



California Regional Water Quality Control Board

Los Angeles Region



Linda S. Adams
Agency Secretary

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Arnold Schwarzenegger
Governor

December 21, 2010

Mr. Jerry Tucker
Pratt & Whitney-Rocketdyne, Inc.
P.O. Box 7922
Canoga Park, CA 91303-7922

SUBJECT: SUSPENSION OF THE MONITORING AND REPORTING PROGRAM (MRP NO. CI-9535), GENERAL WASTE DISCHARGE REQUIREMENTS (ORDER NO. R4-2007-0019, SERIES NO. 100)

SITE/CASE: PRATT & WHITNEY-ROCKETDYNE, THE FORMER BOEING CANOGA AVENUE FACILITY, 6633 CANOGA AVENUE, CANOGA PARK (SCP NO. 0237A, SITE ID NO. 2040214)

Dear Mr. Tucker:

We have received the "Water Discharge Requirements Annual Summary Report 2010 and Request for Discontinuation of WDR Monitoring, Pratt & Whitney-Rocketdyne Canoga Avenue Facility" (Report) dated October 21, 2010, prepared by your consultant Haley & Aldrich, Inc. On August 31, 2009, a general waste discharge requirements (WDR) permit was granted to Pratt & Whitney-Rocketdyne to inject hydrogen release compound (HRC) and edible oil substrate (EOS) mixture into the saturated zone for the groundwater remediation pilot study, to evaluate the feasibility of using the amendment to remediate chlorinated volatile organic compounds (VOCs) in groundwater. Since the permit was issued, the HRC and EOS mixture has been delivered into the subsurface at the subject site and monitoring and sampling have been conducted pursuant to Monitoring and Reporting Program (MRP) No. CI-9535.

The Report summarizes groundwater monitoring results from the baseline sampling event in September 2009 to 3rd Quarter (9-month post-introduction) monitoring event performed in July 2010. Based on the data collected to date and results from the pilot study activities completed, a full-scale groundwater remediation workplan was submitted and approved by this Regional Board in November 2010. The full-scale groundwater remediation activities will include a groundwater pump and treat system for both the intermediate and deep water bearing zones, along with enhanced in-situ bioremediation using bio-amendments. The injection portion of the remedy includes the injection of an organic carbon substrate into the saturated subsurface to enhance biodegradation process. The injection activities are proposed to be covered under the existing general WDR issued for the site and a revised MRP to be developed at a later date.

Based on the information and data collected to date, Pratt & Whitney proposes to discontinue WDR sampling until the full-scale groundwater remediation program is in-place. At that time a revised

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Pratt & Whitney-Rocketdyne
SCP No. 0237A

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MRP will be developed for the full-scale system. We have reviewed the information provided and concur with Pratt & Whitney-Rocketdyne's request to discontinue monitoring until the full scale groundwater remediation system is in place. Pratt & Whitney-Rocketdyne shall submit a revised MRP with supporting documents for the full-scale groundwater remediation system that is consistent with the existing general WDR permit. No injection activities shall occur at the subject site prior to the approval of a revised MRP for the general WDR issued for this site. No additional WDR monitoring reports associated with MRP No. CI-9535 are required until the revised MRP is issued.

If you have any questions please contact Ms. Ana Townsend at (213) 576-6738 (atownsend@waterboards.ca.gov).

Sincerely,



AEO for
Samuel Unger, PE
Executive Officer

cc: Thomas Tatnall, Haley & Aldrich
David Curnock, United Technologies Corporation, Environmental Remediation

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