

California Central Valley Dairy Waste and Nutrient Management Waste Management Plan: Flood Protection/Inundation Report

[Home](#) | [Links](#) | [Glossary](#) | [What's New \(07/10/08\)](#) | [Annual Report 2007 \(Due 07/01/08\)](#) | [Contact](#) | [Log out](#)

[Previous](#)

[Next](#)

Schedule: July 1, 2009

Page: Waste Management Plan: Flood Protection/Inundation Report

Flood protection / inundation report

Sacramento River Basin is the selected basin designation. If the basin designation selected is not correct, you may update it on the Facility Information screen.

Select a FEMA floodzone designation for this facility:

Zone X

Select the item below that best describes the flood protection status of the facility and enter a map or document reference number that satisfies the requirements. Any reports that document the facility's flood protection criteria must be signed by a Professional Engineer, Licensed Land Surveyor or equivalent.

1. For facilities in the Sacramento River and San Joaquin River Basins, attach an Engineering Report showing if the facility has adequate flood protection, describing the size, elevation, and location of all facilities present to protect the facility from inundation or washout and include a map and cross-sections to scale, calculations, and specifications as necessary, showing:
- The retention ponds and manured areas at facilities in operation on or before November 27, 1984 are protected from inundation or washout by overflow from any stream channel during 20-year peak storm flow; or
 - Existing facilities in operation on or before November 27, 1984 that are protected against 100-year peak storm flows will continue to protect; or
 - Facilities or portions thereof, which began operation after November 27, 1984 are protected against 100-year peak stream flows.
2. For facilities in the Tulare River Basin, attach an Engineering Report showing if the facility has adequate flood protection, describing the size, elevation, and location of all facilities present to protect the facility from inundation or washout and include a map and cross-sections to scale, calculations, and specifications as necessary showing if the facility is protected from overflow from stream channels during a 20-year peak stream flows for facilities that existed as of July 25, 1975. Facilities expanded after December 8, 1984 must be protected from 100-year peak stream flows.
3. If the Discharger can provide to the Executive Officer an appropriate published flood zone map that shows the facility is outside the relevant flood zone, the requirement for an engineering report showing adequate flood protection does not apply to that facility. *If this option is selected, please attach the published flood zone map showing that the facility is outside the relevant flood zone.*
4. If the facility's flood protection does not meet the minimum requirements, the Waste Management Plan shall include proposed modifications or improvements with the corresponding design to achieve the necessary flood protection and a schedule for construction and certification of completion to comply with the Schedule of Tasks J.1 of Waste Discharge Requirements General Order No. R5-2007-0035.

Map or Document Reference Number:

0602990570C (FEMA)

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