MARYLAND DEPARTMENT OF THE ENVIRONMENT
Land Management Administration • Technical Services and Operations Program
1800 Washington Boulevard • Baltimore MD 21230-1719
410-537-3314 • 1-800-633-6101 x3314 • www.mde.state.md.us

Solid Waste Tonnage Report

Permitted Solid Waste Acceptance Facilities

Solid Waste Tonnage Report Instructions for Calendar Year 2009

Section A – Waste Accepted

Enter in *Table A1 – Waste Accepted*, all solid waste that was received at your facility in the calendar year. Complete one column in this Section for each county, including out-of-State counties from which your facility accepted waste. If your facility received waste from another facility such as a transfer station, report the county in which that facility is located as the origin of the solid waste. Report the quantity in tons for each type of solid waste and other materials that your facility accepted. Identify the quantity in tons of Municipal Solid Waste (MSW) that was Residential, Commercial, or Mixed (residential and commercial MSW).

Definitions and Details:

- MSW Ash is non-source separated municipal solid waste. Non-MSW ash is non-source separated non-municipal solid waste (see list of materials included in "Other Waste" in Table A1) and Coal Ash (*i.e.*, fly ash, pozzolan).

- Construction and Demolition Debris (C&D) includes concrete, asphalt, wood, gypsum, and asphalt shingles generated from construction, demolition, and renovation activities, that if not recycled would be disposed of at a permitted landfill.

- Concrete, for the purpose of this report, is a source-separated material generated from a source other than a construction, demolition, or renovation activity.

- Scrap Metal is divided into 3 categories:
  Front end scrap is metal pulled from the solid waste stream at the facility.
  Back end scrap is metal pulled post incineration.
  Scrap is separately collected scrap metal.

- For each "Other", list the type of material in the space above the dotted line and the tonnage in the space below the dotted line. "Other" includes materials such as, **but not limited to**, white goods, compost, wood waste, yard waste, food waste, electronics, pallets, and textiles.

Facility Name: _____ Refuse Disposal Permit #: _____

Solid Waste Tonnage Report – 2009

Section B – Incinerator and Waste-to-Energy Facility

ONLY Incinerators and Waste-to-Energy Facilities need to complete this section.

- No. 1 is the volume of MSW ash in tons that is generated from the incineration of solid waste at the facility.
- No. 2 is the volume of Non-MSW ash in tons that is generated from the incineration of solid waste at the facility.
- By-pass is the portion of solid waste in tons received at the facility that was not incinerated.

Section C – Total Amount of Waste Managed at Facility in 2009

This is a summary section that is used in conjunction with *Section E.*, as a quality control check. The total from this section **MUST** equal the total from the "Methods of Solid Waste Management" Section (C2 = D1 + D2).

- Stored solid waste (C1) is the amount of solid waste that, in the previous reporting year, was reported as stored on site as a method of on-site management. In reports filed for calendar year 2006 (and later), this total can be pulled from the "Stored" column in *Table D1 – On-Site Management* from the previous year's report.

Section D – Methods of Solid Waste Management

In *Table D1 – On-Site Management*, each column represents a method of solid waste management. In *Table D2 – Off-Site Management*, each column represents details on where the solid waste was sent. Complete both tables (with data reported in Sections A & B) with tonnage details of how each type of solid waste was managed. **Remember, totals from Tables D1 and D2 MUST equal the total from Section C (C2)!**

If the solid waste was subject to more than one management activity (*e.g.:* waste stored then landfilled;), report the last activity performed during the reporting period (*e.g.:* in the referenced example, the solid waste should be reported as landfilled in Table D1). ***Please review your entries to avoid double-counting for management activities.***

For Incinerators and Waste-to-Energy Facilities, please remember to report both the solid waste received for incineration and the amount of ash and by-pass generated from incineration activities.

Other Definitions and Details:

- For each "Other", list the type of material in the space provided and the tonnage in the appropriate column. "Other" includes materials such as, **but not limited to**, white goods, compost, wood waste, yard waste, food waste, electronics, pallets, and textiles.
- For Table D1, RU = Reused; RC = Recycled; CM = Composted/Mulched.

Solid Waste Tonnage Report – 2009

- In Table D2, in the "Recycled or Disposed" column identify if the solid waste was sent for recycling or if it was sent for disposal. If a material is given away or sold to the general public or businesses within the county, use "General Public or Businesses" as the facility name and list "Recycled." If a material is sold or given away to a single business entity, identify the business and the state and county where the business is located and list "Recycled." **Avoid double counting.**

- If it is not known how the solid waste was handled, assume that the material is disposed.

Section E – Quality Control (QC) Check

Use this section to determine if the quantities in tons of solid waste received at a facility are equal to the quantities in tons of solid waste managed. **THESE MUST EQUAL (E2 = 0)!**

Section F – Additional Information To Be Submitted By All Permitted Facilities

Solid waste quantities are to be reported in tons (1 ton = 2000 pounds). For facilities not having scales, please provide the conversion factor used to convert cubic yards of solid waste to tons.

Section G – Additional Information to be Submitted By Permitted Landfill Facilities

The additional information relating to landfill capacity is to be reported by all permitted landfills.

Section H – Certification

Please sign and date the Report. Please print or type your name and title in the space indicated. The completed report is **due by March 1, 2010**. Please return the completed report information to:

Maryland Department of the Environment
LMA/Technical Services & Operations Program
1800 Washington Boulevard, Suite 610
Baltimore, MD 21230-1719

Section I – Optional Economic Benefit Information

Facilities are encouraged to provide the optional information relating to the economic benefits provided by the facility to the host community.

MARYLAND DEPARTMENT OF THE ENVIRONMENT
Land Management Administration • Technical Services and Operations Program
1800 Washington Boulevard • Baltimore MD 21230-1719
410-537-3314 • 1-800-633-6101 x3314 • www.mde.state.md.us

Solid Waste Tonnage Report for Calendar Year 2009

Facility Name: _____

Refuse Disposal Permit #: _____

Name of Permit Holder: _____

Facility Address: _____
Street

Facility Address: _____
City State Zip

County: _____

Facility Telephone No.: _____ Facility Fax No.: _____

Contact Name: _____

Contact Title: _____

Contact Address: _____
Street

Contact Address: _____
City State Zip

Contact Email: _____

Contact Telephone No.: _____ Contact Fax No.: _____

For questions on how to complete this form, please call Mr. Tariq Masood at 410-537-3326.

Facility Name: _____ Refuse Disposal Permit #: _____

Solid Waste Tonnage Report – 2009

SECTION A. Waste Accepted

Table A1 – Waste Accepted Supplemental page(s) attached? Yes No

Origin	STATE→							
	COUNTY→							TOTAL
MSW	Residential							
	Commercial							
	Mixed							
	MSW Ash [1]							
Other Waste	Non-MSW Ash [1]							
	Asbestos							
	Asphalt							
	C&D [1]							
	Concrete [1]							
	Industrial							
	LCD							
	Scrap Metal [1]: Front-end							
	Back-end							
	Scrap							
	Scrap Tires							
	Sewage Sludge							
	Soil							
	Special Medical Waste							
	Other 1: List*							
	Amount							
	Other 2: List*							
	Amount							
	Other 3: List*							
	Amount							
TOTAL								↓↓↓

TOTAL WASTE ACCEPTED A1 →

[1] See Section A for definitions and additional information.

* Includes materials such as, **but not limited to**, white goods, compost, wood waste, yard waste, food waste, electronics, pallets, and textiles. See Section A for definitions and additional information.

Facility Name: _____ Refuse Disposal Permit #: _____

Solid Waste Tonnage Report – 2009

SECTION B. Waste-to-Energy Facilities/Incinerators ONLY

1. Tonnage of MSW ash generated from solid waste accepted at facility: _____
2. Tonnage of Non-MSW ash generated from solid waste accepted at facility: _____
3. Tonnage of by-pass generated from solid waste accepted at facility: _____

SECTION C. Total Amount of Waste Managed at Facility in 2009

TOTAL IN TABLE A1		**A1**
MSW ASH GENERATED (WTE ONLY)		**B1**
NON-MSW ASH GENERATED (WTE ONLY)		**B2**
BY-PASS GENERATED (WTE ONLY)		**B3**
Stored Solid Waste from Previous Year *		**C1**
GRAND TOTAL (A1+B1+B2+C1) ^		**C2**

C2

* Means the solid waste that was temporarily stockpiled at the site in the previous year but wasn't managed until the current year. **See Section C for instructions and additional information.**

^ The total reported in C2 **MUST** equal the total tons reported in *Section D* (See *Section E*).

SECTION D. Methods of Solid Waste Management

Table D1 – On-Site Management (In Tons)

	Landfilled	Incinerated	Projects at Landfills ^	Stored	Reused (RU) or Recycled (RC) or Composted (CM)/ Mulched		TOTAL
MSW						RU	
						RC	
						CM	
MSW Ash [1]						RU	
						RC	
						CM	

Facility Name: _____ Refuse Disposal Permit #: _____

Solid Waste Tonnage Report – 2009

	Landfilled	Incinerated	Projects at Landfills ^	Stored	Reused (RU) or Recycled (RC) or Composted (CM)/ Mulched		TOTAL
Non-MSW Ash [1]						RU	
						RC	
						CM	
Asbestos						RU	
						RC	
						CM	
Asphalt						RU	
						RC	
						CM	
C&D [1]						RU	
						RC	
						CM	
Concrete [1]						RU	
						RC	
						CM	
Industrial						RU	
						RC	
						CM	
LCD						RU	
						RC	
						CM	
Scrap Metal [1]:							
Front-end						RU	
						RC	
						CM	
Back-end						RU	
						RC	
						CM	
Scrap						RU	
						RC	
						CM	

Facility Name: _____ Refuse Disposal Permit #: _____

Solid Waste Tonnage Report – 2009

	Landfilled	Incinerated	Projects at Landfills ^	Stored	Reused (RU) or Recycled (RC) or Composted (CM)/ Mulched		TOTAL
Scrap Tires						RU	
						RC	
						CM	
Sewage Sludge						RU	
						RC	
						CM	
Soil						RU	
						RC	
						CM	
Special Medical Waste						RU	
						RC	
						CM	
Stored Waste (C1)						RU	
						RC	
						CM	
Other 1 *: _____						RU	
						RC	
						CM	
Other 2 *: _____						RU	
						RC	
						CM	
Other 3 *: _____						RU	
						RC	
						CM	
TOTAL TONS						RU	
						RC	
						CM	

D1

^ Means the use of solid waste or other materials for projects at landfills (*e.g.:* daily cover, road construction, etc.).

[1] **See Section D for definitions and additional information.**

* Includes materials such as, **but not limited to**, white goods, compost, wood waste, yard waste, food waste, electronics, pallets, and textiles. **See Section D for definitions and additional information.**

Facility Name: _____ Refuse Disposal Permit #: _____

Solid Waste Tonnage Report – 2009

Table D2 – Off-Site Management (In Tons)

State	County	Facility	Type of Waste	Tons	Recycled or Disposed
TOTAL TRANSPORTED					

D2

SECTION E. Quality Control (QC) Check

Total Tons of Solid Waste Managed at Facility in Current Year		C2
Total Tons in Table D1		D1
Total Tons in Table D2		D2
Total (D1 + D2)		E1
Difference (C2 – E1) *		E2

* Difference MUST be 0. C2 MUST equal E1.

SECTION F. Additional Information to be Submitted by ALL Permitted Facilities

F1. How is/are the category(ies) of incoming solid waste determined?
F2. How is the origin or source of incoming solid waste for each waste category determined?
F3. If applicable, what is the conversion factor used to convert cubic yards (yd^3) to tons?

Facility Name: _____ Refuse Disposal Permit #: _____

Solid Waste Tonnage Report – 2009

F4. What is the total quantity in tons of solid waste and other materials accepted per month?					
January	**February**	**March**	**April**	**May**	**June**
July	**August**	**September**	**October**	**November**	**December**
TOTAL:		**Note: This total MUST equal the amount reported in A1.**			
Include A Copy Of The Current Tip Fee And Other Charges For Your Facility With This Report					

SECTION G. Additional Information to be Submitted by Permitted LANDFILL Facilities

	Cubic Yards	**Tons**
G1. Total permitted landfill capacity.		
G2. Total amount of solid waste landfilled for year 2009.		
G3. Total amount of solid waste landfilled to date.		
G4. Total remaining permitted landfill capacity.		
	Percentage	
G5. Percentage of total permitted landfill capacity used for 2009.		
	Year	
G6. Projected calendar year when landfill will reach capacity.		
	Number	
G7. Number of permitted cells in landfill (as identified in approved plans).		

G8. A topographic map must be generated by a survey performed within the last three months of the reporting period.

The topographic map is to accurately describe the permitted landfill area. The map is to be signed and sealed by a professional land surveyor; be drawn to a scale between 1" = 40' and 1" = 200', as appropriate; and at a minimum, contain the following information:

(a) The total permitted cell acreage;
(b) The total amount of solid waste landfilled to date; and
(c) The total remaining permitted landfill capacity.

SECTION H. Certification

This is to certify that, to the best of my knowledge, the information contained in this report and any attached documents are true, accurate, and complete.

_____	_____	_____
Signature	Name, Title, & Telephone No. (Print or Type)	Date

Facility Name: _____ Refuse Disposal Permit #: _____

Solid Waste Tonnage Report – 2009

Table A1 – Waste Accepted **Supplemental Page _____ of _____**

Origin	STATE→							
	COUNTY→							TOTAL
MSW	Residential							
	Commercial							
	Mixed							
	MSW Ash [1]							
Other Waste	Non-MSW Ash [1]							
	Asbestos							
	Asphalt							
	C&D [1]							
	Concrete [1]							
	Industrial							
	LCD							
	Scrap Metal[1]: Front-end							
	Back-end							
	Scrap							
	Scrap Tires							
	Sewage Sludge							
	Soil							
	Special Medical Waste							
	Other 1: List*							
	Amount							
	Other 2: List*							
	Amount							
	Other 3: List*							
	Amount							
TOTAL								↓↓↓
				TOTAL WASTE ACCEPTED	A1			

[1] See Section A for definitions and additional information.

* Includes materials such as, **but not limited to**, white goods, compost, wood waste, yard waste, food waste, electronics, pallets, and textiles. See Section A for definitions and additional information.

Facility Name: _____ Refuse Disposal Permit #: _____

Solid Waste Tonnage Report – 2009

Optional Information Relating to the Economic Benefits of the Facility

(Note: Suggested questions to assist in providing the requested information are provided in italics.)

1. The facility's economic benefits provided to the locality where the facility is located.

(e.g.: Types of economic benefit provided, taxes paid, services provided, etc. How do the economic benefits provided impact the locality?)

2. Value of the disposal and recycling facilities provided to the locality at no cost or at a reduced cost.

(e.g.: Does the facility replace or complement any government services or facility?)

3. Direct employment associated with the facility.

(e.g.: How many people does the facility employ? Types of jobs? Total value of salaries paid to employees?)

4. Other economic benefits resulting from the facility during the reporting period.

(e.g.: Estimated value of goods and services purchased from the locality for the facility? Estimated value of materials produced or recycled for the year? Estimated value of savings to taxpayers for services provided?)