

BUTTE COUNTY AIR QUALITY MANAGEMENT DISTRICT

**RULE 236 - IMPLEMENTATION OF THE EMISSION GUIDELINES FOR MUNICIPAL SOLID WASTE LANDFILLS** (Pursuant to Title 40 CFR Part 60, Subpart Cc)

*(Adopted January 15, 1998; Recodified August 22, 2002)*

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## **RULE 236**

- 1 DEFINITIONS:** Terms used but not defined in this Rule have the meaning given them in Title 40 CFR (Code of Federal Regulations) 60.751 (Definitions) except:
  - 1.1 Administrator,** for the purpose of this Rule, means the Air Pollution Control Officer (APCO) of the Butte County Air Quality Management District (DISTRICT), except that the APCO shall not be empowered to approve: alternative or equivalent test methods, alternative standards; or, alternative work practices unless included in the site-specific design plan as provided in 40 CFR 60.752(b)(2)(i).
  - 1.2 Design Plan** or plan means the site-specific design plan for the gas system submitted under Section 3.3 of this Rule.
  
- 2 APPLICABILITY:** This Rule shall apply to all Municipal Solid Waste (MSW) landfills meeting the following conditions:
  - 2.1** MSW landfills that commenced construction, reconstruction, or modification before May 30, 1991; and
  - 2.2** The MSW landfill has accepted waste at any time since November 8, 1987 or has had additional design capacity available for future waste deposition.
  - 2.3** The effective date of this Rule is the date the U. S. Environmental Protection Agency (EPA) promulgates approval of the DISTRICT's State Plan, through publication in the Federal Register, to implement the requirements of 40 CFR, Part 60, Subpart Cc.
  
- 3 REQUIREMENTS.**
  - 3.1** Each owner or operator of an MSW landfill that has a design capacity equal to or greater than 2.5 million megagrams or 2.5 million cubic meters, and has a non-methane organic compound (NMOC) emission rate of 50 megagrams per year or more, as calculated pursuant to 40 CFR 60.754 (Test Methods and Procedures), shall install a gas collection and control system meeting the conditions provided in 40 (CFR 60.752(b)(2)(ii) and (iii).
  - 3.2** The owner or operator of each MSW landfill shall submit an initial design capacity report and amended design capacity report as specified in 40 CFR 60.752 (Standards for Air Emissions from MSW Landfills). Any density conversions shall be documented and submitted with the report.

- 3.3** The owner or operator shall submit a site-specific gas collection and control system design plan to the APCO as provided under 40 CFR 60.752(b)(2)(i).
- 3.4** The design plan shall include any alternatives to the operational standards, test methods, procedures, compliance measures, monitoring, recordkeeping or reporting provisions of 40 CFR 60.753 through 60.758.
- 3.5** The APCO shall review and either approve or disapprove the design plan, or request that additional information be submitted. The design plan shall either conform with specifications for active collection systems in 40 CFR 60.759 or include a demonstration to the APCO's satisfaction of the sufficiency of the alternative provisions to 40 CFR 60.759. The design plan may include alternatives as specified in 40 CFR 60.752(b)(2)(i)(B).
- 3.6** Each MSW landfill required to install a gas collection and control system under this section shall meet the operational standards in 40 CFR 60.753; the compliance provisions in 40 CFR 60.755, and the monitoring provisions in 40 CFR 60.756, except that the APCO may approve alternatives in the design plan as provided in Section 3.5 of this Rule.
- 4 EXEMPTIONS:** Any alternatives to the operational standards, test methods, procedures, compliance measures, monitoring, recordkeeping or reporting provisions of 40 CFR 60.753 through 60.758 pursuant to 40 CFR 60.752(b)(2)(i)(B) should be addressed in the MSW landfill's design plan.
- 5 TEST METHODS:** Only U.S. EPA test methods shall be used to verify compliance with emission standards or other requirements set forth in 40 CFR 60, Subpart Cc, unless approved in advance, and in writing by the U.S. EPA.
- 6 RECORDKEEPING AND REPORTING REQUIREMENTS:** The owner or operator of each MSW landfill shall meet the recordkeeping and reporting requirements of 40 CFR 60.757 and 40 CFR 60.758, as applicable, except that the APCO may approve alternative recordkeeping and reporting provisions as provided in Section 3.5 of the Rule. Any records or reports required to be submitted pursuant to 40 CFR 60.758 shall be submitted to the APCO.
- 7 COMPLIANCE SCHEDULE.**
- 7.1** The design capacity and the NMOC emissions reports required pursuant to 40 CFR 60.752 and 40 CFR 60.754 shall be submitted within ninety (90) days of the effective date of this Rule.
- 7.2** The site-specific collection and control system design plan required under Section 3.3 of this Rule shall be submitted within one year after determining that the MSW landfill has a NMOC emission rate equal to or greater than fifty (50) megagrams per year.

- 7.3** The planning, awarding of contracts, and installation of the collection and control equipment required pursuant to Section 3.1 of this Rule shall be accomplished within thirty (30) months after the effective date of this Rule, or within thirty (30) months after meeting the condition in Section 3.1.
- 7.4** The initial performance test of the collection and control system equipment shall be accomplished within six (6) months of control system start-up.