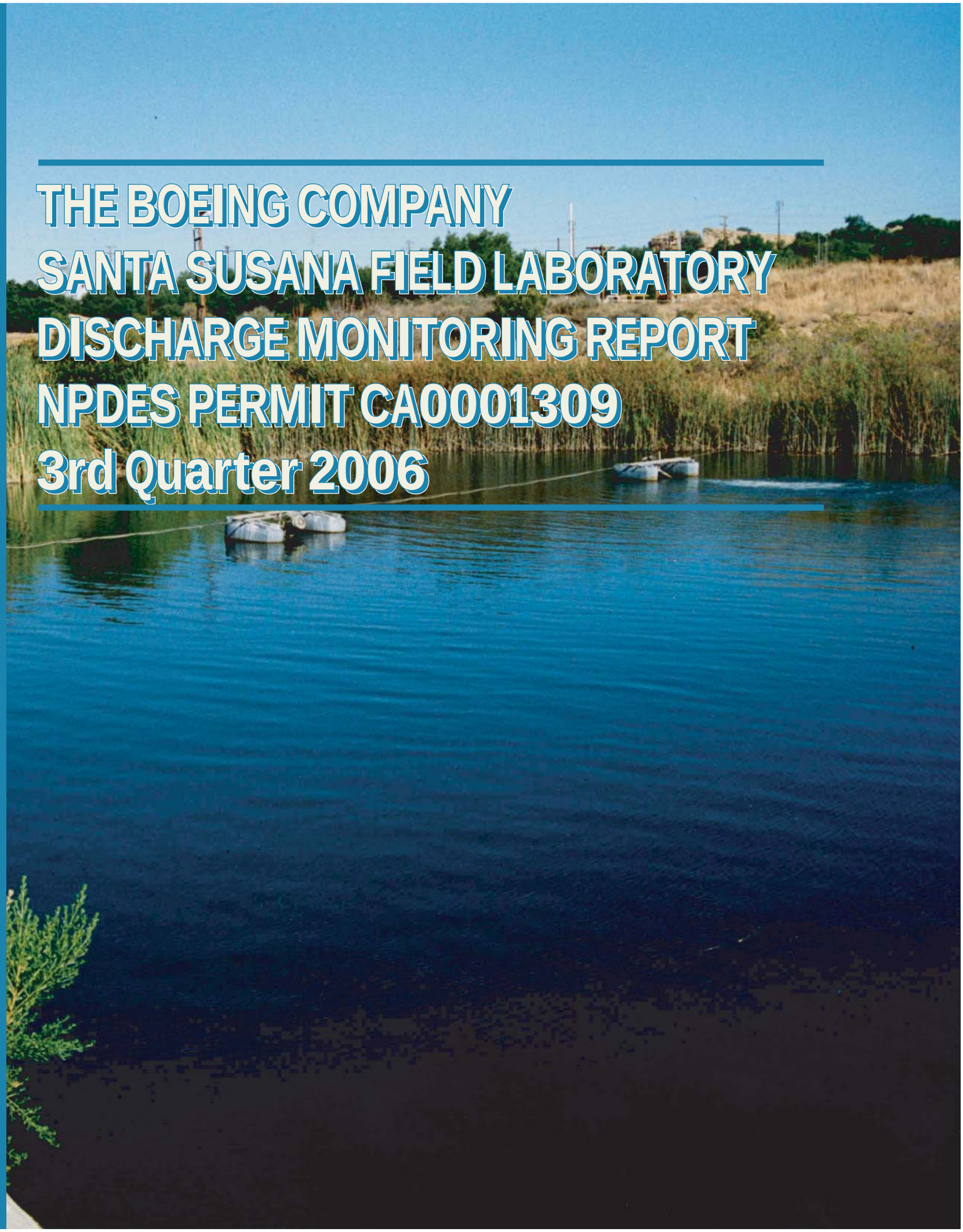
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
DISCHARGE MONITORING REPORT
NPDES PERMIT CA0001309
3rd Quarter 2006



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

CERTIFIED MAIL

November 8, 2006

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

Attention: Information Technology Unit

Reference: Compliance File CI-6027 and NPDES No. CA0001309

Subject: 3rd Quarter 2006 NPDES Discharge Monitoring Report Submittal– Santa Susana Field Laboratory

Dear Sir/Madam:

The Boeing Company (Boeing) hereby submits the discharge monitoring report (DMR) for the Santa Susana Field Laboratory (SSFL) for the 3rd Quarter of 2006. There were no surface water discharges during the 3rd Quarter of 2006 from any of the SSFL's surface water discharge outfalls (Figure 1). However, this DMR is submitted by Boeing in order to comply with the administrative requirements of its National Pollutant Discharge Elimination System (NPDES) Permit No. CA0001309 issued by the Los Angeles Regional Water Quality Control Board ("Regional Board") on March 17, 2006, and effective on April 28, 2006.

3rd QUARTER REPORT CONTENTS AND DISCHARGE SUMMARY

Figure 1 is a site location map indicating the locations of the eighteen regulated Outfalls at the SSFL. The 3rd Quarter 2006 precipitation record at the SSFL is presented in Appendix A. All sanitary wastes from the SSFL were shipped off-site, appropriately managed, and are summarized in Appendix B. As there were no discharges during the 3rd Quarter of 2006 at any SSFL surface water discharge outfalls, (Outfalls 001-018), this report has no associated appendices for discharge monitoring data.

SUMMARY OF NONCOMPLIANCE

No surface water discharges occurred from the SSFL during the 3rd Quarter 2006. As such, there are no noncompliance issues to report for this period.

3rd QUARTER 2006 CORRECTIVE ACTIONS TAKEN

Despite having no surface water monitoring events in the 3rd Quarter of 2006, Boeing continued to take action to improve surface water quality by implementing its iterative BMP work plan in accordance with the 2005 13267 response (MWH, 2005). Boeing improved and upgraded multiple BMPs throughout the site in order to address past exceedances and improve surface water discharge quality. Boeing recently provided a summary of recent BMP activities in its first annual SSFL BMP Implementation Report to the Regional Board on October 1, 2006 (MWH, 2006a). This report describes the preliminary draft plans, specifications and activities already completed or currently underway to upgrade onsite BMPs. In addition to BMP activities, Boeing completed Storm Water Pollution Prevention Plan (SWPPP) reviews, updates, and inspections. Furthermore, during this period Boeing continued to implement its BMP filtration media pilot test and BMP materials analysis which began in the 2nd Quarter of 2006. The results of this pilot test were submitted by Boeing to the Regional Board on October 24, 2006 in the technical report entitled "R2-A Pond Filtration Pilot Test Report for the Santa Susana Field Laboratory," (MWH 2006b).

REASONABLE POTENTIAL ANALYSIS (RPA)

As stated in the 2nd Quarter 2006 DMR, and summarized in the MWH and Flow Science Technical Memo submitted to the Regional Board on April 28, 2006, (MWH and Flow Science, 2006), Boeing does not believe the currently used RPA procedures are appropriate for storm water and storm water dominated discharges from the SSFL.

No surface water discharges occurred from the SSFL and no new surface water discharge data became available during the 3rd Quarter of 2006. Accordingly, the analytical results for this sampling period did not trigger reasonable potential.

DATA VALIDATION AND QUALITY CONTROL DISCUSSION

There was no surface water discharge monitoring data for the 3rd Quarter of 2006 to perform data validation and quality control checks on.

FACILITY CONTACT

If there are any questions regarding this report or it enclosures, you may contact Mr. Paul Costa at (818) 466-8778.

CERTIFICATION

I certify under penalty of law that this document and all appendices 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 the 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 a knowing violation.

BOEING

Executed on the 8th of November 2006 at The Boeing Company, SSFL.

Sincerely,

Thomas D. Gallacher, Director
SSFL - Safety, Health, & Environmental Affairs
Shared Services Group

LW:bc
Attachments

Figures: 1 Storm Water Drainage System and Outfall Locations

Appendices: A 3rd Quarter 2006 Rainfall Data Summary
B 3rd Quarter 2006 Liquid Waste Shipment Summary Tables

cc: Jim Pappas, Department of Toxic Substances Control
Stephen Baxter, Department of Toxic Substances Control
Robert Marshall, California State University – Northridge, Library
Dale Redfield, Simi Valley Library
Lynn Light, Platt Branch, Los Angeles Library

SHEA-104516

References Cited:

MWH and Flow Science, "Reasonable Potential Analysis Methodology Technical Memo- Version 1, Final, Santa Susan Field Laboratory, Ventura County, California." April 28, 2006.

MWH, 2005. "Response to Requirement to Submit a Technical Report Pursuant to Section 13267 of the California Water Code – Boeing Company, Santa Susana Field Laboratory, Unincorporated Ventura County (NPDES No. CA0001309, CI No. 6027)." December 16, 2005

MWH, 2006a. "Best Management Practices Plan Implementation Report for Santa Susana Field Laboratory." October 1, 2006.

MWH, 2006b. "R2-A Pond Filtration Pilot Test Report for Santa Susana Field Laboratory." October 24, 2006.

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