

ITEM: 5

SUBJECT: Overview of Order R5-2007-0035, Waste Discharge Requirements General Order for Existing Milk Cow Dairies and Required Reports

BOARD ACTION: *Incorporation of this Item into Items 6 through 10. No specific action on this Item.*

BACKGROUND: This is an information item to present an overview of the reporting requirements of Order R5-2007-0035, Waste Discharge Requirements General Order for Existing Milk Cow Dairies (General Order). The overview is intended to present information common to each hearing for Items 6 through 10 so that these issues do not need to be presented individually.

The General Order was adopted by the California Regional Water Quality Control Board, Central Valley Region (Central Valley Water Board) on 3 May 2007. Significant interaction with stakeholders occurred during drafting of the General Order and staff worked to minimize the cost of compliance. Dairy orders adopted after the General Order have the same basic reporting requirements. All dairies covered by the General Order are required to:

- Submit a Waste Management Plan for the production area to demonstrate that the production area is designed, constructed, operated, and maintained so that dairy wastes generated are managed in compliance with the General Order to prevent adverse impacts to groundwater and surface water quality;
- Develop and implement a Nutrient Management Plan (NMP) for all land application areas. The purpose of the NMP is to budget and manage the nutrients applied to the land application areas to prevent adverse impacts to groundwater and surface water quality;
- Monitor wastewater, soil, crops, manure, surface water discharges, and storm water discharges to provide information needed for the nutrient budget

and document any off-site discharges. This information is typically provided in the annual report;

- Monitor surface water and groundwater to identify any impacts to water quality and evaluate water quality trends. Information for water supply wells and surface water are provided in the annual report. Data collected from groundwater monitoring wells (if they exist) are provided in self monitoring reports;
- Keep records for the production and land application areas to provide information needed for the nutrient budgets and completion of the annual report; and
- Submit annual monitoring reports.

Compliance with the General Order is needed to document that dairies are implementing management practices intended to protect water quality. Required reports that are the subject of the complaints to be presented during the Panel Hearing include:

- Annual Reports for calendar year 2008 due on 1 July 2009,
- Annual Reports for calendar year 2009 due on 1 July 2010,
- Waste Management Plans due 1 July 2010, and
- Individual Groundwater Monitoring Well Installation and Sampling Plans as required by California Water Code Section 13267 Orders issued by the Executive Officer.

RECOMMENDATION: Incorporate by reference into the record for Items 6 through 10.

Mgmt. Review _____

Legal Review _____

20 July 2011

11020 Sun Center Drive, Suite 200
Rancho Cordova, CA 95670

