

## **NOTES TO REVIEWERS**

### **MWWSH**

This dairy facility consists of 1400 head of dairy cattle. The cattle are housed in freestall buildings and all waste is transferred to the existing earthen storages. The existing earthen storages will provide over a year of waste storage.

In the rare circumstance that a mortality occurs the facility uses a rendering service to dispose of the mortality. Mortalities have been placed in a drive area until such time as the rendering service picks up. Facility is aware of the requirements of 40 CFR 122.42 E.1. ii. and are exploring options to place the mortalities under roof until such time as the rendering service can pick them up. The facility will either use an existing building (not used for livestock) or construct a building specifically for mortalities. The rendering service typically picks up the next day after being contacted. If a mortality occurs during the weekend the rendering service would pick up the following Monday.

### **Land Treatment**

All fields meet T under planned management and rotations.

### **Nutrient Management**

Producer has 1,290 acres of land available for manure application that is part of the dairy facility. Soil tests are available for only a portion of the fields. For those acres where soil tests are not available manure applications were planned at a P rate. For those fields with soil tests fields that exceed 300 lbs/acre P test, no applications are to take place until such time in which it can be shown that the soil test levels have decreased to levels below 300 lbs/acre. Recommendations are to get soil tests up to date on all acres where applications are to take place. Soil tests are to be taken on 2.5 acre grids.

Producer has manure analysis for the facility; however the manure analysis was taken prior to the addition of the larger holding pond and the collection of waste from the concrete pad. This manure analysis has been used to estimate the manure analysis of the current facility. It is recommended that the producer take manure analysis from the current facility to verify the analysis.

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## **Rancho Cantera Info**

***To meet Dept. of Ag requirements, you need to:***

***Soil Test***

***Take annual manure analyses (at least until stable)***

***Apply at agronomic rates according to analyses***

***Obey setbacks***

***200' from water***

***200' from wells (NRCS requirement)***

***¼ mi. from residences IF you have to surface apply***

***no setback from residences IF injecting***

***To meet CAFO requirements:***

***You do NOT need a NPDES permit, UNLESS you discharge***

***Your facility should be a “no discharge” facility, EXCEPT in the case of a tanker turnover or accident, or drag hose rupture AND that spill reaches a “navigable water” (navigable is yet to be defined)***

You DO NOT have a discharge based on land application (i.e. large unexpected rainfall after an application causes a fish kill downstream), IF you have a nutrient management plan, AND you are following it!

***To meet IEPA requirements, all records shall be maintained in accordance with section 4.e. (i-x) of the general permit.***