



**NOTICE OF PUBLIC CONSULTATION MEETING
PROPOSED NEW RULE 74.32, COMPOSTABLE MATERIAL HANDLING
AND CONVERSION OPERATIONS**

The Ventura County Air Pollution Control District will hold a public consultation meeting on proposed new Rule 74.32, Compostable Material Handling and Conversion Operations. Staff is proposing to reduce reactive organic compound (ROC) and other emissions associated with the handling and processing of organic materials to create beneficial products such as mulch, compost and renewable energy. The proposed rulemaking will regulate composting and associated processes. ROC and ammonia emissions from composting operations are the focus of this rulemaking since they are currently the largest unregulated source in the county (250 tons ROC per year and 45 tons ammonia per year). The purpose of this meeting is to solicit input on the proposed rule applicability and emission control requirements summarized in the attachment to this notice. The proposed applicability targets all facilities that emit greater than 1,000 pounds ROC per year or higher. This applicability threshold is significantly higher than the 200 pounds ROC per year threshold that currently applies to coating operations in Ventura County.

This rule development will implement ROC Control Measure R-607 as required by the Ventura County APCD's 2016 Air Quality Management Plan. In addition, this rule will implement an All Feasible Measures requirement of the California Clean Air Act (H&SC Section 40914). Ventura County APCD's 2016 Air Quality Management Plan relies on adopting specified emission control measures and All Feasible Measures to help attain the state ambient ozone air quality standard. The meeting will be held at the following time and location:

**Thursday – May 2, 2019
10:30 a.m.
First Floor Meeting Room
Ventura County Air Pollution Control District
669 County Square Drive
Ventura, CA 93003**

The proposed key requirements are summarized on the attachment to this notice. Staff is proposing to require VCAPCD registrations and/or permits and annual renewal fees for facilities that do not qualify for an exemption from this rule.

The public is invited to attend this meeting and provide input on the development of this rule. Contact Danny McQuillan at (805) 645-1432 or email danny@vcapcd.org if you have any questions or comments.

**SUMMARY OF PROPOSAL FOR NEW RULE 74.32
COMPOSTABLE MATERIAL HANDLING AND CONVERSION OPERATIONS**

The proposed new rule requirements (based on South Coast AQMD Rules 1133.1, 1133.2, and 1133.3; SJVAPCD Rules 4565 and 4566; and AVAQMD Rule 1133) are summarized below with a proposed effective date of July 1, 2020. The purpose is to reduce emissions of Reactive Organic Compounds (ROC), ammonia, methane, particulates, and to minimize nuisance odors.

1. **Applicability:** The provisions of this rule would apply to any active compostable material handling operation that is subject to the notification, registration, or permitting requirements under Title 14, CCR Section 1854.1, Regulatory Tier Requirements of Compostable Material Handling Operations and Facilities. Excluded activities (14 CA ADC Section 17855) such as, but not limited to, agricultural composting, nursery composting, mushroom farming, wood-waste chipping and grinding, and vermicomposting would not be subject to this rule.
2. **Stockpile Requirements:** Either remove material, start active composting, or cover with a waterproof cover not longer than 10 days after receipt (<100,000 TPY) or within 3 days (>100,000 TPY).
3. **Existing Composting Operations Only:** The following requirements apply to existing composting operations based on the annual throughput of organic material received:
 - a. Less than 50,000 TPY: For windrows, at least 3 turns during active phase plus watering system or equivalent 19% ROC and ammonia emission controls.
 - b. 50,000 to 100,000 TPY: For windrows, same controls as smaller operations plus finished compost cap or equivalent 40% emission controls.
 - c. Greater than 100,000 TPY: Engineered emission controls including choice of covered aerated static pile (positive flow with micro-porous waterproof cover), negative flow aerated static pile vented to a biofilter, in-vessel rotating bioreactor vented to a biofilter, or other equivalent 80% controls.
4. **New Composting Operations:** All new compostable material handling operations will be required to obtain a permit from VCAPCD and shall consist of covered aerated static piles or an alternative control method that achieves at least 80% emission control.
5. **Compost Operations Food Waste Requirements (applicable if food waste > 5,000 TPY and > 10% of the total annual green waste received):**
 - a. Remove all food waste from site or begin composting within 2 days.
 - b. All digestible waste shall be processed by digestion or other waste-to-energy conversion process or an alternative control measure that will reduce ROC and ammonia emissions by at least 80 percent.
6. **Existing Co-Composting Operations:** For operations composting with biosolids and/or manure see requirements from Antelope Valley AQMD Rule 1133.
7. **New Co-Composting Operation Requirements:**
 - a. Conduct all active co-composting within a sealed enclosure.
 - b. Conduct all active co-composting using an aeration system operating under negative pressure for no less than 90% of its blower operating cycle.
 - c. Vent the exhaust from the enclosure to an emission control system (at least 80% control)

- d. As an alternative control measure to the previous requirements, install engineered control system (at least 80% control).
- 8. **Rule Exempt Operations:** Exempt operations (14 CA ADC Section 17855) include, but are not limited to, agricultural composting (finished compost used only on site), community composting, mushroom farming, backyard or household composting, wood-waste chipping and grinding, and nursery composting.
- 9. **APCD Registration or Permit Requirements:** APCD Registration including annual renewal fees required for all facilities requiring emission control systems with less than 80% control efficiency such as windrows and windrows covered with a compost cap. APCD permits required for facilities utilizing emission control systems with greater than or equal to 80% control efficiency, such as aerated static piles, or captured emissions vented to a biofilter.