertisement; Tour; Community Outreach

* **Program Target:**

Adult/General Public; Business/Industry; Children/Educators; Media; Civic/Environment

* **Number Served:**

County-Wide

Narrative:

Metro Public Works education staff reached over 17,500 children and adults through tours and presentations on a variety of waste reduction topics. Descriptions of the programs are below.

Additionally, televised educational segments on composting and litter reached an estimated audience of about 75,000.

Educational Program #2

* **Program Name:** Curby's Reading Program

* **Program Sponsor:** Metro Beautification

* **Program Effectiveness:**

Positive Results

* **Program Type:**

Classroom

* **Program Target:**

Children/Educators

* **Number Served:**

Special

Narrative:

Curby's Reading Program: K – 2nd grade students learn about recycling and litter prevention through listening to stories and playing a recycling game.

Educational Program #3

* **Program Name:** Curby's Waste in Place

* **Program Sponsor:** Metro Beautification

* **Program Effectiveness:**

Positive Results

* **Program Type:**

Classroom

* **Program Target:**

Children/Educators

* **Number Served:**

Special

Narrative:

Curby's Waste in Place: 3rd grade and older students learn about recycling, trash, and litter prevention through hands on activities in a classroom setting.

Educational Program #4

* **Program Name:** Trees Are Terrific

* **Program Sponsor:** Metro Beautification

* **Program Effectiveness:**

Positive Results

* **Program Type:**

Classroom

* **Program Target:**

Children/Educators

* **Number Served:**

Special

Narrative:

Trees Are Terrific: K- 2nd grade students learn about the importance of trees in our world and taking care of the environment.

Educational Program #5

* **Program Name:** Trees Too

* **Program Sponsor:** Metro Beautification

* **Program Effectiveness:**

Positive Results

* **Program Type:**

Classroom

* **Program Target:**

Children/Educators

* **Number Served:**

Special

Narrative:

Trees Too: 3rd and 4th grade students learn about trees in a bit more detail.

Educational Program #6

* **Program Name:** Hazardous Waste & Community Waste

* **Program Sponsor:** Metro Beautification

* **Program Effectiveness:**

Positive Results

* **Program Type:**

Classroom

* **Program Target:**

Children/Educators

* **Number Served:**

Special

Narrative:

Hazardous Waste & Community Waste: Where does it go? (5th - 8th grade, classroom program lasts one full class period , OR teachers may check out the interactive model and programs materials for you to use in the classroom)

Educational Program #7

* **Program Name:** How Landfills Work

* **Program Sponsor:** Metro Beautification

* **Program Effectiveness:**

Positive Results

* **Program Type:**

Classroom

* **Program Target:**

Children/Educators

* **Number Served:**

Special

Narrative:

How Landfills Work: Solid waste options 8th - 12th grade

Educational Program #8

* **Program Name:** Field Trip - Recycling Education Station

* **Program Sponsor:** Metro Beautification

* **Program Effectiveness:**

Positive Results

* **Program Type:**

Tour

* **Program Target:**

Adult/General Public; Business/Industry; Children/Educators

* **Number Served:**

Special

Narrative:

Field Trip - Recycling Education Station: All ages are invited to learn about how recycling works and what happens after we place something into the recycling bin.

Educational Program #9

* **Program Name:** Paper Making

* **Program Sponsor:** Metro Beautification

* **Program Effectiveness:**

Positive Results

* **Program Type:**

Classroom

* **Program Target:**

Adult/General Public; Children/Educators

* **Number Served:**

Special

Narrative:

Paper Making: All ages can participate and learn about recycling by making new paper by hand.

Educational Program #10

* **Program Name:** Worm Story Program

* **Program Sponsor:** Metro Beautification

* **Program Effectiveness:**

Positive Results

* **Program Type:**

Classroom

* **Program Target:**

Children/Educators

* **Number Served:**

Special

Narrative:

Worm Story Program: Young students learn about worm composting by listening to a story and seeing the worms and the bin they live in.

Educational Program #11

* **Program Name:** Compost Education

* **Program Sponsor:** Metro Beautification

* **Program Effectiveness:**

Positive Results

* **Program Type:**

Classroom

* **Program Target:**

Adult/General Public; Children/Educators

* **Number Served:**

Special

Narrative:

Compost bin education and donations: Students of all ages learn about recycling food waste into soil.

Educational Program #12

* **Program Name:** Recycling Relay

* **Program Sponsor:** Metro Beautification

* **Program Effectiveness:**

Positive Results

* **Program Type:**

Other

* **Program Target:**

Children/Educators

* **Number Served:**

Special

Narrative:

Recycling Relay: Young students learn about recycling through a very active game generally held outdoors.

Educational Program #13

* **Program Name:** Adventures of Enviromutt Puppet Show

* **Program Sponsor:** Metro Beautification

* **Program Effectiveness:**

Positive Results

* **Program Type:**

Classroom

* **Program Target:**

Children/Educators

* **Number Served:**

Special

Narrative:

Adventures of Enviromutt Puppet Show: K – 2nd grade students learn about litter prevention and recycling

Section 5 – Program Summary

Program Summary - 2010

*A * indicates a required field*

Solid Waste Planning - Detail Strategies on Diversion

The Region's 10-Year Plan outlined a strategy to manage solid waste. In lieu of developing a complete update of this Plan as required by TCA 82-211-814, answer the following questions in as much detail as possible. **These questions should be answered by the government body responsible for directly determining solid waste policy within the region.**

*** Name and title of individual(s) who answers the following questions**

Metro Public Works staff

*** Looking back on the Plan from this current year, what changes have been made in the way the county handles & prioritizes SW?**

In December of 2008, the Davidson County Solid Waste Region Board approved the updated 10 Year Solid Waste Plan which outlines strategies to reduce waste being landfilled within Davidson County. That same year, Mayor Dean appointed a Green Ribbon Committee which made recommendations on a broad range of environmental actions including waste reduction.

From the Solid Waste Board and the Green Ribbon Committee, Public Works took the recommendations and put before Metro Council a complete update to the solid waste code. The updated code places an emphasis on recycling and reducing waste by banning material, phasing in a pay as you throw system and rebating C&D landfills for material recycled. In the sections below major points of the updated code are outlined.

*** List and discuss the three largest obstacles to your solid waste disposal system.**

All landfills and recyclers accepting waste or recyclables from Davidson County are owned and operated by private industry.

*** In the coming years, how do you plan to handle disposal of waste differently to better address these issues?**

In August of 2010, the Metropolitan Council passed an updated Solid Waste Code. The Solid Waste Code had not seen significant changes since the formation of the Metropolitan Government in the early 1960's. The updated Solid Waste Code emphasizes methods to increase recycling, reduce waste and improve access to recycling services throughout the county. Below is a summary of the changes:
1. Leaves and grass clippings must be placed in paper biodegradable bags.
2. July 1, 2011 - yard waste will be banned from waste containers.
3. July 1, 2012 - Public Works will begin phasing in fees for multiple trash carts at residences and businesses using the brown trash carts for collection. Residents using more than 2 carts will be charged a collection and disposal fee for the additional waste.
4. July 1, 2013 - All private waste haulers will be required to offer recycling to their customers.
5. July 1, 2013 - Cardboard will be banned from waste containers.
6. July 1, 2014 - Public Works will begin charging collection and disposal costs for trash customers using more than one trash carts.
7. July 1, 2015 - Electronic waste will be banned from waste containers.
8. Additionally, the Davidson County surcharge for C&D waste was increased beginning January 1, 2011. C&D landfills that recycle material can get up to 50% of the total surcharge rebated.

*** List and discuss the three largest obstacles to your waste reduction/recycling system.**

1. Lack of a food composting system to divert the large quantities of food waste from large producers such as grocery stores, restaurants and institutions.
2. Funding cutbacks which have reduced services over the past several years.

*** In the coming years, what new programs, or modifications to existing programs, will be enacted to increase the amounts of material being reduced/recycled?**

See section above on the Solid Waste Code updates and the phasing in of material bans and waste fees.

Improvements Remediation

*** Facility Improvements - Project any facility improvements needed for processing and/or managing solid waste and diversion efforts.**

Public Works does not plan on any facility improvements over the next year.

*** Monitoring Cost Projections - Project any future monitoring, remediation, or mandated improvements over the next five years by the county for county owned solid waste facilities, including convenience centers or transfer stations.**

Projected annual monitoring costs:
Bordeaux = $ 52,000
Ash Monofill = $ 15,000
Due West = $ 10,000
Lebanon Road = $ 18,000

Waste Stream Estimate

Give approximate percentages of each category of waste that make up your county's MSW stream.

* Residential	* Commercial	* Institutional	* Industrial
26.00%	54.00%	0.00%	20.00%

Successes and Setbacks

*** Describe any setbacks encountered in your solid waste management program and how these setbacks will be resolved in future plans.**

In May 2010, Nashville experienced a flood which caused significant damage to thousands of home and buildings within the county. Because of the flood, there was a significant increase in C&D waste being landfilled during 2010.

*** Describe your successes in the implementation of your Solid Waste Management Plan. What are you doing well to promote waste reduction?**

See section above on the Solid Waste Code updates and the phasing in of material bans and waste fees.

*** Describe how you manage each of the following problem wastes: batteries, paint, electronic**

scrap, tires, oil and antifreeze. Please include information on any difficulties you have had with each.

Metro Public Works operates a household hazardous waste facility open seven days/week at the East Convenience Center. This location accepts batteries, paint, electronics and antifreeze. Public Works also accepts tires at all three convenience centers located within the county.

Section 6 – Landfill

Solid Waste	2010 Tons Disposed
ALL SOLID WASTE - Tons	852,856.36

Totals	
Total Tons All Programs Disposed	852,856.36

Class I Landfills	Tons
West Camden	195,228.24
Cedar Ridge	2,489.93
Bi-County	4,042.67
Middle Point	378,885.33
Outside Tennessee (KY)	10,641.56
TOTAL CLASS I	**591,287.73**
Class III/IV Landfills	**Tons**
MS-COT/Central Pike	6,873.38
Southern Services	254,695.25
TOTAL CLASS III/IV	**261,568.63**
TOTAL CLASS I – IV	**852,856.36**

Section 7 – County Recycling Report

The figures presented below are annual totals for your jurisdiction. They have been normalized from other units (if any) to tons.

Metal	2010 Tons Recycled
FERROUS	
- Tons	634.30
NON-FERROUS	
- Tons	13.88
MIXED METALS	
- Tons	
Total Metal	**648.18**

Paper	2010 Tons Recycled
CORRUGATED	
- Tons	1,935.48
NEWSPAPER	
- Tons	110.91
OFFICE PAPER	
- Tons	
MISCELLANEOUS PAPER	
- Tons	
COMPOSITE AND ALL OTHER PAPERS	
- Tons	3,197.55
Total Paper	**5,243.94**

Glass	2010 Tons Recycled
FLINT (CLEAR)	
- Tons	
COLORED	
- Tons	
AMBER	
- Tons	
MIXED GLASS	
- Tons	
OTHER/CONTAINER GLASS	
- Tons	2,194.94
Total Glass	**2,194.94**

OTHER PLASTICS & MIXED PLASTICS	
- Tons	589.06
Total Plastic	**589.06**

Other Recyclables	**2010**
	Tons Recycled
TEXTILES	
- Tons	259.88
TIRES	
- Tons	3,500.96
ELECTRONICS	
- Tons	227.33
ALTERNATE DAILY COVER	
- Tons	
Total Other Recyclables	**3,988.17**

Other Organic Recyclables	**2010**
	Tons Recycled
MULCH	
- Tons	65,523.78
Total Other Organic Recyclables	**65,523.78**

C & D Debris	**2010**
	Tons Recycled
RECYCLED C & D (NOT III/IV LANDFILLED)	
- Tons	124.15

Batteries	**2010**
	Tons Recycled
LEAD-ACID	
- Tons	1.30
Total Batteries	**1.30**

Automotive Fluid	**2010**
	Tons Recycled
USED OIL	
- Tons	35.39
Total Automotive Fluid	**35.39**

Miscellaneous	**2010**
	Tons Recycled
OTHER (1)	
- Tons	13,198.68
OTHER (2)	
- Tons	421.80
OTHER (3)	
- Tons	34.94
Total Miscellaneous	**13,655.42**

Totals	
Total Tons All Programs Recycled	92,004.33

Section 8 – Financial Data

Expense	2010 Amount ($)
- 51000 General Administration	3,398,601.61
- 55710 Sanitation Management	
- 55720 Sanitation Education/Information	
- 55731 Waste pickup	8,657,783.22
- 55732 Convenience centers	592,417.25
- 55733 Transfer stations	
- 55734 Problem waste centers	45,600.48
- 55735 Bailing Centers	
- 55739 Other waste collection	1,843,223.79
- 55751 Recycling Center	909,531.48
- 55752 Compost Center	190,431.42
- 55753 Waste incinerator	
- 55754 Landfill Operation and Maintenance	
- 55759 Other waste disposal	5,263,401.15
- 55770 Post closure care costs	431,536.57
- 64000 Highways litter and trash collection	
- 70000 Education	81,285.39
- 90000 Capital projects	0.00
- Contracted Services	
TOTAL EXPENSE	**21,413,812.36**

Revenue	2010 Amount ($)
- 40000 Local Taxes	8,260.37
- 40100 County Property Taxes	
- 40200 County Local Option Taxes	
- 42000 Fines, forfeitures and penalties	
- 43106 Commercial and industrial waste collection	
- 43107 Residential waste collection charges	
- 43108 Convenience Center waste collection charge	403,531.06
- 43109 Transfer waste stations collection charge	0.00
- 43110 Tipping Fees	0.00
- 43111 Surcharge-State	
- 43112 Surcharge-Host Agency	10,172.19
- 43113 Surcharge-General	2,399,235.81
- 43114 Solid waste disposal fee	0.00
- 44145 Sale of recycled materials	780,949.48
- 44165 Commodity rebates	
- 46170 Solid waste grants	673,762.43

- 46430 Public Works grants - Litter Program	
- 468511 State Revenue Sharing	
- 47230 Federal government disaster relief	
- 48000 - Other Governments and Citizens Groups	164,562.43
- 49800 - Transfer from General Fund	13,647,000.00
TOTAL REVENUE	**18,087,473.77**

Section 9 – Commercial Recycling

Metal	2010 Tons Recycled
FERROUS	
- Tons	59,360.00
NON-FERROUS	
- Tons	6,138.00
MIXED METALS	
- Tons	30,166.06
AUTO BODY SCRAP	
- Tons	2,520.00
Total Metal	**98,184.06**

Paper	2010 Tons Recycled
CORRUGATED	
- Tons	24,504.55
NEWSPAPER	
- Tons	
OFFICE PAPER	
- Tons	
MISCELLANEOUS PAPER	
- Tons	
COMPOSITE AND ALL OTHER PAPERS	
- Tons	16,039.29
Total Paper	**40,543.84**

Glass	2010 Tons Recycled
FLAT GLASS	
- Tons	
OTHER/CONTAINER GLASS	
- Tons	29,071.00
Total Glass	**29,071.00**

Plastic	2010 Tons Recycled
#4 LDPE	
- Tons	
OTHER PLASTICS & MIXED PLASTICS	
- Tons	2,087.56
Total Plastic	**2,087.56**

- Tons	5,669.92
PALLETS	
- Tons	1,945.63
ELECTRONICS	
- Tons	361.38
Total Other Recyclables	**7,976.93**

Other Organic Recyclables	**2010 Tons Recycled**
MULCH	
- Tons	14,619.50
Total Other Organic Recyclables	**14,619.50**

C & D Debris	**2010 Tons Recycled**
RECYCLED C & D (NOT III/IV LANDFILLED)	
- Tons	19,012.47

Batteries	**2010 Tons Recycled**
LEAD-ACID	
- Tons	2,100.00
DRY CELL	
- Tons	0.03
Total Batteries	**2,100.03**

Miscellaneous	Collected **(in Tons)**
OTHER (1) Carpet and Carpet Pad	4,000.00
OTHER (2) Grease	4,983.00
OTHER (3) Mixed Plastic & Metal	546.12
Mixed Recyclables	8,307.17
Fluorescent Tubes	0.46

Totals	
Total Tons All Programs Recycled	231,432.14