

**ERRATA SHEET FOR**  
**TENTATIVE ORDER NO. R9-2006-0096**  
**NPDES NO. CA0109011**

**WASTE DISCHARGE REQUIREMENTS FOR THE**  
**JACK AND MARK STIEFEL DAIRY**

1. Revise Effluent Limitations and Discharge Specifications B as follows:

**B. Land Discharge Specifications**

Land discharges of liquid waste and soil waste are not allowed within the property or at a property which is owned, rented, or leased by the CAFO owner or operator. Discharges of facility wastewater to disposal fields shall not result in surface runoff from disposal fields and shall be managed to minimize percolation to ground water

2. Revise Provisions A.1. Nutrient Management Plan (NMP) as follows:

**A. Special Provisions**

**1. Nutrient Management Plan (NMP)**

The Discharger shall implement the following best management practices and procedures, which are necessary to implement applicable effluent limitations and standards:

- a. *Take appropriate steps to ensure adequate storage of manure, litter, and process wastewater, including procedures to ensure proper operation and maintenance of the storage facilities that include, but is not limited to:*

Liquid Waste

- i. The discharge of facility wastewater shall not exceed a volume that is attributable to a mature milking cow herd size of 1,500 cows being milked twice per day unless the discharger submits for approval by the Regional Board a report certifying that the dairy has adequate facilities for a higher discharger volume.
- ii. Liquid waste shall not be applied to any cropland or pastureland within the property or at a property which is owned, rented, or leased by the CAFO owner or operator.

- iii. Wash water from the milking barn, flush alleys and other areas shall be collected and stored in the five waste storage ponds for evaporation. No other disposal methods shall be used.
- iv. The Discharger shall spread wastewater from the main storage pond to other ponds to increase evaporation rate.
- v. Waste storage ponds shall be lined with, or underlain by, soils which contain at least 10 percent clay and not more than 10 percent gravel, or artificial materials of equivalent impermeability.
- vi. Waste storage ponds shall be designed, constructed and managed to contain (1) process wastewater generated over a period of 60 days, and (2) all runoff from corrals and other manured areas from a 25-year, 24-hour storm.
- vii. Water levels in the waste storage ponds shall be sufficiently lowered by ~~October~~ November 1, of each year to provide adequate storage capacity prior to the beginning of the wet weather periods. As specified in 40 CFR 412.37 (a)(2), all open surface impoundments must have a depth marker which clearly indicates the minimum capacity necessary to contain the runoff and direct precipitation of the 25 year, 24-hour rainfall event.
- viii. All water lines, including drinking water or cooling water lines shall be inspected daily; the waste storage ponds shall be inspected weekly for levels indicated by the depth marker in paragraph (vii); and all storm water diversion devices, runoff diversion structures, and devices channeling contaminated storm water to the storage ponds shall be inspected weekly.

#### Solid Waste

- ix. Manured areas shall be maintained to prevent nuisance conditions and shall be managed to minimize infiltration of water into underlying soils. The corrals shall be cleaned of excess manure by October 1 of each year prior to the beginning of the rainy season.
- x. Solid waste from the corrals, the separator, and the waste storage ponds shall be collected and removed from the property.

- xi. Solid waste shall not be applied to any cropland or pastureland within the property or at a property which is owned, rented, or leased by the CAFO owner or operator.
  - xii. The Discharger shall not knowingly contribute to the improper disposal of manure hauled off-site. The manure hauled off the dairy property shall be recorded on manure manifest forms and properly applied or disposed of to ensure that the water quality is not adversely affected in the area.
  - xiii. Solid waste from the separator shall be stored in a confined area to prevent nuisance conditions, storm water run-on and run-off, and infiltration of liquid into groundwater.
  - xiv. The solid waste storage area shall be lined with or underlain by soils which contain at least 10 percent clay and not more than 10 percent gravel, or artificial materials of equivalent impermeability.
  - xv. The solid waste storage area shall be completely enclosed with a ramp entrance, to contain any liquid and a 25-year, 24-hour storm water.
  - xvi. The enclosures shall be maintained to prevent erosion, collapse, rodent or gopher holes, and excessive vegetation growth.
- b. Take appropriate steps to ensure proper management of mortalities (i.e., dead animals) to ensure that they are not disposed of in a liquid manure, storm water, or process wastewater storage or treatment system that is not specifically designed to treat animal mortalities, that include, but is not limited to the following:*
- i. All dead animals must be removed from the property and taken to a rendering plant for disposal.
- c. Take appropriate steps to ensure that clean water is diverted, as appropriate, from the production area that include, but is not limited to the following:*

- i. All surface drainage from outside the facility shall be diverted away from any manured areas unless such drainage is fully contained.
  - ii. Storm water diversions shall be constructed and maintained around the solid waste storage area.
- d. *Take appropriate steps to prevent direct contact of confined animals with waters of the United States that include, but is not limited to the following:*
- i. The Discharger shall install a fence on the south side of the storm water diversion in Field 11 to keep any cows from crossing over the diversion.
- e. *Take appropriate steps to ensure that chemicals and other contaminants handled on-site are not disposed of in any manure, litter, process wastewater, or storm water storage or treatment system unless specifically designed to treat such chemicals and other contaminants.*
- f. *Implement protocols for appropriate testing of manure, litter, process wastewater, and soil in accordance with 40 CFR 412.4 (c) [40 CFR 122.42(e)(1)(vii), that include, but is not limited to the following:*
- i. Prior to transferring manure to other persons, the Discharger shall provide the recipient of the manure with the most current nutrient analysis [40 CFR 122.42(e)(3)]. Manure must be analyzed a minimum of once annually for nitrogen and phosphorous content.
  - ii. The Discharger must retain for five years records of the date, recipient name and address, and approximate amount of manure, litter or process wastewater transferred to another person.
- g. *Maintain records on-site, for a period of five years, and be submitted to the Regional Board upon request [40 CFR 412.37 (b)].*

3. Revise Attachment C flowchart as follows:

Remove “Land Irrigation” box from the flowchart.