

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

RULE 1133.1 -- CHIPPING AND GRINDING ACTIVITIES

(Adopted January 10, 2003)

(a) Purpose

The purpose of this rule is to prevent inadvertent decomposition occurring during chipping and grinding activities.

(b) Applicability

This rule applies to operators of chipping and grinding activities, unless otherwise exempted under subdivision (f) of this rule. The requirements of Rule 403 – Fugitive Dust, also apply to these activities.

(c) Definitions

For the purposes of this rule, the following definitions shall apply:

- (1) AGRICULTURAL CHIPPING AND GRINDING is any chipping and grinding activity conducted at an agricultural site where organic waste material is generated on-site by the production and/or processing of farm products, and the chipped and ground organic waste material is used on-site.
- (2) CALENDAR DAYS refer to any days of the year, excluding official federal and state holidays.
- (3) CHIPPING AND GRINDING is any activity that mechanically reduces the size of greenwaste, woodwaste, and/or foodwaste.
- (4) COMPOSTING is a process in which solid organic waste materials are decomposed in the presence of oxygen under controlled conditions through the action of bacteria and other microorganisms.
- (5) CURBSIDE GREENWASTE is greenwaste that is collected from receptacles designated for residential household greenwaste. Curbside greenwaste also includes screened curbside greenwaste containing only grass clippings, leaves, and/or twigs that is not considered non-curbside greenwaste as defined in paragraph (c)(11).
- (6) FOODWASTE is any food scraps collected from the food service industry, grocery stores, or residential food scrap collection. Foodwaste also includes foodwaste that is chipped and ground. Foodwaste mixed

with greenwaste is considered foodwaste.

- (7) GREENWASTE is any organic waste material generated from gardening, agriculture, or landscaping activities including, but not limited to, grass clippings, leaves, tree and shrub trimmings, and plant remains.
- (8) INADVERTENT DECOMPOSITION is decomposition of greenwaste and/or foodwaste associated with stockpiling greenwaste and/or foodwaste for an extended period of time, and is not considered part of normal chipping and grinding operations.
- (9) LANDCLEARING is an activity where trees and plants grown at the site are cut, then chipped or ground and removed from the site to clear the site.
- (10) MIXED GREENWASTE is curbside greenwaste that is mixed with non-curbside greenwaste
- (11) NON-CURBSIDE GREENWASTE is any greenwaste that is not collected from receptacles designated for residential household greenwaste. Curbside greenwaste or mixed greenwaste that is screened and contains only large woody materials (larger than 3 inches in any dimension) such as tree trimmings and branches, is also considered to be non-curbside greenwaste.
- (12) PALM CHIPPING AND GRINDING is any activity that mechanically reduces the size of palm trees waste.
- (13) PORTABLE CHIPPING AND GRINDING is chipping and grinding utilizing equipment with a manufacturer's rating of 170 brake horsepower or less.
- (14) RAINY DAY is any day with at least 0.05 inches of rain reported by the National Weather Service or a cooperative weather reporting station for the site closest to where the chipping and grinding activity occurs.
- (15) WET WEATHER CONDITIONS are weather conditions following a rainy day not to exceed 10 days.
- (16) WOODWASTE is lumber, and the woody material portion of mixed demolition wastes and mixed construction wastes.

(d) Requirements

Effective July 1, 2003, the operator of a chipping and grinding activity shall:

- (1) Remove foodwaste from the site or use foodwaste for on-site composting within 2 calendar days of receipt.

- (2) Chip or grind, or use on-site, or remove curbside greenwaste from the site within 3 calendar days of receipt.
 - (3) Chip or grind or remove non-curbside greenwaste from the site within 14 calendar days of receipt.
 - (4) Chip or grind, or use on-site, or remove mixed greenwaste from the site within 7 calendar days of receipt.
 - (5) Remove chipped or ground curbside greenwaste from the site or use chipped or ground curbside greenwaste on-site within 3 calendar days of being chipped or ground.
 - (6) Maintain the following records on-site for two years:
 - (A) A copy of the facility's AQMD registration and annual updates submitted in compliance with Rule 1133; and,
 - (B) Records of date, type, and amount of greenwaste and/or foodwaste received; and,
 - (C) Records of date, type, amount of greenwaste and/or foodwaste removed from the site, and location where they are transferred to.
 - (D) Records of dates of rainy days and wet weather conditions and description of specific conditions that limited normal operations.
 - (E) Records of moisture content measurements.
 - (F) Records of dates and amount of curbside greenwaste chipped and ground.
 - (7) The time requirements specified in paragraphs (d)(1), (d)(2), (d)(3), (d)(4), and (d)(5) may be extended by the number of rainy days and wet weather conditions that impede normal chipping and grinding operations provided that records are maintained in accordance with subparagraph (d)(6)(D).
- (e) **Moisture Content Measurement**
Moisture content shall be determined by collecting at least 10 samples of chipped and ground greenwaste from various locations of the pile at a depth of at least 12 inches below pile surface. The samples shall then be mixed thoroughly and analyzed for moisture content by ASTM method D4442, ASTM method D4444 or ASTM method E871-82.
- (f) **Exemptions**
(1) Chipping and grinding activities of greenwaste derived from the site and

used on-site shall be exempt from the requirements of paragraphs (d)(2), (d)(3), (d)(4), (d)(5), and (d)(6).

- (2) Portable chipping and grinding, agricultural chipping and grinding, landclearing chipping and grinding, woodwaste chipping and grinding, and palm chipping and grinding activities shall be exempt from the requirements of paragraphs (d)(2), (d)(3), (d)(4), (d)(5), and (d)(6).
- (3) Chipped and ground curbside greenwaste shall be exempt from the requirements of paragraph (d)(5) provided that the moisture content is less than 30%, measured in accordance with subdivision (e) and the moisture content measurements are maintained on-site in accordance with subparagraph (d)(6)(E).

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