

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

Via FedEx

June 30, 2009
In reply refer to SHEA-108838

Regional Water Quality Control Board
Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, CA 90013

Attention: Mr. Peter Raftery

Subject: June 30, 2009 Quarterly Progress Report for December 3, 2008
through June 26, 2009 Activity
Final Interim Source Removal Action (ISRA) Work Plan Submitted in Response
to California Water Code Section 13304 Order (NPDES No. CA0001309,
CI No. 6027, SCP No. 1111, Site ID No. 2040109)

Dear Mr. Raftery:

In the Final ISRA Work Plan, Boeing and NASA proposed to provide the RWQCB with quarterly progress reports until construction field work is complete (targeted Fall/Winter 2011). This Quarterly Progress Report is submitted for the second quarter 2009. Since this is the first Quarterly Report prepared, it summarizes ISRA activities performed to date, including the period of December 3, 2008 to June 26, 2009.

ISRA activities at the SSFL are being performed pursuant to a California Water Code Section 13304 Cleanup and Abatement Order (CAO) issued by the Los Angeles Regional Water Quality Control Board (RWQCB) dated December 3, 2008. The CAO was issued by the RWQCB in order to achieve compliance with the Waste Discharge Requirements (WDR) for Outfalls 008 and 009 contained in Order No. R4 2004-0111, as amended by Orders No. R4-2006-0008, R4 2006 0036, and R4 2007-0055. The CAO requires the sources that are discharging the constituents that exceeded National Pollution Discharge Elimination System (NPDES) permit limits and benchmarks within the Outfall 008 and 009 watersheds to be addressed. Per the RWQCB CAO, a Preliminary ISRA Work Plan was prepared and submitted to the RWQCB on February 13, 2009 and a Final ISRA Work Plan was prepared and submitted to the RWQCB on May 1, 2009. The Final ISRA Work Plan supplements the Preliminary ISRA Work Plan by completing the ISRA Area identification and remedial planning process for the Outfall 008 watershed and one area in the Outfall 009 watershed, and describes procedures to complete ISRA remedial planning for the remainder of the Outfall 009 watershed.

Per the RWQCB's request, Boeing is providing monthly progress reports on the ISRA activities. This quarterly progress report includes the period of December 3, 2008 to




Mr. P. Raftery, RWQCB (SHEA-108838)
June 30, 2009
Page 2

June 26, 2009, which is covered by the June and July 2009 monthly progress reports. Therefore, the June and July 2009 monthly progress reports are attached to this quarterly progress report and provide the complete list of ISRA activities performed during period covered by this quarterly report. In addition, the July 2009 monthly progress report provides a list of expected activities to be performed through July 31, 2009.

If you have any questions or require anything further, please contact Lori Blair at 818-466-8741.

Sincerely,




Tom Gallacher
Director, Santa Susana Field Laboratory
Environment, Health, and Safety

LNB:bjc

Attachments:

1. June 2009 Monthly Progress Report (December 3, 2008 – June 3, 2009)
2. July 2009 Monthly Progress Report (June 4 – 26, 2009)

cc: Ms. Cassandra Owens, RWQCB
Mr. Allen Elliott, NASA,
Mr. Steve Slaten, NASA,
Mr. Rick Lainhart, U.S. ACOE
Mr. Buck King, DTSC
Mr. Norman Riley, DTSC, without attachment
Mr. James Pappas, DTSC, without attachment
Mr. Gerard Abrams, DTSC, without attachment
Mr. Paul Carpenter, DTSC, without attachment



Date: 6/1/2009 No.: SHEA-108739
ISRA-1

To: Tracy Egoscue
Executive Office
LA Regional Water Quality Control
Board

From: Tom Gallacher
Director
Santa Susana
Environmental, Health & Safety

Subject: June 2009 Monthly Progress Report, Technical Memorandum
California Water Code Section 13304 Interim Source Removal Action Order (ISRA)
(NPDES No. CA0001309, CI No. 6027, SCP NO. 1111, Site ID No. 2040109)

Per the Regional Water Board's Request, Boeing is providing the following monthly progress report on the Interim Source Removal Action activities from the initial date of the 13304 Order (December 3, 2008) to the present. In addition, a 30 day Look-Ahead is also provided.

Completed Tasks – December 3, 2008 to May 8, 2009

- Dec. 3, 2008 – Received 13304 ISRA Order
- Jan 9, 2009 – Boeing/NASA: Established weekly ISRA status calls
- Jan 30, 2009 – RWQCB Site visit to review Outfalls 008 & 009
- Feb. 13, 2009 – Boeing/NASA: Submitted Preliminary ISRA Work Plan To RWQCB
- Feb 24 – 25, March 20, April 9, 2009 – Boeing: Initial Data Gap sampling – Data evaluation and supplemental extent sampling ongoing
- March 24, 31, 2009 – NASA: Initial Data Gap Sampling – Data evaluation and supplemental extent sampling ongoing
- April 20, 2009 – RWQCB: Submitted Comments to the Preliminary ISRA Work Plan
- April 22, 2009 - RWQCB, Boeing, NASA: Established weekly ISRA status meetings
- April 28, 2009 – RWQCB Site Visit to review preliminary areas for Outfalls 008 & 009
- April 30, 2009 – Boeing/NASA: Submitted Clarifications to April 20, 2009 RWQCB Comments
- April 30, 2009 – Boeing/DTSC Site tour of Potential Offsite Soil Borrow Source
- May 1, 2009 Boeing/NASA: Submitted Final ISRA Work Plan to RWQCB

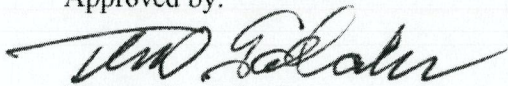
Completed Tasks – May 8 – June 3, 2009

- May 18 – 26, 2009 – NASA Archaeological records search (SHPO through Cal-State Fullerton)
- May 22, 2009 – RWQCB, DTSC, Boeing: Telecon to discuss potential offsite soil borrow site
- May 22, 2009 – Boeing/NASA: Submitted Army Corp of Eng Nation Wide Permit 404 Notification
- May 22, 2009 – Boeing/NASA: Submitted RWQCB Pre-Certified 401 Notification
- May 27, 2009 – Boeing/NASA: Submitted Detailed Project Schedule for Field Implementation for 2009
- May 29, 2009 – Boeing/NASA: Submitted CDFG SAA Project information and summary
- June 2 – 10, 2009 - Boeing: Supplemental data gap sampling in Outfall 008
- June 3 – 4, 2009 - Boeing/NASA: Preliminary staking of Outfall 008 ISRA areas
- June 3, 2009 – DTSC added to weekly ISRA status call with RWQCB, Boeing, NASA

30-Day Look ahead – through June 30, 2009

- RWQCB - Approval of May 1 Work Plan
- NASA – Archaeological Records Survey – on-going
- RWQCB – Conduct Site walk of preliminary staked ISRA areas
- NASA: Supplemental Data gap sampling – Outfall 009
- Boeing: Submit to RWQCB Health and Safety Plan
- RFP for 2009 Outfall 008 and 009 Field work prepared and submitted to bidders
- Boeing Archaeological Study – review and update existing report, conduct additional surveys
- Review Biological Surveys - review and update existing surveys, conduct additional surveys

Approved by:



Thomas D. Gallacher
Director, Santa Susana
Environment, Health and Safety

Distribution:

Peter Raftery, RWQCB
Cassandra Owens, RWQCB
Buck King, DTSC
Allen Elliott, NASA
Steven Slaten, NASA



Date: June 30, 2009 No.: SHEA-108836
ISRA -2R

To: Tracy Egoscue
Executive Office
Regional Water Quality Control Board
Los Angeles Region

From: Tom Gallacher
Director, Santa Susana Field Laboratory
Environmental, Health & Safety

Subject: Revised - July 2009 Monthly Progress Report for June 4 - 26, 2009 Activity
California Water Code Section 13304 Interim Source Removal Action Order (ISRA)
(NPDES No. CA0001309, CI No. 6027, SCP NO. 1111, Site ID No. 2040109)

Per the Regional Water Board's Request, Boeing is providing the following monthly progress report on the Interim Source Removal Action (ISRA) activities for the period of June 4, 2009 to June 26, 2009. In addition, a 30 day Look-Ahead is also provided.

A weekly team meeting is held to track the ISRA activities. The meeting members consist of Regional Board staff, DTSC staff, Boeing and NASA. Action items and the project schedule are reviewed. For the month of June the primary actions were focused on providing requested information in support of approval of the Final May 1 ISRA Work Plan and permit coordination with California Department of Fish and Game, Army Corp of Engineers and the Regional Water Quality Control Board. Development of support documentation [Health and Safety Plan, Storm Water Pollution and Prevention Plan, and the Transportation Plan] was completed and submitted for review. Archaeological and biological surveys were also performed. Preparatory field work continued with additional data gap sampling and the preliminary staking of the areas identified for removal in 2009 in both outfalls 008 and 009. Regional Board staff performed 3 field visits to observe data gap sampling and the preliminary staked areas on both Boeing and NASA property.

Completed Tasks – June 4, 2009 to June 26, 2009

- June 2 - 5, 2009 – Boeing: Supplemental data gap sampling in Outfall 009 Boeing property.
- June 3 - 12, 2009 – Boeing: Preliminary staking of Outfall 008 ISRA areas
- June 5, 2009 – RWQCB site visit to observe data gap sampling and view preliminary staked Outfall 008 ISRA areas (attendant: Peter Raftery)
- June 5, 2009 – RWQCB: Submitted comments to the Final ISRA Work Plan
- June 7, 2009 – California Department of Fish and Game (CDFG): Confirmed via email that the ISRA work is covered under the existing Streambed Alteration Agreement (SAA)
- June 10, 2009 – Army Corps of Engineers (ACOE): Requested additional information related to the Section 404 Nationwide Permit (NWP) 38
- June 10, 2009 – RWQCB: Forwarded DTSC comments to the Final ISRA Work Plan

- June 16 - 17, 2009 – NASA: Supplemental data gap sampling in Outfall 009 NASA property
- June 16 - 17, 2009 – NASA: Perform Archaeological Field Survey of Expendable Launch Vehicle (ELV) ISRA Areas
- June 16, 2009 – NASA: Preliminary staking of Outfall 009 ELV ISRA areas
- June 16, 2009 – RWQCB site visit to observe data gap sampling and view preliminary staked Outfall 009 ELV ISRA areas (attendant: Cassandra Owens)
- June 17, 2009 – Boeing/NASA: Submitted Stormwater Pollution Prevention Plan (SWPPP) to RWQCB
- June 17, 2009 – Boeing: Submitted Radiological Investigation Summary for Outfalls 008 and 009 to RWQCB
- June 18, 2009 – RWQCB site visit to view preliminary staked 2009 ISRA Areas and Outfall 009 Preliminary ISRA Evaluation Areas (attendants: Cassandra Owens and L.B. Nye)
- June 18, 2009 – Boeing: Held contractor bid walk to view 2009 ISRA field work areas and provided Request for Proposal (RFP) to contractors
- June 19, 2009 – Boeing/NASA: Submitted response to RWQCB and DTSC comments on the Final ISRA Work Plan to RWQCB
- June 19, 2009 – RWQCB: Requested additional information related to the Section 401 pre-certification notification
- June 22 - 26, 2009 – Boeing: Performed an archaeological and historical records search at the Archaeological Information Center at California State University Fullerton on Boeing Property within Outfalls 008 and 009
- June 22, 2009 – Boeing/NASA: Posted response to RWQCB and DTSC comments on the Final ISRA Work Plan on the Boeing external website
- June 22, 2009 – Boeing: Held meeting with Surface Water Expert Panel to begin discussions on site restoration plans for 2009 ISRA areas
- June 26, 2009 – Boeing: Submitted response to RWQCB request for additional information related to Section 401 pre-certification notification
- June 26, 2009 – Boeing/NASA: Submitted Health and Safety Plan and Transportation Plan to RWQCB

30-Day Look ahead – through July 31, 2009

- Boeing – Submit response to ACOE request for additional information related to Section 404 NWP 38
- Boeing/NASA – Submit Biological Report to RWQCB
- Boeing/NASA – Submit Quarterly Progress Report to RWQCB
- Boeing/NASA – Perform supplemental data gap sampling in Outfalls 008 and 009

- Boeing/NASA – Submit SWPPP Notification of Intent (NOI) to SWQCB
- NASA – Submit Archaeological Report (NASA Property in Outfall 009) to State Historic Preservation Office (SHPO) and RWQCB
- Boeing – Submit Archaeological Report (Boeing Property in Outfalls 008 and 009) to RWQCB
- Boeing/NASA – Submit Soil Management Plan (SMP) to RWQCB
- RWQCB – Approve the Final ISRA Work Plan
- RWQCB/DTSC – Review the SWPPP, H&S Plan, Transportation Plan, and SMP
- Boeing / NASA – Establish waste profiles with landfills
- ACOE – Issue Section 404 NWP 38
- RWQCB – Provide approval of Clean Water Act (CWA) Section 401 pre-certification notification
- Boeing/NASA – Perform final staking of 2009 ISRA Areas
- RWQCB/DTSC – Conduct site walk of final 2009 ISRA staked areas
- Boeing/NASA – Perform pre-excavation topographic survey of 2009 ISRA Areas
- Boeing – Select contractor for 2009 ISRA field work

Approved By:



Thomas D. Gallacher
Director, Santa Susana
Environment, Health and Safety

LNB:bjc

Distribution:

Peter Raftery, RWQCB
Cassandra Owens, RWQCB
Buck King, DTSC
Paul Carpenter, DTSC
Allen Elliott, NASA
Steven Slaten, NASA