

PLACER COUNTY AIR POLLUTION CONTROL DISTRICT

RULE 237 -- MUNICIPAL LANDFILLS

(Adopted 11-03-94) (Amended 02-09-95, 08-14-97)

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100 GENERAL

101 PURPOSE: To limit non-methane organic compounds (NMOC) emissions from municipal solid waste (MSW) landfills by implementing the provisions of 40 Code of Federal Regulations (CFR) Part 60, Subpart Cc Emission Guidelines and Compliance Times for MSW Landfills.

102 APPLICABILITY:

102.1 Geographic: The provisions of this rule shall apply to all facilities located in Placer County.

102.2 Business Category: The provisions of this rule shall apply to all Municipal Solid Waste (MSW) landfills that meet both of the following conditions:

102.2.1 Construction, reconstruction, or modification that was commenced before May 30, 1991; and

102.2.2 Has accepted waste at any time since November 8, 1987 or has additional design capacity available for future waste deposition.

200 DEFINITIONS

Terms used but not defined in this rule have the meaning given them in 40 CFR Part 60.751 (Definitions) except:

201 ADMINISTRATOR: The Placer County Air Pollution Control Officer is the Administrator for the purposes of this rule and referenced provisions of the Code of Federal Regulations, except that the APCO shall not be empowered to approve:

201.1 Alternative or equivalent test methods, alternative standards; or

201.2 Alternative work practices unless included in the site specific design plan as provided in 40 CFR Section 60.752 (b)(2)(I).

202 DESIGN PLAN OR PLAN: The site-specific design plan for the gas collection and control system submitted under Section 303 of this rule.

203 MUNICIPAL SOLID WASTE LANDFILL OR MSW LANDFILL: An entire disposal facility in a contiguous geographical space where household waste is placed in or on land. A MSW landfill may also receive other types of RCRA Subtitle D wastes 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. A MSW landfill may be publicly or privately owned. A MSW landfill may be a new MSW landfill, an existing MSW landfill or a lateral expansion

300 STANDARDS

301 DESIGN CAPACITY AND EMISSIONS REPORT: The owner or operator of each MSW landfill shall submit an initial design capacity and emissions report and amended design capacity emissions 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.

302 COLLECTION AND CONTROL SYSTEM: The owner or operator of a MSW landfill that has either a design capacity equal to or greater than 2.5 million megagrams (2.75 million tons) or 2.5 million cubic meters, or a non-methane organic compounds (NMOC) emission rate of 50 megagrams per year (55.1 tons per year), or more as calculated pursuant to 40 Code of Federal

August 14, 1997

Regulations (CFR) 60.754, shall install a collection and control system meeting the conditions provided in 40 CFR 60.752(b)(2)(ii) and (iii), except as provided in Section 304 of this rule.

303 COLLECTION AND CONTROL SYSTEM DESIGN PLAN: The owner or operator of a MSW landfill required to install a gas collection and control system pursuant to Section 302 shall submit a site-specific collection and control system design plan to the APCO as provided under 40 CFR 60.752(b)(2)(I)(B), and an Authority to Construct application pursuant to Rule 501, General Permit Requirements, and meet all of the following conditions.

303.1 The 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 60.758.

303.2 The APCO shall review and either approve or disapprove the 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)(B).

303.3 The design plan shall provide for the control of collected MSW landfill emissions through the use of a collection and control system meeting the collection and control system requirements of 40 CFR 60.752(b)(2)(ii) and (iii) except that paragraphs (b)(2)(ii)(B) and (b)(2)(iii)(A) of 40 CFR 60.752 concerning the use of passive collection systems and open flares do not apply to MSW landfills subject to this rule. Sources shall route all collected gas to a collection and control system that complies with the requirements of 40 CFR 60.752(b)(2)(ii)(A) for active collection systems or 40 CFR 60.752(b)(2)(iii)(B) or (C), concerning control devices and treatment systems other than an open flare.

304 COLLECTION AND CONTROL SYSTEM OPERATIONAL STANDARDS: Each MSW landfill required to install a gas collection and control system pursuant to Section 302 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 303 of this rule.

400 ADMINISTRATIVE REQUIREMENTS

401 COMPLIANCE SCHEDULE

401.1 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 after August 8, 1997.

401.2 The site-specific collection and control system design plan required under Section 303 of this rule shall be submitted within one year after the District determines that the MSW landfill has a NMOC emission rate equal to or greater than fifty (50) megagrams per year, or that there is 500,000 tons or more of waste in place.

401.3 The planning, awarding of contracts, and installation of the collection and control equipment required pursuant to Section 302 of this rule shall be accomplished within thirty (30) months after August 8, 1997.

401.4 The initial performance test of the collection and control system equipment shall be accomplished within six (6) months of control system startup.

500 MONITORING AND RECORDS

501 RECORD KEEPING: The owner or operator of each MSW landfill shall meet the record keeping

and reporting requirements of 40 CFR 60.757 and 40 CFR 60.758, as applicable, except that the APCO may approve alternative record keeping and reporting provisions as provided in Section 304 of this rule. Any records or reports required to be submitted pursuant to 40 CFR 60.757 or 40 CFR 60.758 shall be submitted to the APCO.