



30-7-12 10
SWP #30-1258
Greene Co, TN

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
Division of Solid Waste Management
5th Floor, L & C Tower
401 Church Street
Nashville, Tennessee 37243-1535
615-532-0780

November 20, 1997

The Honorable G. Thomas Love
Mayor, Town of Greeneville
200 North College Street
Greeneville, TN 37745

RECEIVED
Division of Solid Waste Management
Date 12-1-97 File No. _____
Received by PSM

RE: Permit by Rule for a Composting Facility - SWP 30-1258

Dear Mayor Love:

This letter will serve as official notice that the Department of Environment and Conservation, Division of Solid Waste Management has approved your Permit by Rule notification submitted under Rule 1200-1-7-.02(1)(c)2 of Tennessee's Solid Waste Processing and Disposal Regulations. Your facility shall be deemed to have a Permit by Rule only if the conditions on the attached document, "Solid Waste Permit by Rule Conditions" are met. Compliance with these conditions is required by Rule 1200-1-7-.02(1)(c)1.

The permit number for this facility is SWP 30-1258. This number should be used on all reports and correspondence submitted to the Department or Division regarding this facility.

Sincerely,

Tom Tiesler, Director
Division of Solid Waste Management

JTT/DBM/mjs

PER12

Attachment

cc: Larry Gilliam, Johnson City Field Office

SOLID WASTE PERMIT BY RULE NOTIFICATION
Tennessee Department of Environment and Conservation
Division of Solid Waste Management



1. a. Facility's full, legal name Greenville/Greene County Composting Site		Official use only	
b. Mailing address 200 N. College St.		City Greenville	State TN
2. a. Physical location or address of facility 1555 Old Stage Road		Zip Code 37745	
b. Latitude (degrees, minutes, and seconds) N 36° 11 min 59 sec.		Longitude (degrees, minutes, and seconds) W 82° 45 min 23 sec	
3. Responsible official's name G. Thomas Love, Mayor		Phone number with area code (423) 639-7105	
4. Manager's or Operator's name Tom Leonard		Phone number with area code (423) 639-3011	
5. a. Landowner's name Town of Greenville and Greene Co., TN		Phone number with area code (423) 639-7105	
b. Mailing address 200 North College St.		City Greenville	State TN
6. a. Zoning authority's name Town of Greenville		Current zoning status M-2	Zip Code 37745
b. Mailing address 200 N. College Street		City Greenville	State TN
7. a. Type(s) of activity:		Phone number with area code (423) 639-7105	
<input type="checkbox"/> Mulching <input type="checkbox"/> Recycle Center <input type="checkbox"/> Tire Processor <input type="checkbox"/> Incineration <input type="checkbox"/> Transfer Station <input type="checkbox"/> Baling <input type="checkbox"/> Tub Grinder <input checked="" type="checkbox"/> Composting <input type="checkbox"/> Soil Remediation <input type="checkbox"/> Convenience Center <input type="checkbox"/> Waste Food Processor <input type="checkbox"/> Other _____			
b. Description of activities Composting leaves and grass clippings			
8. Type(s) of waste handled or processed: <input type="checkbox"/> Food <input type="checkbox"/> Tires <input type="checkbox"/> Commercial <input type="checkbox"/> Soil <input type="checkbox"/> Wood <input type="checkbox"/> Medical <input checked="" type="checkbox"/> Yard Waste <input type="checkbox"/> Other _____			
9. Amount of waste handled/processed/stored:			
Weight _____ tons/day		Volume <u>3.22</u> cubic yards/day	
Storage Capacity <u>820</u> cubic yards			

10. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.

Date 10-1-97

Signature of Responsible Official

Official Title

Signature of Notary

Date Commission Expires

(Notary Seal)

CN- 1035

(continued on reverse)

RDA 2202

Facility Name Greeneville/Greene County Compost
Facility
Permit No SWP [REDACTED]

**PROCESSING FACILITY
FINANCIAL ASSURANCE WORKSHEET**

1. The maximum storage capacity for solid waste in cubic yards:
Attach a sketch and/or calculation to support this number.

320 cy

2. The cost per yard times the amount shown above to transport to a disposal site:

\$ 500.20

3. The cost (tipping fee, surcharges, etc.) to dispose of this volume of waste:

\$ 0.00/cy

4. Contingency fee of 5%

\$ 25.01

5. Items 2+3+4=Total

\$ 525.01

6. Adjustment for future inflation (5% for 3 years)

\$ XXXXXXXXXXXXX

Total Amount Due

\$ 525.01

Signed

Tom Leamon

To the best of my knowledge, the above
information is correct and complete.

30-7-12 08
NRS # 30-104-0078
Greene Co, TN

Division of Solid Waste Management
Date 11-10-97

Letter of Transmittal

Greeneville/Greene County Landfill
1555 Old Stage Road
Greeneville, TN 37745

Date: 11/03/97

WE ARE SENDING YOU ☒ Attached ☐ Under a separate cover via _____
the following items:

☐ Prints ☐ Plans ☐ Samples ☒ Specifications ☐ Copy of a letter
☐

Copies	Date	No.	Description
3	11/03/97		Chris, this is the revised compost application.

THESE ARE TRANSMITTED as checked below:

☒ For approval ☐ Approved as submitted
☐ For your use ☐ Approved as noted
☐ As requested ☐ Returned for corrections
☐ For review and comment ☐ _____

REMARKS:

COPY TO _____ SIGNED: Tom Leonard

(I) The operator has complied with the notification requirement of part 2 of Rule 1200-1-7-.02, subparagraph I.

(a.) Application for permit by rule will accompany this document.

(b) I have submitted a U.S.G.S. 7.5 minute topographic map with the location indicated.

(II) The facility is constructed, operated, maintained, and closed in such a manner as to minimize:

(I) The propagation, harborage, or attraction of flies, rodents, or other disease vectors;

(a.) Leaves and grass clippings in the windrow will be turned when the temperature has reached sixty-five degrees. The turning of the windrows will keep odor down therefore keeping flies and rodents away from the windrows.

(II) The potential for explosions or uncontrolled fires.

(a.) There is a concrete barrier around the compost pad to control fire should one arise.

(III) The potential for releases of solid wastes or solid waste constituents to the environment except in a manner authorized by State and local air pollution control, water pollution control, and/or waste management agencies;

(a.) There will be no air pollution associated with this process. Leaves and grass clippings in compost windrow will be watered down to minimize dust. Ditches will be constructed along the back and sides of compost pad. Ditches will be constructed to divert water from the pad into a drain that will be placed in front of the pad to catch runoff this runoff will be diverted into the sanitary sewer which is located across the road next to the Class I Facility. This sewer line is connected to the Town of Greeneville's Waste Water Treatment Plant.

(IV) The potential for harm to the public through unauthorized or uncontrolled access;

(a.) Primary access to the facility will be provided from Old Stage Road. All vehicles will enter through the main entrance. Gates will be locked except during the operating hours (7:00a.m. to 3:00p.m.)

(III) The facility has an artificial or natural barrier which completely surrounds the facility and a means to control entry, at all times, through the gate or entrances to the facility;

(a.) The facility has concrete barriers which surround the compost pad there is also an earthen berm which surrounds the pad. Access will be controlled through the main gate at the entrance to the landfill. All drivers will check in at the scale house and instructed where to unload their materials. There is also a gate at the entrance to the compost site that can be used when the compost pad is full.

(IV) The facility, if open to the public, has clearly visible and legible signs at the points of public access which indicate the hours of operation, the general types of waste materials that either will or will not be accepted, emergency telephone numbers, schedule of charges (if applicable), and other necessary information;

(a.) The facility currently has signs showing the operation hours and general types of waste accepted at the facility. There will be new signs constructed directing traffic with leaves to the compost site. There will be no charge for bringing leaves and grass clippings to the site. The cost of the finished compost will be posted.

(V) Trained personnel are always present during operating hours to operate the facility;

(a.) Trained personnel will be present at the site during all hours the facility is opened.

(VI) The facility has adequate sanitary facilities, emergency communications (e.g., telephone), and shelter available for personnel;

(a.) Telephone service is available at this facility. Shelter, drinking water, and sanitary (handwashing and toilet) facilities will be available to all personnel at the facility administration office and maintenance building. Drinking water is from the Town of Greeneville water system.

(VII) The facility's access road and parking area are constructed so as to be accessible in all weather conditions;

(a.) The access road and parking area is a gravel surface.

(VIII) Except for convenience centers and composting facilities utilizing landscaping and land clearing wastes only, all waste handling (including loading and unloading) at the facility is conducted on paved surfaces;

(a.) The leaves and grass clippings will be unloaded onto the concrete pad where the windrows will be constructed.

(IX) There is no storage of solid wastes at the facility except in the containers, bins, lined pits or on paved surfaces, designated for such storage;

(a.) All leaves and grass clippings will be on the concrete pad.

(X) Except for incinerators or energy recovery units, there is no burning of solid wastes at the facility;

(a.) There will be no burning of solid wastes at the facility.

(XI) There is no scavenging of solid wastes at the facility and any salvaging is conducted at safe, designated areas and times;

(a.) There will be no scavenging of solid wastes at the facility.

(XII) Wind dispersal of solid wastes at or from the facility is adequately controlled, including the daily collection and proper disposal of windblown litter and other loose, unconfined solid wastes;

(a.) Leaves and grass clippings being organic material should not be a problem of unsightly litter, if necessary litter fences can be used. All paper and plastic waste shall be collected daily for proper disposal.

(XIII) All liquids which either drain from solid wastes or are created by washdown of equipment at the facility go to either (1) a wastewater treatment facility permitted to receive such wastewaters under Tennessee Code Annotated Sections 69-3-101 et seq. (Tennessee Water Quality Control Act), or (2) a subsurface disposal system permitted to handle the wastewater under Tennessee Code Annotated Sections 68-13-401 et seq. (Subsurface Sewage Disposal Systems);

(a.) Water from the compost piles will be directed by way drains and PVC lines to the leachate line that is located across the road next to the Class I Landfill. This is connected to the Town of Greeneville's Waste Water Treatment Plant.

(XIV) The facility receives no special wastes unless:

(a.) This facility will receive no special waste.

(XV) The operator can demonstrate, at the request of the Commissioner, that alternative arrangements (e.g., contracts with other facilities) for the processing or disposal of the solid wastes his facility handles are available in the event his facility cannot operate;

(a.) The facility operates a mulching operation which leaves and grass clippings can be diverted to if the facility could not operate. The facility also operates a transfer station in which leaves and grass clippings could be hauled to the landfill if need be.

(XVI) The facility has properly maintained and located fire suppression equipment (e.g. fire extinguishers, water hoses) continuously available in sufficient quantities to control accidental fires that may occur;

(a.) Fire extinguishers will be maintained on all operating equipment in case of fuel or electric fires.

(XVII) All waste residues resulting from processing activities at the facility are managed in accordance with this Rule Chapter or Rule Chapter 1200-1-11 (Hazardous Waste Management), whichever is applicable, and/or with any other applicable State or Federal regulations governing waste management;

(a.) Leaves and grass clippings will be the only wastes processed at this facility. Any waste residues will be of organic material and will be diverted to the sanitary sewer.

(XVIII) The facility is finally closed by removal of all solid wastes and solid waste residues for proper disposal;

(a.) When compost has reached maturity it will be sold to the public. If composting at the site is halted , the concrete pad will be cleaned and repairs made to the site.

(XIX) The facility must not be located in a wetland.

(a.) The facility is not located in a wetland.

(XX) The facility must not be located in a 100-year floodplain unless it is demonstrated to the satisfaction of the Commissioner that:

(a.) The facility is not located in a 100-year floodplain. See attached map.

(XXI) The facility does not:

I. Cause or contribute to the taking of any endangered or threatened species of plants, fish, or wildlife; or

II. Result in the destruction or adverse modification of the critical habitat of endangered or threatened species.

(a.) Leaves and grass clippings being organic natural material will not endanger or threaten and plant, fish or wildlife.

(XXII) the owner/operator may not store solid waste until the processing equipment has been installed on-site and is ready for use.

(a.) No leaves or yard waste will be stored until the processing equipment is in place. Also, no leaves or yard waste will be stored until the leachate collection system is in place.

(XXIII) The owner/operator of a solid waste processing facility which has a solid waste storage capacity of 1000 cubic yards or greater shall file with the Commissioner a performance bond or equivalent cash or securities, payable to the State of Tennessee. Such financial assurance is intended to ensure that adequate financial resources are available to the Commissioner to insure proper operation , closure, and post closure care of the facility. The types of financial assurance instruments and the amount of financial assurance required shall be in a form acceptable to the Commissioner. Such financial assurance shall meet the criteria set forth in Tennessee Code Annotated Section 68-211-116(a).

(a.) This facility will not have a storage capacity of 1000 cubic yards. The maximum storage capacity up until maturity of the pile will be 820 cubic yards.

(XXIV) Description of facility: Leaves and grass clippings will be unloaded onto a concrete pad for processing. Leaves will then moved to form a windrow sixteen feet wide, eight feet high, and one hundred and fifteen feet long. As material is brought in it will be added to the windrow. When the temperature reaches sixty-five degrees Celsius the windrow will be turned. A new windrow will be constructed with new material this windrow will be adjacent to the old one. Once three windrows are constructed with new material this windrow will be turned back and forth until it has reached maturity. Storage of leaves and grass clippings will only be on the concrete pad. The pad has barriers on three sides and will have ditches with rip-rap rock around and in front of the pad for runoff from the site.

Sample Daily Recording Sheet

Name of Recorder: _____
 Weather Conditions (sunny, rainy, etc): _____
 Wind Strength and Direction: _____
 Air Temperature: _____
 Date: _____
 Site Location: _____
 Time: _____

Personnel On-Site (municipal staff and contracted): _____

Site Conditions (pad surface, visible leachate, odour): _____

Incoming Material (general comments: contaminants, odour): _____

Activities Carried Out (windrow turning, watering): _____

Measurements Taken:

Windrow Number	Temperature (C or F)	Location on Windrow	Windrow Moisture
1		A	indicate if water is
2		B	needed, good, or in
3		C	excess
4			
5			

Windrows:

1	A	B	C
2	A	B	C
3	A	B	C
4	A	B	C
5	A	B	C

Other Measurements: _____

Complaints (give complaint and action taken): _____

Notes: _____

Site:

Name of Recorder;

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