



California Regional Water Quality Control Board

Los Angeles Region



Linda S. Adams
Agency Secretary

Recipient of the 2001 *Environmental Leadership Award* from Keep California Beautiful
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Arnold Schwarzenegger
Governor

July 5, 2007

Stephen A. Fortune, Division Manager
Bureau of Sanitation
City of Los Angeles
419 South Spring Street, Suite 800
Los Angeles, CA 90013

Dear Mr. Fortune:

ALTERNATIVE FINAL COVER WATER BALANCE MODEL VALIDATION, DECK OF DISPOSAL AREA AB+ - LOPEZ CANYON LANDFILL (FILE No. 69-068)

The California Regional Water Quality Control Board, Los Angeles Region (Regional Board), has received from the City of Los Angeles Bureau of Sanitation (BOS) the following technical reports:

1. *Alternative Final Cover, Installation of Moisture Monitoring Station, Deck of Disposal Area AB+, Lopez Canyon Sanitary Landfill, Lake View Terrace, California*, dated November 2004, and received at the Regional Board on December 1, 2004;
2. *Alternative Final Cover, Water Balance Model Calibration, Deck of Disposal Area AB+, Lopez Canyon Sanitary Landfill, Lake View Terrace, California*, dated January 2006 and received at the Regional Board on May 5, 2006; and
3. *Alternative Final Cover, Water Balance Model Calibration, Deck of Disposal Area AB+, Lopez Canyon Sanitary Landfill, Lake View Terrace, California* (revised), dated August 2006 and received at the Regional Board on August 11, 2006; and
4. *Alternative Final Cover, Water Balance Model Validation, Deck of Disposal Area AB+, Lopez Canyon Sanitary Landfill, Lake View Terrace, California*, dated March 2007 and received at the Regional Board on April 18, 2007.

These reports were prepared by Geosyntec Consultants and submitted to meet, in part, the requirements of a letter from the Regional Board to the BOS, dated July 23, 1998, that conditionally approved an alternative final cover system at portions of the Lopez Canyon Landfill, including the decks of Disposal Areas A, B, and AB+ and the slopes of Disposal Areas A and AB. The letter stated that formal approval of the alternative final cover was subject to the results of post-construction infiltration monitoring data for the site. Specifically, the four reports documented a performance evaluation study on the monolithic final cover system at the top decks of the Lopez Canyon Landfill. As requested by Regional Board staff, Geosyntec Consultants performed additional data runs to confirm the conclusions of the March 2007 report and submitted such data in a letter dated June 5, 2007, to the Regional Board.

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Mr. Stephen A. Fortune
City of Los Angeles Bureau of Sanitation

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July 5, 2007

We have reviewed the data submitted and concur with you that data provided in those reports demonstrate that percolation through the monolithic cover is less than what is predicted through a prescriptive final cover as required in CCR Title 27. The condition of our July 23, 1998, letter on the use of a monolithic cover on the decks of Disposal Areas A, B, and AB+ is therefore fulfilled and the use of the monolithic final cover system in these areas is therefore fully approved. A previous study conducted on the slopes of the landfill has already been approved in our letter dated October 24, 2002 to BOS.

A copy of this letter is forwarded to the California Integrated Waste Management Board (CIWMB), which will determine if it is appropriate to release a \$2,400,000 Closure Trust Fund that was set up as a contingency should the alternative cover system fail to perform as predicted.

Should you have any questions, please contact Dr. Wen Yang at (213) 620-2253.

Sincerely,



Deborah J. Smith
Interim Executive Officer

Cc: Peter Janicki, Remediation, Closure and Technical Assistance Branch, CIWMB
Wayne Tsuda, Department of Environmental Affairs, City of Los Angeles (LEA)
Kelly Gharios, Bureau of Sanitation, City of Los Angeles
Yonas Zemuy, Geosyntec Consultants, Huntington Beach

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