



**SAN JOAQUIN COUNTY**  
**ENVIRONMENTAL HEALTH DEPARTMENT**  
1868 East Hazelton Avenue, Stockton, CA 95205-6232  
**Telephone:** (209) 468-3420 **Fax:** (209) 464-0138 **Web:** www.sjgov.org/ehd

## **CONFINED ANIMAL FACILITY MANURE/SOLID WASTE MANAGEMENT PLAN GUIDANCE DOCUMENT**

This Guidance Document is designed to assist in the development of a Manure/Solid Waste Management Plan for confined animal facilities (as defined in Title 27, § 20164 of the California Code of Regulations) that must be approved by the Environmental Health Department. The plan is required in order to ensure that wastes from these operations are handled in a manner that provides public health protection, protects ground and surface, water quality, and minimizes the harborage and breeding of vectors such as rodents and insects.

Authority for these requirements are contained in the California Public Resources Code, Division 30, §43020; the California Code of Regulations, Title 14, Division 7, Chapter 3, Article 8; the San Joaquin County Development Title, §9-605.6(k)(4), and the San Joaquin County Ordinance Code, Title 5, Division 2.

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### **GENERAL INFORMATION**

- Describe the type of operations conducted at this facility.
- Describe the frequency, duration, and time of year the facility will be in operation (year-round, seasonal, etc.)
- Provide a general description of the facility, and a site map of the parcel(s) showing the location of existing and proposed structures associated with the operation (such as barns, stalls, corrals, pens, feed storage areas, ponds, lagoons, drainage canals, and manure use or disposal fields), as well as any residences, septic systems, and wells.
- Describe the prevailing wind direction at the site.

### **MANURE MANAGEMENT**

- Provide the maximum number of animals proposed in the facility design.
- Describe how manure from the confined animal operations will be managed, including the estimated amount that will be generated daily and the moisture content of the manure (liquid or dry).
- Describe the number, type, size and location of manure storage areas (ponds, lagoons, retention basins, stockpiles, etc.) and any associated washout systems (gutters, pipes, drains and ditches, etc.).
- Describe the manure disposal method(s) and location(s), such as on-site or off-site land spreading, irrigation, etc.
- Note that any proposed discharge of manure to ponds, lagoons, land spreading, irrigation, or combination of these methods must comply with EHD requirements, the State Water Resources Control (SWRCB) "Statewide Water Quality Regulations for Confined Animal Facilities," and any requirements of the Central Valley Regional Water Quality Control Board (CVRWQCB).

**See the CVRWQCB website:** [http://www.waterboards.ca.gov/centralvalley/available\\_documents/confined](http://www.waterboards.ca.gov/centralvalley/available_documents/confined)

### **SOLID WASTE (REFUSE, GARBAGE AND DEAD ANIMAL) MANAGEMENT**

- Describe the type, number and capacity of refuse and garbage containers used by the facility (cans, dumpsters, etc.) and the name of the person or refuse company responsible for waste removal, frequency of removal and disposal location (transfer station, landfill, etc.)
- Describe the projected number and frequency of animal deaths, and the storage and disposal methods used for dead animals (licensed rendering plant, etc.)

### **FEEDING OPERATIONS**

- Describe the type(s) of feed utilized (hay, silage, grain, food processing byproducts, etc.) and storage location(s).

### **VECTOR CONTROL**

- Describe the methods (trapping, baiting, spraying, etc.) used to minimize rodent harborage, insect breeding (mosquitoes, flies, etc.), and adult fly populations associated with the facility operations (the animal confinement areas, the manure storage areas, the feeding operations, and the solid waste containment areas).
- If a licensed pest control service is utilized, provide the name of the company, the frequency, and type of control methods to be used.