



California Regional Water Quality Control Board

Los Angeles Region



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

Linda S. Adams
Agency Secretary

320 W. 4th Street, Suite 200, Los Angeles, California 90013
Phone (213) 576-6600 FAX (213) 576-6640 - Internet Address: <http://www.waterboards.ca.gov/losangeles>

Arnold Schwarzenegger
Governor

April 18, 2008

Mr. Dave Hauser, General Manager
BFI, Sunshine Canyon Landfill
14747 San Fernando Road
Sylmar, CA 91342

CONDITIONAL APPROVAL OF FINAL COVER CONSTRUCTION - SUNSHINE CANYON CITY LANDFILL UNIT 1, SYLMAR, CALIFORNIA (FILE NO. 58-076)

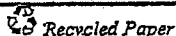
Dear Mr. Hauser:

The California Regional Water Quality Control Board, Los Angeles Region (Regional Board), has received from Browning Ferris Industries (BFI) a report titled "*Third Year Moisture Monitoring Performance Report with Responses to comments from Los Angeles Regional Water Quality Control Board Letter Dated July 19, 2007, Sunshine Canyon City Landfill, Sylmar, CA*" (Report), prepared by GeoLogic Associates (GLA) and dated March 18, 2008. The Report was submitted to meet the requirements of California Code of Regulations, title 27 (27 CCR), that are applicable to the final cover system of the Sunshine Canyon City Landfill Unit 1 (Unit), which is part of BFI's Sunshine Canyon Landfill Facility in Sylmar, California.

The Unit was operated from 1958 to 1991 as a municipal solid waste (Class III) landfill and was closed in October 2003 with an "alternative" final cover system that consists of a six-foot thick monolithic soil layer. In order to evaluate the performance of the final cover system, BFI installed five soil moisture monitoring stations at the Unit and has been collecting soil moisture data in the final cover system since February 2005. Data collected at the stations were summarized in two reports that were submitted to the Regional Board on June 5, 2006 (First Year Report), and June 19, 2007 (Second Year Report), respectively. In a letter dated July 19, 2007 (copy attached), Regional Board staff commented on the Second Year Report. The Third Year Report addresses Regional Board comments and incorporates soil moisture monitoring data and soil permeability data collected after the submittal of the Second Year Report and additional computer modeling using the Hydrologic Evaluation of Landfill Performance (HELP) and Leaching Estimation and Chemistry Model (LEACHM) programs.

Regional Board staff has reviewed the data submitted, including the three moisture monitoring reports and a Construction Quality Assurance Report that BFI submitted to the Regional Board on March 4, 2004, and determined that the alternative final cover system for the Unit meets the requirements of 27 CCR, section 21090(a), which states, in part, that the alternative final cover systems shall "*continue to isolate the waste in the Unit from precipitation and irrigation waters at least as well as would a final cover built in accordance with applicable prescriptive standards.*" The construction and evaluation of the alternative final cover system is therefore approved, with the conditions described in the following paragraph:

California Environmental Protection Agency



Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.

Dave Hauser
Sunshine Canyon Landfill

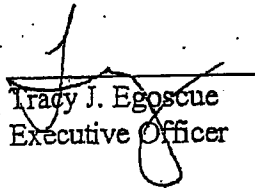
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April 18, 2008

To address the concern that several areas of the Unit exhibit poor vegetative development, the Third Year Report includes a Revegetation Proposal that was prepared for BFI by the Chambers Group, Inc. In accordance with Regional Board Order No. R4-2003-0155, which contains waste discharge requirements (WDRs) for the Sunshine Canyon City Landfill, BFI is required to continue postclosure maintenance at the closed Unit. As part of postclosure requirements, you are directed to submit a revegetation plan, as proposed in the Third Year Report, to the Regional Board by July 18, 2008, for the approval of the Regional Board Executive Officer. At a minimum, the revegetation plan shall include soil sampling and testing data with an emphasis on soil nutritional needs of targeted plant species, proposed vegetation communities that will be developed on the slopes and top decks of the Unit, a vegetation monitoring and maintenance program, and a time schedule that the revegetation plan will be implemented.

If you have any questions regarding the above, please contact Dr. Wen Yang at (213) 620-2253.

Sincerely,


Tracy J. Egoscue
Executive Officer

Enclosure

cc: Peter Janicki, California Integrated Waste Management Board, Sacramento
William Marciniak, California Integrated Waste Management Board, Los Angeles
Pete Oda, Los Angeles County, DHS
David Thompson, City of Los Angeles, Environmental Affairs Department
Eugene Tseng, City of Los Angeles, Environmental Affairs Department
Wayde Hunter, North Valley Coalition
Gary Lass, GeoLogic Associates
M. Ali Mehrazarin, A-Mehr Inc.

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Los Angeles Region



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Cal/EPA Secretary

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Arnold Schwarzenegger
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August 19, 2008

Mr. Dave Hauser, General Manager
 BFI, Sunshine Canyon Landfill
 14747 San Fernando Road
 Sylmar, CA 91342

**APPROVAL OF FINAL COVER CONSTRUCTION - SUNSHINE CANYON CITY
 LANDFILL UNIT 1, SYLMAR, CALIFORNIA (FILE NO. 58-076)**

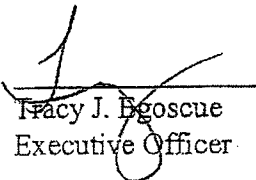
Dear Mr. Hauser:

Reference is made to a letter from this Regional Water Quality Control Board (Regional Board) to Browning Ferris Industries, Inc. (BFI), dated April 18, 2008 (copy attached), that conditionally approved the final cover construction at the Sunshine Canyon City Landfill Unit 1 (Unit), which was operated from 1958 to 1991 as a municipal solid waste landfill and was closed in October 2003 with a monolithic final cover system. The approval was conditioned on a submittal, by July 18, 2008, of an acceptable revegetation plan that addresses the concern that several areas at the Unit exhibited poor vegetative development. The letter required that, at a minimum, the revegetation plan shall include soil sampling and testing data with an emphasis on soil nutritional needs of targeted plant species, proposed vegetation communities that will be developed on the slopes and top decks of the Unit, a vegetation monitoring and maintenance program, and a time schedule that the revegetation plan will be implemented.

On July 18, 2008, BFI submitted a report titled *Vegetation Summary* that includes, among others, a Master Plan for sage and interim cover, a Supplemental Plan for sage cover, and a Timeline for sage cover installation at the Unit. Regional Board staff has reviewed the report and, during a field inspection on August 12, 2008, assessed the current conditions of the site, and determined that the conditions in our April 18, 2008, letter have been met. The construction of the final cover system at the Unit is therefore approved with no further conditions.

If you have any questions regarding the above, please contact Dr. Wen Yang at (213) 620-2253.

Sincerely,


 Tracy J. Egoscue
 Executive Officer

Enclosure

California Environmental Protection Agency



Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.

Mr. Dave Hauser
Sunshine Canyon City Landfill Unit 1

- 2 -

August 19, 2008

cc: Peter Jan, California Integrated Waste Management Board, Sacramento
William Marciniak, California Integrated Waste Management Board, Los Angeles
Pete Oda, Los Angeles County, DPH
David Thompson, City of Los Angeles, Environmental Affairs Department
Eugene Tseng, City of Los Angeles, Environmental Affairs Department
Wayde Hunter, North Valley Coalition
Gary Lass, GeoLogic Associates
M. Ali Mehrazarin, A-Mehr Inc

California Environmental Protection Agency



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Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.

SUNSHINE CANYON LANDFILL



LOCAL ENFORCEMENT AGENCY

14747 San Fernando Road
Sylmar, California 91343

August 28, 2008

Mr. Dave Hauser, General Manager
BFI Sunshine Canyon Landfill
14747 San Fernando Road
Sylmar, CA 91342

Subject: Sunshine Canyon Landfill (SWIS No. 19-AA-2000)
Approval of Vegetation Plan – City Landfill Unit 1

Dear Mr. Hauser:

The Sunshine Canyon Landfill Local Enforcement Agency has completed the review of the Vegetation Plan, dated July 17, 2008, submitted by BFI. The vegetation plan was requested by the City of Los Angeles Local Enforcement Agency and the California Regional Water Quality Control Board as a result of the analysis of the moisture monitoring report that demonstrated the integral part that the vegetation played in the performance of the evapotranspirative monolithic soil final cover proposed for the Sunshine Canyon City Landfill Unit (Unit 1) and that there were several areas of the landfill that exhibited poor vegetative development.

The Sunshine Canyon Landfill Local Enforcement Agency has conferred with the California Regional Water Quality Control Board and the County of Los Angeles Local Enforcement Agency regarding the completeness and adequacy of the Vegetation Plan.

The Sunshine Canyon Landfill Local Enforcement Agency has found that the Vegetation Plan is complete and adequate. We request that the current closure / post-closure maintenance Plan be amended to incorporate the vegetation plan. Upon submission and subsequent enforcement agency approval of the amended closure / post-closure maintenance plan, the Sunshine Canyon Landfill Local Enforcement Agency will notify the City of Los Angeles Planning Department that BFI has met the requirement of an approved closure / post-closure maintenance plan Sunshine Canyon City Landfill Unit (Unit 1).

If you have any questions, please contact David Thompson at (213) 978-0868.

Sincerely,

A handwritten signature in black ink, appearing to read 'Wayne Tsuda', written over a printed name.

Wayne Tsuda, Program Manager
Sunshine Canyon Landfill Local Enforcement Agency

cc: David Thompson (SCL LEA)
Gerry Villalobos (SCL LEA)
Susan Jennings (BFI)

Wayne Tsuda
SCL – LEA Program Manager
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Cell: (213) 359-4568
Email: wayne.tsuda@lacity.org

Mailing Address
200 North Spring Street
Room 1905, Mail Stop 248
Los Angeles, CA 90012

SUNSHINE CANYON LANDFILL



LOCAL ENFORCEMENT AGENCY

14747 San Fernando Road
Sylmar, California 91343

January 9, 2009

Ms. Gail S. Goldberg, General Manager
City of Los Angeles
City Planning Department
200 N. Spring Street, 5th Floor
Mail Stop 395
Los Angeles, CA 90012

Subject: Sunshine Canyon Landfill (19-AA-2000)
Completion of Closure Construction

Dear Ms. Goldberg,

The Sunshine Canyon Landfill Local Enforcement Agency (SCL LEA) is reporting to the Sunshine Canyon Landfill City Technical Advisory Committee that Allied Waste has completed closure construction in the areas where new waste will overlie portions of the inactive landfill at Sunshine Canyon Landfill.

In summary:

- The final cover construction and grading was completed in October 2003 and a Construction Quality Assurance report was submitted to the City LEA. After reviewing this document the LEA approved the final cover grading in April 12, 2004. A condition of the final closure plan was the installation of moisture monitoring equipment to ensure that the performance of the evapotranspirative monolithic soil cover.
- After a three year reporting period, the results indicated that the performance was conforming to regulations and the LEA approved the document with the provision that a vegetative plan be completed and implemented prior to the LEA deeming Sunshine Canyon City Landfill – Unit 1 closed.
- Allied Waste subsequently submitted the Sunshine Canyon Landfill Vegetation Plan to the SCL LEA and was approved on August 28, 2008. In December 2008, the SCL LEA received an application to amend the closure plan to include the Vegetation Plan. The SCL LEA has approved this amendment to the closure plan and will be submitting it to the Regional Water Quality Control Board and the California Integrated Waste Management Board for concurrence.

Therefore, the SCL LEA has made the determination that Allied Waste has fulfilled all closure construction requirements for Sunshine Canyon City Landfill – Unit 1 and that this unit is officially closed.

If you have any questions regarding the closure status, please contact me at (213) 978-3068.

Sincerely,

Wayne Tsuda, Program Manager
Sunshine Canyon Landfill Local Enforcement Agency

cc: David Thompson Ly Lam
Larry Friedman Dave Hauser

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