

**STATE OF CALIFORNIA
REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL COAST REGION**

STAFF REPORT FOR REGULAR MEETING OF SEPTEMBER 1, 2011

Prepared on August 10, 2011

ITEM NUMBER: 10

SUBJECT: Waiver of Waste Discharge Requirements for Mounded On-site Septic Disposal System, Enza Zaden Research USA's Facility, 525 Lucy Brown Lane, San Juan Bautista, Resolution No. R3-2011-0216

KEY INFORMATION

Location:	525 Lucy Brown Lane, San Juan Bautista, San Benito County
Lot Size & Type:	Approximately 55 acres; Rural Transitional
Type of Discharge:	Domestic Septic Wastewater
Disposal Method:	Septic system with 325 square foot leachfield (200% built) and another 100% set aside for future expansion or backup.
Design Flow:	355 gallons per day (gpd) - peak
Land Owner/Discharger:	Enza Zaden Research USA
Local Oversight Agency:	San Benito County Department of Environmental Health
This Action:	Adopt Resolution No. R3-2011-0216 for Waiver of Waste Discharge Requirements

DISCUSSION

The proposed Waiver Resolution (Attachment 1) waives waste discharge requirements for an on-site domestic wastewater treatment and disposal system for a lot located at 525 Lucy Brown Lane in San Juan Bautista.

The Discharger proposes a mounded on-site subsurface septic disposal system for bathrooms in an office building to accommodate a team of scientists and field technicians. The proposed system complies with septic system criteria and prohibitions in the Basin Plan except for the minimum distance required to groundwater. The Discharger requests an exemption to Basin Plan Chapter IV, Section VIII.D.3.i.3, which requires a minimum five-foot vertical distance between the septic system leachfield trench bottom and groundwater. The Discharger's current site plan indicates a maximum distance of 36 inches to first encountered groundwater. The proposed mound system design meets applicable portions of the 1980 State Water Resources Control Board Guidelines for Mound Systems and 1989 Final Draft State Water Resources Control Board Guidelines for the Design, Installation and Operation of Mound Sewage Disposal Systems.

The San Benito County Environmental Health Department approved the initial mound system design and signed the Supplemental Form to the Regional Board for final review and approval on April 19,

2011. In addition, the San Benito County Environmental Health, Planning & Building, and Engineering Departments all certified the Supplemental Form and recommended conceptual approval of the exemption request.

Mounded disposal system designs have been successfully applied under similar conditions throughout the state since prior to 1980. A waiver of waste discharge requirements is in the public interest and is consistent with applicable water quality control plans, including the Basin Plan if the proposed on-site disposal system is properly operated and maintained in accordance with San Benito County ordinances, permit conditions, and the conditions of this Waiver Resolution.

RECOMMENDATION

Adopt Resolution No. R3-2011-0216 as proposed, waiving waste discharge requirements.

ATTACHMENT

Proposed Resolution No. R3-2011-0216

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