

ITEM: 15

SUBJECT: Uncontested Waste Discharge Requirements for Confined Animal Facilities

REPORT: Following are proposed waste discharge requirements for confined animal facilities. All agencies and the dischargers concur or have offered no comments.

John Fiscalini, DBA Fiscalini Farms, Stanislaus County

Mr. John Fiscalini is the owner and operator of Fiscalini Farms, a dairy and cheese plant. The facility is about twelve miles northwest of the city of Modesto, Stanislaus County. Herd size at the facility was reported in December 2007 as having 1,700 milking and dry cows. It is proposed that the dairy add a mesophilic anaerobic digester to the facility. No increase in herd size has been proposed at this time. The digester installation will include an above ground flush collection tank with a moisture barrier between the soil and the tank floor, a thickening tank, two 850,000 gallon capacity concrete above ground tanks with a moisture barrier between the soil and tank floor, and a combined heat and power (CHP) unit. The digester influent will include flush water, cheese whey, and sudan green chop. Digester effluent will be removed from the digester daily and passed through two screw press separators. Separated digester liquid effluent will go to the settling basin and then to the wastewater storage lagoon; the separated digester solids will be stored on a concrete pad until they are either used onsite for animal bedding or sold off site.

A Report of Waste Discharge dated 20 February 2008 was submitted for the proposed digester. A Nutrient Management Plan and the balance of the information needed for a complete Waste Management Plan will be provided prior to discharge of digester effluent into the wastewater retention system and application of wastewater to land. An Negative Declaration was prepared for the project and was certified by the Stanislaus County Planning and Community Development Department on 5 April 2007.

RECOMMENDATION: Adopt the proposed waste discharge requirements.

Mgmt. Review \_\_\_\_\_

Legal Review \_\_\_\_\_

Central Valley Regional Water Quality Control Board  
11020 Sun Center Dr. #200  
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12 June 2008