5.5.5 Poultry CAF: Owners/operators of a large CAF that is a Poultry Facility shall comply with the Phase I requirements in Table 3.5:

Table 3.5 – Poultry Phase I Mitigation Measure Requirements	
A. Owners/operators shall incorporate at least five (5) of the following feed mitigation measures:	
Class One Mitigation Measures	
1.	a. Feed according to NRC guidelines.
2.	a. Feed animals probiotics designed to improve digestion according to manufacturer recommendations, or
3.	a. Feed animals an amino acid-supplemented diet to meet their nutrient requirements, or
4.	a. Feed animals feed additives such as amylase, xylanase, and protease, designed to maximize digestive efficiency according to manufacturer recommendations.
5.	a. Remove spilled feed from housing at least once every seven (7) days.
6.	a. Enclose grain in a weatherproof storage structure from October through May.
7.	a. Feed or dispose of feed within forty-eight (48) hour of grinding and mixing feed.
8.	a. Use feed additives designed to reduce feed decomposition or oxidization (the process were one or more electrons are removed from a molecule).
9.	a. Remove uneaten wet feed from the housing within twenty-four (24) hours of a rain event.
10.	a. Implement an alternative mitigation measure(s), not listed above.
B. Each poultry house shall incorporate at least four (4) of the following mitigation measures:	
Class One Mitigation Measures	
1.	a. Remove caked manure/litter at least once every fourteen (14) days.
2.	a. Clean under poultry cages at least once every fourteen (14) days.
3.	a. Use poultry litter additives designed to reduce air emissions or moisture content in litter, such as aluminum sulfate or sodium bisulfate, according to manufacturer recommendations.
4.	a. Use a dry housing cleaning method at all times, except when a wet cleaning method is required for animal health or biosecurity issues.
5.	a. Use drinkers that do not drip.
6.	a. Adjust the height, volume, and location of drinkers at least once every fourteen (14) days.
7.	a. Use no foggers in the house.
	Continues on the next page

Table 3.5 – Poultry Phase I Mitigation Measure Requirements (continued)	
8.	a. Only use fogger systems designed, operated and maintained according to manufacturer recommendations that provide water droplets with an average size of 50 microns or less.
9.	a. Slope the surface of the house at least 3% where the available space for each animal is 400 square feet or less. Slope the surface of the house at least 1.5% where the available space for each animal is more than 400 square feet per animal.
10.	a. Install mounds or berms up gradient to prevent the runoff of stormwater into pens (only an option for animals allowed to freely move between indoor housing structures and outdoor pens).
11.	a. Inspect water pipes and drinkers and repair leaks at least once every fourteen (14) days.
12.	a. Maintain the roof structure and manage roof runoff in accordance with the applicable standards in NRCS Field Office Technical Guide Code 558 or other applicable standards approved by the APCO, ARB, and EPA
13.	a. Implement an alternative mitigation measure(s), not listed above.
Class Two Mitigation Measures	
14.	a. Vent housing to a VOC control device with an overall VOC capture and VOC control efficiency of at least 80%.
15.	a. Use a belt litter removal system that dries the litter.
16.	a. House animals in a tunnel ventilated houses with mechanical ventilation.
17.	a. Use a litter drying system, such as a flat bed drying system.
C. Owners/operators that handle or store solid manure/litter or separated solids outside the animal housing shall incorporate at least one (1) of the following mitigation measures:	
Class One Mitigation Measures	
1.	a. Remove all manure/litter from the facility within seventy-two (72) hours of removal from housing, or b. Send all manure/litter to a lagoon within seventy-two (72) hours of removal from housing.
2.	a. Cover manure/litter outside the housing with a weatherproof covering from October through May, except for times, not to exceed twenty-four (24) hours per event, when wind events remove the covering.
3.	a. Use a solid manure/litter handling system in housing, such as stockpiles, solid land application, or a thin bed manure/litter drying system, instead of a liquid system such as flushing, manure/litter storage ponds, or manure/litter treatment lagoons.
4.	a. Implement an alternative mitigation measure(s), not listed above.
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Table 3.5 – Poultry Phase I Mitigation Measure Requirements (continued)	
Class Two Mitigation Measures	
5.	a. Send at least 51% of the manure/litter removed from site to a digester, with a VOC control device with an overall VOC capture and VOC control efficiency of at least 80%.
6.	a. Compost manure/litter removed from the housing with an aerated static pile vented to a VOC control device with an overall VOC ca pture and VOC control efficiency of at least 80%.
D. Owners/operators that handle manure/litter in a liquid form shall incorporate at least one (1) of the following mitigation measures:	
Class One Mitigation Measures	
1.	a. Manage the facility such that there are no lagoons, as defined in Section 3.35, at the facility.
2.	a. Use phototropic lagoon, or b. Use an anaerobic treatment lagoon.
3.	a. Remove solids from the waste system with a solid separator system, prior to the waste entering the lagoon.
4.	a. Maintain lagoon pH between 6.5 and 7.5.
5.	a. Implement an alternative mitigation measure(s), not listed above.
Class Two Mitigation Measures	
6.	a. Use an aerobic lagoon, or b. Use a mechanically aerated lagoon.
7.	a. Maintain organic loading in the lagoon that is less than 3.5 mg (dry weight)/mL, or total volatile solids is less than 3.5 mg/mL.
8.	a. Use additional non-standard equipment or chemicals on the solid separator system, such as roller or screw presses or chemical coagulants and flocculants, that increase the percent of solid separation achieved by the separator and is approved by the APCO, ARB, and EPA.
9.	a. Cover the lagoon or storage pond and vent to a VOC control device with an overall VOC capture and VOC control efficiency of at least 80%.