



AIR POLLUTION CONTROL DISTRICT

LARGE CONFINED ANIMAL FACILITY EMISSIONS MITIGATION PLAN SWINE

Reference Table 2.4 of Rule 217

Name of Business	_____
Owner / Operator	_____
Mailing Address	_____
Location Address	_____
Telephone Number	_____ Cellular Number _____
E-mail Contact	_____
Total Animal Head Count	_____

A. Feed - Owners/operators of a swine CAF shall implement at least two (2) of the following feed mitigation measures:

- Use grain with an average particle size diameter between 300-800 microns.
- Utilize phase feeding and split-sex feeding programs to more closely match the nutrient requirements of animals.
- Implement an alternative mitigation measure(s), not listed above - subject to approval by the APCD.

B. Housing - Owners/operators of a swine CAF shall implement at least three (3) of the following mitigation measures in each animal housing unit:

- Use a slatted floor system (slatted floors over deep pits or shallow flush alleys), with daily manure removal for shallow flush alleys and weekly removal from deep pits.
- Manage pens such that the manure depth in the pen does not exceed twelve (12) inches at any time or point.
- Inspect water pipes and troughs and repair leaks at least once every seven (7) days.
- Implement an alternative mitigation measure(s), not listed above - subject to approval by the APCD.

C. Liquid Manure - Owners/operators of a swine CAF that handle manure in a liquid form shall implement at least one (1) of the following mitigation measures:

- Use a phototropic lagoon.
- Use an anaerobic treatment lagoon designed in accordance with NRCS Guideline No. 359.
- Maintain lagoon pH between 6.5 and 7.5.
- Implement an alternative mitigation measure(s), not listed above - subject to approval by the APCD.

D. Land Application - Owners/operators of a swine CAF who land apply liquid manure to crop land on the facility shall implement one (1) of the following mitigation measures:

- Allow liquid manure to stand in the fields for no more than twenty-four (24) hours after irrigation.
- Implement an alternative mitigation measure(s), not listed above - subject to approval by the APCD.

I hereby certify that: I am the owner/operator of the facility on which this plan will be implemented; I have a copy of Rule 217 and I shall comply with the listed mitigation measures.

Signature

Date