

Form #4

OFFICE OF WEST VIRGINIA
SECRETARY OF STATE

John H. Johnston
Chief



FILED

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WEST VIRGINIA LEGISLATURE
Legislative Rule-Making Review Committee

State Capitol - Room MB-49
Charleston, West Virginia 25305
(304) 347-4840

OFFICE OF WEST VIRGINIA
SECRETARY OF STATE

Senator: Mike Ross, Co-Chairman
Delegate: Mark Hunt, Co-Chairman
Counsel: Debra A. Graham

Joseph A. Altizer, Associate Counsel
Rita Pauley, Associate Counsel
Audrey R. Ross, Admin. Assistant

December 14, 1997

NOTICE OF ACTION TAKEN BY LEGISLATIVE RULE-MAKING REVIEW COMMITTEE

TO: Ken Hechler, Secretary of State, State Register

TO: Mr. John Johnston, Chief
Div. of Env. Protection
Office of Air Quality
1558 Washington Street, E.
Charleston, WV 25311-2599

FROM: Legislative Rule-Making Review Committee

PROPOSED RULE: *To Prevent and Control Emissions from Municipal Solid Waste
Landfills (45CSR23)*

The Legislative Rule-Making Review Committee recommends that the West Virginia Legislature:

1. Authorize the agency to promulgate the Legislative Rule
 - (a) as originally filed
 - (b) as modified by the agency ☒
2. Authorize the agency to promulgate part of the Legislative rule;
a statement of reasons for such recommendation is attached. _____
3. Authorize the agency to promulgate the Legislative rule with
certain amendments; amendments and a statement of reasons
for such recommendation is attached. _____
4. Authorize the agency to promulgate the Legislative rule as
modified with certain amendments; amendments and a
statement of reasons for such recommendation is attached. _____
5. Recommends that the rule be withdrawn; a statement of
reasons for such recommendation is attached. _____

Pursuant to Code 29A-3-11(c), this notice has been filed in the State Register and with the agency proposing the rule.

FILED

45CSR23

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TITLE 45
LEGISLATIVE RULE
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF AIR QUALITY

OFFICE OF WEST VIRGINIA
SECRETARY OF STATE

SERIES 23
TO PREVENT AND CONTROL EMISSIONS FROM MUNICIPAL SOLID WASTE LANDFILLS

§45-23-1. General.

1.1. Scope.--This rule establishes standards of performance and emission guidelines for municipal solid waste landfills pursuant to Section 111 of the federal Clean Air Act as amended in 1990 (CAA). It is the intent of the Director to adopt these standards by reference. It is also the intent of the Director to adopt associated reference methods, performance specifications and other test methods which are appended to such standards.

1.2. Authority.--W.Va. Code §§22-5-1 et seq.

1.3. Filing Date.--

1.4. Effective Date.--

1.5. Incorporate by Reference -- Federal Counterpart Regulation. The Director has determined that a federal counterpart rule exists, in accordance with the Director's recommendation, and with limited exception, this rule incorporates by reference, 40 CFR Part 60 Subpart WWW effective on March 12, 1996.

§45-23-2. Definitions.

2.1. Definitions of all terms used, but not defined in this subsection, shall have the meaning given them in 40 CFR Part 60 Subpart WWW, as amended. Terms not defined therein shall have the meaning given to them in the federal Clean Air Act, 40 CFR Subparts A and B, or this Rule.

2.2. "Administrator" shall mean the Administrator of the United States Environmental Protection Agency or his or her designated representative.

2.3. "Director" shall mean the Director of the West Virginia Division of Environmental Protection or his or her designated representative.

2.4. "Existing" shall mean each MSW landfill that meets both of the following conditions: (a) commenced construction, reconstruction or modification before May 30, 1991; and (b) has accepted waste at any time since November 8, 1987, or has additional design capacity available for future waste deposition. Physical or operational changes made to an existing MSW landfill solely to comply with this rule shall not subject that landfill to the requirements of section 3.2.

2.5. "Municipal solid waste landfill" or "MSW landfill" shall mean an entire disposal facility in a contiguous geographical space where household waste is placed in or on land. An MSW landfill may also receive other types of RCRA Subtitle D wastes (40 CFR §257.2) such as commercial solid waste, nonhazardous sludge, conditionally exempt small quantity generator waste, and industrial

solid waste. Portions of an MSW landfill may be separated by access roads. An MSW landfill may be publicly or privately owned. An MSW landfill may be a new MSW landfill, an existing MSW landfill, or a lateral expansion.

2.6. "Municipal solid waste landfill emissions" or "MSW landfill emissions" shall mean gas generated by the decomposition of organic waste deposited in a MSW landfill or derived from the evolution of organic compounds in the waste.

2.7. "New" shall mean each MSW landfill that commenced construction, reconstruction, or modification or began accepting waste on or after May 30, 1991.

2.8. "NMOC", 'Non Methane Organic Compounds' shall mean nonmethane organic compounds, as measured according to the provisions of 40 CFR 60.754.

§45-23-3. Requirements.

3.1. No person may construct, reconstruct, modify, or operate, or cause to be constructed, modified, or operated a MSW landfill which results in a violation of this rule.

3.2. Each new MSW landfill shall comply with all of the applicable standards, requirements and provisions of 40 CFR Part 60 Subpart WWW, as amended including any reference methods, performance specifications and other test methods associated with Subpart WWW, which are herein incorporated by reference with the exceptions as follows:

3.2.a. In lieu of 40 CFR 60.758(a), the following provision applies: Each owner or operator of a MSW landfill subject to the provisions of 40 CFR 60.752(b) shall keep for at least 5 years up-to-date, readily accessible, on-site records of the maximum design capacity, surface monitoring design plan, the current amount of solid waste in-place, and the year-by-year waste acceptance rate. Either paper copy or electronic format records are acceptable.

3.3. Each existing MSW landfill shall comply with all of the applicable standards, requirements and provisions of 40 CFR Part 60 Subpart WWW, as referenced in 40 CFR 60 Subpart Cc. and as amended including any reference methods, performance specifications and other test methods associated with Subpart WWW, which are herein incorporated by reference with the exceptions as follows:

3.3.a. §40-60.750

3.3.b. In lieu of 40 CFR 60.752(b)(2)(i)(B), the following provision applies: The collection and control system design plan shall include any alternatives to the operational standards, test methods, procedures, compliance measures, monitoring, record keeping or reporting provisions of 40 CFR 60.753 through 40 CFR 60.758 proposed by the owner or operator. In addition, the collection and control design plan must specify:

- 3.3.b.1. The date by which contracts for control system/process modifications shall be awarded, (which shall be no later than 20 months after the date the NMOC emission rate is first calculated to meet or exceed 50 megagrams per year).
- 3.3.b.2. The date by which on-site construction or installation of the air pollution control device(s) or process changes will begin (which shall be no later

than 24 months after the date the NMOC emission rate is first calculated to meet or exceed 50 megagrams per year).

3.3.b.3. The date by which the construction or installation of the air pollution control device(s) or process changes capable of meeting the emission standards established under 40 CFR 60.752(b)(2)(iii) will be complete (which shall be no later than 30 months after the date the NMOC emission rate is first calculated to meet or exceed 50 megagrams per year).

3.3.b.4. The date by which the MSW landfill will achieve compliance with 40 CFR 60.753 (which shall be no later than 320 months [except where 40 CFR 60 indicates otherwise] after the date the NMOC emission rate is first calculated to meet or exceed 50 megagrams per year).

3.3.b.5. The date by which the MSW landfill will demonstrate compliance with applicable requirements by conducting a performance test in accordance with procedures specified by the Director (which shall be no later than 180 days after completion of construction or installation of the air pollution control device).

3.3.c. In lieu of 40 CFR 60.752(b)(2)(ii), the provisions of paragraphs 1. and 2. below shall apply.

3.3.c.1. Install a collection and control system that effectively captures the gas generated within the landfill as required by 40 CFR 60.752(b)(2)(i) within 30 months after the date the NMOC emission rate is first calculated to meet or exceed 50 megagrams per year, unless Tier 2 or Tier 3 calculations demonstrate that the NMOC emission rate is less than 50 megagrams per year, as specified in 40 CFR 60.757(c)(1) or (2).

3.3.c.2. The provisions of 40 CFR 60.752(b)(2)(ii)(A) and (B) apply as stated therein.

3.3.d. In lieu of 40 CFR 60.757(a)(1) the following provision applies: The initial design capacity report shall be submitted by the effective date of this rule plus 90 days.

3.3.e. In lieu of 40 CFR 60.757(b)(1)(i), the following provision applies: The initial NMOC emission rate report shall be submitted by the effective date of this rule plus 90 days and may be combined with the initial design capacity report required in 40 CFR 60.757(a). Subsequent NMOC emission rate reports shall be submitted annually, thereafter, except as provided for in 40 CFR 60.757(b)(1)(ii) and 40 CFR 60.757(b)(3).

3.3.f. In lieu of 40 CFR 60.758(a), the following provision applies: Each owner or operator of a MSW landfill subject to the provisions of 40 CFR 60.752(b) shall keep for at least 5 years up-to-date, readily accessible, on-site records of the maximum design capacity, surface monitoring design plan, the current amount of solid waste in-place, and the year-by-year waste acceptance rate. Either paper copy or electronic format records are acceptable.

§45-23-4. Director.

4.1. Any and all references in 40 CFR Part 60 to the "Administrator" are amended to be the "Director" except in the following references which shall remain "Administrator."as follows:

4.1.a. Where the federal regulations specifically provide that the Administrator shall retain authority and not transfer such authority to the State.

4.1.b. Where provisions occur which refer to:

4.1.b.1. alternate means of emission limitations

4.1.b.2. alternate control technologies

4.1.b.3. innovative technology waivers

4.1.b.4. alternate test methods

4.1.b.5. alternate monitoring methods

4.1.b.6. waivers/adjustments to record keeping and reporting

4.1.b.7. applicability determinations

4.1.c. where the context of the regulation clearly requires otherwise.

~~4.1.d. Part 60.752(b)(2)(i)~~

~~4.1.e. Part 60.752(b)(2)(i)(G)~~

~~4.1.f. Part 60.752(b)(2)(i)(D)~~

~~4.1.g. Part 60.757(c)~~

§45-23-5. Permits.

5.1. Nothing contained in this rule shall be construed or inferred to mean that permit requirements in accordance with applicable rules shall be in any way limited or inapplicable with the exception as follows:

5.1.a. A control system installed at a MSW landfill solely to comply with this rule and 40 CFR 60.752(b)(2)(iii), shall not be defined as a stationary source under §45-13-2.25.a. for purposes of applicability of §45-13 permit requirements.

§45-23-6. Inconsistency Between Rules.

6.1. In the event of any inconsistency between this rule and any other existing rule of the West Virginia Division of Environmental Protection, such inconsistency shall be resolved by the determination of the Director and such determination shall be based upon the application of the more stringent provision, term, condition, method or rule.



BUREAU OF ENVIRONMENT
10 McJunkin Road
Nitro, WV 25143-2506

CECIL H. UNDERWOOD
GOVERNOR

JOHN E. CAFFREY
COMMISSIONER

January 7, 1998

Ms. Judy Cooper
Director, Administrative Law Division
Office of the Secretary of State
Capitol Complex
Charleston, West Virginia 25305

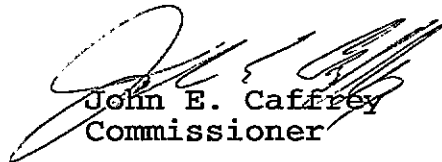
RE: 45CSR23 - "To Prevent and Control Emissions From
Municipal Solid Waste Landfills"

Dear Ms. Cooper:

This is to advise that I am giving approval to file with your office and Legislative Rule-Making the above-referenced rule as notice of rule modification of a proposed rule.

Your cooperation in this regard is very much appreciated. If you have any questions or require additional information, please feel free to contact Carrie Chambers at 759-0515.

Sincerely yours,


John E. Caffrey
Commissioner

JEC:cc

Attachment