



The Boeing Company  
Santa Susana Field Laboratory  
5800 Woolsey Canyon Road  
Canoga Park, CA 91304-1148

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Via FedEx

November 28, 2011  
In reply refer to SHEA-111631

Mr. Mark Malinowski  
California Environmental Protection Agency  
Department of Toxic Substances Control  
Region I  
Facility Permitting Branch  
8800 Cal Center Drive  
Sacramento, CA 95826-3200

Mr. Stuart Black  
SSFL Project Director  
Department of Toxic Substances Control  
1001 "I" Street  
P.O. Box 806  
Sacramento, CA 95812-0806

Subject: Submission of the Joint Quarterly Progress Report  
Santa Susana Field Laboratory (SSFL)  
Ventura County, California

Dear Mr. Malinowski and Mr. Black:

Please find attached the Quarterly Progress Report for progress made during the reporting period of August 16, 2011 to November 15, 2011.

Part 1 of the submittal summarizes the progress made by Boeing on the RFI project during the reporting period pursuant to Attachment 1 of the Boeing Hazardous Waste Facility Post Closure Permit. Part 2 summarizes the status of corrective action activities pursuant to the 2007 Consent Order for NASA, Boeing and DOE pertaining to groundwater activities completed during the reporting period and identified corrective action activities required by the Order during the next reporting period.



Messrs. Malinowski & Black, DTSC (SHEA-111631)

November 28, 2011

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If you have questions or comments, please do not hesitate to call. I can be reached at (818) 466-8795.

Sincerely,

A handwritten signature in black ink, appearing to read 'Arthur J. Lenox'.

Arthur J. Lenox  
Environmental Remediation

AJL:mmc  
Enclosures

Cc: Ms. Laura Rainey, DTSC  
Mr. Rick Brausch, DTSC  
Ms. Karen Baker, DTSC  
Mr. Tom Seckington, DTSC  
Ms. Susan Houghton, DTSC  
Mr. William Jeffers, DTSC (Admin record/Repository/Chatsworth Office)  
Ms. Nicole Moutoux, EPA  
Ms. Frankie Burton, CH2M Hill  
Mr. Allen Elliott, NASA  
Mr. Peter Zorba, NASA  
Mr. John Jones, DOE  
Ms. Stephanie Jennings, DOE  
Ms. Patricia Berry, DOE  
Ms. Dixie Hambrick, MWH  
Urban Archives Center, CSUN Oviatt Library  
Mr. Gabriel Lundeen, Simi Valley Library  
Ms. Lynn Light, Los Angeles Public Library, Platt Branch

**Santa Susana Field Laboratory  
Activities Pursuant to the Post-Closure Permit  
Quarterly Progress Report (Part 1)  
EPA ID No. CAD 093365435 (Boeing)**

Boeing Project Manager:  
Report Period:

Art Lenox  
August 16, 2011 – November 15, 2011

**1. PROGRESS MADE THIS REPORT PERIOD**

Soil sampling was performed during this period in support of the ongoing Interim Source Removal Action (ISRA) project in Outfall 009 and demolition activities at the Canyon, Instrument and Equipment Laboratory (IEL), and Component Test Laboratory V (CTL-V) RCRA Facility Investigation (RFI) sites during this period. Data review and validation of soil samples collected at Boeing sites is ongoing. Soil and soil vapor sampling performed at Boeing locations is summarized below.

**Boeing Soil Sampling Summary**

Unit	Total Samples	Total Analyses
Total this period	60	224
Total collected to date	14,872	44,430

Work to address DTSC comments on site-wide technical memoranda describing water conveyance systems, aerial photo review, natural gas distribution, sewer systems, tank inventories, and surface drainage systems continued during this period. This information will be used to identify chemical data gap investigation needs in Boeing Group Sampling and Analysis Plans (SAPs). Also, work continued to support the DTSC on the development of risk-based screening levels and revised risk assessment procedures. Data quality objectives for Boeing site characterization requirements were developed and discussed with DTSC.

Preparation of the Group 1A SAP continued this period. The Group 1A SAP includes the following RFI sites in Area I: B-1 Test Area (B-1) (Solid Waste Management Unit [SWMU] 4.1 and Area I Areas of Concern [AOCs]), IEL (SWMU 4.3, 4.4, and nine Area I AOCs), Area I Landfill (A1LF) (SWMU 4.4), Building 359 (B359) (Area I AOCs), Happy Valley North (HVN) (Area I AOCs), Happy Valley South (HVS) (Area I AOCs), the Advanced Propulsion Test Facility (APTF) (SWMU 4.9, 4.10, 4.11, and Area I AOCs), the Laser Engineering Test Facility/Component Test Laboratory I (LET/CTL-I) (SWMU 4.12, 4.13, and Area I AOCs), and Canyon (SWMU 4.14, 4.18, and Area I AOCs).

Preparation of the Boeing Group 5 SAP continued this period. The Boeing Group 5 SAP includes the following RFI sites in Area III: the Engineering Chemistry Laboratory (ECL) (SWMU 6.1, 6.2, 6.3, and Area III AOCs), Compound A Facility (SWMU 6.4),

Systems Test Laboratory IV (STL-IV) (SWMU 6.5, 6.6, 6.7 and Area III AOC), Area III Sewage Treatment Plant (STP) Pond (Area III AOC). Investigation of the Group 5 sites in Area IV is being conducted by DOE under provisions of the Administrative Order on Consent.

Outfall 009 ISRA activities in areas administered by Boeing included the installation of Best Management Practices (BMPs) at the B-1 and IEL RFI sites, and the collection of BMP performance monitoring samples during this period.

## **2. SUMMARY OF FINDINGS**

Data reviewed and validated during this period are being reported in future Boeing RFI Group Reports.

## **3/4 SUMMARY OF PROBLEMS/ACTIONS TAKEN**

None.

## **5. PROJECT ACTIVITY NEXT PERIOD**

Boeing will be involved with the following RFI activities during the next period:

- Continue Group 1A SAP preparation.
- Support DTSC review of the Group 1B RFI Report, and begin SAP preparation once DTSC comments received.
- Continue Group 5 SAP preparation for Boeing sites.
- Support DTSC review of the Group 9 RFI Report (Silvernale RFI site).
- Support DTSC review of the Group 10 RFI Report and begin preparation of the SAP once DTSC comments received.
- Inspect and monitor Outfall 009 ISRA Area remedial action implementation and restoration areas, and conduct performance monitoring following rainfall events.
- Complete preparation of risk-based screening levels and refinement of risk assessment procedures.
- Continue data validation for samples collected at Boeing sites.

## **6. PERSONNEL CHANGES**

DTSC identified Roger Paulson as the Boeing Project Manager.

## **7. SUMMARY OF CONTACTS**

None.

**8. TREATMENT SYSTEM EFFECTIVENESS**

No soil remediation treatment systems are in place or operational at this time.

**9. DATA REPORTS SUBMITTED**

None.

**Santa Susana Field Laboratory  
Activities Pursuant to the 2007 Consent Order for Corrective Action  
Quarterly Progress Report (Part 2)**

Boeing Project Manager: Art Lenox  
NASA Project Manager: Allen Elliott  
DOE Project Manager: John Jones

Report Period: August 16, 2011 – November 15, 2011

**1. PROGRESS MADE THIS REPORT PERIOD**

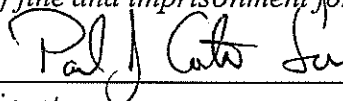
- The Groundwater Monitoring Progress Report, Second Quarter 2011 was submitted on August 31, 2011.

**2. PROJECT ACTIVITY NEXT PERIOD**

- The Groundwater Monitoring Progress Report, Third Quarter 2011 is due during the next reporting period.

*I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.*

For The Boeing Company:



Signature

Tom Gallacher

Name

Director, Santa Susana Field Laboratory

Environment, Health and Safety

Title

11/28/11

Date