

Georgia Department of Natural Resources

Environmental Protection Division
Land Protection Branch
4244 International Parkway, Suite 104, Atlanta, Georgia 30354
Lonice C. Barrett, Commissioner
Harold F. Reheis, Director
(404)362-2537

April 8, 1996

MEMORANDUM

TO: Owners/Operators of Landfills

FROM: John D. Taylor, Chief
Land Protection Branch

SUBJECT: **Reporting Requirements for Landfills (O.C.G.A. 12-8-31)**

The Georgia Comprehensive Solid Waste Management Act of 1990 as amended (the Act) requires monitoring and reporting on the implementation of the State Solid Waste Management Plan. An annual Solid Waste Management Report has to be submitted to the Governor and the General Assembly providing a status on the progress being made by the State in the management of solid waste.

The Act and the Rules developed pursuant to the Act require submittal to the Department of Natural Resources, Environmental Protection Division (EPD), reports which are needed to complete the Annual Report to the Governor and the Legislature.

The reporting forms that have been developed require only the basic information needed as expressed in the Act and Rules. The reporting of this data is a compliance issue. It is incumbent upon the owner/operator (permit holder) to provide the information as a demonstration of compliance with the Act and the State Solid Waste Management Plan. Failure to submit the reports as required may subject the owner/operator (permit holder) to enforcement actions by the EPD.

Reports required to be submitted to the Environmental Protection Division are:

- 1. Reporting the quantities of solid waste disposed. (Authority: Chapter 391-3-4-.17, Rules for Solid Waste Management)**

Persons holding a municipal solid waste disposal permit, including Permits-By-Rule, shall report to the Director of EPD the total amount, in tons, of **solid waste disposed** of quarterly. Reports shall be filed by the 30th day after the beginning of each calendar quarter, covering the reporting period for the preceding quarter. Therefore, reports are due by April 30, July 30, October 30, and January 30. Reports must be submitted for all solid waste disposal operations except for private industry disposal facilities (i.e., industrial solid waste landfills restricted to use by the specific industry owner/operator).

The reports shall contain, at a minimum, which cities and counties are served by the disposal facility AND the total number of tons of **solid waste received (FOR DISPOSAL)** from each jurisdiction served during the reporting period. The required data for solid waste facilities shall be reported on the form Solid Waste Disposal Report and Permit-By-Rule facilities shall be reported on the form Permit-By-Rule Waste Disposal Report and submitted to:

Solid Waste Disposal Report **OR** Permit-By-Rule Waste Disposal Report
Environmental Protection Division
Land Protection Branch
4244 International Parkway, Suite 104
Atlanta, Georgia 30354

Copies of both forms are attached.

2. Reporting remaining capacity of the site. (Authority: Chapter 392-3-4-.17, Rules for Solid Waste Management)

On July 1 of each year, persons holding a municipal solid waste landfill permit shall report to the Director the remaining capacity of the facility. Since the legislative intent is for the Solid Waste Management Annual Report to be filed with the Governor and Legislature in January of each year, the report period should cover July 1 through June 30. The report should be filed between July 1 and September 30 and contain the remaining capacity data as of June 30. Reports must be submitted for all solid waste disposal operations except for private industry disposal facilities (industrial solid waste landfills restricted to use by the specific industry owner/operator) and permits-by-rule operations.

The remaining capacity shall be determined in cubic yards and the determination shall be certified by a professional engineer, registered in the State of Georgia.

The rate of filling shall be determined and provided along with an estimated completion date for the facility.

The required data and certification shall be on the form Remaining Municipal Solid Waste Capacity Report and submitted to:

Remaining Capacity Report
Environmental Protection Division
Land Protection Branch
4244 International Parkway, Suite 104
Atlanta, Georgia 30354

A copy of the form is attached.

If you have any questions concerning these reports, please contact your assigned Compliance Officer from the EPD Region or call 404/362-2696 and request assistance.

Attachments

RETURN TO:
SOLID WASTE DISPOSAL REPORT
ENVIRONMENTAL PROTECTION DIVISION
LAND PROTECTION BRANCH
4244 INTERNATIONAL PARKWAY SUITE 104
ATLANTA, GEORGIA 30354
For Assistance call: (404) 362-2696

DATA ENTRY: _____

SOLID WASTE DISPOSAL REPORT

____ Please complete and return.
Type or Print clearly

Solid Waste Permit Number: _____ Reporting Year: _____
Reporting Quarter: Jan - Mar
 Apr-June
 July-Sept
 Oct - Dec

Disposal Site Name: _____
Operator's Name: _____
Location Address: _____
Contact Person Name: _____
Contact Person Phone Number: _____

Measuring method: On Site Scales _____ Off Site Scales _____ Representative sample _____

Report **ONLY** on solid waste being **DISPOSED**.

Origin of Waste: Disposed: (Only Counties or Incorporated Municipalities)	Tons
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

TOTAL TONS: _____
Page _____ of _____

(IF MORE LINES ARE NEEDED FOR ORIGIN OF WASTE, STAPLE AN ATTACHMENT SHEET TO THE BACK OF THIS REPORT)

RETURN TO:
PERMIT-BY-RULE WASTE DISPOSAL REPORT
ENVIRONMENTAL PROTECTION DIVISION
LAND PROTECTION BRANCH
4244 INTERNATIONAL PARKWAY SUITE 104
ATLANTA, GEORGIA 30354
For Assistance call: (404) 362-2696

DATA ENTRY: _____

PERMIT-BY-RULE WASTE DISPOSAL REPORT

____ Please complete and return.
Type or Print clearly

Control Number: PBR Reporting Year: _____
Reporting Quarter: Jan - Mar
 Apr-June
 July-Sept
 Oct - Dec

Disposal Site Name: _____
Operator's Name: _____
Location Address: _____
Contact Person Name: _____
Contact Person Phone Number: _____

Measuring method: On Site Scales _____ Off Site Scales _____ Representative sample _____

Report ONLY on solid waste being DISPOSED.

Origin of Waste: Disposed: (<i>Only Counties or Incorporated Municipalities</i>)	Tons
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

TOTAL TONS: _____
Page _____ of _____

DATA ENTRY: _____

RETURN TO:
 REMAINING CAPACITY REPORT
 ENVIRONMENTAL PROTECTION DIVISION
 LAND PROTECTION BRANCH
 4244 INTERNATIONAL PARKWAY, SUITE 104
 ATLANTA, GEORGIA 30354
 For assistance call: (404) 362-2696

REMAINING MSW CAPACITY REPORT

Permit Holder: _____

Address: _____

Site Name: _____

EPD Permit Number: _____

	CALCULATED
I. SURVEY DATA A. Date of Topographic Survey B. Remaining MSW Volume (Available Fill Volume Based on Survey) C. Estimated Percent by Volume of Total Used by Cover Soil D. Net Remaining MSW Waste Volume (Line B Reduced by Line C)	_____ _____ cy _____ 25 % → _____ cy
II. AMOUNT OF SOLID WASTE DISPOSED E. Tons Per Day Received for Disposal F. Total Operational Days Per Year G. Total Estimated Annual Tons Disposed	_____ ton/day _____ days → _____ tons
III. WASTE PLACEMENT H. Estimated Waste Compaction Density I. Estimated Waste Compaction Density J. Net Volume Used Per Day (Line E Divided by Line I) K. Net Volume Used Per Day (Line G Divided by Line I)	_____ 1000 lbs/cy _____ 0.5 tons/cy → _____ cy/day _____ cy/yr
IV. REMAINING CAPACITY (SITE LIFE) L. Remaining Capacity (Line D Divided by Line J) M. Remaining Capacity (Line D Divided by Line K) N. Estimated Date of Completion for Facility	_____ days _____ years → _____
V. ADDITIONAL INFORMATION _____ _____	

I hereby certify the above determinations were performed under my direct supervision

 Registered Professional Engineer
 Georgia Registration No. _____

 Date

 Permit Holder

 Date

GUIDANCE FOR COMPLETION OF
REMAINING MUNICIPAL SOLID WASTE (MSW)
CAPACITY REPORT

SECTION

I. SURVEY DATA

- A. Use the date of the topographic survey being used to determine remaining capacity. Established site survey control or annual survey are needed.
- B. Remaining calculated volume based on survey data.
- C. Soil cover material generally calculated at 25%. If alternate daily cover used then adjust accordingly.
- D. Remaining volume (capacity in cubic yards)
This can be calculated by remaining calculated volume (B) minus soil cover (C).
Example: If remaining calculated volume (B) = 1000 cubic yards and cover (-daily/intermediate) soil = 25%, then using the formula $B - C = \text{remaining volume}$, $1000 \text{ cubic yards} - 25\% = 750 \text{ cubic yards (remaining volume)}$

II. AMOUNT OF SOLID WASTE DISPOSAL

Calculate the current average daily tonnage by dividing the total tonnage of MSW managed over the previous four quarters by the number of days the site is operational. If circumstances have changed which significantly alter this tonnage, please provide estimated current daily tonnage with an explanation for the change. (NOTE: Owners/Operators should use the quarterly tonnage reports sent to the Department per Rule 391-3-4.17(1) to complete this calculation.)

III. WASTE PLACEMENT

Calculate the current rate of MSW filling in cubic yards per day by multiplying the average daily tonnage by 0.5. This multiplier assumes that waste is compacted to an in-place density of 1000 pounds per cubic yard. If a different multiplier is used, please indicate so on the form and attached support calculations for the multiplier used.

IV. REMAINING CAPACITY (SITE LIFE)

Calculate the estimated completion date by adding the number days calculated to the date of the topographic survey used. (NOTE: If your site received a vertical expansion permit use the expiration date of July 1, 1998 or sooner.)

V. ADDITIONAL INFORMATION

This space is reserved for any additional information that may be of interest. For example: The site is using an alternative daily cover to extend its life; site contains additional permissible acreage.