



California Regional Water Quality Control Board Central Valley Region

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3 November 2009

NOTICE
TENTATIVE REVISED WASTE DISCHARGE REQUIREMENTS
FOR
CONSTRUCTION, OPERATION AND MONITORING
SAN JOAQUIN COUNTY DEPARTMENT OF PUBLIC WORKS
NORTH COUNTY LANDFILL
CLASS III LANDFILL
SAN JOAQUIN COUNTY

TO ALL CONCERNED PERSONS AND AGENCIES:

The Regional Water Quality Control Board, Central Valley Region (Regional Water Board) will consider adopting revised waste discharge requirements (WDRs) for the North County Landfill at its meeting on **27, 28, and 29 January 2010**. The municipal solid waste (MSW) landfill has been in operation since 1991, accepting primarily household and commercial wastes. The landfill currently consists of three waste disposal modules on about 53 acres. Two of the modules (M3 and M4) were constructed with composite liner systems in accordance with federal Subtitle D regulations, while the other module (M1), which predates Subtitle D, has only a single liner. Seven additional disposal modules, to be constructed on an as-needed basis, are planned for the remaining landfill unit area (132 acres). The landfill will also be extended vertically from its existing height limit of 190 feet MSL to a proposed maximum height of 320 feet MSL, as supported by geotechnical analysis. The Discharger also proposes to accept hazardous treated wood waste under California Code of Regulations (CCR), Title 22, Chapter 34.

Monitoring data shows generally good groundwater quality at the site with total dissolved solids (TDS) and chloride less than 200 mg/L and 30 mg/L, respectively. In 2002, a release consisting of low to trace concentrations of a few volatile organic compounds (VOCs), possibly from landfill gas, was detected in one well (G-4). Since installation of a landfill gas extraction system as a corrective action measure in 2006, however, no VOCs have been detected in any of the wells.

The proposed WDRs prescribe revised requirements for landfill construction, operation, and monitoring. The WDRs require that future landfill modules be constructed in accordance with Title 27 and federal Subtitle D regulations, and limit vertical expansion to the maximum height supported by geotechnical analysis. The WDRs also prescribe requirements for the handling and disposal of hazardous treated wood waste consistent with CCR, Title 22, Chapter 34 requirements. The WDRs further require that, by **30 April 2010**, the Discharger submit an updated preliminary closure and postclosure maintenance plan consistent with the revised

California Environmental Protection Agency

WDRs, including updated cost estimates for closure, postclosure maintenance, and corrective action. Financial assurance demonstrations to the Executive Officer are required by **30 November 2010** and every five years thereafter. Evidence of the California Integrated Waste Management Board's acceptance of the Discharger's annual financial assurance demonstration to the CIWMB is also required under the MRP.

Provision G.8 requires that the Discharger investigate certain landfill control/monitoring facilities, including all LCRS sumps, lysimeters, and inactive monitoring well G-2. A report as to the status of these facilities and proposed repairs and improvements necessary to comply with the WDRs is required by **31 March 2010**. Manually operated LCRS sumps are required to be upgraded with automatic controls **within two years** of adoptions of this Order (Facility Specification C.4), and all facilities are required to be maintained in good working order (MRP Section B).

The monitoring and reporting program (MRP) in the WDRs requires semiannual surface and groundwater monitoring for representative parameters, and monitoring every five years for constituents of concern. The MRP also requires that the Discharger maintain coverage under the General Industrial Storm Water Permit. Provision G.12 requires that the Discharger submit an updated Water Quality Protection Standard report, including updated concentration limits for the Executive Officer's approval by **31 July 2012**.


The proposed WDRs and the Notice of Public Hearing (NOPH) are available on our website at www.waterboards.ca.gov/centralvalley/board_decisions/tentative_orders.

The NOPH contains important information about the public hearing process. Electronic copies of the April 2000 Standard Provisions and Reporting Requirements that would be adopted as part of the WDRs are available at

http://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders

If you do not have access to the Internet or otherwise require paper copies of these documents to be sent to you, please contact John Moody at (916) 464-4641 or by email at jmoody@waterboards.ca.gov. Persons wishing to comment on this matter must submit their testimony, evidence, and/or comments in writing to the attention of John Moody at the Regional Water Board no later than 5 p.m. on **21 December 2009**. Written materials received after 5 p.m. on **21 December 2009** will not be accepted and will not be incorporated into the administrative record if doing so would prejudice any party.

If you have any questions, please call John Moody at (916) 464-4641.


VICTOR J. IZZO
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Title 27 Permitting and Mining

Enclosures: Notice of Public Hearing
Tentative Order
Standard Provisions (April 2000)

cc w/Encl:

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cc w/o Encl:

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