



California Regional Water Quality Control Board

Los Angeles Region

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July 22, 2003

Mr. Mark Allen
The Boeing Company
Rocketdyne Propulsion & Power
P.O. Box 7922
Canoga Park, CA 91303

GENERAL WASTE DISCHARGE REQUIREMENTS IN-SITU BIOREMEDIATION COVERAGE (ORDER NO. R4-2002-0030: SERIES 024) REMEDIATION PILOT STUDY, FORMER COMPTON SITE, BOEING REALTY CORPORATION (SLIC 559, 558, and 462)

Dear Mr. Mossman:

We have completed our review of "General Waste Discharge Requirements (WDR) Permit Application, Enhanced In-Situ Bioremediation, The Boeing Company, Former Compton Site, Compton, CA" (Application) submitted April 1, 2003 and Addendum No. 1 to the Application (Addendum) submitted June 5, 2003 to inject a carbohydrate solution into groundwater at the subject site for use in in-situ bioremediation pilot tests to address the volatile organic compounds (VOCs) in groundwater.

Boeing Realty Corporation proposes to conduct pilot tests at the Former Compton Site (Site) to evaluate the effectiveness of enhancing bioremediation of the VOCs by injecting a carbohydrate solution (consisting of 10% to 20% molasses) into the groundwater and create an "in situ reactive zone" increasing the number of microorganisms and accelerating the rate of biodegradation. On February 26, 2003, the Regional Board approved the "Former Compton Site In-Situ Reactive Zone Pilot Test Workplan" (Workplan) dated February 3, 2003.

Regional Board staff have reviewed the information provided and have determined that the proposed discharge meets the conditions specified in Regional Board Order No. R4-2002-0030, "General Waste Discharge Requirements for Groundwater Remediation at Petroleum Hydrocarbon Fuel and/or Volatile Organic Compound Impacted Sites," adopted by this Regional Board on January 24, 2002. Refer to attached fact sheet.

Enclosed are your Waste Discharge Requirements, consisting of Regional Board Order No. R4-2002-0030 (Series 024) and Monitoring and Reporting Program No. CI-8586. Please note that the discharge limits in Attachment A (DWR Basin No. 4-11 (Central Basin)) of this Order No. R4-2002-0030 are applicable to your discharge.

The "Monitoring and Reporting Program" requires you to implement the monitoring and reporting program on the effective date of this enrollment under Regional Board Order No. R4-2002-0030. All monitoring reports shall be sent to the Regional Board, ATTN: Information Technology Unit.

California Environmental Protection Agency

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption

For a list of simple ways to reduce demand and cut your energy costs, see the tips at: <http://www.swrcb.ca.gov/news/echallenge.html>



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

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The Boeing Company
Former Compton Site

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When submitting monitoring or technical reports to the Regional Board per these requirements, please include a reference to "Compliance File No. CI-8586," which will assure that the reports are directed to the appropriate file and staff. Also, please do not combine other reports with your monitoring reports. Submit each type of report as a separate document.

We are sending a copy of Order No. R4-2002-0030 only to the applicant. A copy of the Order will be furnished to anyone who requests it.

Please call Mr. John Geroch at (213) 576-6737, or Dr. Rebecca Chou at (213) 576-6733 if you have any questions.

Sincerely,

Dennis A. Dickerson
Executive Officer

Enclosures

1. Fact Sheet
2. Board Order No. R4-2002-0030
3. Monitoring and Reporting Program No. CI-8586

cc: Robert Sams, Office of Chief Counsel, State Water Resources Control Board
Michael Lauffer, Office of Chief Counsel State Water Resources Control Board
Gordon Innes, Division of Water Quality, State Water Resources Control Board
Mike Floyd, Division of Water Quality, State Water Resources Control Board
Richard Wagner, Department of Health Services, County of Los Angeles
Vera Melnyk-Vecchio, State Department of Health Services, Drinking Water
Field Operations Branch
Cheryl Ross, West Basin Municipal Water District
Chris Nagler, Watermaster - California Department of Water Resources
Scott Zachary, Haley & Aldrich
James Nguyen, Arcadis G&M
Melinda A. Sperry, Water Replenishment District of Southern California
Jose Reymosa, LAC-DHS-Well Permits

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