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

HAND DELIVERED

August 15, 2006

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

BOEING

Attention: Information Technology Unit

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

Subject: 2nd 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 2nd Quarter of 2006. This DMR provides the results of the sampling that occurred for the SSFL outfalls (Figure 1) for the period of April 1st through June 30th of 2006 as required by National Pollutant Discharge Elimination System (NPDES) Permit No. CA0001309. This quarterly DMR provides information and data, including summary tables of surface water sample analytical results, rainfall summaries, liquid waste shipment summaries, and surface water sample laboratory analytical reports. The DMR is provided for the SSFL domestic sewage treatment plants and outfalls authorized by NPDES Permit No. CA0001309.

This reporting period utilizes two sets of permit requirements and permit limits. The Los Angeles Regional Water Quality Control Board ("Regional Board") revised the NPDES Permit for the SSFL on January 19, 2006. This version of the NPDES permit became effective on March 10, 2006. The Regional Board then revised the permit again to implement the Los Angeles River Metals Total Maximum Daily Load (TMDL) and Los Angeles River Nutrients TMDL at the March 3, 2006 Regional Board Hearing. The Regional Board applied the Los Angeles River TMDL concentration-based limits for metals and nutrients to Outfalls 001, 002, 008, 011, and 018 where existing limits were either not in place or were higher than established TMDL allocations. The Regional Board required immediate implementation and compliance for these TMDLs and therefore issued an updated version of the 2006 NPDES Permit dated March 17, 2006 with an effective date of April 28, 2006. Data tables for the month of April are presented in a pre-April 28, 2006 format, and data tables for May and June are presented in a post-April 28, 2006 format, referring to the applicable permit limits of the original 2006 NPDES permit and the updated April 28, 2006 NPDES permit, respectively.

2nd 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 2nd Quarter 2006 precipitation at SSFL is presented in Appendix A. All sanitary wastes were shipped off-site and appropriately managed and are summarized in Appendix B. Therefore, there were no discharges associated with the domestic sewage treatment plants (Outfalls 015, 016, and 017) and no samples were collected from these outfall locations. No discharges occurred at Outfalls 012, 013 or 014 (Alfa Test Stand, Bravo Test Stand, or Advanced Propulsion Testing Facility [APTF]), as rocket and propulsion testing activities were not conducted during this quarter at these locations.

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Surface water samples were collected from Outfalls 001 through 011, and 018. Samples were analyzed at a California-certified laboratory. Appendices C and D contain summary tables of analytical results for surface water samples collected during the 2nd Quarter 2006. These tables identify the outfall, the constituents evaluated (analytes), the date of sampling, the analytical result, and data validation qualifiers.

Based on the surface water sample monitoring data in Appendices C and D, a summary table of permit limit exceedances is provided in Appendix E, and the results of a reasonable potential analysis (RPA) utilizing updated monitoring data are included in Appendix F. Appendix G contains copies of the analytical reports, chain of custody, and validation reports. As a supplement included with the summary tables in Appendices B, C, and E, the Quarterly Summary Notes are a compilation of notes, abbreviations, and data validation codes that are used in the analytical data summary tables.

2nd QUARTER 2006 SUMMARY OF NONCOMPLIANCE

Past and ongoing research suggests that the sources for the observed 2nd quarter exceedances are primarily the result of natural and regional conditions beyond the control of Boeing. Appendix E lists all permit limit exceedances for the 2nd Quarter 2006. These observed permit limit exceedances were for the constituents copper, lead, iron, TCDD TEQ (dioxin), nitrate+nitrite as nitrogen, and total suspended solids. This section provides a discussion of the observed 2nd Quarter permit limit exceedances from a site wide perspective and then by the constituent groups: 1) metals, 2) dioxins, 3) nitrate+nitrite as nitrogen, and 4) total suspended solids. The follow on section titled "2nd Quarter 2006 Corrective Actions Taken" will address the corrective actions taken to address these and past permit limit exceedances.

Site-Wide Perspective

Many of the constituents detected at concentrations and mass loads greater than their permit limit are known to be naturally occurring and may have been detected because storm water flows in natural drainages containing bedrock, soil, sediment, and naturally occurring inorganic and organic materials. These natural materials contain many constituents that are regulated under the NPDES Permit. Furthermore, other ambient background sources beyond the control of Boeing, including atmospheric deposition, are known to contribute regulated constituents to storm water (Sabin et al 2004, Sabin et al. 2005). Storm water constituent concentrations and mass loads at a given outfall can vary significantly during and between storm events. Native soils and ash from wild fires can contribute to the presence of constituents in storm flows at levels that may exceed SSFL NPDES Permit limits, (Gallaher and Koch, 2004, Flow Science, 2006). Boeing has investigated and continues to investigate potential sources of constituents coming from areas of historical Site industrial activity. As a

precautionary measure Boeing has installed surface runoff controls at these areas within the drainage to mitigate movement of sediments or constituents in the watershed.

Metals

Boeing permit limit exceedances for copper, iron, and lead occurred in the 2nd Quarter of 2006. These three metals have been frequently detected in DTSC-approved background soil (uncontaminated) samples (MWH, 2005). Boeing believes that these metals permit limit exceedances are primarily due to the erosion and surface water transport of native soils and ash. In addition, as noted in the previous paragraph, Boeing has investigated and continues to investigate potential sources of constituents coming from areas of historical Site industrial activity with coordination from DTSC. As a precautionary measure, Boeing has emplaced runoff control devices and erosion control measures, where appropriate, to mitigate the movement of these trace metals into the watershed from historical Site industrial areas. Furthermore, following the Topanga Fire, Boeing emplaced extensive erosion control BMPs, in conjunction with hydromulching over 860 acres of the site in an effort to reduce erosion of ash and soil. Boeing continues to investigate erosion sources and erosion control measures at the site, and will improve BMPs as appropriate, to better control sediment and associated metals transport into the surface water.

TCDD TEQ (Dioxin)

Boeing will continue to investigate sources of TCDD onsite. However, the presence of TCDD in both background soils and fire-related materials is well documented in the scientific literature (USEPA, 2000, Gullet and Touati 2003) and substantiated by previously completed on- and offsite studies (MWH, 2005a), and presented in the Flow Science Background Report, (Flow Science, 2006). These reports suggest that the levels of TCDD TEQ measured in surface water at the SSFL could be primarily from wildfire combustion processes, regional atmospheric deposition, and other naturally occurring sources over which Boeing has no reasonable control. Continued monitoring of surface water at the outfall locations will provide a more thorough dataset with which to further evaluate the occurrence of TCDD.

Nitrate+Nitrite as Nitrogen

Permit limit exceedances for these nitrogen compounds were observed at Outfall 005. An evaluation by Boeing of potential onsite sources has not identified a direct source or cause for these permit limit exceedances. A literature review by Boeing suggests post wildfire sites may have excess water-soluble nutrients (nitrate and nitrite are in excess because the plants that would have bound the nutrients within their plant tissue were burned in the fires). These nutrients then drain into nearby streams and bodies of water as nitrate-nitrogen is very soluble and is a nutrient particularly prone to leaching from soil (Higgins, et. al., 1989). Furthermore, Boeing evaluated BMP materials at Outfall 005 for possible decomposition of natural material (i.e. decomposition of hay in straw wattles and hay bales) as a potential nitrogen source. Laboratory test results for hay samples from bales and straw wattle BMPs returned nondetect values for nitrates and nitrites. Boeing will continue to investigate and test other potential sources, as appropriate. Boeing will continue to evaluate nitrate+nitrite as nitrogen values at this and other outfall locations across the site to better understand its occurrence and whether its occurrence diminishes as native vegetation returns.

Total Suspended Solids (TSS)

At Outfall 018 there was a single dry weather monitoring event that occurred on May 17, 2006. As indicated in the permit, TSS limits for Outfalls 001, 002, 011, and 018 apply only

during dry weather discharges. Dry Weather discharges are considered discharge events if they occur more than seven days after a storm event has passed. Although this sample was below the daily maximum permit limit, it exceeded the monthly average permit limit for Total Suspended Solids in dry weather discharges. Since there was only one sample for the month of May, (wet or dry weather,) other samples to more robustly determine the monthly average could not be collected following the initial monitoring event. Peak TSS concentrations and the variance in TSS concentrations following the Topanga fire have increased at all storm water and storm water dominated outfalls at the SSFL (Flow Science, 2006). Boeing has implemented, maintained, and evaluated BMPs across the Site, and will continue to update BMPs, as appropriate, in order to assist in controlling suspended solids transport in surface water runoff.

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2nd QUARTER 2006 CORRECTIVE ACTIONS TAKEN

All laboratory results were received after the last discharge event in the 2nd Quarter due to the time required for laboratory processing, sampling analysis, and validation. However, throughout the 2nd Quarter, Boeing took numerous actions to improve the quality of surface water discharges. During this quarter, Boeing continued to address past permit limit exceedances and execute its iterative BMP work plan in accordance with the 2005 13267 response (MWH, 2005). To date, Boeing is on schedule with its BMP work plan timeline provided in the 2005 13267 response (see page 4, MWH, 2005b). In particular, during this period Boeing focused on maintenance, monitoring, and improvements of recently rebuilt BMPs, while also continuing its BMP design process and BMP materials analysis. The following table lists the outfall location and respective BMP activities completed during the 2nd Quarter 2006:

Table 1: BMP Activities During the 2nd Quarter 2006

OUTFALL	BMP ACTIVITIES DURING 2nd QUARTER 2006*
001 (South Slope below Perimeter Pond)	Upstream maintenance of erosion control measures and debris removal. BMP activities at Outfall 011 will also contribute to Outfall 001's drainage activities.
002 (South Slope below R-2 Pond)	Upstream maintenance of erosion control measures and debris removal. BMP activities at Outfall 018 will also contribute to Outfall 002's drainage activities.
003 (RMHF)	Maintenance to erosion control measures currently in place. Design and planning for a BMP system upgrade to be implemented.
004 (SRE)	Maintenance to erosion control measures currently in place. Design and planning for a BMP system upgrade to be implemented.
005 (FSDF-1)	Maintenance to erosion control measures currently in place. Design and planning for a BMP system upgrade to be implemented.
006 (FSDF-2)	Maintenance to erosion control measures currently in place. Design and planning for a BMP system upgrade to be implemented.
007 (Building 100)	Maintenance to erosion control measures currently in place Design and planning for a BMP system upgrade to be

OUTFALL	BMP ACTIVITIES DURING 2nd QUARTER 2006*
	implemented.
008 (Happy Valley)	Upstream maintenance of erosion control measures and debris removal.
009 (WS-13 Drainage)	Upstream maintenance of erosion control measures and debris removal.
010 (Building 203)	Design and planning for a BMP system upgrade to be implemented.
011 (Perimeter Pond)	Installed activated carbon filter bed to treat pond effluent. Upstream maintenance of erosion control measures and debris removal. Design and planning for a BMP system upgrade to be implemented.
012 (ALFA Test Stand)	Designed, procured materials, and commenced construction for retention and pumping facility for Alfa Test Stand deluge water. This BMP will not be completed as no further rocket engine testing is planned at Alfa Test Stand. No longer in use.
013 (BRAVO Test Stand)	No activity. No longer in use.
014 (APTF Test Stand)	No activity. No longer in use.
015 (STP I)	No activity. Wastewater currently hauled offsite – no discharges.
016 (STP II)	No activity. Wastewater is pumped to STP-III where it is currently hauled offsite – no discharges.
017 (STP III)	No activity. Wastewater currently hauled offsite – no discharges.
018 (R-2 Spillway)	Upstream maintenance of erosion control measures and debris removal. Conducted R-2 pond spillway maintenance. Set up R-2 pond pilot test upstream of Outfall 018. (See Pilot Test description below). Design and planning for a BMP system upgrade to be implemented.

*Other BMPs exist at these Outfalls that did not require upgrades or replacements.

In addition to the BMP activities listed above, Boeing continues with site-wide activities to mitigate transmission of regulated constituents into storm water.

Ash and Debris Removal

As part of the ongoing activities after the 2005 Topanga Wildfire, during the 2nd Quarter Boeing continued to remove accumulated ash to the extent practicable from the upstream drainages of the outfalls. To date, more than 920 tons of ash have been removed, of which approximately 260 tons were removed in the 2nd Quarter.

BMP Effectiveness Monitoring Program

In April and May, Boeing set up and began operation of its BMP effectiveness monitoring program. Automated influent and effluent sampling units have been installed above and below BMPs at Outfalls 003, 004, 005, 006, 007, 010, and 011 to analyze for suspended sediment concentration during storm events as a means of determining the constituent removal effectiveness of BMPs. Boeing will continue to operate this program in the coming storm season, and results of the monitoring and testing will be reported to the Regional Board in accordance with the schedule provided in the work plan.

Filtration Pilot Test

The purpose of the pilot test is to determine which filter media(s) will be most effective at achieving the effluent limits in the NPDES permit. Rather than waiting for rainfall during the next rain season, pond water from the R-2 pond is used as a surrogate for storm water. Design and selection of BMP filter media occurred in early June 2006. Procurement of materials and construction were conducted in the end of June 2006. Nine drums were installed with different filter media. A pump was installed in the R-2 pond and the system was started up. Water is pumped from the R-2 pond, through the filter media, and back into the pond. Filter media tests will focus on metals, dioxins, nitrogen compounds, and other constituents of concern. No monitoring data is available at this time. The results of this test will be used to design filter systems for the outfalls.

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REASONABLE POTENTIAL ANALYSIS (RPA)

As required by the 2006 NPDES Permit, Boeing has completed a Reasonable Potential Analysis based on additional monitoring data for Outfalls 001 through 011 and 018 from the 2nd Quarter 2006. Appendix F of this DMR contains summary tables of RPA calculations for the four respective outfall monitoring groups. This RPA analysis utilizes available monitoring data from August 2004 to June 2006. Boeing completed this RPA using the methodology specified in the MWH and Flow Science white paper provided to the Regional Board May 8, 2006 entitled "Reasonable Potential Analysis Methodology Technical Memo; Santa Susana Field Laboratory, Ventura, California," (MWH and Flow Science, 2006) which outlined the step by step process to be used by Boeing during completion of its quarterly RPA.

As summarized in MWH and Flow Science, 2006, the Regional Board used the reasonable potential procedures outlined in the State of California's Policy for the Implementation of Toxics Standards for Inland Waters, Enclosed Bays, and Estuaries ("State Implementation Policy," or "SIP") and EPA's Technical Support Document for Water Quality-based Toxics Control ("TSD") to set the numeric limits for Boeing's permit. However, Boeing does not believe that these procedures are appropriate for the discharges form SSFL. The reasonable potential procedures outlined in these documents were developed and are therefore appropriate for steady-state discharges, which are not the types of discharges that occur at SSFL. Discharges at SSFL are storm water only, or storm water dominated. Storm flows are significantly different from steady-state discharges in that they exhibit highly variable rates and water quality constituent concentrations both during and between storms. Thus, the procedures established in the SIP and TSD that are used by the Regional Board, and which Boeing has been directed to use to establish reasonable potential, are not applicable to storm flows. In fact, to Boeing's knowledge, there are no established, promulgated, or published reasonable potential analysis procedures for storm water discharges. Nonetheless, as directed by the Regional Board, Boeing will use the SIP and TSD analytical procedures to perform the RPA analysis, but will defer to the Regional Board on the final step of using best professional judgment in determining reasonable potential pending a determination of its appeal before the State Water Resources Control Board.

Outfall monitoring data collected in the 2nd Quarter were only for Outfalls 001-011, and 018. Relevant data from this quarter were added to the RPA data set as per the MWH and Flow Science 2006 RPA procedures. For three of the four outfall monitoring groups ((a) Outfalls 001, 002, 011, 018, (b) Outfalls 003-010, and (c) Outfalls 015-017) the analytical results for

this sampling period did not trigger reasonable potential for any constituents not already regulated under the current NPDES permit. Additionally, for Outfalls 012-014, the analytical results for this sampling period did not trigger reasonable potential. However based on historical data samples from March 2, 2005 and August 16, 2005, reasonable potential was triggered for constituents not regulated under the current NPDES permit. A summary RPA table for these constituents is provided below. Complete RPA tables for all constituent-outfall monitoring groups are provided in Appendix F.

Note as stated in Table 1 of this report, Boeing has discontinued rocket tests at the Alfa, Bravo, and APTF rocket test stands and has no future plans to discharge from Outfalls 012-14.

Table 2: 2nd Quarter 2006 RPA Trigger Summary

Outfall Monitoring Group	Constituent to Trigger RPA	Maximum Observed Effluent Concentration	Maximum Projected Effluent Concentration	Basin Plan/CTR Comparison Criteria	Analysis Method	Date and Time Sampled
Outfalls 012-014	Benzene	7.1 ug/L	N/A	1 ug/L	EPA 624	3/2/2005 2:43PM
Outfalls 012-014	Turbidity	49 NTU	71 NTU	50 NTU	EPA 180.1	8/16/2005 11:42 AM

DATA VALIDATION AND QUALITY CONTROL DISCUSSION

Chemical analyses of surface water discharge samples were completed at a California-state certified laboratory for such analyses, in accordance with current EPA guidelines, procedures, or as specified in the monitoring program. Data validation was performed on the analytical results and quality control elements were found to be within acceptable limits for the analytical methods reported, except as noted on the analytical summary tables. Laboratory analytical reports, including validation reports and notes, are included in Appendix G. Attachment T-A of the NPDES permit issued to the SSFL presents the State of California Water Resources Control Board (SWRCB or "State Board") minimum levels (MLs) for use in reporting and determining compliance with NPDES permit limits.

The analytical laboratory achieved these MLs for this reporting period. However, some constituents' daily maximum discharge limits in the NPDES permit are less than their respective MLs, and less than the laboratory reporting limit (RL). In cases where the permit limit is less than the RL and ML, the RL was used to determine compliance. The specific constituents that have permit limits that are less than the RL and ML are mercury (daily maximum permit limit of 0.10 µg/L and 0.13 µg/L, monthly average limit of 0.05 µg/L, RL of 0.2 µg/L), cyanide (monthly average limit of 4.3 µg/L), RL of 5.0 µg/L, and Bis- (2-ethylhexyl) phthalate (daily maximum permit limit of 4.0, RL of 5.0 µg/L). Neither mercury, cyanide, and Bis-(2-ethylhexyl) phthalate exceeded reporting limits for the 2nd Quarter 2006.

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.

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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.

Executed on the 15th of August 2006 at The Boeing Company, SSFL.

Sincerely,

Tom Gallacher
Director, SHEA & Remediation Programs

TG:BK:bc
Attachments (as noted below)

Figures: 1 Storm Water Drainage System and Outfall Locations

Appendices:
- A 2nd Quarter 2006 Rainfall Data Summary
- B 2nd Quarter 2006 Liquid Waste Shipment Summary Tables
- C 2nd Quarter 2006 Summary Tables, Discharge Monitoring Data, Outfalls 001 through 012 and 018
- D 2nd Quarter 2006 Outfall 003 Follow-on Radiological Monitoring Data
- E 2nd Quarter 2006 Summary of Permit Limit Exceedances
- F Reasonable Potential Analysis (RPA) Summary Tables
- G 2nd Quarter 2006 Analytical Laboratory Reports, Chain-of-Custody and Validation Reports

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

References Cited:

Flow Science, "Potential Background Constituent Levels in Storm Water at Boeing's Santa Susana Field Laboratory." February 23, 2006.

Gallaher, B., Koch, R., "Cerro Grande Fire Impacts to Water Quality and Stream Flow near Los Alamos National Laboratory: Results of Four Years of Monitoring." Los Alamos national Laboratory, LA-14177. September 2004. On line at http://www.lanl.gov/orgs/rres/maq/pdf/CGF/LA-14177.pdf.

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

MWH. 2005a. Standardized Risk Assessment Methodology (SRAM) Work Plan – Revision 2 Final, Santa Susana Field Laboratory, Ventura County, California. September.

MWH, 2005b. 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

Sabin, L., Schiff, K., Lim, J., Stolzenbach, K., 2004. "Atmospheric dry deposition of trace metals in the Los Angeles coastal region." Southern California Coastal Water Research Project Biennial Report 2003-2004.

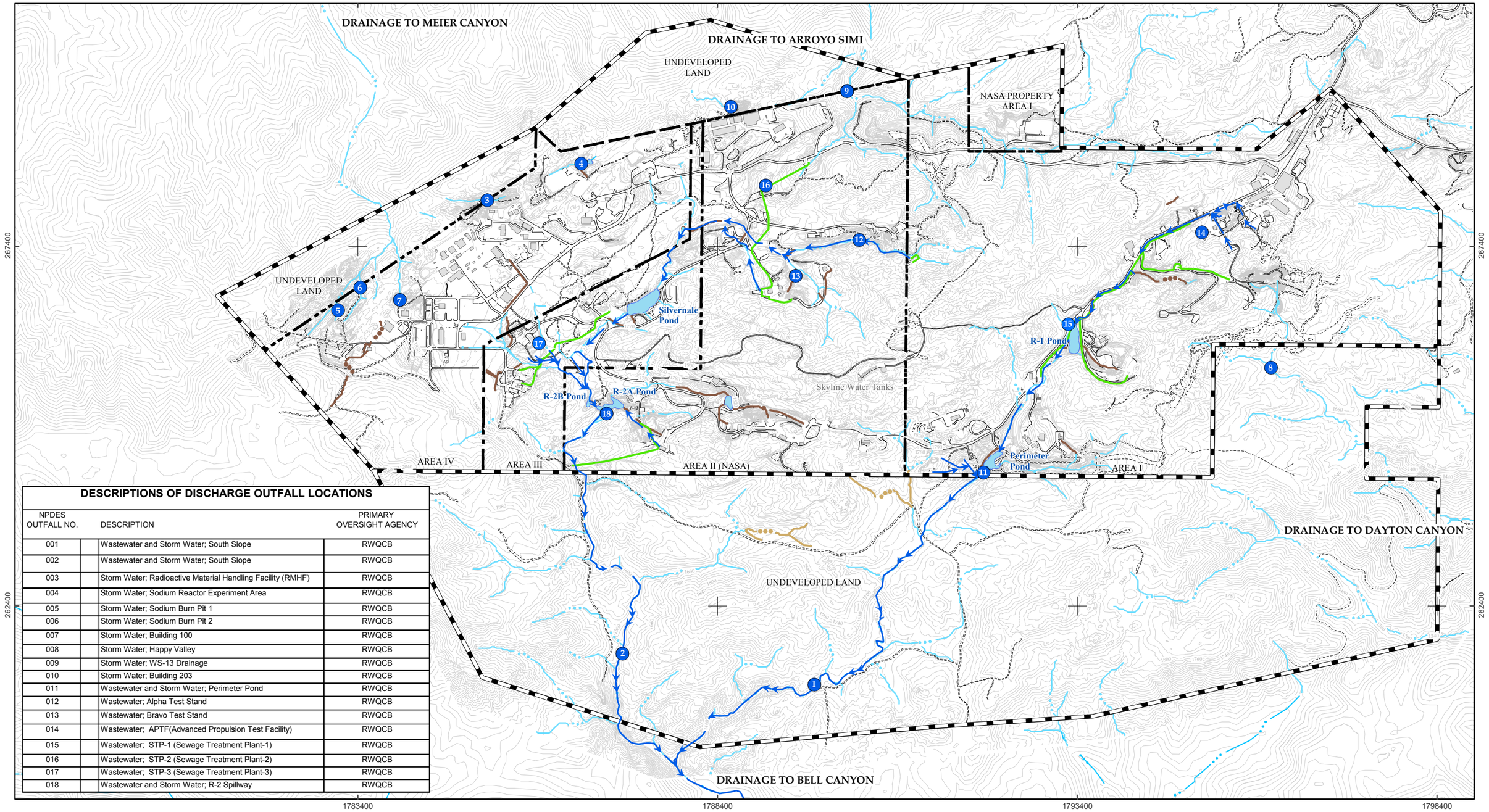
Sabin, L., Lim, J., Stolzenbach, K., Schiff, K., 2005. "Contribution of trace metals from atmospheric deposition to storm water runoff in a small impervious urban catchment." Water Research, Volume 39, 2005, pp. 3929-3937.

State of California Water Resources Control Board ("State Board"), "Order WQ 2006-0002: In the Matter of the Petition of The Boeing Company, For Review of Waste Discharge Requirements order no. R4-2006-0008 [NPDES No. CA0001309] (Amending Order R4-2004-0111) for Boeing Company's Santa Susana Field Laboratory, Issued by the Los Angeles Regional Water Quality Control Board." SWRCB/OCC File A-1737, April 7, 2006.

USEPA, Exposure and Human Health Reassessment of 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD) -and Related Compounds. Part I: Estimating Exposure to Dioxin-Like Compounds. Volume 3: Properties, Environmental Levels, and Background Exposures. Draft. EPA/600/P-00/001Ac. Office of Research and Development, Washington, DC. March, 2000.

FIGURE 1

2nd QUARTER 2006 – STORM WATER DRAINAGE SYSTEMS AND OUTFALL LOCATIONS



DESCRIPTIONS OF DISCHARGE OUTFALL LOCATIONS

NPDES OUTFALL NO.	DESCRIPTION	PRIMARY OVERSIGHT AGENCY
001	Wastewater and Storm Water; South Slope	RWQCB
002	Wastewater and Storm Water; South Slope	RWQCB
003	Storm Water; Radioactive Material Handling Facility (RMHF)	RWQCB
004	Storm Water; Sodium Reactor Experiment Area	RWQCB
005	Storm Water; Sodium Burn Pit 1	RWQCB
006	Storm Water; Sodium Burn Pit 2	RWQCB
007	Storm Water; Building 100	RWQCB
008	Storm Water; Happy Valley	RWQCB
009	Storm Water; WS-13 Drainage	RWQCB
010	Storm Water; Building 203	RWQCB
011	Wastewater and Storm Water; Perimeter Pond	RWQCB
012	Wastewater; Alpha Test Stand	RWQCB
013	Wastewater; Bravo Test Stand	RWQCB
014	Wastewater; APTF(Advanced Propulsion Test Facility)	RWQCB
015	Wastewater; STP-1 (Sewage Treatment Plant-1)	RWQCB
016	Wastewater; STP-2 (Sewage Treatment Plant-2)	RWQCB
017	Wastewater; STP-3 (Sewage Treatment Plant-3)	RWQCB
018	Wastewater and Storm Water; R-2 Spillway	RWQCB

0 1,300 FEET

MAP COORDINATES IN STATE PLANE, NAD 27, ZONE V

Legend

- NPDES Outfalls (RWQCB Primary Oversight Authority)
- Treated Effluent Pathways
- HPDE Transmission Pipelines
- Natural Drainage
- Concrete Lined Drainage
- Graded Drainage
- Surface Water Reclamation Ponds

Base Map Legend

- SSFL Property Boundary
- Administrative Area Boundary
- Ground Elevation Contours
- Drainage Pathways
- A/C Curbing
- Dirt Road
- Existing Building or Structure

Storm Water Drainage Systems and Outfall Locations

Date: May 09, 2005

File: r:\rock\plots\arcmap\npdes_locations_permit_only.mxd

MWH

FIGURE 1

APPENDIX A

2nd QUARTER 2006 RAINFALL DATA SUMMARY

TABLE A-1
DAILY RAINFALL SUMMARY

THE BOEING COMPANY
NPDES PERMIT NUMBER
CA0001309

Station: AREA4
Parameter: Rain
Month/Year: April 2006

APRIL 2006

HOUR OF DAY

DAY OF THE MONTH	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	0.03	0.02	0.10	0.02	0.18	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.06	0.04	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.01	0.00	0.00	0.02	0.04	0.17	0.12	0.22	0.19	0.10	0.06	0.10	0.04	0.11	0.05	0.01	0.01	0.00	0.02	0.12	0.13	0.01	0.03	0.01
5	0.21	0.03	0.00	0.09	0.03	0.04	0.03	0.00	0.04	0.01	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.02	0.01	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.03	0.00	0.03	0.18	0.01	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.01	0.02	0.00
15	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

TABLE A-2
DAILY RAINFALL SUMMARY

THE BOEING COMPANY
NPDES PERMIT NUMBER
CA0001309

Station: AREA4
Parameter: Rain
Month/Year: May-06

MAY 2006

HOUR OF DAY

Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.16	0.04	0.04
22	0.08	0.03	0.07	0.00	0.07	0.07	0.08	0.05	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

DAY OF THE MONTH

TABLE A-3
DAILY RAINFALL SUMMARY

THE BOEING COMPANY
NPDES PERMIT NUMBER
CA0001309

Station: AREA4
Parameter: Rain
Month/Year: June-06

JUNE 2006

HOUR OF DAY

DAY OF THE MONTH	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

APPENDIX B

2nd QUARTER 2006 LIQUID WASTE SHIPMENTS SUMMARY TABLES

TABLE B-1
THE BOEING COMPANY

NPDES PERMIT CA0001309
LIQUID WASTE SHIPMENTS
APRIL 2006

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
4/3/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Carson
				4120 BANDINI BLVD. LOS ANGELES, CA.	
4/3/2006	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
4/3/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
4/5/2006	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
4/5/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
4/6/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
4/7/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
4/7/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
4/7/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
4/10/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
4/10/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
4/10/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Carson
				4120 BANDINI BLVD. LOS ANGELES, CA.	
4/11/2006	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
4/11/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
4/11/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	

TABLE B-1
THE BOEING COMPANY

NPDES PERMIT CA0001309
LIQUID WASTE SHIPMENTS
APRIL 2006

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
4/12/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
4/12/2006	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
4/12/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Carson
				4120 BANDINI BLVD. LOS ANGELES, CA.	
4/14/2006	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
4/14/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
4/14/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
4/17/2006	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Carson
				4120 BANDINI BLVD. LOS ANGELES, CA.	
4/17/2006	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
4/17/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
4/17/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
4/17/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
4/17/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
4/18/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
4/18/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
4/18/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Carson
				4120 BANDINI BLVD. LOS ANGELES, CA.	

TABLE B-1
THE BOEING COMPANY

NPDES PERMIT CA0001309
LIQUID WASTE SHIPMENTS
APRIL 2006

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
4/19/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
4/19/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
4/19/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Carson
				4120 BANDINI BLVD. LOS ANGELES, CA.	
4/24/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Carson
				4120 BANDINI BLVD. LOS ANGELES, CA.	
4/24/2006	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
4/24/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
4/26/2006	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
4/26/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
4/26/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Carson
				4120 BANDINI BLVD. LOS ANGELES, CA.	

TABLE B-2
THE BOEING COMPANY

NPDES PERMIT CA0001309
LIQUID WASTE SHIPMENTS
MAY 2006

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
5/1/2006	GROUNDWATER TRACE TCE BULK	39380	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	ONYX ENVIRONMENTAL SERVICES INC.
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702
5/2/2006	GROUNDWATER TRACE TCE BULK	40840	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	ONYX ENVIRONMENTAL SERVICES INC.
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702
5/2/2006	GROUNDWATER TRACE TCE BULK	35540	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	ONYX ENVIRONMENTAL SERVICES INC.
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702
5/3/2006	GROUNDWATER TRACE TCE BULK	40660	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	ONYX ENVIRONMENTAL SERVICES INC.
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702
5/3/2006	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
5/3/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
5/3/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Carson
				4120 BANDINI BLVD. LOS ANGELES, CA.	
5/4/2006	GROUNDWATER TRACE TCE BULK	42120	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	ONYX ENVIRONMENTAL SERVICES INC.
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702
5/4/2006	GROUNDWATER TRACE TCE BULK	41580	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	ONYX ENVIRONMENTAL SERVICES INC.
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702
5/4/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
5/4/2006	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
5/4/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Carson
				4120 BANDINI BLVD. LOS ANGELES, CA.	
5/5/2006	GROUNDWATER TRACE TCE BULK	42040	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	ONYX ENVIRONMENTAL SERVICES INC.
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702
5/8/2006	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
5/8/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
5/8/2006	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Carson
				4120 BANDINI BLVD. LOS ANGELES, CA.	
5/10/2006	GROUNDWATER TRACE TCE BULK	40400	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	ONYX ENVIRONMENTAL SERVICES INC.
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702
5/11/2006	GROUNDWATER TRACE TCE BULK	42800	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	ONYX ENVIRONMENTAL SERVICES INC.
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702

TABLE B-2
THE BOEING COMPANY

NPDES PERMIT CA0001309
LIQUID WASTE SHIPMENTS
MAY 2006

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
5/11/2006	GROUNDWATER TRACE TCE BULK	35780	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	ONYX ENVIRONMENTAL SERVICES INC.
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702
5/12/2006	GROUNDWATER w/TRACE TCE & PERCH	43320	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	ONYX ENVIRONMENTAL SERVICES INC.
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702
5/17/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
5/17/2006	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
5/17/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Carson
				4120 BANDINI BLVD. LOS ANGELES, CA.	
5/18/2006	WASTE LOOSEPAC FLAMMABLE LIQUID	120	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	ONYX ENVIRONMENTAL SERVICES INC.
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702
5/18/2006	WASTE LABPAC FLAMMABLE LIQUID, TOXIC	15	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	ONYX ENVIRONMENTAL SERVICES INC.
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702
5/18/2006	WASTE LABPAC FLAMMABLE TOXIC LIQUID, INORG	4	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	ONYX ENVIRONMENTAL SERVICES INC.
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702
5/18/2006	WASTE LABPAC NITRIC ACID, NOT RED FUMING	10	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	ONYX ENVIRONMENTAL SERVICES INC.
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702
5/18/2006	WASTE LABPAC CORROSIVE LIQUID FLAMMABLE	7	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	ONYX ENVIRONMENTAL SERVICES INC.
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702
5/18/2006	WASTE LABPAC CORROSIVE LIQUID, ACIDIC, INORGANIC	8	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	ONYX ENVIRONMENTAL SERVICES INC.
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702
5/18/2006	WASTE LOOSEPAC CORROSIVE LIQUID, ACIDIC, INORGANIC	12	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	ONYX ENVIRONMENTAL SERVICES INC.
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702
5/18/2006	WASTE LOOSEPAC NON-RCRA LIQUID	154	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	ONYX ENVIRONMENTAL SERVICES INC.
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702
5/18/2006	WASTE MIXED SOLVENTS	7	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	ONYX ENVIRONMENTAL SERVICES INC.
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702
5/18/2006	WASTE MWH/ NTO/ IPA	44	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	ONYX ENVIRONMENTAL SERVICES INC.
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702
5/18/2006	WASTE MIXED ACIDS - NO METALS	385	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	ONYX ENVIRONMENTAL SERVICES INC.
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702
5/18/2006	WASTE SODIUM HYDROXIDE SOLN BULK	4457	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	ONYX ENVIRONMENTAL SERVICES INC.
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702

TABLE B-2
THE BOEING COMPANY

NPDES PERMIT CA0001309
LIQUID WASTE SHIPMENTS
MAY 2006

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
5/18/2006	WASTE LEAD ACID BATTERY	15	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	ONYX ENVIRONMENTAL SERVICES INC.
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702
5/18/2006	WASTE PAINT WASHWATER	83	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	ONYX ENVIRONMENTAL SERVICES INC.
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702
5/18/2006	ALFA KEROSENE OIL, WATER BULK	1044	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	ONYX ENVIRONMENTAL SERVICES INC.
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702
5/18/2006	WASTE ANTIFREEZE (N/R)	1422	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	ONYX ENVIRONMENTAL SERVICES INC.
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702
5/18/2006	NON -RCRA HAZARDOUS LIQUID WITH SLUDGE, TRACE	211	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	ONYX ENVIRONMENTAL SERVICES INC.
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702
5/18/2006	WASTE OIL/WATER (N/R)	1508	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	ONYX ENVIRONMENTAL SERVICES INC.
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702
5/18/2006	WASTE WATER /OIL (N/R)	780	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	ONYX ENVIRONMENTAL SERVICES INC.
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702
5/18/2006	WASTE MIXED GLYCOLS & WATER (N/R)	364	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	ONYX ENVIRONMENTAL SERVICES INC.
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702
5/18/2006	WASTE SOAP/SURFACTANT (N/R)	699	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	ONYX ENVIRONMENTAL SERVICES INC.
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702
5/18/2006	WASTE WATER /OIL (N/R)	8	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	ONYX ENVIRONMENTAL SERVICES INC.
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702
5/24/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
5/24/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
5/24/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Carson
				4120 BANDINI BLVD. LOS ANGELES, CA.	
5/31/2006	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
5/31/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
5/31/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Carson
				4120 BANDINI BLVD. LOS ANGELES, CA.	

TABLE B-3
THE BOEING COMPANY

NPDES PERMIT CA0001309
LIQUID WASTE SHIPMENTS
JUNE 2006

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
6/1/2006	GROUNDWATER w/ TRACE TCE & PERCH	40280	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	ONYX ENVIRONMENTAL SERVICES INC.
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702
6/5/2006	ALFA KEROSENE OIL, WATER BULK	9320	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	ONYX ENVIRONMENTAL SERVICES INC.
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702
6/6/2006	GROUNDWATER w/TRACE TCE & PERCH	28620	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	ONYX ENVIRONMENTAL SERVICES INC.
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702
6/7/2006	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
6/7/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
6/7/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Carson
				4120 BANDINI BLVD. LOS ANGELES, CA.	
6/8/2006	NON-PCB TRANSFORMER	4950	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	ONYX ENVIRONMENTAL SERVICES INC.
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702
6/14/2006	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
6/14/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
6/14/2006	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Carson
				4120 BANDINI BLVD. LOS ANGELES, CA.	
6/19/2006	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
6/19/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
6/19/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Carson
				4120 BANDINI BLVD. LOS ANGELES, CA.	
6/22/2006	ALFA KEROSENE OIL, WATER BULK	5980	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	ONYX ENVIRONMENTAL SERVICES INC.
				1704 W. FIRST ST. AZUSA, CA. 91702	1704 W. FIRST ST. AZUSA, CA. 91702
6/24/2006	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
6/24/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA.	
6/24/2006	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Carson
				4120 BANDINI BLVD. LOS ANGELES, CA.	

APPENDIX C

2nd QUARTER 2006 SUMMARY TABLES, DISCHARGE MONITORING DATA, OUTFALLS 001 THROUGH 011, AND 018

SECOND QUARTER 2006 REPORTING SUMMARY NOTES
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Notes:

1. For Dioxins and Furans, laboratory results may have been reported in picograms/liter (pg/L). However, the permit limit is stated in micrograms/liter (µg/L). To evaluate permit compliance, the laboratory results have been converted to µg/L, as necessary, to calculate the TCDD TEQ.

2. TCDD TEQs for the purpose of determining permit compliance are the sum of the products of the detected dioxin congener concentration multiplied by that congener's TEF. The resulting compliance TCDD TEQ does not include those congener concentrations that are reported as DNQ, as specified on Page 46 of the NPDES permit.

3. For some sample dates, pH was determined with a field instrument and was noted as such. These results were not validated. Since pH does not have an RL, the possible pH range is shown in the RL column.

4. The NPDES permit limits for mercury of 0.10 µg/L (Outfalls 1-2) and 0.13 µg/L (Outfalls 3-7) are not achievable by the laboratory; therefore, the laboratory reporting limit of 0.20 µg/L was used to determine compliance.

5. The volume discharged at the Alfa Test Stand (Outfall 012) is estimated based on the run time of the test.

6. For mass based results, the following assumptions and rationale were used:
   Daily Constituent Mass (lbs/day) = Constituent Concentration (mg/L) x 8.34 x Measured Outfall Flow (mgd) during the Flow Event.

   Monthly Average Constituent Mass (lbs/day) = Sum of all Daily Constituent Mass within a calendar month / Total Number of Days Flow Events Occurred during that month.

7. In calculating monthly average, one-half of the MDL was used for concentration results reported as ND. The estimated value was used for concentration results reported as DNQ. If all pollutants belonging to the same group are reported as ND or DNQ, the sum of the individual pollutant concentrations were considered zero for calculation of the monthly average.

8. All of the following abbreviations and/or notes may not occur on every table.

-92.9 +/-200	A negative radiochemical analytical result indicates the count rate of the sample was less than the background condition
$	reported result or other information was incorrectly reported by the laboratory; result was corrected by the data validator
--	based on validation of the data, a qualifier was not required
-/-	no permit limit established for daily maximum or monthly average
<(value)	analyte not detected at a concentration greater than or equal to the DL, MDL, or RL (see laboratory report for specific detail)
*	result not validated
*1	improper preservation of sample

SECOND QUARTER 2006 REPORTING SUMMARY NOTES
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

*2	the ICP/MS ppb check standard was recovered above the control limit; therefore, the constituent detected was qualified as estimated (J)
*3	initial and or continuing calibration recoveries were outside acceptable control limits
*4	Extractable Fuel Hydrocarbon (EFH) recovery was above control limit in the blank spike only and relative percent difference for the EFH blank spike/blank spike duplicate pair exceeded the quality control (QC) limit of </-25%
*5	blank spike/blank spike duplicate relative percent difference was outside the control limit
*7	BOD results were estimated due to method derivation
*10	value was estimated detect or estimated non detect (J,UJ) due to deficiencies in quantitation of the constituent including constituents reported by the laboratory as Estimated Maximum Possible Concentration (EMPC) values
*11	no calibration was performed for this compound; result is reported as a tentatively identified compound (TIC)
ANR	analysis not required; e.g., constituent or outfall was not required by the permit to be sampled and analyzed (annual, semi-annual, etc.)
B	laboratory method blank contamination
C	calibration %RSD or %D were noncompliant
C5	Calibration verification %R was outside method control limits
D	analysis with this flag should not be used because another more technically sound analysis is available
%D	percent difference between the initial and continuing calibration relative response factors
deg F	degrees Fahrenheit
DL	detection limit
DNQ	detected but not quantified (constituent value greater than or equal to the laboratory method detection limit and less then the laboratory reporting limit)
E	duplicates show poor agreement
H	holding time was exceeded
I	ICP interference check solution results were unsatisfactory
J	estimated value
K	The sample dilution's set-up did not meet the oxygen depletion criteria of at least 2 mg/l. Therefore, the reported result is an estimated value only.
L2	the laboratory control sample %R was below the method control limits
L	laboratory control sample %R was outside control limits
LOD	limit of detection
M1	matrix spike (MS) and/or MS duplicate were above the acceptance limits due to sample matrix interference
M2	the MS and/or MS duplicate were below the acceptance limits due to sample matrix interference
M-3	Results exceeded the linear range in the MS and/or MS duplicate and therefore are not available for reporting. The batch was accepted based on acceptable recovery in the Blank Spike (LCS).
MDA	minimum detectable activity
MDL	method detection limit
MGD	million gallons per day
mg/L	milligrams per liter
ml/L/hr	milliliters per liter per hour

SECOND QUARTER 2006 REPORTING SUMMARY NOTES
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

NA	not applicable; no permit limit established for the constituent and/or outfall
ND	analyte value less than the LOD or MDL
NM	not measured or determined
NTU	nephelometric turbidity unit
pCi/L	picocurries per liter
pg/L	picograms per liter
Q	matrix spike recovery outside of control limits
R	as a validation qualifier, results are rejected; the presence or absence of analyte cannot be verified
R	(reason code in parentheses) %R for calibration not within control limits
RL	laboratory reporting limit
RL-1	reporting limit raised due to sample matrix effects
%RSD	percent relative standard deviation
S	surrogate recovery was outside control limits
TEQ	toxic equivalent
T	presumed contamination, as indicated by a detect in the trip blank
TU_c	toxicity units (chronic)
U	result not detected
µg/L	micrograms per liter
UJ	result not detected at the estimated reporting limit
umhos/cm	micromhos per centimeter
WHO TEF	World Health Organization toxic equivalency factor
^	analysis not completed due to hold time exceedence or insufficient sample volume
+	False positive – reported compound was not present. Not applicable.

OUTFALL 001 (South Slope below Perimeter Pond)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/5/2006		4/15/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
Ammonia as Nitrogen (N)	mg/L	10.1/1.96	0.84	J (*3)	ND < 0.30	U
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/20	2.6	*	3.0	*
Chloride	mg/L	150/-	8.7	*	24	*
Specific Conductivity (Lab)	umhos/cm	-/-	230	--	470	--
Surfactants (MBAS)	mg/L	0.5/-	0.13	RL-1, J* (DNQ)	0.094	J* (DNQ)
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate-N	mg/L	8.0/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	2.2	*	0.19	*
Oil & Grease	mg/L	15/10	ND < 0.89	*	1.9	J (DNQ)
Perchlorate	ug/L	6.0/-	ND < 0.80	*	ND < 0.80	*
pH (Field)	pH units	6.5-8.5/-	7.4	*	7.1	*
Total Settleable Solids	ml/L	0.3/0.1	ND < 0.10	*	ND < 0.10	*
Sulfate	mg/L	300/-	23	*	63	*
Temperature	deg. F	86/-	61	*	54	*
Total Cyanide	ug/L	8.5/4.3	ND < 2.2	*	ND < 2.2	*
Total Dissolved Solids	mg/L	950/-	160	*	250	--
Total Organic Carbon	mg/L	-/-	ANR	ANR	ANR	ANR
Total Residual Chlorine	mg/L	0.1/-	ANR	ANR	ANR	ANR
Total Suspended Solids	mg/L	45/15	35	*	36	--
Turbidity	NTU	-/-	50	--	70	--
Volume Discharged	MGD	160/-	0.6929	*	0.0286	*
METALS						
Antimony	ug/L	6.0/-	ANR	ANR	ANR	ANR
Arsenic	ug/L	10/-	ANR	ANR	ANR	ANR
Barium	mg/L	1.0/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	4.0/-	ANR	ANR	ANR	ANR
Boron	mg/L	-/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	4.0/2.0	ANR	ANR	ANR	ANR
Chromium	ug/L	16.3/8.1	ANR	ANR	ANR	ANR
Chromium VI	ug/L	16.3/8.1	ANR	ANR	ANR	ANR
Cobalt	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	14.0/7.1	4.4	--	3.4	*
Iron	mg/L	0.3/-	3.1	--	1.8	--
Lead	ug/L	5.2/2.6	4.1	--	1.8	*
Manganese	ug/L	50/-	ANR	ANR	ANR	ANR
Mercury	ug/L	0.10/0.05	ND < 0.050	*	ND < 0.050	*
Nickel	ug/L	96/35	ANR	ANR	ANR	ANR
Selenium	ug/L	8.2/4.1	ANR	ANR	ANR	ANR
Silver	ug/L	4.1/2.0	ANR	ANR	ANR	ANR
Thallium	ug/L	2.0/-	ANR	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	119/54	ANR	ANR	ANR	ANR
ORGANICS						
Benzene	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Chloroform	ug/L	-/-	ND < 0.33	U	ND < 0.33	U
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	U	ND < 0.27	U
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	U	ND < 0.28	U

OUTFALL 001 (South Slope below Perimeter Pond)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/5/2006		4/15/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
1,1-Dichloroethene	ug/L	6.0/3.2	ND < 0.42	U	ND < 0.42	U
1,4-Dioxane	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ND < 0.25	U	ND < 0.25	U
Tetrachloroethene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
Toluene	ug/L	-/-	ND < 0.36	U	ND < 0.36	U
Xylenes (Total)	ug/L	-/-	ND < 0.90	U	ND < 0.90	U
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
Trichloroethene	ug/L	5.0/-	ND < 0.26	U	ND < 0.26	U
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	U	ND < 0.34	U
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ND < 1.2	U	ANR	ANR
Vinyl Chloride	ug/L	-/-	ND < 0.26	U	ND < 0.26	U
TPH						
EFH (C13 - C22)	mg/L	-/-	ANR	ANR	ANR	ANR
GRO (C4 - C12)	mg/L	-/-	ANR	ANR	ANR	ANR
TRPH	mg/L	-/-	ANR	ANR	ANR	ANR
ADDITIONAL ANALYTES						
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	13.0/6.5	ND < 0.094	*	ND < 0.094	*
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	18.3/9.1	ND < 0.19	*	ND < 0.19	*
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR

OUTFALL 001 (South Slope below Perimeter Pond)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/5/2006		4/15/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
alpha-BHC	ug/L	0.03/0.01	ND < 0.00095	*	ND < 0.00095	*
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,I)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-	ND < 1.6	*	1.7	B, J* (DNQ)
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chronic Toxicity	TUC	1.0/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
Cyclohexane	ug/L	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR

OUTFALL 001 (South Slope below Perimeter Pond)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/5/2006		4/15/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	16.3/8.1	ND < 0.094	*	ND < 0.094	*
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	16.5/8.2	ND < 0.094	*	ND < 0.094	*
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR

OUTFALL 001 (South Slope below Perimeter Pond)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date April 5, 2006

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER		WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	3.46E-05	--		0.01	**3.46E-07**	**3.46E-07**
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.50E-05	7.03E-06	J (DNQ)		0.01	**7.03E-08**	**ND**
1,2,3,4,7,8,9-HpCDF	1.63E-06	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,7,8-HxCDD	0.00E+00	1.12E-06	ND	UJ (*10)		0.1	**ND**	**ND**
1,2,3,4,7,8-HxCDF	2.36E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDD	0.00E+00	2.50E-05	1.93E-06	J (DNQ)		0.1	**1.93E-07**	**ND**
1,2,3,6,7,8-HxCDF	1.26E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDD	1.93E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDF	9.38E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8-PeCDD	1.04E-06	2.50E-05	ND	U		1	**ND**	**ND**
1,2,3,7,8-PeCDF	9.51E-07	2.50E-05	ND	U		0.05	**ND**	**ND**
2,3,4,6,7,8-HxCDF	1.25E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
2,3,4,7,8-PeCDF	0.00E+00	2.50E-05	1.06E-06	J (DNQ)		0.5	**5.30E-07**	**ND**
2,3,7,8-TCDD	9.18E-07	5.00E-06	ND	U		1	**ND**	**ND**
2,3,7,8-TCDF	1.05E-06	5.00E-06	ND	U		0.1	**ND**	**ND**
OCDD	0.00E+00	5.00E-05	3.57E-04	--		0.0001	**3.57E-08**	**3.57E-08**
OCDF	0.00E+00	5.00E-05	1.85E-05	J (DNQ)		0.0001	**1.85E-09**	**ND**

TCDD TEQ w/ DNQ Values	**1.18E-06**	
TCDD TEQ w/out DNQ Values		**3.82E-07**

Dioxin TCDD TEQ compliance limit established for this outfall? Yes **TCDD TEQ PERMIT LIMIT = 2.80E-08**

See attached notes for abbreviations, definitions, and other explanations for the data presented in this table.

\\Uspas3s02\DEI\Rocketdyne SSFL\SSFL Permitting and Compliance\2nd Qrtr 2006 DMR\AppC.

OUTFALL 001 (South Slope below Perimeter Pond)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date April 15, 2006

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER		WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	1.06E-05	J (DNQ)		0.01	**1.06E-07**	**ND**
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.50E-05	2.27E-06	J (DNQ)		0.01	**2.27E-08**	**ND**
1,2,3,4,7,8,9-HpCDF	8.06E-07	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,7,8-HxCDD	1.48E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,4,7,8-HxCDF	5.90E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDD	1.53E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDF	5.52E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDD	1.46E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDF	4.25E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8-PeCDD	8.46E-07	2.50E-05	ND	U		1	**ND**	**ND**
1,2,3,7,8-PeCDF	9.21E-07	2.50E-05	ND	U		0.05	**ND**	**ND**
2,3,4,6,7,8-HxCDF	6.36E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
2,3,4,7,8-PeCDF	9.26E-07	2.50E-05	ND	U		0.5	**ND**	**ND**
2,3,7,8-TCDD	5.85E-07	5.00E-06	ND	U		1	**ND**	**ND**
2,3,7,8-TCDF	5.88E-07	5.00E-06	ND	U		0.1	**ND**	**ND**
OCDD	0.00E+00	5.00E-05	8.74E-05	--		0.0001	**8.74E-09**	**8.74E-09**
OCDF	0.00E+00	5.00E-05	3.74E-06	J (DNQ)		0.0001	**3.74E-10**	**ND**

TCDD TEQ w/ DNQ Values	**1.38E-07**	
TCDD TEQ w/out DNQ Values		**8.74E-09**

Dioxin TCDD TEQ compliance limit established for this outfall? Yes **TCDD TEQ PERMIT LIMIT = 2.80E-08**

See attached notes for abbreviations, definitions, and other explanations for the data presented in this table.

\\Uspas3s02\DEI\Rocketdyne SSFL\SSFL Permitting and Compliance\2nd Qrtr 2006 DMR\AppC.

OUTFALL 001 (South Slope below Perimeter Pond)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/5/2006		4/15/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**Result**	**CONCENTRATION RESULT VALIDATION QUALIFIER**	**Result**	**CONCENTRATION RESULT VALIDATION QUALIFIER**
Biochemical Oxygen Demand (BOD 5 day)	LBS/DAY	40,032/26,700	15	*	0.72	*
Chloride	LBS/DAY	200,160/-	50	*	5.7	*
Surfactants (MBAS)	LBS/DAY	667/-	0.75	RL-1, J* (DNQ)	0.022	J* (DNQ)
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	10,700/-	13	*	0.045	*
Oil & Grease	LBS/DAY	20,016/13,344	ND	*	0.45	J (DNQ)
Perchlorate	LBS/DAY	8/-	ND	*	ND	*
Sulfate	LBS/DAY	400,320/-	133	*	15	*
Total Cyanide	LBS/DAY	11.3/5.7	ND	*	ND	*
Total Dissolved Solids	LBS/DAY	1,270,000/-	925	*	60	--
Total Suspended Solids	LBS/DAY	60,048/20,016	202	*	8.6	--
METALS						
Copper	LBS/DAY	18.7/9.5	0.025	--	0.0008	*
Iron	LBS/DAY	400/-	18	--	0.43	--
Lead	LBS/DAY	6.94/3.5	0.024	--	0.0004	*
Mercury	LBS/DAY	0.13/0.07	ND	*	ND	*
ORGANICS						
1,1-Dichloroethene	LBS/DAY	8/4.3	ND	U	ND	U
Trichloroethene	LBS/DAY	6.7/-	ND	U	ND	U
ADDITIONAL ANALYTES						
2,4,6-Trichlorophenol	LBS/DAY	17/8.7	ND	*	ND	*
2,4-Dinitrotoluene	LBS/DAY	24/12	ND	*	ND	*
alpha-BHC	LBS/DAY	0.04/0.013	ND	*	ND	*
bis (2-ethylhexyl) Phthalate	LBS/DAY	5.3/-	ND	*	0.0004	B, J* (DNQ)
n-Nitrosodimethylamine	LBS/DAY	21.8/10.8	ND	*	ND	*
Pentachlorophenol	LBS/DAY	22/10.9	ND	*	ND	*
TCDD TEQ_NoDNQ	LBS/DAY	3.7E-08/1.9E-08	2.21E-09	*	2.08E-12	*

See attached notes for abbreviations, definitions and other explanations for the data presented.

\\Uspas3s02\DEI\Rocketdyne SSFL\SSFL Permitting and Compliance\2nd Qrtr 2006 DMR\AppC.

OUTFALL 002 (South Slope below R-2 Pond)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/4/2006		4/11/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
Ammonia as Nitrogen (N)	mg/L	10.1/1.96	1.7	--	ND < 0.30	U
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/20	3.5	*	0.75	J (DNQ)
Chloride	mg/L	150/-	15	*	31	--
Specific Conductivity (Lab)	umhos/cm	-/-	310	--	720	--
Surfactants (MBAS)	mg/L	0.5/-	0.19	RL-1, J* (DNQ)	0.061	J (DNQ)
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate-N	mg/L	8.0/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	0.44	*	ND < 0.080	U
Oil & Grease	mg/L	15/10	ND < 0.90	*	5.5	--
Perchlorate	ug/L	6.0/-	ND < 0.80	*	ND < 0.80	UJ (C)
pH (Field)	pH units	6.5-8.5/-	7.6	*	8.4	*
Total Settleable Solids	ml/L	0.3/0.1	1.0	*	ND < 0.10	U
Sulfate	mg/L	300/-	41	*	140	--
Temperature	deg. F	86/-	58	*	60	*
Total Cyanide	ug/L	8.5/4.3	ND < 2.2	*	ND < 2.2	U
Total Dissolved Solids	mg/L	950/-	190	*	430	--
Total Organic Carbon	mg/L	-/-	ANR	ANR	ANR	ANR
Total Residual Chlorine	mg/L	0.1/-	ANR	ANR	ANR	ANR
Total Suspended Solids	mg/L	45/15	170	*	ND < 10	U
Turbidity	NTU	-/-	100	--	0.91	J (DNQ)
Volume Discharged	MGD	160/-	7.6664	*	0.5492	*
METALS						
Antimony	ug/L	6.0/-	ANR	ANR	ANR	ANR
Arsenic	ug/L	10/-	ANR	ANR	ANR	ANR
Barium	mg/L	1.0/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	4.0/-	ANR	ANR	ANR	ANR
Boron	mg/L	-/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	4.0/2.0	ANR	ANR	ANR	ANR
Chromium	ug/L	16.3/8.1	ANR	ANR	ANR	ANR
Chromium VI	ug/L	16.3/8.1	ANR	ANR	ANR	ANR
Cobalt	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	14.0/7.1	7.4	--	2.3	J (I)
Iron	mg/L	0.3/-	ANR	ANR	ANR	ANR
Lead	ug/L	5.2/2.6	6.9	--	ND < 1.0	UJ (B)
Manganese	ug/L	50/-	ANR	ANR	ANR	ANR
Mercury	ug/L	0.10/0.05	0.090	J* (DNQ)	ND < 0.20	UJ ($,*3)
Nickel	ug/L	96/35	ANR	ANR	ANR	ANR
Selenium	ug/L	8.2/4.1	ANR	ANR	ANR	ANR
Silver	ug/L	4.1/2.0	ANR	ANR	ANR	ANR
Thallium	ug/L	2.0/-	ANR	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	119/54	ANR	ANR	ANR	ANR
ORGANICS						
Benzene	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U	ND < 0.28	UJ (C)
Chloroform	ug/L	-/-	ND < 0.33	U	ND < 0.33	U
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	U	ND < 0.27	U
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	U	ND < 0.28	UJ (C)

OUTFALL 002 (South Slope below R-2 Pond)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/4/2006		4/11/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
1,1-Dichloroethene	ug/L	6.0/3.2	ND < 0.42	U	ND < 0.42	U
1,4-Dioxane	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ND < 0.25	U	ND < 0.25	U
Tetrachloroethene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
Toluene	ug/L	-/-	ND < 0.36	U	ND < 0.36	U
Xylenes (Total)	ug/L	-/-	ND < 0.90	U	ND < 0.90	U
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
Trichloroethene	ug/L	5.0/-	0.86	J (DNQ)	ND < 0.26	U
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	U	ND < 0.34	UJ (C)
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ND < 1.2	U	ANR	ANR
Vinyl Chloride	ug/L	-/-	ND < 0.26	U	ND < 0.26	U
TPH						
EFH (C13 - C22)	mg/L	-/-	ANR	ANR	ANR	ANR
GRO (C4 - C12)	mg/L	-/-	ANR	ANR	ANR	ANR
TRPH	mg/L	-/-	ANR	ANR	ANR	ANR
ADDITIONAL ANALYTES						
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	13.0/6.5	ND < 0.094	*	ND < 0.095	UJ (H)
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	18.3/9.1	ND < 0.19	*	ND < 0.19	UJ (H)
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR

OUTFALL 002 (South Slope below R-2 Pond)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/4/2006		4/11/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
alpha-BHC	ug/L	0.03/0.01	ND < 0.00097	*	ND < 0.00094	UJ (C)
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,I)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-	ND < 1.6	*	ND < 1.6	UJ (H)
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chronic Toxicity	TUC	1.0/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
Cyclohexane	ug/L	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR

OUTFALL 002 (South Slope below R-2 Pond)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/4/2006		4/11/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	16.3/8.1	ND < 0.094	*	ND < 0.095	UJ (H)
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	16.5/8.2	ND < 0.094	*	ND < 0.095	UJ (H)
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR

OUTFALL 002 (South Slope below R-2 Pond)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date April 4, 2006

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER		WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	1.79E-04	--		0.01	**1.79E-06**	**1.79E-06**
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.50E-05	3.30E-05	--		0.01	**3.30E-07**	**3.30E-07**
1,2,3,4,7,8,9-HpCDF	0.00E+00	2.50E-05	2.59E-06	J (DNQ)		0.01	**2.59E-08**	**ND**
1,2,3,4,7,8-HxCDD	0.00E+00	2.50E-05	2.99E-06	J (DNQ)		0.1	**2.99E-07**	**ND**
1,2,3,4,7,8-HxCDF	0.00E+00	2.50E-05	1.47E-06	J (DNQ)		0.1	**1.47E-07**	**ND**
1,2,3,6,7,8-HxCDD	0.00E+00	2.50E-05	7.21E-06	J (DNQ)		0.1	**7.21E-07**	**ND**
1,2,3,6,7,8-HxCDF	1.37E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDD	0.00E+00	2.50E-05	5.18E-06	J (DNQ)		0.1	**5.18E-07**	**ND**
1,2,3,7,8,9-HxCDF	9.13E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8-PeCDD	0.00E+00	1.15E-06	ND	UJ (*10)		1	**ND**	**ND**
1,2,3,7,8-PeCDF	1.24E-06	2.50E-05	ND	U		0.05	**ND**	**ND**
2,3,4,6,7,8-HxCDF	0.00E+00	2.50E-05	1.53E-06	J (DNQ)		0.1	**1.53E-07**	**ND**
2,3,4,7,8-PeCDF	1.04E-06	2.50E-05	ND	U		0.5	**ND**	**ND**
2,3,7,8-TCDD	7.44E-07	5.00E-06	ND	U		1	**ND**	**ND**
2,3,7,8-TCDF	0.00E+00	5.00E-06	1.21E-06	J (*10,DNQ)		0.1	**1.21E-07**	**ND**
OCDD	0.00E+00	5.00E-05	1.89E-03	--		0.0001	**1.89E-07**	**1.89E-07**
OCDF	0.00E+00	5.00E-05	1.16E-04	--		0.0001	**1.16E-08**	**1.16E-08**

TCDD TEQ w/ DNQ Values	**4.31E-06**	
TCDD TEQ w/out DNQ Values		**2.32E-06**

Dioxin TCDD TEQ compliance limit established for this outfall? Yes **TCDD TEQ PERMIT LIMIT = 2.80E-08**

See attached notes for abbreviations, definitions, and other explanations for the data presented in this table.

\\Uspas3s02\DEI\Rocketdyne SSFL\SSFL Permitting and Compliance\2nd Qrtr 2006 DMR\AppC.

OUTFALL 002 (South Slope below R-2 Pond)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date April 11, 2006

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER		WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	5.60E-06	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,6,7,8-HpCDF	1.74E-06	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,7,8,9-HpCDF	1.88E-06	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,7,8-HxCDD	2.84E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,4,7,8-HxCDF	9.88E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDD	2.82E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDF	9.85E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDD	2.72E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDF	1.53E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8-PeCDD	1.43E-06	2.50E-05	ND	U		1	**ND**	**ND**
1,2,3,7,8-PeCDF	1.93E-06	2.50E-05	ND	U		0.05	**ND**	**ND**
2,3,4,6,7,8-HxCDF	1.09E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
2,3,4,7,8-PeCDF	1.87E-06	2.50E-05	ND	U		0.5	**ND**	**ND**
2,3,7,8-TCDD	1.53E-06	5.00E-06	ND	U		1	**ND**	**ND**
2,3,7,8-TCDF	1.61E-06	5.00E-06	ND	U		0.1	**ND**	**ND**
OCDD	0.00E+00	5.00E-05	1.22E-05	J (DNQ)		0.0001	**1.22E-09**	**ND**
OCDF	4.40E-06	5.00E-05	ND	U		0.0001	**ND**	**ND**

TCDD TEQ w/ DNQ Values	**1.22E-09**	
TCDD TEQ w/out DNQ Values		**ND**

Dioxin TCDD TEQ compliance limit established for this outfall? Yes **TCDD TEQ PERMIT LIMIT = 2.80E-08**

See attached notes for abbreviations, definitions, and other explanations for the data presented in this table.

\\Uspas3s02\DEI\Rocketdyne SSFL\SSFL Permitting and Compliance\2nd Qrtr 2006 DMR\AppC.

OUTFALL 002 (South Slope below R-2 Pond)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

May 1 through May 31, 2006

			5/11/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Ammonia as Nitrogen (N)	mg/L	10.1/1.96	0.84	--
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/20	1.0	J* (DNQ)
Chloride	mg/L	150/-	49	*
Specific Conductivity (Lab)	umhos/cm	-/-	1100	--
Surfactants (MBAS)	mg/L	0.5/-	0.048	J* (DNQ)
Fluoride	mg/L	1.6/-	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	ND < 0.080	*
Nitrate as Nitrogen (N)	mg/L	8.0/-	ND < 0.080	*
Nitrite-N	mg/L	1.0/-	ND < 0.080	*
Oil & Grease	mg/L	15/10	ND < 0.89	*
Perchlorate	ug/L	6.0/-	ND < 0.80	*
pH (Field)	pH units	6.5-8.5/-	8.00	*
Total Settleable Solids	ml/L	0.3/0.1	ND < 0.10	*
Sulfate	mg/L	300/-	270	*
Temperature	deg. F	86/-	83.0	*
Total Cyanide	ug/L	8.5/4.3	ND < 2.2	*
Total Dissolved Solids	mg/L	950/-	700	*
Total Organic Carbon	mg/L	-/-	ANR	ANR
Total Residual Chlorine	mg/L	0.1/-	ANR	ANR
Total Suspended Solids	mg/L	45/15	ND < 10	*
Turbidity	NTU	-/-	0.57	J (DNQ)
Volume Discharged	MGD	160/-	0.2402	*
METALS				
Antimony	ug/L	6.0/-	ANR	ANR
Arsenic	ug/L	10/-	ANR	ANR
Barium	mg/L	1.0/-	ANR	ANR
Beryllium	ug/L	4.0/-	ANR	ANR
Boron	mg/L	-/-	ANR	ANR
Cadmium	ug/L	3.1/2.0	ND < 0.025	U
Chromium	ug/L	16.3/8.1	ANR	ANR
Chromium VI	ug/L	16.3/8.1	ANR	ANR
Cobalt	ug/L	-/-	ANR	ANR
Copper	ug/L	14.0/7.1	1.2	J (DNQ)
Iron	mg/L	0.3/-	ANR	ANR
Lead	ug/L	5.2/2.6	12	--
Manganese	ug/L	50/-	ANR	ANR
Mercury	ug/L	0.10/0.05	ND < 0.050	*

OUTFALL 002 (South Slope below R-2 Pond)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

May 1 through May 31, 2006

			5/11/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Nickel	ug/L	96/35	ANR	ANR
Selenium	ug/L	8.2/4.1	0.32	J (DNQ)
Silver	ug/L	4.1/2.0	ANR	ANR
Thallium	ug/L	2.0/-	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR
Zinc	ug/L	119/54	ND < 15	*
ORGANICS				
Benzene	ug/L	-/-	ND < 0.28	U
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	UJ (C)
Chloroform	ug/L	-/-	ND < 0.33	U
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	U
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	UJ (C)
1,1-Dichloroethene	ug/L	6.0/3.2	ND < 0.42	U
1,4-Dioxane	ug/L	-/-	ANR	ANR
Ethylbenzene	ug/L	-/-	ND < 0.25	U
Tetrachloroethene	ug/L	-/-	ND < 0.32	U
Toluene	ug/L	-/-	ND < 0.36	U
Xylenes (Total)	ug/L	-/-	ND < 0.90	U
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U
Trichloroethene	ug/L	5.0/-	ND < 0.26	U
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	U
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR
Vinyl Chloride	ug/L	-/-	ND < 0.26	U
TPH				
EFH (C13 - C22)	mg/L	-/-	ANR	ANR
GRO (C4 - C12)	mg/L	-/-	ANR	ANR
TRPH	mg/L	-/-	ANR	ANR
ADDITIONAL ANALYTES				
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR
2,4,6-Trichlorophenol	ug/L	13.0/6.5	ND < 0.095	*

OUTFALL 002 (South Slope below R-2 Pond)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

May 1 through May 31, 2006

			5/11/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR
2,4-Dinitrotoluene	ug/L	18.3/9.1	0.23	J* (DNQ)
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR
alpha-BHC	ug/L	0.03/0.01	ND < 0.00094	*
Anthracene	ug/L	-/-	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR
Benzo(g,h,I)perylene	ug/L	-/-	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR

OUTFALL 002 (South Slope below R-2 Pond)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

May 1 through May 31, 2006

			5/11/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
beta-BHC	ug/L	-/-	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-	2.0	J* (DNQ)
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR
Chronic Toxicity	TUC	1.0/-	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR
cis-1,2-Dichloroethene	ug/L	-/-	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR
Cyclohexane	ug/L	-/-	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR

OUTFALL 002 (South Slope below R-2 Pond)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

May 1 through May 31, 2006

			5/11/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Hexachloroethane	ug/L	-/-	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR
n-Nitrosodimethylamine	ug/L	16.3/8.1	ND < 0.095	*
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR
Pentachlorophenol	ug/L	16.5/8.2	ND < 0.095	*
Phenanthrene	ug/L	-/-	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR

OUTFALL 002 (South Slope below R-2 Pond)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date May 11, 2006

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER		WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	4.76E-06	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,6,7,8-HpCDF	1.21E-06	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,7,8,9-HpCDF	1.35E-06	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,7,8-HxCDD	2.23E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,4,7,8-HxCDF	7.79E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDD	2.19E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDF	7.35E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDD	2.13E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDF	1.12E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8-PeCDD	9.17E-07	2.50E-05	ND	U		1	**ND**	**ND**
1,2,3,7,8-PeCDF	1.49E-06	2.50E-05	ND	U		0.05	**ND**	**ND**
2,3,4,6,7,8-HxCDF	8.32E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
2,3,4,7,8-PeCDF	1.46E-06	2.50E-05	ND	U		0.5	**ND**	**ND**
2,3,7,8-TCDD	1.91E-06	5.00E-06	ND	U		1	**ND**	**ND**
2,3,7,8-TCDF	1.73E-06	5.00E-06	ND	U		0.1	**ND**	**ND**
OCDD	0.00E+00	5.00E-05	3.95E-06	J (DNQ)		0.0001	**3.95E-10**	**ND**
OCDF	2.81E-06	5.00E-05	ND	U		0.0001	**ND**	**ND**

TCDD TEQ w/ DNQ Values	**3.95E-10**	
TCDD TEQ w/out DNQ Values		**ND**

Dioxin TCDD TEQ compliance limit established for this outfall? Yes **TCDD TEQ PERMIT LIMIT = 2.80E-08**

See attached notes for abbreviations, definitions, and other explanations for the data presented in this table.

\\Uspas3s02\DEI\Rocketdyne SSFL\SSFL Permitting and Compliance\2nd Qrtr 2006 DMR\AppC.

OUTFALL 002 (South Slope below R-2 Pond)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/4/2006		4/11/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**Result**	**CONCENTRATION RESULT VALIDATION QUALIFIER**	**Result**	**CONCENTRATION RESULT VALIDATION QUALIFIER**
Biochemical Oxygen Demand (BOD 5 day)	LBS/DAY	40,032/26,700	224	*	3.4	J (DNQ)
Chloride	LBS/DAY	200,160/-	959	*	142	--
Surfactants (MBAS)	LBS/DAY	667/-	12	RL-1, J* (DNQ)	0.28	J (DNQ)
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	10,700/-	28	*	ND	U
Oil & Grease	LBS/DAY	20,016/13,344	ND	*	25	--
Perchlorate	LBS/DAY	8/-	ND	*	ND	UJ (C)
Sulfate	LBS/DAY	400,320/-	2621	*	641	--
Total Cyanide	LBS/DAY	11.3/5.7	ND	*	ND	U
Total Dissolved Solids	LBS/DAY	1,270,000/-	12148	*	1970	--
Total Suspended Solids	LBS/DAY	60,048/20,016	10869	*	ND	U
METALS						
Copper	LBS/DAY	18.7/9.5	0.47	--	0.011	J (I)
Lead	LBS/DAY	6.94/3.5	0.44	--	ND	UJ (B)
Mercury	LBS/DAY	0.13/0.07	0.006	J* (DNQ)	ND	UJ ($,*3)
ORGANICS						
1,1-Dichloroethene	LBS/DAY	8/4.3	ND	U	ND	U
Trichloroethene	LBS/DAY	6.7/-	0.055	J (DNQ)	ND	U
ADDITIONAL ANALYTES						
2,4,6-Trichlorophenol	LBS/DAY	17/8.7	ND	*	ND	UJ (H)
2,4-Dinitrotoluene	LBS/DAY	24/12	ND	*	ND	UJ (H)
alpha-BHC	LBS/DAY	0.04/0.013	ND	*	ND	UJ (C)
bis (2-ethylhexyl) Phthalate	LBS/DAY	5.3/-	ND	*	ND	UJ (H)
n-Nitrosodimethylamine	LBS/DAY	21.8/10.8	ND	*	ND	UJ (H)
Pentachlorophenol	LBS/DAY	22/10.9	ND	*	ND	UJ (H)
TCDD TEQ_NoDNQ	LBS/DAY	3.7E-08/1.9E-08	1.48E-07	*	ND	*

OUTFALL 002 (South Slope below R-2 Pond)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

May 1 through May 31, 2006

			5/11/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**Result**	**CONCENTRATION RESULT VALIDATION QUALIFIER**
Biochemical Oxygen Demand (BOD 5 day)	LBS/DAY	40,032/26,700	2.0	J* (DNQ)
Chloride	LBS/DAY	200,160/-	98	*
Surfactants (MBAS)	LBS/DAY	667/-	0.10	J* (DNQ)
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	10,700/-	ND	*
Oil & Grease	LBS/DAY	20,016/13,344	ND	*
Perchlorate	LBS/DAY	8/-	ND	*
Sulfate	LBS/DAY	400,320/-	541	*
Total Cyanide	LBS/DAY	11.3/5.7	ND	*
Total Dissolved Solids	LBS/DAY	1,270,000/-	1402	*
Total Suspended Solids	LBS/DAY	60,048/20,016	ND	*
METALS				
Cadmium	LBS/DAY	5.34/2.7	ND	U
Copper	LBS/DAY	18.7/9.5	0.0024	J (DNQ)
Lead	LBS/DAY	6.94/3.5	0.024	--
Mercury	LBS/DAY	0.13/0.07	ND	*
Selenium	LBS/DAY	10.9/5.5	0.0006	J (DNQ)
Zinc	LBS/DAY	159/72	ND	*
ORGANICS				
1,1-Dichloroethene	LBS/DAY	8/4.3	ND	U
Trichloroethene	LBS/DAY	6.7/-	ND	U
ADDITIONAL ANALYTES				
2,4,6-Trichlorophenol	LBS/DAY	17/8.7	ND	*
2,4-Dinitrotoluene	LBS/DAY	24/12	0.0005	J* (DNQ)
alpha-BHC	LBS/DAY	0.04/0.013	ND	*
bis (2-ethylhexyl) Phthalate	LBS/DAY	5.3/-	0.004	J* (DNQ)
n-Nitrosodimethylamine	LBS/DAY	21.8/10.8	ND	*
Pentachlorophenol	LBS/DAY	22/10.9	ND	*
TCDD TEQ_NoDNQ	LBS/DAY	3.7E-08/1.9E-08	ND	*

See attached notes for abbreviations, definitions and other explanations for the data presented.

\\Uspas3s02\DEI\Rocketdyne SSFL\SSFL Permitting and Compliance\2nd Qrtr 2006 DMR\AppC.

OUTFALL 003 (RMHF)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/4/2006		4/11/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
Chloride	mg/L	150/-	26	*	24	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	0.23	*	ND < 0.080	*
Oil & Grease	mg/L	15/-	ND < 0.90	*	1.1	J* (DNQ)
Perchlorate	ug/L	6.0/-	ANR	ANR	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	7.5	*	7.4	*
Sulfate	mg/L	250/-	59	*	48	*
Temperature	deg. F	86/-	57.4	*	56	*
Total Cyanide	ug/L	-/-	ANR	ANR	ANR	ANR
Total Dissolved Solids	mg/L	850/-	350	*	390	*
Total Suspended Solids	mg/L	-/-	ND < 10	*	ND < 10	*
Volume Discharged	MGD	17.8/-	ANR	ANR	ANR	ANR
METALS						
Aluminum	ug/L	-/-	ANR	ANR	ANR	ANR
Antimony	ug/L	6.0/-	0.28	J* (DNQ)	0.23	J* (DNQ)
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	4.0/-	ND < 0.025	*	0.030	J* (DNQ)
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	14.0/-	9.5	*	1.4	B, J* (DNQ)
Iron	mg/L	-/-	ANR	ANR	ANR	ANR
Lead	ug/L	5.2/-	0.45	J* (DNQ)	0.073	B, J* (DNQ)
Mercury	ug/L	0.13/-	0.065	J* (DNQ)	ND < 0.050	*
Nickel	ug/L	-/-	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR	ANR
Thallium	ug/L	2.0/-	ND < 0.15	*	ND < 0.15	*
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR
ORGANICS						
Benzene	ug/L	-/-	ANR	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR	ANR
ADDITIONAL ANALYTES						
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR

OUTFALL 003 (RMHF)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/4/2006		4/11/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,I)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR

OUTFALL 003 (RMHF)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/4/2006		4/11/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR

OUTFALL 003 (RMHF)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date April 4, 2006

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER		WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	2.73E-06	J (DNQ)		0.01	**2.73E-08**	**ND**
1,2,3,4,6,7,8-HpCDF	1.55E-06	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,7,8,9-HpCDF	4.30E-07	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,7,8-HxCDD	1.29E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,4,7,8-HxCDF	4.93E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDD	1.25E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDF	5.43E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDD	1.23E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDF	7.10E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8-PeCDD	6.81E-07	2.50E-05	ND	U		1	**ND**	**ND**
1,2,3,7,8-PeCDF	5.36E-07	2.50E-05	ND	U		0.05	**ND**	**ND**
2,3,4,6,7,8-HxCDF	5.11E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
2,3,4,7,8-PeCDF	4.99E-07	2.50E-05	ND	U		0.5	**ND**	**ND**
2,3,7,8-TCDD	4.65E-07	5.00E-06	ND	U		1	**ND**	**ND**
2,3,7,8-TCDF	6.65E-07	5.00E-06	ND	U		0.1	**ND**	**ND**
OCDD	0.00E+00	5.00E-05	2.00E-05	J (DNQ)		0.0001	**2.00E-09**	**ND**
OCDF	4.09E-06	5.00E-05	ND	U		0.0001	**ND**	**ND**

TCDD TEQ w/ DNQ Values	**2.93E-08**	
TCDD TEQ w/out DNQ Values		**ND**

Dioxin TCDD TEQ compliance limit established for this outfall? Yes **TCDD TEQ PERMIT LIMIT = 2.80E-08**

See attached notes for abbreviations, definitions, and other explanations for the data presented in this table.

\\Uspas3s02\DEI\Rocketdyne SSFL\SSFL Permitting and Compliance\2nd Qrtr 2006 DMR\AppC.

OUTFALL 003 (RMHF)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date April 11, 2006

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER		WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	3.77E-06	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,6,7,8-HpCDF	1.11E-06	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,7,8,9-HpCDF	1.13E-06	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,7,8-HxCDD	2.85E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,4,7,8-HxCDF	8.99E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDD	2.89E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDF	8.59E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDD	2.77E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDF	1.27E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8-PeCDD	1.23E-06	2.50E-05	ND	U		1	**ND**	**ND**
1,2,3,7,8-PeCDF	1.73E-06	2.50E-05	ND	U		0.05	**ND**	**ND**
2,3,4,6,7,8-HxCDF	9.18E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
2,3,4,7,8-PeCDF	1.65E-06	2.50E-05	ND	U		0.5	**ND**	**ND**
2,3,7,8-TCDD	8.37E-07	5.00E-06	ND	U		1	**ND**	**ND**
2,3,7,8-TCDF	1.23E-06	5.00E-06	ND	U		0.1	**ND**	**ND**
OCDD	0.00E+00	5.00E-05	1.13E-05	J (DNQ)		0.0001	**1.13E-09**	**ND**
OCDF	3.83E-06	5.00E-05	ND	U		0.0001	**ND**	**ND**

TCDD TEQ w/ DNQ Values	**1.13E-09**	
TCDD TEQ w/out DNQ Values		**ND**

Dioxin TCDD TEQ compliance limit established for this outfall? Yes **TCDD TEQ PERMIT LIMIT = 2.80E-08**

See attached notes for abbreviations, definitions, and other explanations for the data presented in this table.

\\Uspas3s02\DEI\Rocketdyne SSFL\SSFL Permitting and Compliance\2nd Qrtr 2006 DMR\AppC.

OUTFALL 003 (RMHF)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

May 1 through May 31, 2006

			5/22/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Chloride	mg/L	150/-	14	*
Fluoride	mg/L	1.6/-	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	0.32	*
Oil & Grease	mg/L	15/-	ND < 0.89	*
Perchlorate	ug/L	6.0/-	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	7.60	*
Sulfate	mg/L	250/-	23	*
Temperature	deg. F	86/-	64.0	*
Total Cyanide	ug/L	-/-	ANR	ANR
Total Dissolved Solids	mg/L	850/-	130	*
Total Suspended Solids	mg/L	-/-	ND < 10	*
Volume Discharged	MGD	17.8/-	ANR	ANR
METALS				
Aluminum	ug/L	-/-	ANR	ANR
Antimony	ug/L	6.0/-	0.60	J* (DNQ)
Antimony, dissolved	ug/L	-/-	0.88	J* (DNQ)
Arsenic	ug/L	-/-	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR
Cadmium	ug/L	4.0/-	ND < 0.025	*
Cadmium, dissolved	ug/L	-/-	ND < 0.025	*
Chromium	ug/L	-/-	ANR	ANR
Copper	ug/L	14.0/-	2.0	*
Copper, dissolved	ug/L	-/-	1.7	J* (DNQ)
Iron	mg/L	-/-	ANR	ANR
Lead	ug/L	5.2/-	0.22	J* (DNQ)
Lead, dissolved	ug/L	-/-	ND < 0.040	*
Mercury	ug/L	0.13/-	ND < 0.050	*
Mercury, dissolved	ug/L	-/-	ND < 0.050	*
Nickel	ug/L	-/-	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR
Silver	ug/L	-/-	ANR	ANR
Thallium	ug/L	2.0/-	ND < 0.15	*
Thallium, dissolved	ug/L	-/-	0.42	J* (DNQ)
Vanadium	ug/L	-/-	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR
ORGANICS				

OUTFALL 003 (RMHF)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

May 1 through May 31, 2006

			5/22/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Benzene	ug/L	-/-	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR
ADDITIONAL ANALYTES				
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR

OUTFALL 003 (RMHF)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

May 1 through May 31, 2006

			5/22/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR
Benzo(g,h,I)perylene	ug/L	-/-	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR

OUTFALL 003 (RMHF)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

May 1 through May 31, 2006

			5/22/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR

OUTFALL 003 (RMHF)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date May 22, 2006

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER		WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	4.41E-06	ND	UJ (*10)		0.01	**ND**	**ND**
1,2,3,4,6,7,8-HpCDF	0.00E+00	1.18E-06	ND	UJ (*10)		0.01	**ND**	**ND**
1,2,3,4,7,8,9-HpCDF	5.76E-07	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,7,8-HxCDD	6.75E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,4,7,8-HxCDF	4.76E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDD	7.00E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDF	4.65E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDD	6.96E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDF	7.01E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8-PeCDD	6.77E-07	2.50E-05	ND	U		1	**ND**	**ND**
1,2,3,7,8-PeCDF	5.91E-07	2.50E-05	ND	U		0.05	**ND**	**ND**
2,3,4,6,7,8-HxCDF	4.96E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
2,3,4,7,8-PeCDF	5.00E-07	2.50E-05	ND	U		0.5	**ND**	**ND**
2,3,7,8-TCDD	6.03E-07	5.00E-06	ND	U		1	**ND**	**ND**
2,3,7,8-TCDF	8.21E-07	5.00E-06	ND	U		0.1	**ND**	**ND**
OCDD	0.00E+00	5.00E-05	6.42E-05	--		0.0001	**6.42E-09**	**6.42E-09**
OCDF	0.00E+00	5.00E-05	4.02E-06	J (DNQ)		0.0001	**4.02E-10**	**ND**

TCDD TEQ w/ DNQ Values	**6.82E-09**	
TCDD TEQ w/out DNQ Values		**6.42E-09**

Dioxin TCDD TEQ compliance limit established for this outfall? Yes **TCDD TEQ PERMIT LIMIT = 2.80E-08**

See attached notes for abbreviations, definitions, and other explanations for the data presented in this table.

\\Uspas3s02\DEI\Rocketdyne SSFL\SSFL Permitting and Compliance\2nd Qrtr 2006 DMR\AppC.

OUTFALL 004 (SRE)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/4/2006		4/14/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
Chloride	mg/L	150/-	7.9	*	51	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	0.19	*	0.82	*
Oil & Grease	mg/L	15/-	ND < 0.90	*	2.8	J* (DNQ)
Perchlorate	ug/L	6.0/-	ANR	ANR	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	7.1	*	7.9	*
Sulfate	mg/L	250/-	1.9	*	22	*
Temperature	deg. F	86/-	55	*	59	*
Total Cyanide	ug/L	-/-	ANR	ANR	ANR	ANR
Total Dissolved Solids	mg/L	850/-	56	*	280	*
Total Suspended Solids	mg/L	-/-	16	*	25	*
Volume Discharged	MGD	17.8/-	ANR	ANR	ANR	ANR
METALS						
Aluminum	ug/L	-/-	ANR	ANR	ANR	ANR
Antimony	ug/L	6.0/-	0.34	J* (DNQ)	0.82	B, J* (DNQ)
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	4.0/-	ND < 0.025	*	0.23	J* (DNQ)
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	14.0/-	4.4	*	6.3	*
Iron	mg/L	-/-	ANR	ANR	ANR	ANR
Lead	ug/L	5.2/-	0.99	J* (DNQ)	1.3	*
Mercury	ug/L	0.13/-	0.14	J* (DNQ)	0.082	J* (DNQ)
Nickel	ug/L	-/-	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR	ANR
Thallium	ug/L	2.0/-	ND < 0.15	*	0.20	J* (DNQ)
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR
ORGANICS						
Benzene	ug/L	-/-	ANR	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR	ANR
ADDITIONAL ANALYTES						
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR

OUTFALL 004 (SRE)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/4/2006		4/14/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,I)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR

OUTFALL 004 (SRE)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/4/2006		4/14/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR

OUTFALL 004 (SRE)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date April 4, 2006

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER		WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	7.24E-05	--		0.01	**7.24E-07**	**7.24E-07**
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.50E-05	8.40E-06	J (DNQ)		0.01	**8.40E-08**	**ND**
1,2,3,4,7,8,9-HpCDF	1.10E-06	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,7,8-HxCDD	1.37E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,4,7,8-HxCDF	5.53E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDD	0.00E+00	2.50E-05	2.01E-06	J (DNQ)		0.1	**2.01E-07**	**ND**
1,2,3,6,7,8-HxCDF	5.72E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDD	1.91E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDF	8.16E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8-PeCDD	7.66E-07	2.50E-05	ND	U		1	**ND**	**ND**
1,2,3,7,8-PeCDF	7.29E-07	2.50E-05	ND	U		0.05	**ND**	**ND**
2,3,4,6,7,8-HxCDF	5.83E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
2,3,4,7,8-PeCDF	7.14E-07	2.50E-05	ND	U		0.5	**ND**	**ND**
2,3,7,8-TCDD	7.53E-07	5.00E-06	ND	U		1	**ND**	**ND**
2,3,7,8-TCDF	5.71E-07	5.00E-06	ND	U		0.1	**ND**	**ND**
OCDD	0.00E+00	5.00E-05	1.13E-03	--		0.0001	**1.13E-07**	**1.13E-07**
OCDF	0.00E+00	5.00E-05	3.03E-05	J (DNQ)		0.0001	**3.03E-09**	**ND**

TCDD TEQ w/ DNQ Values	**1.13E-06**	
TCDD TEQ w/out DNQ Values		**8.37E-07**

Dioxin TCDD TEQ compliance limit established for this outfall? Yes **TCDD TEQ PERMIT LIMIT = 2.80E-08**

See attached notes for abbreviations, definitions, and other explanations for the data presented in this table.

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OUTFALL 004 (SRE)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date April 14, 2006

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER		WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	6.65E-05	--		0.01	**6.65E-07**	**6.65E-07**
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.50E-05	9.56E-06	J (DNQ)		0.01	**9.56E-08**	**ND**
1,2,3,4,7,8,9-HpCDF	1.03E-06	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,7,8-HxCDD	1.04E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,4,7,8-HxCDF	5.52E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDD	0.00E+00	2.50E-05	2.98E-06	J (DNQ)		0.1	**2.98E-07**	**ND**
1,2,3,6,7,8-HxCDF	4.85E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDD	1.06E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDF	9.99E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8-PeCDD	8.65E-07	2.50E-05	ND	U		1	**ND**	**ND**
1,2,3,7,8-PeCDF	5.85E-07	2.50E-05	ND	U		0.05	**ND**	**ND**
2,3,4,6,7,8-HxCDF	6.21E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
2,3,4,7,8-PeCDF	6.22E-07	2.50E-05	ND	U		0.5	**ND**	**ND**
2,3,7,8-TCDD	4.95E-07	5.00E-06	ND	U		1	**ND**	**ND**
2,3,7,8-TCDF	7.30E-07	5.00E-06	ND	U		0.1	**ND**	**ND**
OCDD	0.00E+00	5.00E-05	9.97E-04	--		0.0001	**9.97E-08**	**9.97E-08**
OCDF	0.00E+00	5.00E-05	2.97E-05	J (DNQ)		0.0001	**2.97E-09**	**ND**

TCDD TEQ w/ DNQ Values	**1.16E-06**	
TCDD TEQ w/out DNQ Values		**7.65E-07**

Dioxin TCDD TEQ compliance limit established for this outfall? Yes **TCDD TEQ PERMIT LIMIT = 2.80E-08**

See attached notes for abbreviations, definitions, and other explanations for the data presented in this table.

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OUTFALL 004 (SRE)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

May 1 through May 31, 2006

			5/22/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Chloride	mg/L	150/-	20	--
Fluoride	mg/L	1.6/-	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	0.79	--
Oil & Grease	mg/L	15/-	ND < 0.90	U
Perchlorate	ug/L	6.0/-	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	7.10	*
Sulfate	mg/L	250/-	7.3	--
Temperature	deg. F	86/-	70.0	*
Total Cyanide	ug/L	-/-	ANR	ANR
Total Dissolved Solids	mg/L	850/-	140	--
Total Suspended Solids	mg/L	-/-	ND < 10	U
Volume Discharged	MGD	17.8/-	ANR	ANR
METALS				
Aluminum	ug/L	-/-	ANR	ANR
Antimony	ug/L	6.0/-	ND < 2.0	UJ (B)
Antimony, dissolved	ug/L	-/-	ND < 2.0	UJ (B)
Arsenic	ug/L	-/-	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR
Cadmium	ug/L	4.0/-	0.093	J (B,DNQ)
Cadmium, dissolved	ug/L	-/-	0.12	J (B,DNQ)
Chromium	ug/L	-/-	ANR	ANR
Copper	ug/L	14.0/-	4.4	--
Copper, dissolved	ug/L	-/-	1.6	J (DNQ)
Iron	mg/L	-/-	ANR	ANR
Lead	ug/L	5.2/-	0.52	J (DNQ)
Lead, dissolved	ug/L	-/-	0.14	J (B,DNQ)
Mercury	ug/L	0.13/-	0.058	J (DNQ)
Mercury, dissolved	ug/L	-/-	ND < 0.050	U
Nickel	ug/L	-/-	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR
Silver	ug/L	-/-	ANR	ANR
Thallium	ug/L	2.0/-	ND < 0.15	U
Thallium, dissolved	ug/L	-/-	ND < 0.15	U
Vanadium	ug/L	-/-	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR
ORGANICS				

OUTFALL 004 (SRE)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

May 1 through May 31, 2006

			5/22/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Benzene	ug/L	-/-	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR
ADDITIONAL ANALYTES				
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR

OUTFALL 004 (SRE)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

May 1 through May 31, 2006

			5/22/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR
Benzo(g,h,I)perylene	ug/L	-/-	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR

OUTFALL 004 (SRE)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

May 1 through May 31, 2006

			5/22/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR

OUTFALL 004 (SRE)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date May 22, 2006

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER		WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	1.67E-05	J (DNQ)		0.01	**1.67E-07**	**ND**
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.45E-06	ND	UJ (*10)		0.01	**ND**	**ND**
1,2,3,4,7,8,9-HpCDF	8.99E-07	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,7,8-HxCDD	1.10E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,4,7,8-HxCDF	7.12E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDD	1.15E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDF	6.94E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDD	1.13E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDF	1.07E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8-PeCDD	1.67E-06	2.50E-05	ND	U		1	**ND**	**ND**
1,2,3,7,8-PeCDF	8.59E-07	2.50E-05	ND	U		0.05	**ND**	**ND**
2,3,4,6,7,8-HxCDF	8.31E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
2,3,4,7,8-PeCDF	8.91E-07	2.50E-05	ND	U		0.5	**ND**	**ND**
2,3,7,8-TCDD	1.26E-06	5.00E-06	ND	U		1	**ND**	**ND**
2,3,7,8-TCDF	1.52E-06	5.00E-06	ND	U		0.1	**ND**	**ND**
OCDD	0.00E+00	5.00E-05	2.27E-04	--		0.0001	**2.27E-08**	**2.27E-08**
OCDF	0.00E+00	4.59E-06	ND	UJ (*10)		0.0001	**ND**	**ND**

TCDD TEQ w/ DNQ Values	**1.90E-07**	
TCDD TEQ w/out DNQ Values		**2.27E-08**

Dioxin TCDD TEQ compliance limit established for this outfall? Yes **TCDD TEQ PERMIT LIMIT = 2.80E-08**

See attached notes for abbreviations, definitions, and other explanations for the data presented in this table.

\\Uspas3s02\DEI\Rocketdyne SSFL\SSFL Permitting and Compliance\2nd Qrtr 2006 DMR\AppC.

OUTFALL 005 (FSDF-1)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/5/2006		4/15/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
Chloride	mg/L	150/-	33	--	20	--
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	23	--	22	--
Oil & Grease	mg/L	15/-	ND < 0.90	*	ND < 0.89	U
Perchlorate	ug/L	6.0/-	ANR	ANR	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	7.2	*	7	*
Sulfate	mg/L	250/-	24	--	14	--
Temperature	deg. F	86/-	57	*	58.1	*
Total Cyanide	ug/L	-/-	ANR	ANR	ANR	ANR
Total Dissolved Solids	mg/L	850/-	330	*	330	--
Total Suspended Solids	mg/L	-/-	33	*	130	--
Volume Discharged	MGD	17.8/-	ANR	ANR	ANR	ANR
METALS						
Aluminum	ug/L	-/-	ANR	ANR	ANR	ANR
Antimony	ug/L	6.0/-	0.36	J* (DNQ)	0.70	B, J* (DNQ)
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	4.0/-	0.058	J* (DNQ)	0.15	J* (DNQ)
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	14.0/-	5.4	*	8.7	*
Iron	mg/L	-/-	ANR	ANR	ANR	ANR
Lead	ug/L	5.2/-	1.2	*	4.9	*
Mercury	ug/L	0.13/-	ND < 0.050	*	ND < 0.050	*
Nickel	ug/L	-/-	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR	ANR
Thallium	ug/L	2.0/-	ND < 0.15	*	ND < 0.15	*
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR
ORGANICS						
Benzene	ug/L	-/-	ANR	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR	ANR
ADDITIONAL ANALYTES						
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR

OUTFALL 005 (FSDF-1)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/5/2006		4/15/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,I)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR

OUTFALL 005 (FSDF-1)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/5/2006		4/15/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR

OUTFALL 005 (FSDF-1)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date April 5, 2006

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER		WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	1.18E-05	J (DNQ)		0.01	**1.18E-07**	**ND**
1,2,3,4,6,7,8-HpCDF	2.18E-06	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,7,8,9-HpCDF	6.00E-07	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,7,8-HxCDD	2.08E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,4,7,8-HxCDF	6.16E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDD	2.06E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDF	5.91E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDD	2.00E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDF	9.30E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8-PeCDD	7.32E-07	2.50E-05	ND	U		1	**ND**	**ND**
1,2,3,7,8-PeCDF	1.11E-06	2.50E-05	ND	U		0.05	**ND**	**ND**
2,3,4,6,7,8-HxCDF	6.15E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
2,3,4,7,8-PeCDF	1.06E-06	2.50E-05	ND	U		0.5	**ND**	**ND**
2,3,7,8-TCDD	1.03E-06	5.00E-06	ND	U		1	**ND**	**ND**
2,3,7,8-TCDF	9.58E-07	5.00E-06	ND	U		0.1	**ND**	**ND**
OCDD	0.00E+00	5.00E-05	2.62E-04	--		0.0001	**2.62E-08**	**2.62E-08**
OCDF	0.00E+00	2.21E-06	ND	UJ (*10)		0.0001	**ND**	**ND**

TCDD TEQ w/ DNQ Values	**1.44E-07**	
TCDD TEQ w/out DNQ Values		**2.62E-08**

Dioxin TCDD TEQ compliance limit established for this outfall? Yes **TCDD TEQ PERMIT LIMIT = 2.80E-08**

See attached notes for abbreviations, definitions, and other explanations for the data presented in this table.

\\Uspas3s02\DEI\Rocketdyne SSFL\SSFL Permitting and Compliance\2nd Qrtr 2006 DMR\AppC.

OUTFALL 005 (FSDF-1)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date April 15, 2006

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER		WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	2.78E-05	--		0.01	**2.78E-07**	**2.78E-07**
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.50E-05	1.91E-06	J (DNQ)		0.01	**1.91E-08**	**ND**
1,2,3,4,7,8,9-HpCDF	9.26E-07	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,7,8-HxCDD	1.21E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,4,7,8-HxCDF	6.44E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDD	1.77E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDF	5.63E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDD	1.67E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDF	9.94E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8-PeCDD	7.57E-07	2.50E-05	ND	U		1	**ND**	**ND**
1,2,3,7,8-PeCDF	9.19E-07	2.50E-05	ND	U		0.05	**ND**	**ND**
2,3,4,6,7,8-HxCDF	6.71E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
2,3,4,7,8-PeCDF	9.34E-07	2.50E-05	ND	U		0.5	**ND**	**ND**
2,3,7,8-TCDD	6.12E-07	5.00E-06	ND	U		1	**ND**	**ND**
2,3,7,8-TCDF	7.17E-07	5.00E-06	ND	U		0.1	**ND**	**ND**
OCDD	0.00E+00	5.00E-05	5.98E-04	--		0.0001	**5.98E-08**	**5.98E-08**
OCDF	0.00E+00	4.10E-06	ND	UJ (*10)		0.0001	**ND**	**ND**

TCDD TEQ w/ DNQ Values	**3.57E-07**	
TCDD TEQ w/out DNQ Values		**3.38E-07**

Dioxin TCDD TEQ compliance limit established for this outfall? Yes **TCDD TEQ PERMIT LIMIT = 2.80E-08**

See attached notes for abbreviations, definitions, and other explanations for the data presented in this table.

\\Uspas3s02\DEI\Rocketdyne SSFL\SSFL Permitting and Compliance\2nd Qrtr 2006 DMR\AppC.

OUTFALL 006 (FSDF-2)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/5/2006		4/15/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
Chloride	mg/L	150/-	6.1	*	7.2	--
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	1.2	*	1.1	--
Oil & Grease	mg/L	15/-	ND < 0.89	*	ND < 0.89	U
Perchlorate	ug/L	6.0/-	ANR	ANR	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	7.4	*	7.4	*
Sulfate	mg/L	250/-	3.3	*	7.4	--
Temperature	deg. F	86/-	57	*	57	*
Total Cyanide	ug/L	-/-	ANR	ANR	ANR	ANR
Total Dissolved Solids	mg/L	850/-	150	*	140	--
Total Suspended Solids	mg/L	-/-	ND < 10	*	ND < 10	U
Volume Discharged	MGD	17.8/-	ANR	ANR	0	ANR
METALS						
Aluminum	ug/L	-/-	ANR	ANR	ANR	ANR
Antimony	ug/L	6.0/-	0.40	J* (DNQ)	1.0	J (DNQ)
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	4.0/-	0.029	J* (DNQ)	0.029	J (DNQ,*3)
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	14.0/-	2.3	*	0.65	J (DNQ)
Iron	mg/L	-/-	ANR	ANR	ANR	ANR
Lead	ug/L	5.2/-	0.62	J* (DNQ)	0.40	J (DNQ,*3)
Mercury	ug/L	0.13/-	ND < 0.050	*	ND < 0.050	U
Nickel	ug/L	-/-	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR	ANR
Thallium	ug/L	2.0/-	ND < 0.15	*	ND < 0.15	U
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR
ORGANICS						
Benzene	ug/L	-/-	ANR	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR	ANR
ADDITIONAL ANALYTES						
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR

OUTFALL 006 (FSDF-2)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/5/2006		4/15/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,I)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR

OUTFALL 006 (FSDF-2)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/5/2006		4/15/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR

OUTFALL 006 (FSDF-2)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date April 5, 2006

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER		WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	4.97E-06	J (DNQ)		0.01	**4.97E-08**	**ND**
1,2,3,4,6,7,8-HpCDF	7.75E-07	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,7,8,9-HpCDF	4.89E-07	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,7,8-HxCDD	7.85E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,4,7,8-HxCDF	4.15E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDD	7.96E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDF	3.98E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDD	7.63E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDF	6.01E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8-PeCDD	8.39E-07	2.50E-05	ND	U		1	**ND**	**ND**
1,2,3,7,8-PeCDF	7.86E-07	2.50E-05	ND	U		0.05	**ND**	**ND**
2,3,4,6,7,8-HxCDF	4.02E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
2,3,4,7,8-PeCDF	7.54E-07	2.50E-05	ND	U		0.5	**ND**	**ND**
2,3,7,8-TCDD	7.99E-07	5.00E-06	ND	U		1	**ND**	**ND**
2,3,7,8-TCDF	6.52E-07	5.00E-06	ND	U		0.1	**ND**	**ND**
OCDD	0.00E+00	5.00E-05	7.30E-05	--		0.0001	**7.30E-09**	**7.30E-09**
OCDF	3.04E-06	5.00E-05	ND	U		0.0001	**ND**	**ND**

TCDD TEQ w/ DNQ Values	**5.70E-08**	
TCDD TEQ w/out DNQ Values		**7.30E-09**

Dioxin TCDD TEQ compliance limit established for this outfall? Yes **TCDD TEQ PERMIT LIMIT = 2.80E-08**

See attached notes for abbreviations, definitions, and other explanations for the data presented in this table.

\\Uspas3s02\DEI\Rocketdyne SSFL\SSFL Permitting and Compliance\2nd Qrtr 2006 DMR\AppC.

OUTFALL 006 (FSDF-2)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date April 15, 2006

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER		WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	2.48E-06	J (DNQ)		0.01	**2.48E-08**	**ND**
1,2,3,4,6,7,8-HpCDF	6.01E-07	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,7,8,9-HpCDF	6.61E-07	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,7,8-HxCDD	1.26E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,4,7,8-HxCDF	4.17E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDD	1.36E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDF	3.66E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDD	1.27E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDF	6.28E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8-PeCDD	4.88E-07	2.50E-05	ND	U		1	**ND**	**ND**
1,2,3,7,8-PeCDF	6.21E-07	2.50E-05	ND	U		0.05	**ND**	**ND**
2,3,4,6,7,8-HxCDF	4.36E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
2,3,4,7,8-PeCDF	5.93E-07	2.50E-05	ND	U		0.5	**ND**	**ND**
2,3,7,8-TCDD	6.36E-07	5.00E-06	ND	U		1	**ND**	**ND**
2,3,7,8-TCDF	4.83E-07	5.00E-06	ND	U		0.1	**ND**	**ND**
OCDD	0.00E+00	5.00E-05	3.71E-05	J (DNQ)		0.0001	**3.71E-09**	**ND**
OCDF	3.49E-06	5.00E-05	ND	U		0.0001	**ND**	**ND**

TCDD TEQ w/ DNQ Values	**2.85E-08**	
TCDD TEQ w/out DNQ Values	**ND**	**ND**

Dioxin TCDD TEQ compliance limit established for this outfall? Yes **TCDD TEQ PERMIT LIMIT = 2.80E-08**

See attached notes for abbreviations, definitions, and other explanations for the data presented in this table.

\\Uspas3s02\DEI\Rocketdyne SSFL\SSFL Permitting and Compliance\2nd Qrtr 2006 DMR\AppC.

OUTFALL 006 (FSDF-2)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

May 1 through May 31, 2006

			5/22/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Chloride	mg/L	150/-	12	*
Fluoride	mg/L	1.6/-	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	3.7	*
Oil & Grease	mg/L	15/-	ND < 0.90	*
Perchlorate	ug/L	6.0/-	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	7.40	*
Sulfate	mg/L	250/-	15	*
Temperature	deg. F	86/-	65.0	*
Total Cyanide	ug/L	-/-	ANR	ANR
Total Dissolved Solids	mg/L	850/-	190	*
Total Suspended Solids	mg/L	-/-	10	*
Volume Discharged	MGD	17.8/-	ANR	ANR
METALS				
Aluminum	ug/L	-/-	ANR	ANR
Antimony	ug/L	6.0/-	0.68	J* (DNQ)
Antimony, dissolved	ug/L	-/-	0.84	J* (DNQ)
Arsenic	ug/L	-/-	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR
Cadmium	ug/L	4.0/-	ND < 0.025	*
Cadmium, dissolved	ug/L	-/-	ND < 0.025	*
Chromium	ug/L	-/-	ANR	ANR
Copper	ug/L	14.0/-	2.1	*
Copper, dissolved	ug/L	-/-	1.2	J* (DNQ)
Iron	mg/L	-/-	ANR	ANR
Lead	ug/L	5.2/-	0.52	J* (DNQ)
Lead, dissolved	ug/L	-/-	ND < 0.040	*
Mercury	ug/L	0.13/-	ND < 0.050	*
Mercury, dissolved	ug/L	-/-	ND < 0.050	*
Nickel	ug/L	-/-	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR
Silver	ug/L	-/-	ANR	ANR
Thallium	ug/L	2.0/-	ND < 0.15	*
Thallium, dissolved	ug/L	-/-	ND < 0.15	*
Vanadium	ug/L	-/-	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR
ORGANICS				

OUTFALL 006 (FSDF-2)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

May 1 through May 31, 2006

			5/22/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Benzene	ug/L	-/-	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR
ADDITIONAL ANALYTES				
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR

OUTFALL 006 (FSDF-2)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

May 1 through May 31, 2006

			5/22/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR
Benzo(g,h,I)perylene	ug/L	-/-	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR

OUTFALL 006 (FSDF-2)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

May 1 through May 31, 2006

			5/22/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR

OUTFALL 006 (FSDF-2)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date May 22, 2006

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER		WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	5.03E-06	J (DNQ)		0.01	**5.03E-08**	**ND**
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.50E-05	1.06E-06	J (DNQ)		0.01	**1.06E-08**	**ND**
1,2,3,4,7,8,9-HpCDF	6.90E-07	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,7,8-HxCDD	9.49E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,4,7,8-HxCDF	4.61E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDD	1.03E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDF	4.48E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDD	1.00E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDF	6.87E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8-PeCDD	1.01E-06	2.50E-05	ND	U		1	**ND**	**ND**
1,2,3,7,8-PeCDF	8.23E-07	2.50E-05	ND	U		0.05	**ND**	**ND**
2,3,4,6,7,8-HxCDF	5.12E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
2,3,4,7,8-PeCDF	7.63E-07	2.50E-05	ND	U		0.5	**ND**	**ND**
2,3,7,8-TCDD	8.83E-07	5.00E-06	ND	U		1	**ND**	**ND**
2,3,7,8-TCDF	1.01E-06	5.00E-06	ND	U		0.1	**ND**	**ND**
OCDD	0.00E+00	5.00E-05	7.75E-05	--		0.0001	**7.75E-09**	**7.75E-09**
OCDF	2.03E-06	5.00E-05	ND	U		0.0001	**ND**	**ND**

TCDD TEQ w/ DNQ Values	**6.87E-08**	
TCDD TEQ w/out DNQ Values		**7.75E-09**

Dioxin TCDD TEQ compliance limit established for this outfall? Yes **TCDD TEQ PERMIT LIMIT = 2.80E-08**

See attached notes for abbreviations, definitions, and other explanations for the data presented in this table.

\\Uspas3s02\DEI\Rocketdyne SSFL\SSFL Permitting and Compliance\2nd Qrtr 2006 DMR\AppC.

OUTFALL 007 (Building 100)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/5/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Chloride	mg/L	150/-	3.2	*
Fluoride	mg/L	1.6/-	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	0.15	*
Oil & Grease	mg/L	15/-	ND < 0.90	*
Perchlorate	ug/L	6.0/-	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	6.9	*
Sulfate	mg/L	250/-	2.3	*
Temperature	deg. F	86/-	58	*
Total Cyanide	ug/L	-/-	ANR	ANR
Total Dissolved Solids	mg/L	850/-	130	*
Total Suspended Solids	mg/L	-/-	360	*
Volume Discharged	MGD	17.8/-	ANR	ANR
METALS				
Aluminum	ug/L	-/-	ANR	ANR
Antimony	ug/L	6.0/-	1.1	J (DNQ)
Arsenic	ug/L	-/-	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR
Cadmium	ug/L	4.0/-	0.38	J (DNQ)
Chromium	ug/L	-/-	ANR	ANR
Copper	ug/L	14.0/-	25	--
Iron	mg/L	-/-	ANR	ANR
Lead	ug/L	5.2/-	18	--
Mercury	ug/L	0.13/-	0.058	J* (DNQ)
Nickel	ug/L	-/-	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR
Silver	ug/L	-/-	ANR	ANR
Thallium	ug/L	2.0/-	0.34	J (DNQ)
Vanadium	ug/L	-/-	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR
ORGANICS				
Benzene	ug/L	-/-	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR

OUTFALL 007 (Building 100)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/5/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Ethylbenzene	ug/L	-/-	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR
ADDITIONAL ANALYTES				
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR

OUTFALL 007 (Building 100)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/5/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Acrylonitrile	ug/L	-/-	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR
Benzo(g,h,I)perylene	ug/L	-/-	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR

OUTFALL 007 (Building 100)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/5/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Dimethylphthalate	ug/L	-/-	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR

OUTFALL 007 (Building 100)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date April 5, 2006

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER		WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	6.93E-05	--		0.01	**6.93E-07**	**6.93E-07**
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.50E-05	6.21E-06	J (DNQ)		0.01	**6.21E-08**	**ND**
1,2,3,4,7,8,9-HpCDF	1.42E-06	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,7,8-HxCDD	2.35E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,4,7,8-HxCDF	1.10E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDD	0.00E+00	2.50E-05	2.83E-06	J (DNQ)		0.1	**2.83E-07**	**ND**
1,2,3,6,7,8-HxCDF	1.20E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDD	0.00E+00	2.50E-05	2.85E-06	J (DNQ)		0.1	**2.85E-07**	**ND**
1,2,3,7,8,9-HxCDF	1.59E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8-PeCDD	1.64E-06	2.50E-05	ND	U		1	**ND**	**ND**
1,2,3,7,8-PeCDF	1.05E-06	2.50E-05	ND	U		0.05	**ND**	**ND**
2,3,4,6,7,8-HxCDF	1.10E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
2,3,4,7,8-PeCDF	9.66E-07	2.50E-05	ND	U		0.5	**ND**	**ND**
2,3,7,8-TCDD	9.77E-07	5.00E-06	ND	U		1	**ND**	**ND**
2,3,7,8-TCDF	8.79E-07	5.00E-06	ND	U		0.1	**ND**	**ND**
OCDD	0.00E+00	5.00E-05	7.58E-04	--		0.0001	**7.58E-08**	**7.58E-08**
OCDF	0.00E+00	5.00E-05	1.50E-05	J (DNQ)		0.0001	**1.50E-09**	**ND**

TCDD TEQ w/ DNQ Values	**1.40E-06**	
TCDD TEQ w/out DNQ Values		**7.69E-07**

Dioxin TCDD TEQ compliance limit established for this outfall? Yes **TCDD TEQ PERMIT LIMIT = 2.80E-08**

See attached notes for abbreviations, definitions, and other explanations for the data presented in this table.

\\Uspas3s02\DEI\Rocketdyne SSFL\SSFL Permitting and Compliance\2nd Qrtr 2006 DMR\AppC.

OUTFALL 008 (Happy Valley Drainage)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/5/2006		4/15/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
Ammonia as Nitrogen (N)	mg/L	10.1/1.96	ANR	ANR	ANR	ANR
Chloride	mg/L	150/-	6.8	*	6.1	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate-N	mg/L	8.0/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	3.9	*	2.8	*
Oil & Grease	mg/L	15/-	1.1	J* (DNQ)	ND < 0.89	*
Perchlorate	ug/L	6.0/-	1.4	B, J* (DNQ)	ND < 0.80	*
pH (Field)	pH units	6.5-8.5/-	7.1	*	6.7	*
Sulfate	mg/L	300/-	14	*	14	*
Temperature	deg. F	86/-	54	*	58	*
Total Cyanide	ug/L	-/-	ANR	ANR	ANR	ANR
Total Dissolved Solids	mg/L	950/-	170	*	140	*
Total Suspended Solids	mg/L	-/-	46	*	130	*
Volume Discharged	MGD	17.8/-	ANR	ANR	ANR	ANR
METALS						
Aluminum	ug/L	-/-	ANR	ANR	ANR	ANR
Antimony	ug/L	6.0/-	0.31	J* (DNQ)	ND < 2.0	UJ (B)
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	4.0/-	0.045	J* (DNQ)	0.16	J (*3,DNQ)
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	14.0/-	3.4	*	7.6	--
Iron	mg/L	-/-	ANR	ANR	ANR	ANR
Lead	ug/L	5.2/-	3.0	*	18	--
Mercury	ug/L	0.13/-	ND < 0.050	*	ND < 0.050	U
Nickel	ug/L	-/-	ANR	ANR	ANR	ANR
Selenium	ug/L	5/-	ANR	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR	ANR
Thallium	ug/L	2.0/-	ND < 0.15	*	ND < 0.15	U
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	159/-	ANR	ANR	ANR	ANR
ORGANICS						
Benzene	ug/L	-/-	ANR	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR	ANR
ADDITIONAL ANALYTES						
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR

OUTFALL 008 (Happy Valley Drainage)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/5/2006		4/15/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,I)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR

OUTFALL 008 (Happy Valley Drainage)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/5/2006		4/15/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR

OUTFALL 008 (Happy Valley Drainage)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date April 5, 2006

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER		WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	3.23E-06	J (DNQ)		0.01	**3.23E-08**	**ND**
1,2,3,4,6,7,8-HpCDF	3.24E-06	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,7,8,9-HpCDF	5.67E-07	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,7,8-HxCDD	1.21E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,4,7,8-HxCDF	4.30E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDD	1.24E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDF	4.44E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDD	1.18E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDF	6.83E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8-PeCDD	6.36E-07	2.50E-05	ND	U		1	**ND**	**ND**
1,2,3,7,8-PeCDF	6.65E-07	2.50E-05	ND	U		0.05	**ND**	**ND**
2,3,4,6,7,8-HxCDF	4.76E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
2,3,4,7,8-PeCDF	6.61E-07	2.50E-05	ND	U		0.5	**ND**	**ND**
2,3,7,8-TCDD	6.65E-07	5.00E-06	ND	U		1	**ND**	**ND**
2,3,7,8-TCDF	7.36E-07	5.00E-06	ND	U		0.1	**ND**	**ND**
OCDD	0.00E+00	5.00E-05	3.66E-05	J (DNQ)		0.0001	**3.66E-09**	**ND**
OCDF	0.00E+00	5.00E-05	3.11E-06	J (DNQ)		0.0001	**3.11E-10**	**ND**

TCDD TEQ w/ DNQ Values	**3.63E-08**	
TCDD TEQ w/out DNQ Values		**ND**

Dioxin TCDD TEQ compliance limit established for this outfall? Yes **TCDD TEQ PERMIT LIMIT = 2.80E-08**

See attached notes for abbreviations, definitions, and other explanations for the data presented in this table.

\\Uspas3s02\DEI\Rocketdyne SSFL\SSFL Permitting and Compliance\2nd Qrtr 2006 DMR\AppC.

OUTFALL 008 (Happy Valley Drainage)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date April 15, 2006

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER		WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	6.40E-06	J (DNQ)		0.01	**6.40E-08**	**ND**
1,2,3,4,6,7,8-HpCDF	0.00E+00	1.63E-06	ND	UJ (*10)		0.01	**ND**	**ND**
1,2,3,4,7,8,9-HpCDF	4.74E-07	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,7,8-HxCDD	1.98E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,4,7,8-HxCDF	9.68E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDD	2.08E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDF	9.21E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDD	1.96E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDF	9.59E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8-PeCDD	9.53E-07	2.50E-05	ND	U		1	**ND**	**ND**
1,2,3,7,8-PeCDF	1.08E-06	2.50E-05	ND	U		0.05	**ND**	**ND**
2,3,4,6,7,8-HxCDF	7.33E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
2,3,4,7,8-PeCDF	1.07E-06	2.50E-05	ND	U		0.5	**ND**	**ND**
2,3,7,8-TCDD	7.92E-07	5.00E-06	ND	U		1	**ND**	**ND**
2,3,7,8-TCDF	7.49E-07	5.00E-06	ND	U		0.1	**ND**	**ND**
OCDD	0.00E+00	5.00E-05	3.67E-05	J (DNQ)		0.0001	**3.67E-09**	**ND**
OCDF	0.00E+00	5.00E-05	3.04E-06	J (DNQ)		0.0001	**3.04E-10**	**ND**

TCDD TEQ w/ DNQ Values	**6.80E-08**	
TCDD TEQ w/out DNQ Values		**ND**

Dioxin TCDD TEQ compliance limit established for this outfall? Yes **TCDD TEQ PERMIT LIMIT = 2.80E-08**

See attached notes for abbreviations, definitions, and other explanations for the data presented in this table.

\\Uspas3s02\DEI\Rocketdyne SSFL\SSFL Permitting and Compliance\2nd Qrtr 2006 DMR\AppC.

OUTFALL 009 (WS-13 Drainage)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/4/2006		4/11/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
Chloride	mg/L	150/-	2.4	*	13	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	0.71	*	2.6	*
Oil & Grease	mg/L	15/-	ND < 0.90	*	ND < 0.89	*
Perchlorate	ug/L	6.0/-	ANR	ANR	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	7.2	*	7.3	*
Sulfate	mg/L	250/-	6.4	*	49	*
Temperature	deg. F	86/-	55.2	*	57	*
Total Cyanide	ug/L	-/-	ANR	ANR	ANR	ANR
Total Dissolved Solids	mg/L	850/-	67	*	230	*
Total Suspended Solids	mg/L	-/-	490	*	ND < 10	*
Volume Discharged	MGD	17.8/-	ANR	ANR	ANR	ANR
METALS						
Aluminum	ug/L	-/-	ANR	ANR	ANR	ANR
Antimony	ug/L	6.0/-	1.2	J (DNQ)	0.77	J* (DNQ)
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	4.0/-	1.2	--	0.043	J* (DNQ)
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	14.0/-	26	--	2.6	B*
Iron	mg/L	-/-	ANR	ANR	ANR	ANR
Lead	ug/L	5.2/-	64	--	0.082	B, J* (DNQ)
Mercury	ug/L	0.13/-	0.11	J* (DNQ)	ND < 0.050	*
Nickel	ug/L	-/-	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR	ANR
Thallium	ug/L	2.0/-	0.41	J (DNQ)	ND < 0.15	*
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR
ORGANICS						
Benzene	ug/L	-/-	ANR	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR	ANR
ADDITIONAL ANALYTES						
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR

OUTFALL 009 (WS-13 Drainage)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/4/2006		4/11/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,I)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR

OUTFALL 009 (WS-13 Drainage)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/4/2006		4/11/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR

OUTFALL 009 (WS-13 Drainage)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date April 4, 2006

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER		WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	8.00E-04	--		0.01	**8.00E-06**	**8.00E-06**
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.50E-05	1.65E-04	--		0.01	**1.65E-06**	**1.65E-06**
1,2,3,4,7,8,9-HpCDF	0.00E+00	2.50E-05	1.19E-05	J (DNQ)		0.01	**1.19E-07**	**ND**
1,2,3,4,7,8-HxCDD	0.00E+00	2.50E-05	1.42E-05	J (DNQ)		0.1	**1.42E-06**	**ND**
1,2,3,4,7,8-HxCDF	0.00E+00	2.50E-05	8.30E-06	J (DNQ)		0.1	**8.30E-07**	**ND**
1,2,3,6,7,8-HxCDD	0.00E+00	2.50E-05	3.28E-05	--		0.1	**3.28E-06**	**3.28E-06**
1,2,3,6,7,8-HxCDF	0.00E+00	2.50E-05	7.03E-06	J (DNQ)		0.1	**7.03E-07**	**ND**
1,2,3,7,8,9-HxCDD	0.00E+00	2.50E-05	2.70E-05	--		0.1	**2.70E-06**	**2.70E-06**
1,2,3,7,8,9-HxCDF	0.00E+00	2.50E-05	1.72E-06	J (DNQ)		0.1	**1.72E-07**	**ND**
1,2,3,7,8-PeCDD	0.00E+00	2.50E-05	7.93E-06	J (DNQ)		1	**7.93E-06**	**ND**
1,2,3,7,8-PeCDF	0.00E+00	2.50E-05	5.49E-06	J (DNQ)		0.05	**2.75E-07**	**ND**
2,3,4,6,7,8-HxCDF	0.00E+00	2.50E-05	8.29E-06	J (DNQ)		0.1	**8.29E-07**	**ND**
2,3,4,7,8-PeCDF	0.00E+00	2.50E-05	6.50E-06	J (DNQ)		0.5	**3.25E-06**	**ND**
2,3,7,8-TCDD	0.00E+00	1.50E-06	ND	UJ (*10)		1	**ND**	**ND**
2,3,7,8-TCDF	0.00E+00	5.00E-06	9.67E-06	J (*10)		0.1	**9.67E-07**	**9.67E-07**
OCDD	0.00E+00	5.00E-05	1.03E-02	--		0.0001	**1.03E-06**	**1.03E-06**
OCDF	0.00E+00	5.00E-05	8.53E-04	--		0.0001	**8.53E-08**	**8.53E-08**

TCDD TEQ w/ DNQ Values	**3.32E-05**	
TCDD TEQ w/out DNQ Values		**1.77E-05**

Dioxin TCDD TEQ compliance limit established for this outfall? Yes **TCDD TEQ PERMIT LIMIT = 2.80E-08**

See attached notes for abbreviations, definitions, and other explanations for the data presented in this table.

\\Uspas3s02\DEI\Rocketdyne SSFL\SSFL Permitting and Compliance\2nd Qrtr 2006 DMR\AppC.

OUTFALL 009 (WS-13 Drainage)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date April 11, 2006

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER		WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	3.18E-06	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,6,7,8-HpCDF	9.85E-07	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,7,8,9-HpCDF	1.08E-06	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,7,8-HxCDD	2.08E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,4,7,8-HxCDF	6.60E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDD	2.02E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDF	6.48E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDD	1.97E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDF	1.01E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8-PeCDD	8.79E-07	2.50E-05	ND	U		1	**ND**	**ND**
1,2,3,7,8-PeCDF	1.62E-06	2.50E-05	ND	U		0.05	**ND**	**ND**
2,3,4,6,7,8-HxCDF	6.41E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
2,3,4,7,8-PeCDF	1.43E-06	2.50E-05	ND	U		0.5	**ND**	**ND**
2,3,7,8-TCDD	1.16E-06	5.00E-06	ND	U		1	**ND**	**ND**
2,3,7,8-TCDF	1.05E-06	5.00E-06	ND	U		0.1	**ND**	**ND**
OCDD	0.00E+00	5.00E-05	6.78E-06	J (DNQ)		0.0001	**6.78E-10**	**ND**
OCDF	2.78E-06	5.00E-05	ND	U		0.0001	**ND**	**ND**

TCDD TEQ w/ DNQ Values	**6.78E-10**	
TCDD TEQ w/out DNQ Values		**ND**

Dioxin TCDD TEQ compliance limit established for this outfall? Yes **TCDD TEQ PERMIT LIMIT = 2.80E-08**

See attached notes for abbreviations, definitions, and other explanations for the data presented in this table.

\\Uspas3s02\DEI\Rocketdyne SSFL\SSFL Permitting and Compliance\2nd Qrtr 2006 DMR\AppC.

OUTFALL 009 (WS-13 Drainage)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

May 1 through May 31, 2006

			5/22/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Chloride	mg/L	150/-	16	*
Fluoride	mg/L	1.6/-	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	0.72	*
Oil & Grease	mg/L	15/-	ND < 0.90	*
Perchlorate	ug/L	6.0/-	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	7.60	*
Sulfate	mg/L	250/-	68	*
Temperature	deg. F	86/-	61.0	*
Total Cyanide	ug/L	-/-	ANR	ANR
Total Dissolved Solids	mg/L	850/-	290	*
Total Suspended Solids	mg/L	-/-	ND < 10	*
Volume Discharged	MGD	17.8/-	ANR	ANR
METALS				
Aluminum	ug/L	-/-	ANR	ANR
Antimony	ug/L	6.0/-	0.40	J* (DNQ)
Antimony, dissolved	ug/L	-/-	0.50	J* (DNQ)
Arsenic	ug/L	-/-	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR
Cadmium	ug/L	4.0/-	ND < 0.025	*
Cadmium, dissolved	ug/L	-/-	ND < 0.025	*
Chromium	ug/L	-/-	ANR	ANR
Copper	ug/L	14.0/-	2.5	*
Copper, dissolved	ug/L	-/-	2.0	*
Iron	mg/L	-/-	ANR	ANR
Lead	ug/L	5.2/-	2.7	*
Lead, dissolved	ug/L	-/-	0.041	J* (DNQ)
Mercury	ug/L	0.13/-	ND < 0.050	*
Mercury, dissolved	ug/L	-/-	ND < 0.050	*
Nickel	ug/L	-/-	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR
Silver	ug/L	-/-	ANR	ANR
Thallium	ug/L	2.0/-	ND < 0.15	*
Thallium, dissolved	ug/L	-/-	ND < 0.15	*
Vanadium	ug/L	-/-	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR
ORGANICS				

OUTFALL 009 (WS-13 Drainage)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

May 1 through May 31, 2006

			5/22/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Benzene	ug/L	-/-	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR
ADDITIONAL ANALYTES				
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR

OUTFALL 009 (WS-13 Drainage)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

May 1 through May 31, 2006

			5/22/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR
Benzo(g,h,I)perylene	ug/L	-/-	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR

OUTFALL 009 (WS-13 Drainage)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

May 1 through May 31, 2006

			5/22/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR

OUTFALL 009 (WS-13 Drainage)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date May 22, 2006

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER		WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	8.51E-06	J (DNQ)		0.01	**8.51E-08**	**ND**
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.50E-05	2.76E-06	J (DNQ)		0.01	**2.76E-08**	**ND**
1,2,3,4,7,8,9-HpCDF	6.90E-07	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,7,8-HxCDD	7.60E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,4,7,8-HxCDF	4.81E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDD	8.10E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDF	4.85E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDD	7.94E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDF	6.98E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8-PeCDD	6.80E-07	2.50E-05	ND	U		1	**ND**	**ND**
1,2,3,7,8-PeCDF	5.70E-07	2.50E-05	ND	U		0.05	**ND**	**ND**
2,3,4,6,7,8-HxCDF	5.28E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
2,3,4,7,8-PeCDF	5.17E-07	2.50E-05	ND	U		0.5	**ND**	**ND**
2,3,7,8-TCDD	7.56E-07	5.00E-06	ND	U		1	**ND**	**ND**
2,3,7,8-TCDF	1.00E-06	5.00E-06	ND	U		0.1	**ND**	**ND**
OCDD	0.00E+00	5.00E-05	9.22E-05	--		0.0001	**9.22E-09**	**9.22E-09**
OCDF	0.00E+00	6.53E-06	ND	UJ (*10)		0.0001	**ND**	**ND**

TCDD TEQ w/ DNQ Values	**1.22E-07**	
TCDD TEQ w/out DNQ Values		**9.22E-09**

Dioxin TCDD TEQ compliance limit established for this outfall? Yes **TCDD TEQ PERMIT LIMIT = 2.80E-08**

See attached notes for abbreviations, definitions, and other explanations for the data presented in this table.

\\Uspas3s02\DEI\Rocketdyne SSFL\SSFL Permitting and Compliance\2nd Qrtr 2006 DMR\AppC.

OUTFALL 010 (Building 203)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/5/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Chloride	mg/L	150/-	7.1	*
Fluoride	mg/L	1.6/-	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	0.19	*
Oil & Grease	mg/L	15/-	0.94	J* (DNQ)
Perchlorate	ug/L	6.0/-	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	7.2	*
Sulfate	mg/L	250/-	5.1	*
Temperature	deg. F	86/-	59	*
Total Cyanide	ug/L	-/-	ANR	ANR
Total Dissolved Solids	mg/L	850/-	150	*
Total Suspended Solids	mg/L	-/-	22	*
Volume Discharged	MGD	17.8/-	ANR	ANR
METALS				
Aluminum	ug/L	-/-	ANR	ANR
Antimony	ug/L	6.0/-	0.33	J* (DNQ)
Arsenic	ug/L	-/-	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR
Cadmium	ug/L	4.0/-	0.042	J* (DNQ)
Chromium	ug/L	-/-	ANR	ANR
Copper	ug/L	14.0/-	2.8	*
Iron	mg/L	-/-	ANR	ANR
Lead	ug/L	5.2/-	1.1	*
Mercury	ug/L	0.13/-	ND < 0.050	*
Nickel	ug/L	-/-	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR
Silver	ug/L	-/-	ANR	ANR
Thallium	ug/L	2.0/-	ND < 0.15	*
Vanadium	ug/L	-/-	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR
ORGANICS				
Benzene	ug/L	-/-	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR

OUTFALL 010 (Building 203)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/5/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Tetrachloroethene	ug/L	-/-	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR
ADDITIONAL ANALYTES				
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR

OUTFALL 010 (Building 203)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/5/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Aldrin	ug/L	-/-	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR
Benzo(g,h,I)perylene	ug/L	-/-	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR

OUTFALL 010 (Building 203)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/5/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Endosulfan I	ug/L	-/-	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR

OUTFALL 010 (Building 203)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date April 5, 2006

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER		WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	5.03E-05	--		0.01	**5.03E-07**	**5.03E-07**
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.50E-05	1.14E-05	J (DNQ)		0.01	**1.14E-07**	**ND**
1,2,3,4,7,8,9-HpCDF	9.82E-07	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,7,8-HxCDD	1.41E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,4,7,8-HxCDF	5.08E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDD	2.66E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDF	3.40E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDD	2.48E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDF	5.36E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8-PeCDD	7.45E-07	2.50E-05	ND	U		1	**ND**	**ND**
1,2,3,7,8-PeCDF	7.34E-07	2.50E-05	ND	U		0.05	**ND**	**ND**
2,3,4,6,7,8-HxCDF	3.65E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
2,3,4,7,8-PeCDF	6.74E-07	2.50E-05	ND	U		0.5	**ND**	**ND**
2,3,7,8-TCDD	5.72E-07	5.00E-06	ND	U		1	**ND**	**ND**
2,3,7,8-TCDF	6.35E-07	5.00E-06	ND	U		0.1	**ND**	**ND**
OCDD	0.00E+00	5.00E-05	5.58E-04	--		0.0001	**5.58E-08**	**5.58E-08**
OCDF	0.00E+00	5.00E-05	1.14E-04	--		0.0001	**1.14E-08**	**1.14E-08**

TCDD TEQ w/ DNQ Values	**6.84E-07**	
TCDD TEQ w/out DNQ Values		**5.70E-07**

Dioxin TCDD TEQ compliance limit established for this outfall? Yes **TCDD TEQ PERMIT LIMIT = 2.80E-08**

See attached notes for abbreviations, definitions, and other explanations for the data presented in this table.

\\Uspas3s02\DEI\Rocketdyne SSFL\SSFL Permitting and Compliance\2nd Qrtr 2006 DMR\AppC.

OUTFALL 011
(Perimeter Pond Weir)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/5/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Ammonia as Nitrogen (N)	mg/L	10.1/1.96	ND < 0.30	U
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/20	1.5	J* (DNQ)
Chloride	mg/L	150/-	7.2	*
Specific Conductivity (Lab)	umhos/cm	-/-	190	--
Surfactants (MBAS)	mg/L	0.5/-	0.15	RL-1, J* (DNQ)
Fluoride	mg/L	1.6/-	ANR	ANR
Nitrate-N	mg/L	8.0/-	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	1.6	*
Oil & Grease	mg/L	15/10	ND < 0.89	*
Perchlorate	ug/L	6.0/-	ND < 0.80	*
pH (Field)	pH units	6.5-8.5/-	7	*
Total Settleable Solids	ml/L	0.3/0.1	ND < 0.10	*
Sulfate	mg/L	300/-	14	*
Temperature	deg. F	86/-	57	*
Total Cyanide	ug/L	8.5/4.3	ND < 2.2	*
Total Dissolved Solids	mg/L	950/-	140	*
Total Organic Carbon	mg/L	-/-	ANR	ANR
Total Residual Chlorine	mg/L	0.1/-	ANR	ANR
Total Suspended Solids	mg/L	45/15	31	*
Turbidity	NTU	-/-	54	--
Volume Discharged	MGD	160/-	0.9992	*
METALS				
Antimony	ug/L	6.0/-	ANR	ANR
Arsenic	ug/L	10/-	ANR	ANR
Barium	mg/L	1.0/-	ANR	ANR
Beryllium	ug/L	4.0/-	ANR	ANR
Boron	mg/L	-/-	ANR	ANR
Cadmium	ug/L	4.0/2.0	ANR	ANR
Chromium	ug/L	16.3/8.1	ANR	ANR
Chromium VI	ug/L	16.3/8.1	ANR	ANR
Cobalt	ug/L	-/-	ANR	ANR
Copper	ug/L	14.0/7.1	4.7	--
Iron	mg/L	0.3/-	ANR	ANR
Lead	ug/L	5.2/2.6	3.7	--
Manganese	ug/L	50/-	ANR	ANR
Mercury	ug/L	0.10/0.05	ND < 0.050	*
Nickel	ug/L	96/35	ANR	ANR
Selenium	ug/L	8.2/4.1	ANR	ANR
Silver	ug/L	4.1/2.0	ANR	ANR
Thallium	ug/L	2.0/-	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR
Zinc	ug/L	119/54	ANR	ANR
ORGANICS				
Benzene	ug/L	-/-	ND < 0.28	U
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U
Chloroform	ug/L	-/-	ND < 0.33	U
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	U
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	U

OUTFALL 011
(Perimeter Pond Weir)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/5/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
1,1-Dichloroethene	ug/L	6.0/3.2	ND < 0.42	U
1,4-Dioxane	ug/L	-/-	ANR	ANR
Ethylbenzene	ug/L	-/-	ND < 0.25	U
Tetrachloroethene	ug/L	-/-	ND < 0.32	U
Toluene	ug/L	-/-	ND < 0.36	U
Xylenes (Total)	ug/L	-/-	ND < 0.90	U
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U
Trichloroethene	ug/L	5.0/-	ND < 0.26	U
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	U
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ND < 1.2	U
Vinyl Chloride	ug/L	-/-	ND < 0.26	U
TPH				
EFH (C13 - C22)	mg/L	-/-	ANR	ANR
GRO (C4 - C12)	mg/L	-/-	ANR	ANR
TRPH	mg/L	-/-	ANR	ANR
ADDITIONAL ANALYTES				
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR
2,4,6-Trichlorophenol	ug/L	13.0/6.5	ND < 0.094	*
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR
2,4-Dinitrotoluene	ug/L	18.3/9.1	ND < 0.19	*
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR

OUTFALL 011
(Perimeter Pond Weir)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
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April 1 through April 30, 2006

			4/5/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
alpha-BHC	ug/L	0.03/0.01	ND < 0.00094	*
Anthracene	ug/L	-/-	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR
Benzo(g,h,I)perylene	ug/L	-/-	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-	1.6	J* (DNQ)
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR
Chronic Toxicity	TUC	1.0/-	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR
cis-1,2-Dichloroethene	ug/L	-/-	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR
Cyclohexane	ug/L	-/-	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR

See attached notes for abbreviations, definitions and other explanations for the data presented.

OUTFALL 011
(Perimeter Pond Weir)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/5/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Heptachlor epoxide	ug/L	-/-	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR
n-Nitrosodimethylamine	ug/L	16.3/8.1	ND < 0.094	*
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR
Pentachlorophenol	ug/L	16.5/8.2	ND < 0.094	*
Phenanthrene	ug/L	-/-	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR

See attached notes for abbreviations, definitions and other explanations for the data presented.

OUTFALL 011
(Perimeter Pond Weir)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date April 5, 2006

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER		WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	4.66E-05	--		0.01	**4.66E-07**	**4.66E-07**
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.50E-05	8.95E-06	J (DNQ)		0.01	**8.95E-08**	**ND**
1,2,3,4,7,8,9-HpCDF	1.83E-06	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,7,8-HxCDD	1.58E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,4,7,8-HxCDF	0.00E+00	2.50E-05	1.23E-06	J (DNQ)		0.1	**1.23E-07**	**ND**
1,2,3,6,7,8-HxCDD	0.00E+00	1.61E-06	ND	UJ (*10)		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDF	0.00E+00	2.50E-05	7.79E-07	J (DNQ)		0.1	**7.79E-08**	**ND**
1,2,3,7,8,9-HxCDD	2.62E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDF	1.19E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8-PeCDD	0.00E+00	2.50E-05	6.57E-07	J (DNQ)		1	**6.57E-07**	**ND**
1,2,3,7,8-PeCDF	1.12E-06	2.50E-05	ND	U		0.05	**ND**	**ND**
2,3,4,6,7,8-HxCDF	8.35E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
2,3,4,7,8-PeCDF	1.04E-06	2.50E-05	ND	U		0.5	**ND**	**ND**
2,3,7,8-TCDD	6.99E-07	5.00E-06	ND	U		1	**ND**	**ND**
2,3,7,8-TCDF	1.45E-06	5.00E-06	ND	U		0.1	**ND**	**ND**
OCDD	0.00E+00	5.00E-05	4.79E-04	--		0.0001	**4.79E-08**	**4.79E-08**
OCDF	0.00E+00	5.00E-05	3.04E-05	J (DNQ)		0.0001	**3.04E-09**	**ND**

TCDD TEQ w/ DNQ Values	**1.46E-06**	
TCDD TEQ w/out DNQ Values		**5.14E-07**

Dioxin TCDD TEQ compliance limit established for this outfall? Yes **TCDD TEQ PERMIT LIMIT = 2.80E-08**

See attached notes for abbreviations, definitions, and other explanations for the data presented in this table.

\\Uspas3s02\DEI\Rocketdyne SSFL\SSFL Permitting and Compliance\2nd Qrtr 2006 DMR\AppC.

OUTFALL 011 (Perimeter Pond Weir)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/5/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**Result**	**CONCENTRATION RESULT VALIDATION QUALIFIER**
Biochemical Oxygen Demand (BOD 5 day)	LBS/DAY	40,032/26,700	12	J* (DNQ)
Chloride	LBS/DAY	200,160/-	60	*
Surfactants (MBAS)	LBS/DAY	667/-	1.2	RL-1, J* (DNQ)
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	10,700/-	13	*
Oil & Grease	LBS/DAY	20,016/13,344	ND	*
Perchlorate	LBS/DAY	8/-	ND	*
Sulfate	LBS/DAY	400,320/-	117	*
Total Cyanide	LBS/DAY	11.3/5.7	ND	*
Total Dissolved Solids	LBS/DAY	1,270,000/-	1167	*
Total Suspended Solids	LBS/DAY	60,048/20,016	258	*
METALS				
Copper	LBS/DAY	18.7/9.5	0.039	--
Lead	LBS/DAY	6.94/3.5	0.031	--
Mercury	LBS/DAY	0.13/0.07	ND	*
ORGANICS				
1,1-Dichloroethene	LBS/DAY	8/4.3	ND	U
Trichloroethene	LBS/DAY	6.7/-	ND	U
ADDITIONAL ANALYTES				
2,4,6-Trichlorophenol	LBS/DAY	17/8.7	ND	*
2,4-Dinitrotoluene	LBS/DAY	24/12	ND	*
alpha-BHC	LBS/DAY	0.04/0.013	ND	*
bis (2-ethylhexyl) Phthalate	LBS/DAY	5.3/-	0.013	J* (DNQ)
n-Nitrosodimethylamine	LBS/DAY	21.8/10.8	ND	*
Pentachlorophenol	LBS/DAY	22/10.9	ND	*
TCDD TEQ_NoDNQ	LBS/DAY	3.7E-08/1.9E-08	4.28E-09	*

See attached notes for abbreviations, definitions and other explanations for the data presented.

\\Uspas3s02\DEI\Rocketdyne SSFL\SSFL Permitting and Compliance\2nd Qrtr 2006 DMR\AppC.

OUTFALL 018 (R-2 Spillway)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/4/2006		4/11/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
Ammonia as Nitrogen (N)	mg/L	10.1/1.96	0.56	--	ND < 0.30	U
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/20	3.6	*	3.2	*
Chloride	mg/L	150/-	17	*	20	*
Specific Conductivity (Lab)	umhos/cm	-/-	300	--	410	--
Surfactants (MBAS)	mg/L	0.5/-	0.12	RL-1, J* (DNQ)	0.066	J* (DNQ)
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate-N	mg/L	8.0/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	0.18	*	0.85	*
Oil & Grease	mg/L	15/10	ND < 0.90	*	ND < 0.89	*
Perchlorate	ug/L	6.0/-	ND < 0.80	*	ND < 0.80	*
pH (Field)	pH units	6.5-8.5/-	7.5	*	7.2	*
Total Settleable Solids	ml/L	0.3/0.1	0.20	*	ND < 0.10	*
Sulfate	mg/L	300/-	42	*	58	*
Temperature	deg. F	86/-	57	*	58	*
Total Cyanide	ug/L	8.5/4.3	ND < 2.2	*	ND < 2.2	*
Total Dissolved Solids	mg/L	950/-	200	*	230	*
Total Organic Carbon	mg/L	-/-	ANR	ANR	ANR	ANR
Total Residual Chlorine	mg/L	0.1/-	ANR	ANR	ANR	ANR
Total Suspended Solids	mg/L	45/15	73	*	ND < 10	*
Turbidity	NTU	-/-	63	--	5.7	--
Volume Discharged	MGD	160/-	5.2889	*	0.0616	*
METALS						
Antimony	ug/L	6.0/-	ANR	ANR	ANR	ANR
Arsenic	ug/L	10/-	ANR	ANR	ANR	ANR
Barium	mg/L	1.0/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	4.0/-	ANR	ANR	ANR	ANR
Boron	mg/L	-/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	4.0/2.0	ANR	ANR	ANR	ANR
Chromium	ug/L	16.3/8.1	ANR	ANR	ANR	ANR
Chromium VI	ug/L	16.3/8.1	ANR	ANR	ANR	ANR
Cobalt	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	14.0/7.1	4.8	--	2.7	B*
Iron	mg/L	0.3/-	ANR	ANR	ANR	ANR
Lead	ug/L	5.2/2.6	2.8	--	0.68	B, J* (DNQ)
Manganese	ug/L	50/-	ANR	ANR	ANR	ANR
Mercury	ug/L	0.10/0.05	0.081	J* (DNQ)	ND < 0.050	*
Nickel	ug/L	96/35	ANR	ANR	ANR	ANR
Selenium	ug/L	8.2/4.1	ANR	ANR	ANR	ANR
Silver	ug/L	4.1/2.0	ANR	ANR	ANR	ANR
Thallium	ug/L	2.0/-	ANR	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	119/54	ANR	ANR	ANR	ANR
ORGANICS						
Benzene	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U	ND < 0.28	UJ (C)
Chloroform	ug/L	-/-	ND < 0.33	U	ND < 0.33	U
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	U	ND < 0.27	U
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	U	ND < 0.28	UJ (C)

OUTFALL 018 (R-2 Spillway)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/4/2006		4/11/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
1,1-Dichloroethene	ug/L	6.0/3.2	ND < 0.42	U	ND < 0.42	U
1,4-Dioxane	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ND < 0.25	U	ND < 0.25	U
Tetrachloroethene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
Toluene	ug/L	-/-	ND < 0.36	U	ND < 0.36	U
Xylenes (Total)	ug/L	-/-	ND < 0.52	U	ND < 0.90	U
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
Trichloroethene	ug/L	5.0/-	ND < 0.26	U	ND < 0.26	U
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	U	ND < 0.34	UJ (C)
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ND < 1.2	U	ANR	ANR
Vinyl Chloride	ug/L	-/-	ND < 0.26	U	ND < 0.26	U
TPH						
EFH (C13 - C22)	mg/L	-/-	ANR	ANR	ANR	ANR
GRO (C4 - C12)	mg/L	-/-	ANR	ANR	ANR	ANR
TRPH	mg/L	-/-	ANR	ANR	ANR	ANR
ADDITIONAL ANALYTES						
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	----	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	----	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	----	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	----	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	----	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	----	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	----	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	13.0/6.5	ND < 0.094	*	ND < 0.095	*
2,4-Dichlorophenol	ug/L	----	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	----	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	----	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	18.3/9.1	ND < 0.19	*	ND < 0.19	*
2,6-Dinitrotoluene	ug/L	----	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	----	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	----	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	----	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	----	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	----	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	----	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	----	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	----	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	----	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	----	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	----	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	----	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	----	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	----	ANR	ANR	ANR	ANR
Acrolein	ug/L	----	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	----	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	----	ANR	ANR	ANR	ANR

OUTFALL 018 (R-2 Spillway)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/4/2006		4/11/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
alpha-BHC	ug/L	0.03/0.01	ND < 0.00094	*	ND < 0.00096	*
Anthracene	ug/L	----	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	----	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	----	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	----	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	----	ANR	ANR	ANR	ANR
Aroclor-1248	ug/L	----	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	----	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	----	ANR	ANR	ANR	ANR
Benzidine	ug/L	----	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	----	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	----	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	----	ANR	ANR	ANR	ANR
Benzo(g,h,I)perylene	ug/L	----	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	----	ANR	ANR	ANR	ANR
beta-BHC	ug/L	----	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	----	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-	ND < 1.6	*	ND < 1.6	*
bis(2-Chloroethoxy) methane	ug/L	----	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	----	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	----	ANR	ANR	ANR	ANR
Bromoform	ug/L	----	ANR	ANR	ANR	ANR
Bromomethane	ug/L	----	ANR	ANR	ANR	ANR
Butylbenzylphthalate	ug/L	----	ANR	ANR	ANR	ANR
Chlordane	ug/L	----	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	----	ANR	ANR	ANR	ANR
Chloroethane	ug/L	----	ANR	ANR	ANR	ANR
Chloromethane	ug/L	----	ANR	ANR	ANR	ANR
Chronic Toxicity	TUC	1.0/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	----	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	----	ANR	ANR	ANR	ANR
Cyclohexane	ug/L	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	----	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	----	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	----	ANR	ANR	ANR	ANR
Dieldrin	ug/L	----	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	----	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	----	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	----	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	----	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	----	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	----	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	----	ANR	ANR	ANR	ANR
Endrin	ug/L	----	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	----	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	----	ANR	ANR	ANR	ANR
Fluorene	ug/L	----	ANR	ANR	ANR	ANR
Heptachlor	ug/L	----	ANR	ANR	ANR	ANR

OUTFALL 018 (R-2 Spillway)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/4/2006		4/11/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
Heptachlor epoxide	ug/L	----	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	----	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	----	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	----	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	----	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	----	ANR	ANR	ANR	ANR
Isophorone	ug/L	----	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	----	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	----	ANR	ANR	ANR	ANR
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	----	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	----	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	16.3/8.1	ND < 0.094	*	ND < 0.095	*
n-Nitroso-di-n-propylamine	ug/L	----	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	----	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	16.5/8.2	0.094	J* (DNQ)	ND < 0.095	*
Phenanthrene	ug/L	----	ANR	ANR	ANR	ANR
Phenol	ug/L	----	ANR	ANR	ANR	ANR
Pyrene	ug/L	----	ANR	ANR	ANR	ANR
Toxaphene	ug/L	----	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	----	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	----	ANR	ANR	ANR	ANR

OUTFALL 018 (R-2 Spillway)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date April 4, 2006

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER		WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	1.13E-04	--		0.01	**1.13E-06**	**1.13E-06**
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.50E-05	1.91E-05	J (DNQ)		0.01	**1.91E-07**	**ND**
1,2,3,4,7,8,9-HpCDF	0.00E+00	2.50E-05	2.61E-06	J (DNQ)		0.01	**2.61E-08**	**ND**
1,2,3,4,7,8-HxCDD	0.00E+00	2.50E-05	2.32E-06	J (DNQ)		0.1	**2.32E-07**	**ND**
1,2,3,4,7,8-HxCDF	7.87E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDD	0.00E+00	2.50E-05	5.15E-06	J (DNQ)		0.1	**5.15E-07**	**ND**
1,2,3,6,7,8-HxCDF	8.79E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDD	0.00E+00	2.50E-05	3.73E-06	J (DNQ)		0.1	**3.73E-07**	**ND**
1,2,3,7,8,9-HxCDF	4.11E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8-PeCDD	0.00E+00	8.52E-07	ND	UJ (*10)		1	**ND**	**ND**
1,2,3,7,8-PeCDF	1.22E-06	2.50E-05	ND	U		0.05	**ND**	**ND**
2,3,4,6,7,8-HxCDF	0.00E+00	2.50E-05	8.94E-07	J (DNQ)		0.1	**8.94E-08**	**ND**
2,3,4,7,8-PeCDF	1.23E-06	2.50E-05	ND	U		0.5	**ND**	**ND**
2,3,7,8-TCDD	6.11E-07	5.00E-06	ND	U		1	**ND**	**ND**
2,3,7,8-TCDF	8.57E-07	5.00E-06	ND	U		0.1	**ND**	**ND**
OCDD	0.00E+00	5.00E-05	1.21E-03	--		0.0001	**1.21E-07**	**1.21E-07**
OCDF	0.00E+00	5.00E-05	5.26E-05	--		0.0001	**5.26E-09**	**5.26E-09**

TCDD TEQ w/ DNQ Values	**2.68E-06**	
TCDD TEQ w/out DNQ Values		**1.26E-06**

Dioxin TCDD TEQ compliance limit established for this outfall? Yes **TCDD TEQ PERMIT LIMIT = 2.80E-08**

See attached notes for abbreviations, definitions, and other explanations for the data presented in this table.

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OUTFALL 018 (R-2 Spillway)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date April 11, 2006

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER		WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	1.85E-05	J (DNQ)		0.01	**1.85E-07**	**ND**
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.50E-05	3.77E-06	J (DNQ)		0.01	**3.77E-08**	**ND**
1,2,3,4,7,8,9-HpCDF	1.47E-06	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,7,8-HxCDD	2.92E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,4,7,8-HxCDF	1.02E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDD	2.75E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDF	9.30E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDD	2.72E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDF	6.33E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8-PeCDD	1.44E-06	2.50E-05	ND	U		1	**ND**	**ND**
1,2,3,7,8-PeCDF	1.72E-06	2.50E-05	ND	U		0.05	**ND**	**ND**
2,3,4,6,7,8-HxCDF	1.10E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
2,3,4,7,8-PeCDF	1.93E-06	2.50E-05	ND	U		0.5	**ND**	**ND**
2,3,7,8-TCDD	1.61E-06	5.00E-06	ND	U		1	**ND**	**ND**
2,3,7,8-TCDF	1.40E-06	5.00E-06	ND	U		0.1	**ND**	**ND**
OCDD	0.00E+00	5.00E-05	1.58E-04	--		0.0001	**1.58E-08**	**1.58E-08**
OCDF	0.00E+00	5.00E-05	1.21E-05	J (DNQ)		0.0001	**1.21E-09**	**ND**

TCDD TEQ w/ DNQ Values	**2.40E-07**	
TCDD TEQ w/out DNQ Values		**1.58E-08**

Dioxin TCDD TEQ compliance limit established for this outfall? Yes **TCDD TEQ PERMIT LIMIT = 2.80E-08**

See attached notes for abbreviations, definitions, and other explanations for the data presented in this table.

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OUTFALL 018 (R-2 Spillway)
DRY WEATHER DISCHARGE

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

May 1 through May 31, 2006

			5/17/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Ammonia as Nitrogen (N)	mg/L	10.1/1.96	0.84	*
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/20	7.4	*
Chloride	mg/L	150/-	36	*
Specific Conductivity (Lab)	umhos/cm	-/-	580	*
Surfactants (MBAS)	mg/L	0.5/-	0.052	J, H* (DNQ)
Fluoride	mg/L	1.6/-	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	ND < 0.080	*
Nitrate as Nitrogen (N)	mg/L	8.0/-	ND < 0.080	*
Nitrite-N	mg/L	1.0/-	ND < 0.080	*
Oil & Grease	mg/L	15/10	ND < 0.90	*
Perchlorate	ug/L	6.0/-	ND < 0.80	*
pH (Field)	pH units	6.5-8.5/-	8.00	*
Total Settleable Solids	ml/L	0.3/0.1	ND < 0.10	H*
Sulfate	mg/L	300/-	74	*
Temperature	deg. F	86/-	80.0	*
Total Cyanide	ug/L	8.5/4.3	ND < 2.2	*
Total Dissolved Solids	mg/L	950/-	340	*
Total Organic Carbon	mg/L	-/-	ANR	ANR
Total Residual Chlorine	mg/L	0.1/-	ANR	ANR
Total Suspended Solids	mg/L	45/15	20	*
Turbidity	NTU	-/-	14	*
Volume Discharged	MGD	160/-	0	ANR
METALS				
Antimony	ug/L	6.0/-	ANR	ANR
Arsenic	ug/L	10/-	ANR	ANR
Barium	mg/L	1.0/-	ANR	ANR
Beryllium	ug/L	4.0/-	ANR	ANR
Boron	mg/L	-/-	ANR	ANR
Cadmium	ug/L	4.0/2.0	0.053	J* (DNQ)
Cadmium, dissolved	ug/L	-/-	0.058	J* (DNQ)
Chromium	ug/L	16.3/8.1	ANR	ANR
Chromium VI	ug/L	16.3/8.1	ANR	ANR
Cobalt	ug/L	-/-	ANR	ANR
Copper	ug/L	14.0/7.1	2.3	*
Copper, dissolved	ug/L	-/-	1.3	J* (DNQ)
Iron	mg/L	0.3/-	0.23	*
Iron (Dissolved)	mg/l	-/-	ND < 0.015	*

OUTFALL 018 (R-2 Spillway)
DRY WEATHER DISCHARGE

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

May 1 through May 31, 2006

			5/17/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Lead	ug/L	5.2/2.6	0.22	J* (DNQ)
Lead, dissolved	ug/L	-/-	ND < 0.040	*
Manganese	ug/L	50/-	ANR	ANR
Mercury	ug/L	0.10/0.05	ND < 0.050	*
Mercury, dissolved	ug/L	-/-	ND < 0.050	*
Nickel	ug/L	96/35	ANR	ANR
Selenium	ug/L	5.0/4.1	0.68	J* (DNQ)
Selenium, dissolved	ug/L	-/-	0.42	J* (DNQ)
Silver	ug/L	4.1/2.0	ANR	ANR
Thallium	ug/L	2.0/-	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR
Zinc	ug/L	119/54	ND < 15	*
Zinc, dissolved	ug/L	-/-	ND < 15	*
ORGANICS				
Benzene	ug/L	-/-	ND < 0.28	*
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	*
Chloroform	ug/L	-/-	ND < 0.33	*
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	*
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	*
1,1-Dichloroethene	ug/L	6.0/3.2	ND < 0.42	*
1,4-Dioxane	ug/L	-/-	ANR	ANR
Ethylbenzene	ug/L	-/-	ND < 0.25	*
Tetrachloroethene	ug/L	-/-	ND < 0.32	*
Toluene	ug/L	-/-	ND < 0.36	*
Xylenes (Total)	ug/L	-/-	ND < 0.90	*
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	*
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	*
Trichloroethene	ug/L	5.0/-	ND < 0.26	*
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	*
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR
Vinyl Chloride	ug/L	-/-	ND < 0.26	*
TPH				
EFH (C13 - C22)	mg/L	-/-	ANR	ANR
GRO (C4 - C12)	mg/L	-/-	ANR	ANR
TRPH	mg/L	-/-	ANR	ANR
ADDITIONAL ANALYTES				
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR

OUTFALL 018 (R-2 Spillway)
DRY WEATHER DISCHARGE

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

May 1 through May 31, 2006

			5/17/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR
2,4,6-Trichlorophenol	ug/L	13.0/6.5	ND < 0.098	*
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR
2,4-Dinitrotoluene	ug/L	18.3/9.1	ND < 0.20	*
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR
alpha-BHC	ug/L	0.03/0.01	ND < 0.00096	*
Anthracene	ug/L	-/-	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR

OUTFALL 018 (R-2 Spillway)
DRY WEATHER DISCHARGE

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

May 1 through May 31, 2006

			5/17/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Aroclor-1260	ug/L	-/-	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR
Benzo(g,h,I)perylene	ug/L	-/-	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-	1.8	B, J* (DNQ)
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR
Chronic Toxicity	TUC	1.0/-	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR
cis-1,2-Dichloroethene	ug/L	-/-	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR
Cyclohexane	ug/L	-/-	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR

OUTFALL 018 (R-2 Spillway)
DRY WEATHER DISCHARGE

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

May 1 through May 31, 2006

			5/17/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Fluoranthene	ug/L	-/-	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR
n-Nitrosodimethylamine	ug/L	16.3/8.1	ND < 0.098	*
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR
Pentachlorophenol	ug/L	16.5/8.2	ND < 0.098	*
Phenanthrene	ug/L	-/-	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR

OUTFALL 018 (R-2 Spillway)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date May 17, 2006

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER		WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	6.40E-06	J (DNQ)		0.01	**6.40E-08**	**ND**
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.50E-05	1.24E-06	J (DNQ)		0.01	**1.24E-08**	**ND**
1,2,3,4,7,8,9-HpCDF	0.00E+00	5.27E-07	ND	UJ (*10)		0.01	**ND**	**ND**
1,2,3,4,7,8-HxCDD	5.97E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,4,7,8-HxCDF	3.76E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDD	6.11E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDF	3.32E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDD	6.08E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDF	5.69E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8-PeCDD	5.39E-07	2.50E-05	ND	U		1	**ND**	**ND**
1,2,3,7,8-PeCDF	4.40E-07	2.50E-05	ND	U		0.05	**ND**	**ND**
2,3,4,6,7,8-HxCDF	3.68E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
2,3,4,7,8-PeCDF	4.06E-07	2.50E-05	ND	U		0.5	**ND**	**ND**
2,3,7,8-TCDD	6.46E-07	5.00E-06	ND	U		1	**ND**	**ND**
2,3,7,8-TCDF	7.53E-07	5.00E-06	ND	U		0.1	**ND**	**ND**
OCDD	0.00E+00	5.00E-05	4.40E-05	J (DNQ)		0.0001	**4.40E-09**	**ND**
OCDF	0.00E+00	2.46E-06	ND	UJ (*10)		0.0001	**ND**	**ND**

TCDD TEQ w/ DNQ Values	**8.08E-08**	
TCDD TEQ w/out DNQ Values		**ND**

Dioxin TCDD TEQ compliance limit established for this outfall? Yes **TCDD TEQ PERMIT LIMIT = 2.80E-08**

See attached notes for abbreviations, definitions, and other explanations for the data presented in this table.

\\Uspas3s02\DEI\Rocketdyne SSFL\SSFL Permitting and Compliance\2nd Qrtr 2006 DMR\AppC.

OUTFALL 018 (R-2 Spillway)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/4/2006		4/11/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**Result**	**CONCENTRATION RESULT VALIDATION QUALIFIER**	**Result**	**CONCENTRATION RESULT VALIDATION QUALIFIER**
Biochemical Oxygen Demand (BOD 5 day)	LBS/DAY	40,032/26,700	159	*	1.6	*
Chloride	LBS/DAY	200,160/-	750	*	10	*
Surfactants (MBAS)	LBS/DAY	667/-	5.3	RL-1, J* (DNQ)	0.034	J* (DNQ)
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	10,700/-	7.9	*	0.44	*
Oil & Grease	LBS/DAY	20,016/13,344	ND	*	ND	*
Perchlorate	LBS/DAY	8/-	ND	*	ND	*
Sulfate	LBS/DAY	400,320/-	1853	*	30	*
Total Cyanide	LBS/DAY	11.3/5.7	ND	*	ND	*
Total Dissolved Solids	LBS/DAY	1,270,000/-	8822	*	118	*
Total Suspended Solids	LBS/DAY	60,048/20,016	3220	*	ND	*
METALS						
Copper	LBS/DAY	18.7/9.5	0.21	--	0.0014	B*
Lead	LBS/DAY	6.94/3.5	0.12	--	0.0003	B, J* (DNQ)
Mercury	LBS/DAY	0.13/0.07	0.0036	J* (DNQ)	ND	*
ORGANICS						
1,1-Dichloroethene	LBS/DAY	8/4.3	ND	U	ND	U
Trichloroethene	LBS/DAY	6.7/-	ND	U	ND	U
ADDITIONAL ANALYTES						
2,4,6-Trichlorophenol	LBS/DAY	17/8.7	ND	*	ND	*
2,4-Dinitrotoluene	LBS/DAY	24/12	ND	*	ND	*
alpha-BHC	LBS/DAY	0.04/0.013	ND	*	ND	*
bis (2-ethylhexyl) Phthalate	LBS/DAY	5.3/-	ND	*	ND	*
n-Nitrosodimethylamine	LBS/DAY	21.8/10.8	ND	*	ND	*
Pentachlorophenol	LBS/DAY	22/10.9	0.00	J* (DNQ)	ND	*
TCDD TEQ_NoDNQ	LBS/DAY	3.7E-08/1.9E-08	5.54E-08	*	8.12E-12	*

See attached notes for abbreviations, definitions and other explanations for the data presented.

OUTFALL 018 (R-2 Spillway)

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

May 1 through May 31, 2006

			5/17/2006	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**Result**	**CONCENTRATION RESULT VALIDATION QUALIFIER**
Biochemical Oxygen Demand (BOD 5 day)	LBS/DAY	40,032/26,700	0	*
Chloride	LBS/DAY	200,160/-	0	*
Surfactants (MBAS)	LBS/DAY	667/-	0	J, H* (DNQ)
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	10,700/-	ND	*
Oil & Grease	LBS/DAY	20,016/13,344	ND	*
Perchlorate	LBS/DAY	8/-	ND	*
Sulfate	LBS/DAY	400,320/-	0	*
Total Cyanide	LBS/DAY	11.3/5.7	ND	*
Total Dissolved Solids	LBS/DAY	1,270,000/-	0	*
Total Suspended Solids	LBS/DAY	60,048/20,016	0	*
METALS				
Cadmium	LBS/DAY	5.34/2.7	0	J* (DNQ)
Copper	LBS/DAY	18.7/9.5	0	*
Iron	LBS/DAY	400/-	0	*
Lead	LBS/DAY	6.94/3.5	0	J* (DNQ)
Mercury	LBS/DAY	0.13/0.07	ND	*
Selenium	LBS/DAY	10.9/5.5	0	J* (DNQ)
Zinc	LBS/DAY	159/72	ND	*
ORGANICS				
1,1-Dichloroethene	LBS/DAY	8/4.3	ND	*
Trichloroethene	LBS/DAY	6.7/-	ND	*
ADDITIONAL ANALYTES				
2,4,6-Trichlorophenol	LBS/DAY	17/8.7	ND	*
2,4-Dinitrotoluene	LBS/DAY	24/12	ND	*
alpha-BHC	LBS/DAY	0.04/0.013	ND	*
bis (2-ethylhexyl) Phthalate	LBS/DAY	5.3/-	0	B, J* (DNQ)
n-Nitrosodimethylamine	LBS/DAY	21.8/10.8	ND	*
Pentachlorophenol	LBS/DAY	22/10.9	ND	*
TCDD TEQ_NoDNQ	LBS/DAY	3.7E-08/1.9E-08	ND	*

See attached notes for abbreviations, definitions and other explanations for the data presented.

\\Uspas3s02\DEI\Rocketdyne SSFL\SSFL Permitting and Compliance\2nd Qrtr 2006 DMR\AppC.

APPENDIX D

2nd QUARTER 2006 OUTFALL 003 FOLLOW-ON RADIOLOGICAL MONITORING DATA

SECOND QUARTER 2006 REPORTING SUMMARY NOTES
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Notes:

1. For Dioxins and Furans, laboratory results may have been reported in picograms/liter (pg/L). However, the permit limit is stated in micrograms/liter (µg/L). To evaluate permit compliance, the laboratory results have been converted to µg/L, as necessary, to calculate the TCDD TEQ.

2. TCDD TEQs for the purpose of determining permit compliance are the sum of the products of the detected dioxin congener concentration multiplied by that congener's TEF. The resulting compliance TCDD TEQ does not include those congener concentrations that are reported as DNQ, as specified on Page 46 of the NPDES permit.

3. For some sample dates, pH was determined with a field instrument and was noted as such. These results were not validated. Since pH does not have an RL, the possible pH range is shown in the RL column.

4. The NPDES permit limits for mercury of 0.10 µg/L (Outfalls 1-2) and 0.13 µg/L (Outfalls 3-7) are not achievable by the laboratory; therefore, the laboratory reporting limit of 0.20 µg/L was used to determine compliance.

5. The volume discharged at the Alfa Test Stand (Outfall 012) is estimated based on the run time of the test.

6. For mass based results, the following assumptions and rationale were used:
   Daily Constituent Mass (lbs/day) = Constituent Concentration (mg/L) x 8.34 x Measured Outfall Flow (mgd) during the Flow Event.

   Monthly Average Constituent Mass (lbs/day) = Sum of all Daily Constituent Mass within a calendar month / Total Number of Days Flow Events Occurred during that month.

7. In calculating monthly average, one-half of the MDL was used for concentration results reported as ND. The estimated value was used for concentration results reported as DNQ. If all pollutants belonging to the same group are reported as ND or DNQ, the sum of the individual pollutant concentrations were considered zero for calculation of the monthly average.

8. All of the following abbreviations and/or notes may not occur on every table.

-92.9 +/-200	A negative radiochemical analytical result indicates the count rate of the sample was less than the background condition
$	reported result or other information was incorrectly reported by the laboratory; result was corrected by the data validator
--	based on validation of the data, a qualifier was not required
-/-	no permit limit established for daily maximum or monthly average
<(value)	analyte not detected at a concentration greater than or equal to the DL, MDL, or RL (see laboratory report for specific detail)
*	result not validated
*1	improper preservation of sample

SECOND QUARTER 2006 REPORTING SUMMARY NOTES
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

*2	the ICP/MS ppb check standard was recovered above the control limit; therefore, the constituent detected was qualified as estimated (J)
*3	initial and or continuing calibration recoveries were outside acceptable control limits
*4	Extractable Fuel Hydrocarbon (EFH) recovery was above control limit in the blank spike only and relative percent difference for the EFH blank spike/blank spike duplicate pair exceeded the quality control (QC) limit of </-25%
*5	blank spike/blank spike duplicate relative percent difference was outside the control limit
*7	BOD results were estimated due to method derivation
*10	value was estimated detect or estimated non detect (J,UJ) due to deficiencies in quantitation of the constituent including constituents reported by the laboratory as Estimated Maximum Possible Concentration (EMPC) values
*11	no calibration was performed for this compound; result is reported as a tentatively identified compound (TIC)
ANR	analysis not required; e.g., constituent or outfall was not required by the permit to be sampled and analyzed (annual, semi-annual, etc.)
B	laboratory method blank contamination
C	calibration %RSD or %D were noncompliant
C5	Calibration verification %R was outside method control limits
D	analysis with this flag should not be used because another more technically sound analysis is available
%D	percent difference between the initial and continuing calibration relative response factors
deg F	degrees Fahrenheit
DL	detection limit
DNQ	detected but not quantified (constituent value greater than or equal to the laboratory method detection limit and less then the laboratory reporting limit)
E	duplicates show poor agreement
H	holding time was exceeded
I	ICP interference check solution results were unsatisfactory
J	estimated value
K	The sample dilution's set-up did not meet the oxygen depletion criteria of at least 2 mg/l. Therefore, the reported result is an estimated value only.
L2	the laboratory control sample %R was below the method control limits
L	laboratory control sample %R was outside control limits
LOD	limit of detection
M1	matrix spike (MS) and/or MS duplicate were above the acceptance limits due to sample matrix interference
M2	the MS and/or MS duplicate were below the acceptance limits due to sample matrix interference
M-3	Results exceeded the linear range in the MS and/or MS duplicate and therefore are not available for reporting. The batch was accepted based on acceptable recovery in the Blank Spike (LCS).
MDA	minimum detectable activity
MDL	method detection limit
MGD	million gallons per day
mg/L	milligrams per liter
ml/L/hr	milliliters per liter per hour

SECOND QUARTER 2006 REPORTING SUMMARY NOTES
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

NA	not applicable; no permit limit established for the constituent and/or outfall
ND	analyte value less than the LOD or MDL
NM	not measured or determined
NTU	nephelometric turbidity unit
pCi/L	picocurries per liter
pg/L	picograms per liter
Q	matrix spike recovery outside of control limits
R	as a validation qualifier, results are rejected; the presence or absence of analyte cannot be verified
R	(reason code in parentheses) %R for calibration not within control limits
RL	laboratory reporting limit
RL-1	reporting limit raised due to sample matrix effects
%RSD	percent relative standard deviation
S	surrogate recovery was outside control limits
TEQ	toxic equivalent
T	presumed contamination, as indicated by a detect in the trip blank
TU_c	toxicity units (chronic)
U	result not detected
µg/L	micrograms per liter
UJ	result not detected at the estimated reporting limit
umhos/cm	micromhos per centimeter
WHO TEF	World Health Organization toxic equivalency factor
^	analysis not completed due to hold time exceedence or insufficient sample volume
+	False positive – reported compound was not present. Not applicable.

OUTFALL 003 (RMHF)
Follow-on Radiological Monitoring Data

SECOND QUARTER 2006 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

April 1 through April 30, 2006

			4/4/2006		
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**MDA**	**VALIDATION QUALIFIER**
RADIOACTIVITY					
Gross Alpha (filtered)	pCi/L	15/-	ANR	ANR	ANR
Gross Alpha (unfiltered)	pCi/L	15/-	ANR	ANR	ANR
Gross Beta (filtered)	pCi/L	50/-	ANR	ANR	ANR
Gross Beta (unfiltered)	pCi/L	50/-	ANR	ANR	ANR
Strontium-90 (filtered)	pCi/L	8.0/-	ANR	ANR	ANR
Strontium-90 (unfiltered)	pCi/L	8.0/-	3.76 ±0.47	0.395	J (H)
Total Combined Radium-226 & Radium 228 (filtered)	pCi/L	5.0/-	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228 (unfiltered)	pCi/L	5.0/-	ANR	ANR	ANR
Tritium (filtered)	pCi/L	20000/-	ANR	ANR	ANR
Tritium (unfiltered)	pCi/L	20000/-	ANR	ANR	ANR

APPENDIX E

2nd QUARTER 2006 SUMMARY OF PERMIT LIMIT EXCEEDANCES

SECOND QUARTER 2006 REPORTING SUMMARY NOTES
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Notes:

1. For Dioxins and Furans, laboratory results may have been reported in picograms/liter (pg/L). However, the permit limit is stated in micrograms/liter (µg/L). To evaluate permit compliance, the laboratory results have been converted to µg/L, as necessary, to calculate the TCDD TEQ.

2. TCDD TEQs for the purpose of determining permit compliance are the sum of the products of the detected dioxin congener concentration multiplied by that congener's TEF. The resulting compliance TCDD TEQ does not include those congener concentrations that are reported as DNQ, as specified on Page 46 of the NPDES permit.

3. For some sample dates, pH was determined with a field instrument and was noted as such. These results were not validated. Since pH does not have an RL, the possible pH range is shown in the RL column.

4. The NPDES permit limits for mercury of 0.10 µg/L (Outfalls 1-2) and 0.13 µg/L (Outfalls 3-7) are not achievable by the laboratory; therefore, the laboratory reporting limit of 0.20 µg/L was used to determine compliance.

5. The volume discharged at the Alfa Test Stand (Outfall 012) is estimated based on the run time of the test.

6. For mass based results, the following assumptions and rationale were used:
   Daily Constituent Mass (lbs/day) = Constituent Concentration (mg/L) x 8.34 x Measured Outfall Flow (mgd) during the Flow Event.

   Monthly Average Constituent Mass (lbs/day) = Sum of all Daily Constituent Mass within a calendar month / Total Number of Days Flow Events Occurred during that month.

7. In calculating monthly average, one-half of the MDL was used for concentration results reported as ND. The estimated value was used for concentration results reported as DNQ. If all pollutants belonging to the same group are reported as ND or DNQ, the sum of the individual pollutant concentrations were considered zero for calculation of the monthly average.

8. All of the following abbreviations and/or notes may not occur on every table.

-92.9 +/-200	A negative radiochemical analytical result indicates the count rate of the sample was less than the background condition
$	reported result or other information was incorrectly reported by the laboratory; result was corrected by the data validator
--	based on validation of the data, a qualifier was not required
-/-	no permit limit established for daily maximum or monthly average
<(value)	analyte not detected at a concentration greater than or equal to the DL, MDL, or RL (see laboratory report for specific detail)
*	result not validated
*1	improper preservation of sample

SECOND QUARTER 2006 REPORTING SUMMARY NOTES
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

*2	the ICP/MS ppb check standard was recovered above the control limit; therefore, the constituent detected was qualified as estimated (J)
*3	initial and or continuing calibration recoveries were outside acceptable control limits
*4	Extractable Fuel Hydrocarbon (EFH) recovery was above control limit in the blank spike only and relative percent difference for the EFH blank spike/blank spike duplicate pair exceeded the quality control (QC) limit of </-25%
*5	blank spike/blank spike duplicate relative percent difference was outside the control limit
*7	BOD results were estimated due to method derivation
*10	value was estimated detect or estimated non detect (J,UJ) due to deficiencies in quantitation of the constituent including constituents reported by the laboratory as Estimated Maximum Possible Concentration (EMPC) values
*11	no calibration was performed for this compound; result is reported as a tentatively identified compound (TIC)
ANR	analysis not required; e.g., constituent or outfall was not required by the permit to be sampled and analyzed (annual, semi-annual, etc.)
B	laboratory method blank contamination
C	calibration %RSD or %D were noncompliant
C5	Calibration verification %R was outside method control limits
D	analysis with this flag should not be used because another more technically sound analysis is available
%D	percent difference between the initial and continuing calibration relative response factors
deg F	degrees Fahrenheit
DL	detection limit
DNQ	detected but not quantified (constituent value greater than or equal to the laboratory method detection limit and less then the laboratory reporting limit)
E	duplicates show poor agreement
H	holding time was exceeded
I	ICP interference check solution results were unsatisfactory
J	estimated value
K	The sample dilution's set-up did not meet the oxygen depletion criteria of at least 2 mg/l. Therefore, the reported result is an estimated value only.
L2	the laboratory control sample %R was below the method control limits
L	laboratory control sample %R was outside control limits
LOD	limit of detection
M1	matrix spike (MS) and/or MS duplicate were above the acceptance limits due to sample matrix interference
M2	the MS and/or MS duplicate were below the acceptance limits due to sample matrix interference
M-3	Results exceeded the linear range in the MS and/or MS duplicate and therefore are not available for reporting. The batch was accepted based on acceptable recovery in the Blank Spike (LCS).
MDA	minimum detectable activity
MDL	method detection limit
MGD	million gallons per day
mg/L	milligrams per liter
ml/L/hr	milliliters per liter per hour

SECOND QUARTER 2006 REPORTING SUMMARY NOTES
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

NA	not applicable; no permit limit established for the constituent and/or outfall
ND	analyte value less than the LOD or MDL
NM	not measured or determined
NTU	nephelometric turbidity unit
pCi/L	picocurries per liter
pg/L	picograms per liter
Q	matrix spike recovery outside of control limits
R	as a validation qualifier, results are rejected; the presence or absence of analyte cannot be verified
R	(reason code in parentheses) %R for calibration not within control limits
RL	laboratory reporting limit
RL-1	reporting limit raised due to sample matrix effects
%RSD	percent relative standard deviation
S	surrogate recovery was outside control limits
TEQ	toxic equivalent
T	presumed contamination, as indicated by a detect in the trip blank
TU_c	toxicity units (chronic)
U	result not detected
µg/L	micrograms per liter
UJ	result not detected at the estimated reporting limit
umhos/cm	micromhos per centimeter
WHO TEF	World Health Organization toxic equivalency factor
^	analysis not completed due to hold time exceedence or insufficient sample volume
+	False positive – reported compound was not present. Not applicable.

SUMMARY OF PERMIT LIMIT EXCEEDANCES

SECOND QUARTER 2006
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

DAILY MAX PERMIT LIMIT EXCEEDANCES

OUTFALL	LOCATIONS	SAMPLE DATE	ANALYTE	PERMIT LIMIT DAILY MAX/ MONTHLY AVERAGE	DAILY MAX RESULT	UNITS	VALIDATION QUALIFIER
Outfall 001	South Slope below Perimeter Pond	05-Apr-06	Iron	0.3/-	3.1	mg/L	--
Outfall 001	South Slope below Perimeter Pond	05-Apr-06	TCDD TEQ_NoDNQ	2.80E-08/1.40E-08	3.82E-07	ug/L	--
Outfall 001	South Slope below Perimeter Pond	15-Apr-06	Iron	0.3/-	1.8	mg/L	--
Outfall 002	South Slope below R-2 Pond	04-Apr-06	Lead	5.2/2.6	6.9	ug/L	--
Outfall 002	South Slope below R-2 Pond	04-Apr-06	TCDD TEQ_NoDNQ	2.80E-08/1.40E-08	2.32E-06	ug/L	--
Outfall 002	South Slope below R-2 Pond	11-May-06	Lead	5.2/2.6	12	ug/L	--
Outfall 004	SRE	04-Apr-06	TCDD TEQ_NoDNQ	2.80E-08	8.37E-07	ug/L	--
Outfall 004	SRE	14-Apr-06	TCDD TEQ_NoDNQ	2.80E-08	7.65E-07	ug/L	--
Outfall 005	FSDF-1	05-Apr-06	Nitrate + Nitrite as Nitrogen (N)	10/-	23	mg/L	--
Outfall 005	FSDF-1	15-Apr-06	Nitrate + Nitrite as Nitrogen (N)	10/-	22	mg/L	--
Outfall 005	FSDF-1	15-Apr-06	TCDD TEQ_NoDNQ	2.80E-08	3.38E-07	ug/L	--
Outfall 007	Building 100	05-Apr-06	Copper	14.0/-	25	ug/L	--
Outfall 007	Building 100	05-Apr-06	Lead	5.2/-	18	ug/L	--
Outfall 007	Building 100	05-Apr-06	TCDD TEQ_NoDNQ	2.80E-08	7.69E-07	ug/L	--
Outfall 008	Happy Valley Drainage	15-Apr-06	Lead	5.2/-	18	ug/L	--
Outfall 009	WS-13 Drainage	04-Apr-06	Copper	14.0/-	26	ug/L	--
Outfall 009	WS-13 Drainage	04-Apr-06	Lead	5.2/-	64	ug/L	--
Outfall 009	WS-13 Drainage	04-Apr-06	TCDD TEQ_NoDNQ	2.80E-08	1.77E-05	ug/L	--
Outfall 010	Building 203	05-Apr-06	TCDD TEQ_NoDNQ	2.80E-08	5.70E-07	ug/L	--
Outfall 011-grab	Perimeter Pond Weir	05-Apr-06	TCDD TEQ_NoDNQ	2.80E-08/1.40E-08	5.14E-07	ug/L	--
Outfall 018	R-2 Spillway	04-Apr-06	TCDD TEQ_NoDNQ	2.80E-08/1.40E-08	1.26E-06	ug/L	--

MASS-BASED DAILY MAX PERMIT LIMIT EXCEEDANCES

OUTFALL	LOCATIONS	SAMPLE DATE	ANALYTE	MASS-BASED PERMIT LIMIT DAILY MAX/ MONTHLY AVERAGE	DAILY MAX MASS-LOADING RESULT	UNITS	VALIDATION QUALIFIER
Outfall 002	South Slope below R-2 Pond	04-Apr-06	TCDD TEQ_NoDNQ	3.7E-08/1.9E-08	1.48E-07	lbs/day	--
Outfall 018	R-2 Spillway	04-Apr-06	TCDD TEQ_NoDNQ	3.7E-08/1.9E-08	5.54E-08	lbs/day	--

SUMMARY OF PERMIT LIMIT EXCEEDANCES

SECOND QUARTER 2006
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

MONTHLY AVERAGE PERMIT LIMIT EXCEEDANCES

OUTFALL	LOCATIONS	SAMPLE DATE	ANALYTE	PERMIT LIMIT DAILY MAX/ MONTHLY AVERAGE	MONTHLY AVERAGE RESULT	UNITS	VALIDATION QUALIFIER
Outfall 001	South Slope below Perimeter Pond	Apr-06	Lead	5.2/2.6	2.95	ug/L	*
Outfall 001	South Slope below Perimeter Pond	Apr-06	TCDD TEQ_NoDNQ	2.80E-08/1.40E-08	1.95E-07	ug/L	*
Outfall 002	South Slope below R-2 Pond	May-06	Lead	5.2/2.6	12	ug/L	--
Outfall 011-grab	Perimeter Pond Weir	Apr-06	Lead	5.2/2.6	3.7	ug/L	*
Outfall 011-grab	Perimeter Pond Weir	Apr-06	TCDD TEQ_NoDNQ	2.80E-08/1.40E-08	5.14E-07	ug/L	*
Outfall 018	R-2 Spillway	Apr-06	TCDD TEQ_NoDNQ	2.80E-08/1.40E-08	6.38E-07	ug/L	*
Outfall 018	R-2 Spillway	May-06	Total Suspended Solids	15	20	mg/L	*

MASS-BASED MONTHLY AVERAGE PERMIT LIMIT EXCEEDANCES

OUTFALL	LOCATIONS	SAMPLE DATE	ANALYTE	MASS-BASED PERMIT LIMIT DAILY MAX/ MONTHLY AVERAGE	DAILY MAX MASS-LOADING RESULT	UNITS	VALIDATION QUALIFIER
No Observed Monthly Average Mass Exceedances for 2nd Quarter 2006							

See attached notes for abbreviations, definitions, and other explanations for the data presented in this table.

The State Water Resources Control Board ("State Board") issued Order WQ 2006-0002 on April 7, 2006, placing a stay on the following permit limits.

Outfalls 001 & 002: chromium, copper, iron, lead, manganese, mercury, nitrate-n, nitrite-n, selenium, and TCDD.

Outfalls 003-010: antimony, cademium, copper, lead, mercury, TCDD, and Total Dissolved Solids.

Outfall 008: ammonia-n, nitrate-n, nitrite-n, selenium, and zinc.

Outfalls 011 & 018: ammonia-n, chromium, copper, iron, lead, manganese, mercury, nitrate-n, nitrite-n, selenium, and TCDD.

The State Board later vacated this order on June 21, 2006.

APPENDIX F

2nd QUARTER 2006 REASONABLE POTENTIAL ANALYSIS (RPA) SUMMARY TABLES

SECOND QUARTER 2006 REASONABLE POTENTIAL ANALYSIS SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

1. The following Reasonable Potential Analysis (RPA) provides the analytical results as performed by the procedures outlined in "Reasonable Potential Analysis Methodology Technical Memo, (MWH and Flow Science, 2006).

2. The monitoring data set utilized to conduct the RPA consists of all applicable and relevant data from August 2004 to present.

3. As directed by the CTR and the Regional Water Control Board 2,3,7,8 TCDD (Dioxin) values are to be expressed in NPDES permitting and this RPA as TCDD Total Equivalence units (TEQs). A TCDD TEQ is determined by multiplying each of the seventeen dioxin and furan congeners by their respective total equivalence factor (TEF), and summing the results of those products. For the purposes of this RPA, the resulting TCDD TEQ does not include those congener concentrations that are reported as DNQ, as specified on Page 46 of the NPDES permit.

4. In calculating the average, standard deviation, coefficient of variation, and projected maximum effluent concentration (99/99), one-half of the MDL was used for concentration results reported as ND. Data reported with qualifiers, to include J, U, B, and DNQ qualifiers, were not included in this RPA as Boeing believes qualified data are not "appropriate, valid, relevant, (nor) representative"[1] of storm water constituents and are therefore not to be utilized in its RPA..

5. All of the following abbreviations and/or notes may not occur on every table.

Definition of Acronyms, Abbreviations, and Terminology Used

>=	Greater than or equal to
*	Freshwater aquatic life criteria for metals are expressed as a function of total hardness (mg/L) in the water body. The equations are provided in the CTR, (US EPA, 2000). Values displayed correspond to a total hardness of 100 mg/l.
µg/L	Concentration units, micrograms per liter
All Data Qualified	All available monitoring data are qualified and no statistical analysis is performed.
Annually	The 2006 NPDES Permit requires annual monitoring.
Available Data < DL	All available monitoring data that are not qualified, are below detection limits.
B	Background
C	Concentration
CCC	Criterion Continuous Concentration
CMC	Criterion Maximum Concentration
CTR	California Toxics Rule
CV	Coefficient of Variation
DL	Detection Limit
EPA TSD	EPA's Technical Support Document for Water Quality Based Toxics Control, (see references).

[1] SIP, p. 5.

SECOND QUARTER 2006 REASONABLE POTENTIAL ANALYSIS SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Definition of Acronyms, Abbreviations, and Terminology Used (Continued)

Fibers/L	Units for asbestos concentration, fibers per liter
HH O	Human Health criteria for consumption of Organisms only
HH W&O	Human Health criteria for consumption of Water and Organisms
MEC	Maximum Observed Effluent Concentration
Min	Minimum
NA	Not Applicable
Narrative	Water quality criteria are expressed as a narrative objective rather than a numeric objective, and therefore are not part of the statistical RPA calculations.
None	No available CTR or Basin Plan criteria.
pH Dependant	CTR Criteria are based on pH.
Once Per Discharge	The 2006 NPDES Permit requires monitoring once per discharge event.
Qualified Data	Data qualifier definitions are: (a) J- The reported result is an estimate. The value is less than the minimum calibration level but greater than the estimated detection limit (EDL), (b) U- The analyte was not detected in the sample at the estimated detection limit (EDL), (c) B- Analyte found in sample and associated blank, and (d) DNQ- Detected Not Quantified.
Reserved	EPA has reserved the CTR criteria.
RPA	Reasonable Potential Analysis
SIP	The State Water Resources Control Board "Policy for Implementation of Toxics Standards for Inland Surface Waters, Enclosed Bays, and Estuaries of California," (see references).
Tot	Total

Priority Pollutant RPA Column Explanation

CTR	Provides CTR constituent reference number.
Constituent	Provides CTR constituent common name.
Units	Provides the data set's concentration units as referenced by 2006 NPDES Permit.
MEC	Provides the outfall monitoring group's maximum value from the applicable data set.
CV	Equal to the standard deviation divided by the average of the applicable data set. If the number of samples is less than 10, the CV is assumed to be 0.6.
Step 1 identifies all applicable water quality criteria.	
CTR Criteria	Concentration criteria as listed in the CTR.
CMC = Acute	The Freshwater CMC is listed as the acute concentration criterion.
CCC = Chronic	The Freshwater CCC is listed as the chronic concentration criterion.
HH W& O(Not App)	The HH W&O is deemed not applicable based on past Regional Board RPAs.
HH O = HH	The HH O is listed as the CTR human health concentration criterion.
Basin Plan Criteria	Applicable Basin Plan Criteria are listed for the Los Angeles River and/or Calleguas Creek watersheds.
C = Lowest Criteria	The comparison concentration (C) is equal to the lowest criterion for a constituent based on the CMC, CCC, HH O, and Basin Plan Criteria listed.

SECOND QUARTER 2006 REASONABLE POTENTIAL ANALYSIS SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Priority Pollutant RPA Column Explanation (Continued)

Step 2 defines the applicable data set.	
Is Effluent Data Available	If there is available monitoring data that is not qualified and above DL, then YES. If not, then NO.
Step 3 determines the maximum observed effluent concentration.	
Was Constituent Detected in Effluent Data	If the constituent was detected, then YES. If all monitoring data are non-detect or qualified then NO.
Are all DL >C	If constituent was detected in effluent data then not applicable (NA). If constituent was not detected and all analysis detection limits are less than the comparison concentration, then YES, if not then NO.
If DL > C MEC = Min (DL)	If the previous cell answer was yes, then the MEC is equal to the minimum detection limit. If not, then NA.
Step 4 compares the MEC to the lowest applicable water quality criteria.	
MEC >= C	If the MEC is greater than or equal to the comparison concentration then YES, if not then NO.
Tier 1 – Need limit?	If the preceding cell was YES, then YES.

Note: Steps 5 and 6 of the Priority Pollutant RPA do not apply to Boeing SSFL because the Regional Board gives no consideration for receiving water background constituent concentrations. Furthermore, Boeing SSFL defers the application of best professional judgment in Step 7 and final determination of reasonable potential in Step 8 to the Regional Board Staff.

Nonpriority Pollutant RPA Column Explanation

Constituent	Provides the Non Priority Pollutant constituent common name
Monitoring	Provides the 2006 NPDES Permit directed monitoring frequency
Units	Provides the data set's concentration units as referenced by 2006 NPDES Permit
Number of Samples	Provides the number of available samples that are not qualified
MEC	Provides the outfall monitoring group's maximum value from the applicable data set
CV	Equal to the standard deviation divided by the average of the applicable data set. If the number of samples is less than 10, the CV is assumed to be 0.6.
Multiplier	Utilizes the EPA's TSD calculation to determine multiplier for which the maximum effluent concentration is calculated. (MWH and Flow Science, 2006, or EPA TSD, 1991)
Projected Maximum Effluent Concentration	Utilizes the product of the multiplier and the MEC as an estimate for the projected maximum effluent concentration.
Dilution Ratio	The Regional Board allocates no dilution ratio to Boeing SSFL.
Background Concentration	The Regional Board allocates no background concentration to Boeing SSFL.
Projected Maximum Receiving Water Concentration	The Regional Board estimates the projected maximum receiving water concentration as equal to the projected maximum effluent concentration.

Nonpriority Pollutant RPA Column Explanation (Continued)

Step 1, Determine Water Quality Objectives	The water quality objective is based on appropriate Basin Plan criteria.
BU – Benneficial Use Protection, NC – Human noncarcinogen, AP- Aquatic Life Protection, TMDL – Total Maximum Daily Load	This is the Regional Board's Basis for determining if reasonable potential should be evaluated for a non-priority pollutant.

Note: Boeing SSFL has completed appropriate statistical calculations, but defers the application of best professional judgment and the final determination of reasonable potential to the Regional Board Staff.

References

Los Angeles Regional Water Quality Control Board, "Basin Plan for the Coastal Watersheds of Los Angeles and Ventura Counties, (Basin Plan)." June 13, 1994.

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

State Water Resources Control Board, "Policy for Implementation of Toxics Standards for Inland Surface Waters, Enclosed Bays, and Estuaries of California, (SIP)" Resolution No. 2005-0019, February 24, 2005.

US EPA, *40CFR part 131, Water Quality Standards; Establishment of numeric Criteria for Priority Toxic Pollutants for the State of California*,(CTR) Federal Registry, May 18, 2000, pp. 31682-31719.

US EPA, "Technical Support Document for Water Quality-based Toxics Control." EPA/505/2-90-001, PB-91-127415, March 1991.

Table F1
REASONABLE POTENTIAL ANALYSIS FOR PRIORITY POLLUTANTS, (OUTFALLS 001, 002, 011, and 018)

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					Step 1: Water Quality Criteria, Determine C						Step 2	Step 3			Step 4
					CTR CRITERIA										
					Freshwater		Human Health		Basin Plan						
CTR	Constituent	Units	MEC	CV	CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH	Title 22 GWR	C = Lowest Criteria	Is Effluent Data Available	Was Constituent Detected in Effluent Data	Are all Detection Limits > C	If DL > C, MEC = Min (DL)	MEC >= C
1	Antimony	µg/L	Available Data <DL	0.60	NONE	NONE	14	4300	6	6	NO	NO	NO	NA	NO
2	Arsenic	µg/L	6.7	0.60	340	150	NONE	NONE	50	50	YES	YES	NA	NA	NO
3	Beryllium	µg/L	Available Data <DL	0.60	NONE	NONE	Narrative	Narrative	4	4	NO	NO	NO	NA	NO
4	Cadmium*	µg/L	All Data Qualified	0.60	4.5	2.46	Narrative	Narrative	5	2.5	NO	NO	NA	NA	NO
5	Chromium III*	µg/L	100	0.60	1737	207	Narrative	Narrative	NONE	207.0	YES	YES	NA	NA	NO
5	Chromium VI	µg/L	Available Data <DL	0.60	16.3	11.4	Narrative	Narrative	50	11.4	NO	NO	NO	NA	NO
6	Copper*	µg/L	55	1.27	14.0	9.3	1300	NONE	NONE	9.3	YES	YES	NA	NA	YES
7	Lead*	µg/L	160	3.97	81.6	3.2	Narrative	Narrative	NONE	3.2	YES	YES	NA	NA	YES
8	Mercury	µg/L	0.32	1.29	Reserved	Reserved	0.05	0.051	2	0.051	YES	YES	NA	NA	YES
9	Nickel*	µg/L	23	0.60	469.17	52.16	610	4600	100	52.2	YES	YES	NA	NA	NO
10	Selenium	µg/L	Available Data <DL	0.60	Reserved	5	Narrative	Narrative	50	5	NO	NO	NO	NA	NO
11	Silver*	µg/L	Available Data <DL	0.60	4.06	none	NONE	NONE	NONE	4.1	NO	NO	NO	NA	NO
12	Thallium	µg/L	Available Data <DL	0.60	NONE	NONE	1.7	6.3	2	2	NO	NO	NO	NA	NO
13	Zinc*	µg/L	270	1.82	120	120	NONE	NONE	NONE	119.8	YES	YES	NA	NA	YES
14	Cyanide	µg/L	18	1.50	22	5.2	700	220,000	200	5.2	YES	YES	NA	NA	YES
15	Asbestos	Fibers/L	No Data Available	0.60	NONE	NONE	7,000,000	NONE	7,000,000	7,000,000	NO	NO	NO	NA	NO
16	2,3,7,8-TCDD (Dioxin) [See RPA Summary Note (3)]	µg/L	4.60E-06	2.69	NONE	NONE	1.3E-08	1.4E-08	3.0E-05	1.4E-08	YES	YES	NA	NA	YES
17	Acrolein	µg/L	All Data Qualified	0.60	NONE	NONE	320	780	NONE	780	NO	NO	NO	NA	NO
18	Acrylonitrile	µg/L	All Data Qualified	0.60	NONE	NONE	0.059	0.66	NONE	0.66	NO	NO	NO	NA	NO
19	Benzene	µg/L	All Data Qualified	0.60	NONE	NONE	1.2	71	1	1	NO	NO	NO	NA	NO
20	Bromoform	µg/L	All Data Qualified	0.60	NONE	NONE	4.3	360	NONE	360	NO	NO	NO	NA	NO
21	Carbon Tetrahloride	µg/L	All Data Qualified	0.60	NONE	NONE	0.25	4.4	600	4.4	NO	NO	NO	NA	NO

Table F1
REASONABLE POTENTIAL ANALYSIS FOR PRIORITY POLLUTANTS, (OUTFALLS 001, 002, 011, and 018)

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					Step 1: Water Quality Criteria, Determine C						Step 2	Step 3			Step 4
					CTR CRITERIA										
					Freshwater		Human Health		Basin Plan						
CTR	Constituent	Units	MEC	CV	CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH	Title 22 GWR	C = Lowest Criteria	Is Effluent Data Available	Was Constituent Detected in Effluent Data	Are all Detection Limits > C	If DL > C, MEC = Min (DL)	MEC >= C
22	Chlorobenzene	µg/L	All Data Qualified	0.60	NONE	NONE	680	21,000	NONE	21,000	NO	NO	NO	NA	NO
23	Dibromochloromethane	µg/L	All Data Qualified	0.60	NONE	NONE	0.401	34	NONE	34	NO	NO	NO	NA	NO
24	Chloroethane	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
25	2-Chloroethyl vinyl ether	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
26	Chloroform	µg/L	All Data Qualified	0.60	NONE	NONE	Reserved	Reserved	NONE	None	NO	NO	NO	NA	NO
27	Dichlorobromomethane	µg/L	All Data Qualified	0.60	NONE	NONE	0.56	46	NONE	46	NO	NO	NO	NA	NO
28	1,1-Dichloroethane	µg/L	Available Data <DL	0.60	NONE	NONE	NONE	NONE	5	5	NO	NO	NO	NA	NO
29	1,2-Dichloroethane	µg/L	All Data Qualified	0.60	NONE	NONE	0.38	99	0.5	0.5	NO	NO	NO	NA	NO
30	1,1-Dichloroethylene	µg/L	Available Data <DL	0.60	NONE	NONE	0.057	3.2	6	3.2	NO	NO	NO	NA	NO
31	1,2-Dichloropropane	µg/L	All Data Qualified	0.60	NONE	NONE	0.52	39	5	5	NO	NO	NO	NA	NO
32	1,3-Dichloropropylene	µg/L	All Data Qualified	0.60	NONE	NONE	10	1,700	0.5	0.5	NO	NO	NO	NA	NO
33	Ethylbenzene	µg/L	Available Data <DL	0.60	NONE	NONE	3100	29,000	0.7	0.7	NO	NO	NO	NA	NO
34	Methyl bromide	µg/L	All Data Qualified	0.60	NONE	NONE	48	4,000	NONE	4000	NO	NO	NO	NA	NO
35	Methyl chloride	µg/L	All Data Qualified	0.60	NONE	NONE	Narrative	Narrative	NONE	None	NO	NO	NO	NA	NO
36	Methylene chloride	µg/L	All Data Qualified	0.60	NONE	NONE	4.7	1,600	NONE	1600	NO	NO	NO	NA	NO
37	1,1,2,2-Tetrachloroethane	µg/L	All Data Qualified	0.60	NONE	NONE	0.17	11	1	1	NO	NO	NO	NA	NO
38	Tetrachloroethylene	µg/L	All Data Qualified	0.60	NONE	NONE	0.8	8.85	5	5	NO	NO	NO	NA	NO
39	Toluene	µg/L	All Data Qualified	0.60	NONE	NONE	6800	200,000	150	150	NO	NO	NO	NA	NO
40	1,2-Trans-Dichloroethylene	µg/L	All Data Qualified	0.60	NONE	NONE	700	140,000	10	10	NO	NO	NO	NA	NO
41	1,1,1-Trichloroethane	µg/L	All Data Qualified	0.60	NONE	NONE	Narrative	Narrative	200	200	NO	NO	NO	NA	NO
42	1,1,2-Trichloroethane	µg/L	All Data Qualified	0.60	NONE	NONE	0.6	42	5	5	NO	NO	NO	NA	NO
43	Trichloroethylene	µg/L	All Data Qualified	0.60	NONE	NONE	2.7	81	5	5	NO	NO	NO	NA	NO

Table F1
REASONABLE POTENTIAL ANALYSIS FOR PRIORITY POLLUTANTS, (OUTFALLS 001, 002, 011, and 018)

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					Step 1: Water Quality Criteria, Determine C						Step 2	Step 3			Step 4
					CTR CRITERIA				Basin Plan						
					Freshwater		Human Health								
CTR	Constituent	Units	MEC	CV	CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH	Title 22 GWR	C = Lowest Criteria	Is Effluent Data Available	Was Constituent Detected in Effluent Data	Are all Detection Limits > C	If DL > C, MEC = Min (DL)	MEC >= C
44	Vinyl chloride	µg/L	All Data Qualified	0.60	NONE	NONE	2	525	0.5	0.5	NO	NO	NO	NA	NO
45	2-Chlorophenol	µg/L	All Data Qualified	0.60	NONE	NONE	120	400	NONE	400	NO	NO	NO	NA	NO
46	2,4-Dichlorophenol	µg/L	All Data Qualified	0.60	NONE	NONE	93	790	NONE	790	NO	NO	NO	NA	NO
47	2,4-Dimethylphenol	µg/L	All Data Qualified	0.60	NONE	NONE	540	2,300	NONE	2,300	NO	NO	NO	NA	NO
48	4,6-dinitro-o-resol (aka2-methyl-4,6-Dinitrophenol)	µg/L	All Data Qualified	0.60	NONE	NONE	13.4	765	NONE	765	NO	NO	NO	NA	NO
49	2,4-Dinitrophenol	µg/L	All Data Qualified	0.60	NONE	NONE	70	14,000	NONE	14,000	NO	NO	NO	NA	NO
50	2-Nitrophenol	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
51	4-Nitrophenol	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
52	3-Methyl-4-Chlorophenol (aka P-chloro-m-resol)	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
53	Pentachlorophenol	µg/L	Available Data <DL	0.68	pH dependent	pH dependent	0.28	8.2	1	1	NO	NO	NO	NA	NO
54	Phenol	µg/L	All Data Qualified	0.60	NONE	NONE	21,000	4,600,000	NONE	4,600,000	NO	NO	NO	NA	NO
55	2,4,6-Trichlorophenol	µg/L	Available Data <DL	0.40	NONE	NONE	2.1	6.5	NONE	6.5	NO	NO	NO	NA	NO
56	Acenaphthene	µg/L	All Data Qualified	0.60	NONE	NONE	1200	2,700	NONE	2700	NO	NO	NO	NA	NO
57	Acenaphthylene	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
58	Anthracene	µg/L	All Data Qualified	0.60	NONE	NONE	9600	110,000	NONE	110,000	NO	NO	NO	NA	NO
59	Benzidine	µg/L	All Data Qualified	0.60	NONE	NONE	0.00012	0.00054	NONE	0.00054	NO	NO	NO	NA	NO
60	Benzo(a)Anthracene	µg/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	NO	NO	NO	NA	NO
61	Benzo(a)Pyrene	µg/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	NO	NO	NO	NA	NO
62	Benzo(b)Fluoranthene	µg/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	NO	NO	NO	NA	NO
63	Benzo(ghi)Perylene	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
64	Benzo(k)Fluoranthene	µg/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	NO	NO	NO	NA	NO
65	Bis(2-Chloroethoxy) methane	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO

Table F1
REASONABLE POTENTIAL ANALYSIS FOR PRIORITY POLLUTANTS, (OUTFALLS 001, 002, 011, and 018)

THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					Step 1: Water Quality Criteria, Determine C						Step 2	Step 3			Step 4
					CTR CRITERIA										
					Freshwater		Human Health		Basin Plan						
CTR	Constituent	Units	MEC	CV	CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH	Title 22 GWR	C = Lowest Criteria	Is Effluent Data Available	Was Constituent Detected in Effluent Data	Are all Detection Limits > C	If DL > C, MEC = Min (DL)	MEC >= C
66	Bis(2-Chloroethyl)Ether	µg/L	All Data Qualified	0.60	NONE	NONE	0.031	1.4	NONE	1.4	NO	NO	NO	NA	NO
67	Bis(2-Chloroisopropyl) Ether	µg/L	All Data Qualified	0.60	NONE	NONE	1400	170,000	NONE	170,000	NO	NO	NO	NA	NO
68	Bis(2-Ethylhexyl) Phthalate	µg/L	2.1	0.60	NONE	NONE	1.8	5.9	4	4	YES	YES	NA	NA	NO
69	4-Bromophenyl Phenyl Ether	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
70	Butylbenzyl Phthalate	µg/L	All Data Qualified	0.60	NONE	NONE	3000	5,200	NONE	5,200	NO	NO	NO	NA	NO
71	2-Chloronaphthalene	µg/L	All Data Qualified	0.60	NONE	NONE	1700	4,300	NONE	4,300	NO	NO	NO	NA	NO
72	4-Chlorophenyl Phenyl Ether	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
73	Chrysene	µg/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	NO	NO	NO	NA	NO
74	Dibenzo(a,h)Anthracene	µg/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	NO	NO	NO	NA	NO
75	1,2-Dichlorobenzene	µg/L	All Data Qualified	0.60	NONE	NONE	2700	17,000	600	600	NO	NO	NO	NA	NO
76	1,3-Dichlorobenzene	µg/L	All Data Qualified	0.60	NONE	NONE	400	2,600	NONE	2600	NO	NO	NO	NA	NO
77	1,4-Dichlorobenzene	µg/L	All Data Qualified	0.60	NONE	NONE	400	2,600	5	5	NO	NO	NO	NA	NO
78	3,3'-Dichlorobenzidine	µg/L	All Data Qualified	0.60	NONE	NONE	0.04	0.077	NONE	0.077	NO	NO	NO	NA	NO
79	Diethyl Phthalate	µg/L	All Data Qualified	0.60	NONE	NONE	23000	120,000	NONE	120,000	NO	NO	NO	NA	NO
80	Dimethyl Phthalate	µg/L	All Data Qualified	0.60	NONE	NONE	313000	2,900,000	NONE	2,900,000	NO	NO	NO	NA	NO
81	Di-n-Butyl Phthalate	µg/L	All Data Qualified	0.60	NONE	NONE	2700	12,000	NONE	12,000	NO	NO	NO	NA	NO
82	2,4-Dinitrotoluene	µg/L	Available Data <DL	0.43	NONE	NONE	0.11	9.1	NONE	9.1	NO	NO	NO	NA	NO
83	2,6-Dinitrotoluene	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
84	Di-n-Octyl Phthalate	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
85	1,2-Diphenylhydrazine	µg/L	All Data Qualified	0.60	NONE	NONE	0.04	0.54	NONE	0.54	NO	NO	NO	NA	NO
86	Fluoranthene	µg/L	All Data Qualified	0.60	NONE	NONE	300	370	NONE	370	NO	NO	NO	NA	NO
87	Fluorene	µg/L	All Data Qualified	0.60	NONE	NONE	1300	14,000	NONE	14,000	NO	NO	NO	NA	NO

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THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					Step 1: Water Quality Criteria, Determine C						Step 2	Step 3			Step 4
					CTR CRITERIA				Basin Plan						
					Freshwater		Human Health								
CTR	Constituent	Units	MEC	CV	CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH	Title 22 GWR	C = Lowest Criteria	Is Effluent Data Available	Was Constituent Detected in Effluent Data	Are all Detection Limits > C	If DL > C, MEC = Min (DL)	MEC >= C
88	Hexachlorobenzene	µg/L	All Data Qualified	0.60	NONE	NONE	0.00075	0.00077	NONE	0.00077	NO	NO	NO	NA	NO
89	Hexachlorobutadiene	µg/L	All Data Qualified	0.60	NONE	NONE	0.44	50	NONE	50	NO	NO	NO	NA	NO
90	Hexachlorocyclopentadiene	µg/L	All Data Qualified	0.60	NONE	NONE	240	17,000	NONE	17,000	NO	NO	NO	NA	NO
91	Hexachloroethane	µg/L	All Data Qualified	0.60	NONE	NONE	1.9	8.9	NONE	8.9	NO	NO	NO	NA	NO
92	Indeno(1,2,3-cd)Pyrene	µg/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	NO	NO	NO	NA	NO
93	Isophorone	µg/L	All Data Qualified	0.60	NONE	NONE	8.4	600	NONE	600	NO	NO	NO	NA	NO
94	Napthalene	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
95	Nitrobenzene	µg/L	All Data Qualified	0.60	NONE	NONE	17	1,900	NONE	1900	NO	NO	NO	NA	NO
96	N-Nitrosodimethylamine	µg/L	Available Data <DL	0.45	NONE	NONE	0.00069	8.1	NONE	8.1	NO	NO	NO	NA	NO
97	N-Nitrosodi-n-Propylamine	µg/L	All Data Qualified	0.60	NONE	NONE	0.005	1.4	NONE	1.4	NO	NO	NO	NA	NO
98	N-Nitrosodiphenylamine	µg/L	All Data Qualified	0.60	NONE	NONE	5	16	NONE	16	NO	NO	NO	NA	NO
99	Phenanthrene	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
100	Pyrene	µg/L	All Data Qualified	0.60	NONE	NONE	960	11,000	NONE	11,000	NO	NO	NO	NA	NO
101	1,2,4-Trichlorobenzene	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
102	Aldrin	µg/L	All Data Qualified	0.60	3	NONE	0.00013	0.00014	NONE	0.00014	NO	NO	NO	NA	NO
103	alpha-BHC	µg/L	Available Data <DL	0.24	NONE	NONE	0.0039	0.013	NONE	0.013	NO	NO	NO	NA	NO
104	beta-BHC	µg/L	All Data Qualified	0.60	NONE	NONE	0.014	0.046	NONE	0.046	NO	NO	NO	NA	NO
105	gamma-BHC (aka Lindane)	µg/L	All Data Qualified	0.60	0.95	NONE	0.019	0.063	0.2	0.063	NO	NO	NO	NA	NO
106	delta-BHC	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
107	Chlordane	µg/L	All Data Qualified	0.60	2.4	0.0043	0.00057	0.00059	NONE	0.00059	NO	NO	NO	NA	NO
108	4,4'-DDT	µg/L	All Data Qualified	0.60	1.1	0.001	0.00059	0.00059	NONE	0.00059	NO	NO	NO	NA	NO
109	4,4'-DDE	µg/L	All Data Qualified	0.60	NONE	NONE	0.00059	0.00059	NONE	0.00059	NO	NO	NO	NA	NO

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					Step 1: Water Quality Criteria, Determine C						Step 2	Step 3			Step 4
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CTR	Constituent	Units	MEC	CV	CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH	Title 22 GWR	C = Lowest Criteria	Is Effluent Data Available	Was Constituent Detected in Effluent Data	Are all Detection Limits > C	If DL > C, MEC = Min (DL)	MEC >= C
110	4,4'-DDD	µg/L	All Data Qualified	0.60	NONE	NONE	0.00083	0.00084	NONE	0.00084	NO	NO	NO	NA	NO
111	Dieldrin	µg/L	All Data Qualified	0.60	0.24	0.056	0.00014	0.00014	NONE	0.00014	NO	NO	NO	NA	NO
112	alpha-Endosulfan	µg/L	All Data Qualified	0.60	0.22	0.056	110	240	NONE	0.056	NO	NO	NO	NA	NO
113	beta-Endosulfan	µg/L	All Data Qualified	0.60	0.22	0.056	110	240	NONE	0.056	NO	NO	NO	NA	NO
114	Endosulfan Sulfate	µg/L	All Data Qualified	0.60	NONE	NONE	110	240	NONE	240	NO	NO	NO	NA	NO
115	Endrin	µg/L	All Data Qualified	0.60	0.086	0.036	0.76	0.81	NONE	0.036	NO	NO	NO	NA	NO
116	Endrin Aldehyde	µg/L	All Data Qualified	0.60	NONE	NONE	0.76	0.81	NONE	0.81	NO	NO	NO	NA	NO
117	Heptachlor	µg/L	All Data Qualified	0.60	0.52	0.0038	0.00021	0.00021	NONE	0.00021	NO	NO	NO	NA	NO
118	Heptachlor Epoxide	µg/L	All Data Qualified	0.60	0.52	0.0038	0.0001	0.00011	NONE	0.00011	NO	NO	NO	NA	NO
119	PCBs, Aroclor 1016	µg/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	NO	NO	NO	NA	NO
120	PCBs, Aroclor 1221	µg/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	NO	NO	NO	NA	NO
121	PCBs, Aroclor 1232	µg/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	NO	NO	NO	NA	NO
122	PCBs, Aroclor 1242	µg/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	NO	NO	NO	NA	NO
123	PCBs, Aroclor 1248	µg/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	NO	NO	NO	NA	NO
124	PCBs, Aroclor 1254	µg/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	NO	NO	NO	NA	NO
125	PCBs, Aroclor 1260	µg/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	NO	NO	NO	NA	NO
126	Toxaphene	µg/L	All Data Qualified	0.60	0.73	0.0002	0.0073	0.00075	NONE	0.00017	NO	NO	NO	NA	NO

See attached RPA Summary for abbreviations, definitions and other explanations for the data presented.

Table F2
REASONABLE POTENTIAL ANALYSIS FOR NONPRIORITY POLLUTANTS, (OUTFALLS 001, 002, 011, and 018)

SECOND QUARTER 2006
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Constituent	Monitoring	Units	Number of Samples	MEC	CV	Multiplier	Projected Maximum Effluent Concentration (99/99)	Dilution Ratio	Background Concentration	Projected Maximum Receiving Water Concentration	Step 1, Determine Water Quality Objectives	BU - Beneficial use protection NC-Human noncarcinogen AP-Aquatic life protection
Barium	Anually	mg/L	15	0.14	0.80	3.30	0.46	0	0	0.46	1000	BU
$BOD_5 20^oC$	Once per Discharge	mg/L	53	33	1.41	2.69	88.64	0	0	88.64	20	BU
Chloride	Once per Discharge	mg/L	91	56	0.66	1.50	84.23	0	0	84.23	150	BU
Detergents (as MBAS)	Once per Discharge	mg/L	22	1	2.39	7.33	7.33	0	0	7.33	0.5	BU
Fluoride	Anually	mg/L	All Data Qualified	All Data Qualified	0.60	All Data Qualified	All Data Qualified	0	0	NA	1.6	BU
Nitrate + Nitrite as Nitrogen	Once per Discharge	mg/L	80	10	1.45	2.19	21.92	0	0	21.92	8	BU/TMDL
Oil and Grease	Once per Discharge	mg/L	48	17	2.06	3.60	61.18	0	0	61.18	10	BU
Settleable solids	Once per Discharge	ml/L	57	10	4.72	4.98	49.81	0	0	49.81	0.3	BU
Sulfate	Once per Discharge	mg/L	91	400	1.09	1.82	726.26	0	0	726.26	300	BU
Total dissolved solids	Once per Discharge	mg/L	91	1000	0.68	1.52	1518.07	0	0	1518.07	150	BU
Total suspended solids	Once per Discharge	mg/L	71	2300	4.07	3.84	8833.34	0	0	8833.34	45	BU

Table F3
REASONABLE POTENTIAL ANALYSIS FOR PRIORITY POLLUTANTS, (OUTFALLS 003-010)

SECOND QUARTER 2006
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					Step 1: Water Quality Criteria, Determine C						Step 2	Step 3			Step 4
					CTR CRITERIA										
					Freshwater		Human Health		Basin Plan						
CTR	Constituent	Units	MEC	CV	CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH	Title 22 GWR	C = Lowest Criteria	Is Effluent Data Available	Was Constituent Detected in Effluent Data	Are all Detection Limits > C	If DL > C, MEC = Min (DL)	MEC >= C
1	Antimony	µg/L	35	2.02	NONE	NONE	14	4300	6	6	YES	YES	NA	NA	YES
2	Arsenic	µg/L	27	0.60	340	150	NONE	NONE	50	50	YES	YES	NA	NA	NO
3	Beryllium	µg/L	All Data Qualified	0.60	NONE	NONE	Narrative	Narrative	4	4	NO	NO	NO	NA	NO
4	Cadmium*	µg/L	9.2	3.58	4.5	2.46	Narrative	Narrative	5	2.5	YES	YES	NA	NA	YES
5	Chromium III*	µg/L	14	0.60	1737	207	Narrative	Narrative	NONE	207.0	YES	YES	NA	NA	NO
5	Chromium VI	µg/L	All Data Qualified	0.60	16.3	11.4	Narrative	Narrative	50	11.4	NO	NO	NO	NA	NO
6	Copper*	µg/L	39	0.95	14.0	9.3	1300	NONE	NONE	9.3	YES	YES	NA	NA	YES
7	Lead*	µg/L	260	2.66	81.6	3.2	Narrative	Narrative	NONE	3.2	YES	YES	NA	NA	YES
8	Mercury	µg/L	0.89	1.71	Reserved	Reserved	0.05	0.051	2	0.051	YES	YES	NA	NA	YES
9	Nickel*	µg/L	10	0.60	469.17	52.16	610	4600	100	52.2	YES	YES	NA	NA	NO
10	Selenium	µg/L	All Data Qualified	0.60	Reserved	5	Narrative	Narrative	50	5	NO	NO	NO	NA	NO
11	Silver*	µg/L	All Data Qualified	0.60	4.06	none	NONE	NONE	NONE	4.1	NO	NO	NO	NA	NO
12	Thallium	µg/L	Available Data <DL	0.10	NONE	NONE	1.7	6.3	2	2	NO	NO	NO	NA	NO
13	Zinc*	µg/L	91	0.60	120	120	NONE	NONE	NONE	119.8	YES	YES	NA	NA	NO
14	Cyanide	µg/L	All Data Qualified	0.60	22	5.2	700	220,000	200	5.2	NO	NO	NO	NA	NO
15	Asbestos	Fibers/L	All Data Qualified	0.60	NONE	NONE	7,000,000	NONE	7,000,000	7,000,000	NO	NO	NO	NA	NO
16	2,3,7,8-TCDD (Dioxin) [See RPA Summary Note (3)]	µg/L	9.10E-04	9.12	NONE	NONE	1.3E-08	1.4E-08	3.0E-05	1.4E-08	YES	YES	NA	NA	YES
17	Acrolein	µg/L	All Data Qualified	0.60	NONE	NONE	320	780	NONE	780	NO	NO	NO	NA	NO
18	Acrylonitrile	µg/L	All Data Qualified	0.60	NONE	NONE	0.059	0.66	NONE	0.66	NO	NO	NO	NA	NO
19	Benzene	µg/L	All Data Qualified	0.60	NONE	NONE	1.2	71	1	1	NO	NO	NO	NA	NO
20	Bromoform	µg/L	All Data Qualified	0.60	NONE	NONE	4.3	360	NONE	360	NO	NO	NO	NA	NO
21	Carbon Tetrahloride	µg/L	All Data Qualified	0.60	NONE	NONE	0.25	4.4	600	4.4	NO	NO	NO	NA	NO

Table F3
REASONABLE POTENTIAL ANALYSIS FOR PRIORITY POLLUTANTS, (OUTFALLS 003-010)

SECOND QUARTER 2006
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					Step 1: Water Quality Criteria, Determine C						Step 2	Step 3			Step 4
					CTR CRITERIA				Basin Plan						
					Freshwater		Human Health								
CTR	Constituent	Units	MEC	CV	CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH	Title 22 GWR	C = Lowest Criteria	Is Effluent Data Available	Was Constituent Detected in Effluent Data	Are all Detection Limits > C	If DL > C, MEC = Min (DL)	MEC >= C
22	Chlorobenzene	µg/L	All Data Qualified	0.60	NONE	NONE	680	21,000	NONE	21,000	NO	NO	NO	NA	NO
23	Dibromochloromethane	µg/L	All Data Qualified	0.60	NONE	NONE	0.401	34	NONE	34	NO	NO	NO	NA	NO
24	Chloroethane	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
25	2-Chloroethyl vinyl ether	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
26	Chloroform	µg/L	All Data Qualified	0.60	NONE	NONE	Reserved	Reserved	NONE	None	NO	NO	NO	NA	NO
27	Dichlorobromomethane	µg/L	All Data Qualified	0.60	NONE	NONE	0.56	46	NONE	46	NO	NO	NO	NA	NO
28	1,1-Dichloroethane	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	5	5	NO	NO	NO	NA	NO
29	1,2-Dichloroethane	µg/L	All Data Qualified	0.60	NONE	NONE	0.38	99	0.5	0.5	NO	NO	NO	NA	NO
30	1,1-Dichloroethylene	µg/L	All Data Qualified	0.60	NONE	NONE	0.057	3.2	6	3.2	NO	NO	NO	NA	NO
31	1,2-Dichloropropane	µg/L	All Data Qualified	0.60	NONE	NONE	0.52	39	5	5	NO	NO	NO	NA	NO
32	1,3-Dichloropropylene	µg/L	All Data Qualified	0.60	NONE	NONE	10	1,700	0.5	0.5	NO	NO	NO	NA	NO
33	Ethylbenzene	µg/L	All Data Qualified	0.60	NONE	NONE	3100	29,000	0.7	0.7	NO	NO	NO	NA	NO
34	Methyl bromide	µg/L	All Data Qualified	0.60	NONE	NONE	48	4,000	NONE	4000	NO	NO	NO	NA	NO
35	Methyl chloride	µg/L	All Data Qualified	0.60	NONE	NONE	Narrative	Narrative	NONE	None	NO	NO	NO	NA	NO
36	Methylene chloride	µg/L	All Data Qualified	0.60	NONE	NONE	4.7	1,600	NONE	1600	NO	NO	NO	NA	NO
37	1,1,2,2-Tetrachloroethane	µg/L	All Data Qualified	0.60	NONE	NONE	0.17	11	1	1	NO	NO	NO	NA	NO
38	Tetrachloroethylene	µg/L	All Data Qualified	0.60	NONE	NONE	0.8	8.85	5	5	NO	NO	NO	NA	NO
39	Toluene	µg/L	All Data Qualified	0.60	NONE	NONE	6800	200,000	150	150	NO	NO	NO	NA	NO
40	1,2-Trans-Dichloroethylene	µg/L	All Data Qualified	0.60	NONE	NONE	700	140,000	10	10	NO	NO	NO	NA	NO
41	1,1,1-Trichloroethane	µg/L	All Data Qualified	0.60	NONE	NONE	Narrative	Narrative	200	200	NO	NO	NO	NA	NO
42	1,1,2-Trichloroethane	µg/L	All Data Qualified	0.60	NONE	NONE	0.6	42	5	5	NO	NO	NO	NA	NO
43	Trichloroethylene	µg/L	All Data Qualified	0.60	NONE	NONE	2.7	81	5	5	NO	NO	NO	NA	NO

Table F3
REASONABLE POTENTIAL ANALYSIS FOR PRIORITY POLLUTANTS, (OUTFALLS 003-010)

SECOND QUARTER 2006
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					Step 1: Water Quality Criteria, Determine C						Step 2	Step 3			Step 4
					CTR CRITERIA										
					Freshwater		Human Health		Basin Plan						
CTR	Constituent	Units	MEC	CV	CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH	Title 22 GWR	C = Lowest Criteria	Is Effluent Data Available	Was Constituent Detected in Effluent Data	Are all Detection Limits > C	If DL > C, MEC = Min (DL)	MEC >= C
44	Vinyl chloride	µg/L	All Data Qualified	0.60	NONE	NONE	2	525	0.5	0.5	NO	NO	NO	NA	NO
45	2-Chlorophenol	µg/L	All Data Qualified	0.60	NONE	NONE	120	400	NONE	400	NO	NO	NO	NA	NO
46	2,4-Dichlorophenol	µg/L	All Data Qualified	0.60	NONE	NONE	93	790	NONE	790	NO	NO	NO	NA	NO
47	2,4-Dimethylphenol	µg/L	All Data Qualified	0.60	NONE	NONE	540	2,300	NONE	2,300	NO	NO	NO	NA	NO
48	4,6-dinitro-o-resol (aka2-methyl-4,6-Dinitrophenol)	µg/L	All Data Qualified	0.60	NONE	NONE	13.4	765	NONE	765	NO	NO	NO	NA	NO
49	2,4-Dinitrophenol	µg/L	All Data Qualified	0.60	NONE	NONE	70	14,000	NONE	14,000	NO	NO	NO	NA	NO
50	2-Nitrophenol	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
51	4-Nitrophenol	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
52	3-Methyl-4-Chlorophenol (aka P-chloro-m-resol)	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
53	Pentachlorophenol	µg/L	All Data Qualified	0.60	pH dependent	pH dependent	0.28	8.2	1	1	NO	NO	NO	NA	NO
54	Phenol	µg/L	All Data Qualified	0.60	NONE	NONE	21,000	4,600,000	NONE	4,600,000	NO	NO	NO	NA	NO
55	2,4,6-Trichlorophenol	µg/L	All Data Qualified	0.60	NONE	NONE	2.1	6.5	NONE	6.5	NO	NO	NO	NA	NO
56	Acenaphthene	µg/L	All Data Qualified	0.60	NONE	NONE	1200	2,700	NONE	2700	NO	NO	NO	NA	NO
57	Acenaphthylene	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
58	Anthracene	µg/L	All Data Qualified	0.60	NONE	NONE	9600	110,000	NONE	110,000	NO	NO	NO	NA	NO
59	Benzidine	µg/L	All Data Qualified	0.60	NONE	NONE	0.00012	0.00054	NONE	0.00054	NO	NO	NO	NA	NO
60	Benzo(a)Anthracene	µg/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	NO	NO	NO	NA	NO
61	Benzo(a)Pyrene	µg/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	NO	NO	NO	NA	NO
62	Benzo(b)Fluoranthene	µg/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	NO	NO	NA	NA	NO
63	Benzo(ghi)Perylene	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NA	NA	NO
64	Benzo(k)Fluoranthene	µg/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	NO	NO	NA	NA	NO
65	Bis(2-Chloroethoxy) methane	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO

Table F3
REASONABLE POTENTIAL ANALYSIS FOR PRIORITY POLLUTANTS, (OUTFALLS 003-010)

SECOND QUARTER 2006
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					Step 1: Water Quality Criteria, Determine C						Step 2	Step 3			Step 4
					CTR CRITERIA										
					Freshwater		Human Health		Basin Plan						
CTR	Constituent	Units	MEC	CV	CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH	Title 22 GWR	C = Lowest Criteria	Is Effluent Data Available	Was Constituent Detected in Effluent Data	Are all Detection Limits > C	If DL > C, MEC = Min (DL)	MEC >= C
66	Bis(2-Chloroethyl)Ether	µg/L	All Data Qualified	0.60	NONE	NONE	0.031	1.4	NONE	1.4	NO	NO	NO	NA	NO
67	Bis(2-Chloroisopropyl) Ether	µg/L	All Data Qualified	0.60	NONE	NONE	1400	170,000	NONE	170,000	NO	NO	NO	NA	NO
68	Bis(2-Ethylhexyl) Phthalate	µg/L	All Data Qualified	0.60	NONE	NONE	1.8	5.9	4	4	NO	NO	NO	NA	NO
69	4-Bromophenyl Phenyl Ether	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
70	Butylbenzyl Phthalate	µg/L	All Data Qualified	0.60	NONE	NONE	3000	5,200	NONE	5,200	NO	NO	NO	NA	NO
71	2-Chloronaphthalene	µg/L	All Data Qualified	0.60	NONE	NONE	1700	4,300	NONE	4,300	NO	NO	NO	NA	NO
72	4-Chlorophenyl Phenyl Ether	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
73	Chrysene	µg/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	NO	NO	NO	NA	NO
74	Dibenzo(a,h)Anthracene	µg/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	NO	NO	NO	NA	NO
75	1,2-Dichlorobenzene	µg/L	All Data Qualified	0.60	NONE	NONE	2700	17,000	600	600	NO	NO	NO	NA	NO
76	1,3-Dichlorobenzene	µg/L	All Data Qualified	0.60	NONE	NONE	400	2,600	NONE	2600	NO	NO	NO	NA	NO
77	1,4-Dichlorobenzene	µg/L	All Data Qualified	0.60	NONE	NONE	400	2,600	5	5	NO	NO	NO	NA	NO
78	3,3'-Dichlorobenzidine	µg/L	All Data Qualified	0.60	NONE	NONE	0.04	0.077	NONE	0.077	NO	NO	NO	NA	NO
79	Diethyl Phthalate	µg/L	All Data Qualified	0.60	NONE	NONE	23000	120,000	NONE	120,000	NO	NO	NO	NA	NO
80	Dimethyl Phthalate	µg/L	All Data Qualified	0.60	NONE	NONE	313000	2,900,000	NONE	2,900,000	NO	NO	NO	NA	NO
81	Di-n-Butyl Phthalate	µg/L	All Data Qualified	0.60	NONE	NONE	2700	12,000	NONE	12,000	NO	NO	NO	NA	NO
82	2,4-Dinitrotoluene	µg/L	All Data Qualified	0.60	NONE	NONE	0.11	9.1	NONE	9.1	NO	NO	NO	NA	NO
83	2,6-Dinitrotoluene	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
84	Di-n-Octyl Phthalate	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
85	1,2-Diphenylhydrazine	µg/L	All Data Qualified	0.60	NONE	NONE	0.04	0.54	NONE	0.54	NO	NO	NO	NA	NO
86	Fluoranthene	µg/L	All Data Qualified	0.60	NONE	NONE	300	370	NONE	370	NO	NO	NO	NA	NO
87	Fluorene	µg/L	All Data Qualified	0.60	NONE	NONE	1300	14,000	NONE	14,000	NO	NO	NO	NA	NO

Table F3
REASONABLE POTENTIAL ANALYSIS FOR PRIORITY POLLUTANTS, (OUTFALLS 003-010)

SECOND QUARTER 2006
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					Step 1: Water Quality Criteria, Determine C						Step 2	Step 3			Step 4
					CTR CRITERIA				Basin Plan						
					Freshwater		Human Health								
CTR	Constituent	Units	MEC	CV	CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH	Title 22 GWR	C = Lowest Criteria	Is Effluent Data Available	Was Constituent Detected in Effluent Data	Are all Detection Limits > C	If DL > C, MEC = Min (DL)	MEC >= C
88	Hexachlorobenzene	µg/L	All Data Qualified	0.60	NONE	NONE	0.00075	0.00077	NONE	0.00077	NO	NO	NO	NA	NO
89	Hexachlorobutadiene	µg/L	All Data Qualified	0.60	NONE	NONE	0.44	50	NONE	50	NO	NO	NO	NA	NO
90	Hexachlorocyclopentadiene	µg/L	All Data Qualified	0.60	NONE	NONE	240	17,000	NONE	17,000	NO	NO	NO	NA	NO
91	Hexachloroethane	µg/L	All Data Qualified	0.60	NONE	NONE	1.9	8.9	NONE	8.9	NO	NO	NO	NA	NO
92	Indeno(1,2,3-cd)Pyrene	µg/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	NO	NO	NO	NA	NO
93	Isophorone	µg/L	All Data Qualified	0.60	NONE	NONE	8.4	600	NONE	600	NO	NO	NO	NA	NO
94	Napthalene	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
95	Nitrobenzene	µg/L	All Data Qualified	0.60	NONE	NONE	17	1,900	NONE	1900	NO	NO	NO	NA	NO
96	N-Nitrosodimethylamine	µg/L	All Data Qualified	0.60	NONE	NONE	0.00069	8.1	NONE	8.1	NO	NO	NO	NA	NO
97	N-Nitrosodi-n-Propylamine	µg/L	All Data Qualified	0.60	NONE	NONE	0.005	1.4	NONE	1.4	NO	NO	NO	NA	NO
98	N-Nitrosodiphenylamine	µg/L	All Data Qualified	0.60	NONE	NONE	5	16	NONE	16	NO	NO	NO	NA	NO
99	Phenanthrene	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
100	Pyrene	µg/L	All Data Qualified	0.60	NONE	NONE	960	11,000	NONE	11,000	NO	NO	NO	NA	NO
101	1,2,4-Trichlorobenzene	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
102	Aldrin	µg/L	All Data Qualified	0.60	3	NONE	0.00013	0.00014	NONE	0.00014	NO	NO	NO	NA	NO
103	alpha-BHC	µg/L	All Data Qualified	0.60	NONE	NONE	0.0039	0.013	NONE	0.013	NO	NO	NO	NA	NO
104	beta-BHC	µg/L	All Data Qualified	0.60	NONE	NONE	0.014	0.046	NONE	0.046	NO	NO	NO	NA	NO
105	gamma-BHC (aka Lindane)	µg/L	All Data Qualified	0.60	0.95	NONE	0.019	0.063	0.2	0.063	NO	NO	NO	NA	NO
106	delta-BHC	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
107	Chlordane	µg/L	All Data Qualified	0.60	2.4	0.0043	0.00057	0.00059	NONE	0.00059	NO	NO	NO	NA	NO
108	4,4'-DDT	µg/L	All Data Qualified	0.60	1.1	0.001	0.00059	0.00059	NONE	0.00059	NO	NO	NO	NA	NO
109	4,4'-DDE	µg/L	All Data Qualified	0.60	NONE	NONE	0.00059	0.00059	NONE	0.00059	NO	NO	NO	NA	NO

Table F3
REASONABLE POTENTIAL ANALYSIS FOR PRIORITY POLLUTANTS, (OUTFALLS 003-010)

SECOND QUARTER 2006
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					Step 1: Water Quality Criteria, Determine C						Step 2	Step 3			Step 4
					CTR CRITERIA				Basin Plan						
					Freshwater		Human Health								
CTR	Constituent	Units	MEC	CV	CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH	Title 22 GWR	C = Lowest Criteria	Is Effluent Data Available	Was Constituent Detected in Effluent Data	Are all Detection Limits > C	If DL > C, MEC = Min (DL)	MEC >= C
110	4,4'-DDD	µg/L	All Data Qualified	0.60	NONE	NONE	0.00083	0.00084	NONE	0.00084	NO	NO	NO	NA	NO
111	Dieldrin	µg/L	All Data Qualified	0.60	0.24	0.056	0.00014	0.00014	NONE	0.00014	NO	NO	NO	NA	NO
112	alpha-Endosulfan	µg/L	All Data Qualified	0.60	0.22	0.056	110	240	NONE	0.056	NO	NO	NO	NA	NO
113	beta-Endosulfan	µg/L	All Data Qualified	0.60	0.22	0.056	110	240	NONE	0.056	NO	NO	NO	NA	NO
114	Endosulfan Sulfate	µg/L	All Data Qualified	0.60	NONE	NONE	110	240	NONE	240	NO	NO	NO	NA	NO
115	Endrin	µg/L	All Data Qualified	0.60	0.086	0.036	0.76	0.81	NONE	0.036	NO	NO	NO	NA	NO
116	Endrin Aldehyde	µg/L	All Data Qualified	0.60	NONE	NONE	0.76	0.81	NONE	0.81	NO	NO	NO	NA	NO
117	Heptachlor	µg/L	All Data Qualified	0.60	0.52	0.0038	0.00021	0.00021	NONE	0.00021	NO	NO	NO	NA	NO
118	Heptachlor Epoxide	µg/L	All Data Qualified	0.60	0.52	0.0038	0.0001	0.00011	NONE	0.00011	NO	NO	NO	NA	NO
119	PCBs, Aroclor 1016	µg/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	NO	NO	NO	NA	NO
120	PCBs, Aroclor 1221	µg/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	NO	NO	NO	NA	NO
121	PCBs, Aroclor 1232	µg/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	NO	NO	NO	NA	NO
122	PCBs, Aroclor 1242	µg/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	NO	NO	NO	NA	NO
123	PCBs, Aroclor 1248	µg/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	NO	NO	NO	NA	NO
124	PCBs, Aroclor 1254	µg/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	NO	NO	NO	NA	NO
125	PCBs, Aroclor 1260	µg/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	NO	NO	NO	NA	NO
126	Toxaphene	µg/L	All Data Qualified	0.60	0.73	0.0002	0.0073	0.00075	NONE	0.00017	NO	NO	NO	NA	NO

See attached RPA Summary for abbreviations, definitions and other explanations for the data presented.

Table F4
REASONABLE POTENTIAL ANALYSIS FOR NONPRIORITY POLLUTANTS, (OUTFALLS 003-010)

SECOND QUARTER 2006
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Constituent	Monitoring	Units	Number of Samples	MEC	CV	Multiplier	Projected Maximum Effluent Concentration (99/99)	Dilution Ratio	Background Concentration	Projected Maximum Receiving Water Concentration	Step 1, Determine Water Quality Objectives	BU - Beneficial use protection NC-Human noncarcinogen AP-Aquatic life protection
Boron	Anually	mg/L	6	0.1	0.60	3.82	0.38	0	0	0.4	1	BU
Chloride	Once per Discharge	mg/L	155	160	1.41	1.58	252.22	0	0	252.2	150	BU
Fluoride	Anually	mg/L	All Data Qualified	All Data Qualified	0.60	All Data Qualified	All Data Qualified	0	0	NA	1.6	BU
Nitrate + Nitrite as Nitrogen	Once per Discharge	mg/L	149	51	2.38	1.86	95.09	0	0	95.1	8	BU/TMDL
Oil and Grease	Once per Discharge	mg/L	104	16	2.13	2.23	35.68	0	0	35.7	10	BU
Sulfate All Outfalls 003-010	Once per Discharge	mg/L	154	240	1.67	1.66	397.62	0	0	397.6	300	BU
Total dissolved solids	Once per Discharge	mg/L	155	980	0.85	1.38	1352.21	0	0	1352.2	850	BU
Total suspended solids	Once per Discharge	mg/L	95	4000	3.17	2.76	11042.14	0	0	11042.1	45	BU

See attached RPA Summary for abbreviations, definitions and other explanations for the data presented.

Table F5
REASONABLE POTENTIAL ANALYSIS FOR PRIORITY POLLUTANTS, (OUTFALLS 012-014)

SECOND QUARTER 2006
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					Step 1: Water Quality Criteria, Determine C						Step 2	Step 3			Step 4
					CTR CRITERIA										
					Freshwater		Human Health		Basin Plan						
CTR	Constituent	Units	MEC	CV	CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH	Title 22 GWR	C = Lowest Criteria	Is Effluent Data Available	Was Constituent Detected in Effluent Data	Are all Detection Limits > C	If DL > C, MEC = Min (DL)	MEC >= C
1	Antimony	µg/L	All Data Qualified	0.60	NONE	NONE	14	4300	6	6	NO	NO	NO	NA	NO
2	Arsenic	µg/L	All Data Qualified	0.60	340	150	NONE	NONE	50	50	NO	NO	NO	NA	NO
3	Beryllium	µg/L	All Data Qualified	0.60	NONE	NONE	Narrative	Narrative	4	4	NO	NO	NO	NA	NO
4	Cadmium*	µg/L	All Data Qualified	0.60	4.5	2.46	Narrative	Narrative	5	2.5	NO	NO	NO	NA	NO
5	Chromium III*	µg/L	5.2	0.60	1737	207	Narrative	Narrative	NONE	207.0	YES	YES	NA	NA	NO
5	Chromium VI	µg/L	All Data Qualified	0.60	16.3	11.4	Narrative	Narrative	50	11.4	NO	NO	NO	NA	NO
6	Copper*	µg/L	12	0.60	14.0	9.3	1300	NONE	NONE	9.3	YES	YES	NA	NA	YES
7	Lead*	µg/L	6	0.60	81.6	3.2	Narrative	Narrative	NONE	3.2	YES	YES	NA	NA	YES
8	Mercury	µg/L	All Data Qualified	0.60	Reserved	Reserved	0.05	0.051	2	0.051	NO	NO	NO	NA	NO
9	Nickel*	µg/L	All Data Qualified	0.60	469.17	52.16	610	4600	100	52.2	NO	NO	NO	NA	NO
10	Selenium	µg/L	All Data Qualified	0.60	Reserved	5	Narrative	Narrative	50	5	NO	NO	NO	NA	NO
11	Silver*	µg/L	All Data Qualified	0.60	4.06	none	NONE	NONE	NONE	4.1	NO	NO	NO	NA	NO
12	Thallium	µg/L	All Data Qualified	0.60	NONE	NONE	1.7	6.3	2	2	NO	NO	NO	NA	NO
13	Zinc*	µg/L	92	0.60	120	120	NONE	NONE	NONE	119.8	YES	YES	NA	NA	NO
14	Cyanide	µg/L	All Data Qualified	0.60	22	5.2	700	220,000	200	5.2	NO	NO	NO	NA	NO
15	Asbestos	Fibers/L	No Data	0.60	NONE	NONE	7,000,000	NONE	7,000,000	7,000,000	NO	NO	NO	NA	NO
16	2,3,7,8-TCDD (Dioxin) [See RPA Summary Note (3)]	µg/L	1.68E-08	0.60	NONE	NONE	1.3E-08	1.4E-08	3.0E-05	1.4E-08	YES	YES	NA	NA	YES
17	Acrolein	µg/L	All Data Qualified	0.60	NONE	NONE	320	780	NONE	780	NO	NO	NO	NA	NO
18	Acrylonitrile	µg/L	All Data Qualified	0.60	NONE	NONE	0.059	0.66	NONE	0.66	NO	NO	NO	NA	NO
19	Benzene	µg/L	7.1	0.60	NONE	NONE	1.2	71	1	1	YES	YES	NA	NA	YES
20	Bromoform	µg/L	All Data Qualified	0.60	NONE	NONE	4.3	360	NONE	360	NO	NO	NO	NA	NO
21	Carbon Tetrahloride	µg/L	All Data Qualified	0.60	NONE	NONE	0.25	4.4	600	4.4	NO	NO	NO	NA	NO

Table F5
REASONABLE POTENTIAL ANALYSIS FOR PRIORITY POLLUTANTS, (OUTFALLS 012-014)

SECOND QUARTER 2006
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					Step 1: Water Quality Criteria, Determine C						Step 2	Step 3			Step 4
					CTR CRITERIA										
					Freshwater		Human Health		Basin Plan						
CTR	Constituent	Units	MEC	CV	CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH	Title 22 GWR	C = Lowest Criteria	Is Effluent Data Available	Was Constituent Detected in Effluent Data	Are all Detection Limits > C	If DL > C, MEC = Min (DL)	MEC >= C
22	Chlorobenzene	µg/L	All Data Qualified	0.60	NONE	NONE	680	21,000	NONE	21,000	NO	NO	NO	NA	NO
23	Dibromochloromethane	µg/L	All Data Qualified	0.60	NONE	NONE	0.401	34	NONE	34	NO	NO	NO	NA	NO
24	Chloroethane	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
25	2-Chloroethyl vinyl ether	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
26	Chloroform	µg/L	All Data Qualified	0.60	NONE	NONE	Reserved	Reserved	NONE	None	NO	NO	NO	NA	NO
27	Dichlorobromomethane	µg/L	All Data Qualified	0.60	NONE	NONE	0.56	46	NONE	46	NO	NO	NO	NA	NO
28	1,1-Dichloroethane	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	5	5	NO	NO	NO	NA	NO
29	1,2-Dichloroethane	µg/L	All Data Qualified	0.60	NONE	NONE	0.38	99	0.5	0.5	NO	NO	NO	NA	NO
30	1,1-Dichloroethylene	µg/L	All Data Qualified	0.60	NONE	NONE	0.057	3.2	6	3.2	NO	NO	NO	NA	NO
31	1,2-Dichloropropane	µg/L	All Data Qualified	0.60	NONE	NONE	0.52	39	5	5	NO	NO	NO	NA	NO
32	1,3-Dichloropropylene	µg/L	All Data Qualified	0.60	NONE	NONE	10	1,700	0.5	0.5	NO	NO	NO	NA	NO
33	Ethylbenzene	µg/L	All Data Qualified	0.60	NONE	NONE	3100	29,000	0.7	0.7	NO	NO	NO	NA	NO
34	Methyl bromide	µg/L	All Data Qualified	0.60	NONE	NONE	48	4,000	NONE	4000	NO	NO	NO	NA	NO
35	Methyl chloride	µg/L	All Data Qualified	0.60	NONE	NONE	Narrative	Narrative	NONE	None	NO	NO	NO	NA	NO
36	Methylene chloride	µg/L	All Data Qualified	0.60	NONE	NONE	4.7	1,600	NONE	1600	NO	NO	NO	NA	NO
37	1,1,2,2-Tetrachloroethane	µg/L	All Data Qualified	0.60	NONE	NONE	0.17	11	1	1	NO	NO	NO	NA	NO
38	Tetrachloroethylene	µg/L	All Data Qualified	0.60	NONE	NONE	0.8	8.85	5	5	NO	NO	NO	NA	NO
39	Toluene	µg/L	3	0.60	NONE	NONE	6800	200,000	150	150	YES	YES	NA	NA	NO
40	1,2-Trans-Dichloroethylene	µg/L	All Data Qualified	0.60	NONE	NONE	700	140,000	10	10	NO	NO	NO	NA	NO
41	1,1,1-Trichloroethane	µg/L	All Data Qualified	0.60	NONE	NONE	Narrative	Narrative	200	200	NO	NO	NO	NA	NO
42	1,1,2-Trichloroethane	µg/L	All Data Qualified	0.60	NONE	NONE	0.6	42	5	5	NO	NO	NO	NA	NO
43	Trichloroethylene	µg/L	All Data Qualified	0.60	NONE	NONE	2.7	81	5	5	NO	NO	NO	NA	NO

Table F5
REASONABLE POTENTIAL ANALYSIS FOR PRIORITY POLLUTANTS, (OUTFALLS 012-014)

SECOND QUARTER 2006
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					Step 1: Water Quality Criteria, Determine C						Step 2	Step 3			Step 4
					CTR CRITERIA										
					Freshwater		Human Health		Basin Plan						
CTR	Constituent	Units	MEC	CV	CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH	Title 22 GWR	C = Lowest Criteria	Is Effluent Data Available	Was Constituent Detected in Effluent Data	Are all Detection Limits > C	If DL > C, MEC = Min (DL)	MEC >= C
44	Vinyl chloride	µg/L	All Data Qualified	0.60	NONE	NONE	2	525	0.5	0.5	NO	NO	NO	NA	NO
45	2-Chlorophenol	µg/L	All Data Qualified	0.60	NONE	NONE	120	400	NONE	400	NO	NO	NO	NA	NO
46	2,4-Dichlorophenol	µg/L	All Data Qualified	0.60	NONE	NONE	93	790	NONE	790	NO	NO	NO	NA	NO
47	2,4-Dimethylphenol	µg/L	All Data Qualified	0.60	NONE	NONE	540	2,300	NONE	2,300	NO	NO	NO	NA	NO
48	4,6-dinitro-o-resol (aka2-methyl-4,6-Dinitrophenol)	µg/L	All Data Qualified	0.60	NONE	NONE	13.4	765	NONE	765	NO	NO	NO	NA	NO
49	2,4-Dinitrophenol	µg/L	All Data Qualified	0.60	NONE	NONE	70	14,000	NONE	14,000	NO	NO	NO	NA	NO
50	2-Nitrophenol	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
51	4-Nitrophenol	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
52	3-Methyl-4-Chlorophenol (aka P-chloro-m-resol)	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
53	Pentachlorophenol	µg/L	All Data Qualified	0.60	pH dependent	pH dependent	0.28	8.2	1	1	NO	NO	NO	NA	NO
54	Phenol	µg/L	All Data Qualified	0.60	NONE	NONE	21,000	4,600,000	NONE	4,600,000	NO	NO	NO	NA	NO
55	2,4,6-Trichlorophenol	µg/L	All Data Qualified	0.60	NONE	NONE	2.1	6.5	NONE	6.5	NO	NO	NO	NA	NO
56	Acenaphthene	µg/L	All Data Qualified	0.60	NONE	NONE	1200	2,700	NONE	2700	NO	NO	NO	NA	NO
57	Acenaphthylene	µg/L	12	0.60	NONE	NONE	NONE	NONE	NONE	None	YES	YES	NA	NA	NO
58	Anthracene	µg/L	All Data Qualified	0.60	NONE	NONE	9600	110,000	NONE	110,000	NO	NO	NO	NA	NO
59	Benzidine	µg/L	All Data Qualified	0.60	NONE	NONE	0.00012	0.00054	NONE	0.00054	NO	NO	NO	NA	NO
60	Benzo(a)Anthracene	µg/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	NO	NO	NO	NA	NO
61	Benzo(a)Pyrene	µg/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	NO	NO	NO	NA	NO
62	Benzo(b)Fluoranthene	µg/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	NO	NO	NO	NA	NO
63	Benzo(ghi)Perylene	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
64	Benzo(k)Fluoranthene	µg/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	NO	NO	NO	NA	NO
65	Bis(2-Chloroethoxy) methane	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO

Table F5
REASONABLE POTENTIAL ANALYSIS FOR PRIORITY POLLUTANTS, (OUTFALLS 012-014)

SECOND QUARTER 2006
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					Step 1: Water Quality Criteria, Determine C						Step 2	Step 3			Step 4
					CTR CRITERIA										
					Freshwater		Human Health		Basin Plan						
CTR	Constituent	Units	MEC	CV	CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH	Title 22 GWR	C = Lowest Criteria	Is Effluent Data Available	Was Constituent Detected in Effluent Data	Are all Detection Limits > C	If DL > C, MEC = Min (DL)	MEC >= C
66	Bis(2-Chloroethyl)Ether	µg/L	All Data Qualified	0.60	NONE	NONE	0.031	1.4	NONE	1.4	NO	NO	NO	NA	NO
67	Bis(2-Chloroisopropyl) Ether	µg/L	All Data Qualified	0.60	NONE	NONE	1400	170,000	NONE	170,000	NO	NO	NO	NA	NO
68	Bis(2-Ethylhexyl) Phthalate	µg/L	All Data Qualified	0.60	NONE	NONE	1.8	5.9	4	4	NO	NO	NO	NA	NO
69	4-Bromophenyl Phenyl Ether	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
70	Butylbenzyl Phthalate	µg/L	All Data Qualified	0.60	NONE	NONE	3000	5,200	NONE	5,200	NO	NO	NO	NA	NO
71	2-Chloronaphthalene	µg/L	All Data Qualified	0.60	NONE	NONE	1700	4,300	NONE	4,300	NO	NO	NO	NA	NO
72	4-Chlorophenyl Phenyl Ether	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
73	Chrysene	µg/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	NO	NO	NO	NA	NO
74	Dibenzo(a,h)Anthracene	µg/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	NO	NO	NO	NA	NO
75	1,2-Dichlorobenzene	µg/L	All Data Qualified	0.60	NONE	NONE	2700	17,000	600	600	NO	NO	NO	NA	NO
76	1,3-Dichlorobenzene	µg/L	All Data Qualified	0.60	NONE	NONE	400	2,600	NONE	2600	NO	NO	NO	NA	NO
77	1,4-Dichlorobenzene	µg/L	All Data Qualified	0.60	NONE	NONE	400	2,600	5	5	NO	NO	NO	NA	NO
78	3,3'-Dichlorobenzidine	µg/L	All Data Qualified	0.60	NONE	NONE	0.04	0.077	NONE	0.077	NO	NO	NO	NA	NO
79	Diethyl Phthalate	µg/L	All Data Qualified	0.60	NONE	NONE	23000	120,000	NONE	120,000	NO	NO	NO	NA	NO
80	Dimethyl Phthalate	µg/L	All Data Qualified	0.60	NONE	NONE	313000	2,900,000	NONE	2,900,000	NO	NO	NO	NA	NO
81	Di-n-Butyl Phthalate	µg/L	All Data Qualified	0.60	NONE	NONE	2700	12,000	NONE	12,000	NO	NO	NO	NA	NO
82	2,4-Dinitrotoluene	µg/L	All Data Qualified	0.60	NONE	NONE	0.11	9.1	NONE	9.1	NO	NO	NO	NA	NO
83	2,6-Dinitrotoluene	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
84	Di-n-Octyl Phthalate	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
85	1,2-Diphenylhydrazine	µg/L	All Data Qualified	0.60	NONE	NONE	0.04	0.54	NONE	0.54	NO	NO	NO	NA	NO
86	Fluoranthene	µg/L	All Data Qualified	0.60	NONE	NONE	300	370	NONE	370	NO	NO	NO	NA	NO
87	Fluorene	µg/L	All Data Qualified	0.60	NONE	NONE	1300	14,000	NONE	14,000	NO	NO	NO	NA	NO

Table F5
REASONABLE POTENTIAL ANALYSIS FOR PRIORITY POLLUTANTS, (OUTFALLS 012-014)

SECOND QUARTER 2006
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					Step 1: Water Quality Criteria, Determine C						Step 2	Step 3			Step 4
					CTR CRITERIA										
					Freshwater		Human Health		Basin Plan						
CTR	Constituent	Units	MEC	CV	CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH	Title 22 GWR	C = Lowest Criteria	Is Effluent Data Available	Was Constituent Detected in Effluent Data	Are all Detection Limits > C	If DL > C, MEC = Min (DL)	MEC >= C
88	Hexachlorobenzene	µg/L	All Data Qualified	0.60	NONE	NONE	0.00075	0.00077	NONE	0.00077	NO	NO	NO	NA	NO
89	Hexachlorobutadiene	µg/L	All Data Qualified	0.60	NONE	NONE	0.44	50	NONE	50	NO	NO	NO	NA	NO
90	Hexachlorocyclopentadiene	µg/L	All Data Qualified	0.60	NONE	NONE	240	17,000	NONE	17,000	NO	NO	NO	NA	NO
91	Hexachloroethane	µg/L	All Data Qualified	0.60	NONE	NONE	1.9	8.9	NONE	8.9	NO	NO	NO	NA	NO
92	Indeno(1,2,3-cd)Pyrene	µg/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	NO	NO	NO	NA	NO
93	Isophorone	µg/L	All Data Qualified	0.60	NONE	NONE	8.4	600	NONE	600	NO	NO	NO	NA	NO
94	Napthalene	µg/L	73	0.48	NONE	NONE	NONE	NONE	NONE	None	YES	YES	NA	NA	NO
95	Nitrobenzene	µg/L	All Data Qualified	0.60	NONE	NONE	17	1,900	NONE	1900	NO	NO	NO	NA	NO
96	N-Nitrosodimethylamine	µg/L	All Data Qualified	0.60	NONE	NONE	0.00069	8.1	NONE	8.1	NO	NO	NO	NA	NO
97	N-Nitrosodi-n-Propylamine	µg/L	All Data Qualified	0.60	NONE	NONE	0.005	1.4	NONE	1.4	NO	NO	NO	NA	NO
98	N-Nitrosodiphenylamine	µg/L	All Data Qualified	0.60	NONE	NONE	5	16	NONE	16	NO	NO	NO	NA	NO
99	Phenanthrene	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
100	Pyrene	µg/L	All Data Qualified	0.60	NONE	NONE	960	11,000	NONE	11,000	NO	NO	NO	NA	NO
101	1,2,4-Trichlorobenzene	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
102	Aldrin	µg/L	All Data Qualified	0.60	3	NONE	0.00013	0.00014	NONE	0.00014	NO	NO	NO	NA	NO
103	alpha-BHC	µg/L	All Data Qualified	0.60	NONE	NONE	0.0039	0.013	NONE	0.013	NO	NO	NO	NA	NO
104	beta-BHC	µg/L	All Data Qualified	0.60	NONE	NONE	0.014	0.046	NONE	0.046	NO	NO	NO	NA	NO
105	gamma-BHC (aka Lindane)	µg/L	All Data Qualified	0.60	0.95	NONE	0.019	0.063	0.2	0.063	NO	NO	NO	NA	NO
106	delta-BHC	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
107	Chlordane	µg/L	All Data Qualified	0.60	2.4	0.0043	0.00057	0.00059	NONE	0.00059	NO	NO	NO	NA	NO
108	4,4'-DDT	µg/L	All Data Qualified	0.60	1.1	0.001	0.00059	0.00059	NONE	0.00059	NO	NO	NO	NA	NO
109	4,4'-DDE	µg/L	All Data Qualified	0.60	NONE	NONE	0.00059	0.00059	NONE	0.00059	NO	NO	NO	NA	NO

Table F5
REASONABLE POTENTIAL ANALYSIS FOR PRIORITY POLLUTANTS, (OUTFALLS 012-014)

SECOND QUARTER 2006
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					Step 1: Water Quality Criteria, Determine C						Step 2	Step 3			Step 4
					CTR CRITERIA										
					Freshwater		Human Health		Basin Plan						
CTR	Constituent	Units	MEC	CV	CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH	Title 22 GWR	C = Lowest Criteria	Is Effluent Data Available	Was Constituent Detected in Effluent Data	Are all Detection Limits > C	If DL > C, MEC = Min (DL)	MEC >= C
110	4,4'-DDD	µg/L	All Data Qualified	0.60	NONE	NONE	0.00083	0.00084	NONE	0.00084	NO	NO	NO	NA	NO
111	Dieldrin	µg/L	All Data Qualified	0.60	0.24	0.056	0.00014	0.00014	NONE	0.00014	NO	NO	NO	NA	NO
112	alpha-Endosulfan	µg/L	All Data Qualified	0.60	0.22	0.056	110	240	NONE	0.056	NO	NO	NO	NA	NO
113	beta-Endosulfan	µg/L	All Data Qualified	0.60	0.22	0.056	110	240	NONE	0.056	NO	NO	NO	NA	NO
114	Endosulfan Sulfate	µg/L	All Data Qualified	0.60	NONE	NONE	110	240	NONE	240	NO	NO	NO	NA	NO
115	Endrin	µg/L	All Data Qualified	0.60	0.086	0.036	0.76	0.81	NONE	0.036	NO	NO	NO	NA	NO
116	Endrin Aldehyde	µg/L	All Data Qualified	0.60	NONE	NONE	0.76	0.81	NONE	0.81	NO	NO	NO	NA	NO
117	Heptachlor	µg/L	All Data Qualified	0.60	0.52	0.0038	0.00021	0.00021	NONE	0.00021	NO	NO	NO	NA	NO
118	Heptachlor Epoxide	µg/L	All Data Qualified	0.60	0.52	0.0038	0.0001	0.00011	NONE	0.00011	NO	NO	NO	NA	NO
119	PCBs, Aroclor 1016	µg/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	NO	NO	NO	NA	NO
120	PCBs, Aroclor 1221	µg/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	NO	NO	NO	NA	NO
121	PCBs, Aroclor 1232	µg/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	NO	NO	NO	NA	NO
122	PCBs, Aroclor 1242	µg/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	NO	NO	NO	NA	NO
123	PCBs, Aroclor 1248	µg/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	NO	NO	NO	NA	NO
124	PCBs, Aroclor 1254	µg/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	NO	NO	NO	NA	NO
125	PCBs, Aroclor 1260	µg/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	NO	NO	NO	NA	NO
126	Toxaphene	µg/L	All Data Qualified	0.60	0.73	0.0002	0.0073	0.00075	NONE	0.00017	NO	NO	NO	NA	NO

See attached RPA Summary for abbreviations, definitions and other explanations for the data presented.

Table F6
REASONABLE POTENTIAL ANALYSIS FOR NONPRIORITY POLLUTANTS, (OUTFALLS 012-014)

SECOND QUARTER 2006
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Constituent	Monitoring	Units	Number of Samples	MEC	CV	Multiplier	Projected Maximum Effluent Concentration (99/99)	Dilution Ratio	Background Concentration	Projected Maximum Receiving Water Concentration	Step 1, Determine Water Quality Objectives	BU - Beneficial use protection NC-Human noncarcinogen AP-Aquatic life protection
BOD_5 20°C	Once per Discharge	mg/L	23	6.9	0.38	1.68	11.57	0	0	11.57	30	BU
Ethylene dibromide	Once per Discharge	mg/L	0	0	0.60	All Data Qualified	All Qualified Data	0	0	NA	0.05	BU
Oil and grease	Once per Discharge	mg/L	3	6.9	0.60	5.62	38.79	0	0	38.79	10	BU
Settleable solids	Once per Discharge	ml/L	6	1	0.60	3.82	3.82	0	0	3.82	0.3	BU
Total dissolved solids	Once per Discharge	mg/L	36	400	0.17	1.21	483.81	0	0	483.81	850	BU
Total Suspended solids	Once per Discharge	mg/L	31	120	1.03	2.85	342.42	0	0	342.42	15	BU
Turbidity	Once per Discharge	NTU	35	49	0.33	1.45	71.11	0	0	71.11	50	BU

See attached RPA Summary for abbreviations, definitions and other explanations for the data presented.

Table F7
REASONABLE POTENTIAL ANALYSIS FOR PRIORITY POLLUTANTS, (OUTFALLS 015-017)

SECOND QUARTER 2006
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					Step 1: Water Quality Criteria, Determine C						Step 2	Step 3			Step 4
					CTR CRITERIA										
					Freshwater		Human Health		Basin Plan						
CTR	Constituent	Units	MEC	CV	CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH	Title 22 GWR	C = Lowest Criteria	Is Effluent Data Available	Was Constituent Detected in Effluent Data	Are all Detection Limits > C	If DL > C, MEC = Min (DL)	MEC >= C
1	Antimony	µg/L	All Data Qualified	0.60	NONE	NONE	14	4300	6	6	NO	NO	NO	NA	NO
2	Arsenic	µg/L	All Data Qualified	0.60	340	150	NONE	NONE	50	50	NO	NO	NO	NA	NO
3	Beryllium	µg/L	All Data Qualified	0.60	NONE	NONE	Narrative	Narrative	4	4	NO	NO	NO	NA	NO
4	Cadmium*	µg/L	All Data Qualified	0.60	4.5	2.46	Narrative	Narrative	5	2.5	NO	NO	NO	NA	NO
5	Chromium III*	µg/L	650	0.60	1737	207	Narrative	Narrative	NONE	207.0	YES	YES	NA	NA	YES
5	Chromium VI	µg/L	All Data Qualified	0.60	16.3	11.4	Narrative	Narrative	50	11.4	NO	NO	NO	NA	NO
6	Copper*	µg/L	32	0.60	14.0	9.3	1300	NONE	NONE	9.3	YES	YES	NA	NA	YES
7	Lead*	µg/L	All Data Qualified	0.60	81.6	3.2	Narrative	Narrative	NONE	3.2	NO	NO	NO	NA	NO
8	Mercury	µg/L	0.3	0.60	Reserved	Reserved	0.05	0.051	2	0.051	YES	YES	NA	NA	YES
9	Nickel*	µg/L	830	0.60	469.17	52.16	610	4600	100	52.2	YES	YES	NA	NA	YES
10	Selenium	µg/L	All Data Qualified	0.60	Reserved	5	Narrative	Narrative	50	5	NO	NO	NO	NA	NO
11	Silver*	µg/L	All Data Qualified	0.60	4.06	none	NONE	NONE	NONE	4.1	NO	NO	NO	NA	NO
12	Thallium	µg/L	All Data Qualified	0.60	NONE	NONE	1.7	6.3	2	2	NO	NO	NO	NA	NO
13	Zinc*	µg/L	160	0.60	120	120	NONE	NONE	NONE	119.8	YES	YES	NA	NA	YES
14	Cyanide	µg/L	All Data Qualified	0.60	22	5.2	700	220,000	200	5.2	NO	NO	NO	NA	NO
15	Asbestos	Fibers/L	All Data Qualified	0.60	NONE	NONE	7,000,000	NONE	7,000,000	7000000	NO	NO	NO	NA	NO
16	2,3,7,8-TCDD (Dioxin) [See RPA Summary Note (3)]	µg/L	0.000000025	0.60	NONE	NONE	0.000000013	1.4E-08	3.00E-05	1.4E-08	YES	YES	NA	NA	YES
17	Acrolein	µg/L	All Data Qualified	0.60	NONE	NONE	320	780	NONE	780	NO	NO	NO	NA	NO
18	Acrylonitrile	µg/L	All Data Qualified	0.60	NONE	NONE	0.059	0.66	NONE	0.66	NO	NO	NO	NA	NO
19	Benzene	µg/L	All Data Qualified	0.60	NONE	NONE	1.2	71	1	1	NO	NO	NO	NA	NO
20	Bromoform	µg/L	All Data Qualified	0.60	NONE	NONE	4.3	360	NONE	360	NO	NO	NO	NA	NO
21	Carbon Tetrahloride	µg/L	All Data Qualified	0.60	NONE	NONE	0.25	4.4	600	4.4	NO	NO	NO	NA	NO

Table F7
REASONABLE POTENTIAL ANALYSIS FOR PRIORITY POLLUTANTS, (OUTFALLS 015-017)

SECOND QUARTER 2006
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					Step 1: Water Quality Criteria, Determine C						Step 2	Step 3			Step 4
					CTR CRITERIA				Basin Plan						
					Freshwater		Human Health								
CTR	Constituent	Units	MEC	CV	CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH	Title 22 GWR	C = Lowest Criteria	Is Effluent Data Available	Was Constituent Detected in Effluent Data	Are all Detection Limits > C	If DL > C, MEC = Min (DL)	MEC >= C
22	Chlorobenzene	µg/L	All Data Qualified	0.60	NONE	NONE	680	21,000	NONE	21,000	NO	NO	NO	NA	NO
23	Dibromochloromethane	µg/L	All Data Qualified	0.60	NONE	NONE	0.401	34	NONE	34	NO	NO	NO	NA	NO
24	Chloroethane	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
25	2-Chloroethyl vinyl ether	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
26	Chloroform	µg/L	All Data Qualified	0.60	NONE	NONE	Reserved	Reserved	NONE	None	NO	NO	NO	NA	NO
27	Dichlorobromomethane	µg/L	All Data Qualified	0.60	NONE	NONE	0.56	46	NONE	46	NO	NO	NO	NA	NO
28	1,1-Dichloroethane	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	5	5	NO	NO	NO	NA	NO
29	1,2-Dichloroethane	µg/L	All Data Qualified	0.60	NONE	NONE	0.38	99	0.5	0.5	NO	NO	NO	NA	NO
30	1,1-Dichloroethylene	µg/L	All Data Qualified	0.60	NONE	NONE	0.057	3.2	6	3.2	NO	NO	NO	NA	NO
31	1,2-Dichloropropane	µg/L	All Data Qualified	0.60	NONE	NONE	0.52	39	5	5	NO	NO	NO	NA	NO
32	1,3-Dichloropropylene	µg/L	All Data Qualified	0.60	NONE	NONE	10	1,700	0.5	0.5	NO	NO	NO	NA	NO
33	Ethylbenzene	µg/L	All Data Qualified	0.60	NONE	NONE	3100	29,000	0.7	0.7	NO	NO	NO	NA	NO
34	Methyl bromide	µg/L	All Data Qualified	0.60	NONE	NONE	48	4,000	NONE	4000	NO	NO	NO	NA	NO
35	Methyl chloride	µg/L	All Data Qualified	0.60	NONE	NONE	Narrative	Narrative	NONE	None	NO	NO	NO	NA	NO
36	Methylene chloride	µg/L	All Data Qualified	0.60	NONE	NONE	4.7	1,600	NONE	1600	NO	NO	NO	NA	NO
37	1,1,2,2-Tetrachloroethane	µg/L	All Data Qualified	0.60	NONE	NONE	0.17	11	1	1	NO	NO	NO	NA	NO
38	Tetrachloroethylene	µg/L	All Data Qualified	0.60	NONE	NONE	0.8	8.85	5	5	NO	NO	NO	NA	NO
39	Toluene	µg/L	All Data Qualified	0.60	NONE	NONE	6800	200,000	150	150	NO	NO	NO	NA	NO
40	1,2-Trans-Dichloroethylene	µg/L	All Data Qualified	0.60	NONE	NONE	700	140,000	10	10	NO	NO	NO	NA	NO
41	1,1,1-Trichloroethane	µg/L	All Data Qualified	0.60	NONE	NONE	Narrative	Narrative	200	200	NO	NO	NO	NA	NO
42	1,1,2-Trichloroethane	µg/L	All Data Qualified	0.60	NONE	NONE	0.6	42	5	5	NO	NO	NO	NA	NO
43	Trichloroethylene	µg/L	All Data Qualified	0.60	NONE	NONE	2.7	81	5	5	NO	NO	NO	NA	NO

Table F7
REASONABLE POTENTIAL ANALYSIS FOR PRIORITY POLLUTANTS, (OUTFALLS 015-017)

SECOND QUARTER 2006
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					Step 1: Water Quality Criteria, Determine C						Step 2	Step 3			Step 4
					CTR CRITERIA										
					Freshwater		Human Health		Basin Plan						
CTR	Constituent	Units	MEC	CV	CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH	Title 22 GWR	C = Lowest Criteria	Is Effluent Data Available	Was Constituent Detected in Effluent Data	Are all Detection Limits > C	If DL > C, MEC = Min (DL)	MEC >= C
44	Vinyl chloride	µg/L	All Data Qualified	0.60	NONE	NONE	2	525	0.5	0.5	NO	NO	NO	NA	NO
45	2-Chlorophenol	µg/L	All Data Qualified	0.60	NONE	NONE	120	400	NONE	400	NO	NO	NO	NA	NO
46	2,4-Dichlorophenol	µg/L	All Data Qualified	0.60	NONE	NONE	93	790	NONE	790	NO	NO	NO	NA	NO
47	2,4-Dimethylphenol	µg/L	All Data Qualified	0.60	NONE	NONE	540	2,300	NONE	2,300	NO	NO	NO	NA	NO
48	4,6-dinitro-o-resol (aka2-methyl-4,6-Dinitrophenol)	µg/L	All Data Qualified	0.60	NONE	NONE	13.4	765	NONE	765	NO	NO	NO	NA	NO
49	2,4-Dinitrophenol	µg/L	All Data Qualified	0.60	NONE	NONE	70	14,000	NONE	14,000	NO	NO	NO	NA	NO
50	2-Nitrophenol	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
51	4-Nitrophenol	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
52	3-Methyl-4-Chlorophenol (aka P-chloro-m-resol)	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
53	Pentachlorophenol	µg/L	All Data Qualified	0.60	pH dependent	pH dependent	0.28	8.2	1	1	NO	NO	NO	NA	NO
54	Phenol	µg/L	All Data Qualified	0.60	NONE	NONE	21,000	4,600,000	NONE	4,600,000	NO	NO	NO	NA	NO
55	2,4,6-Trichlorophenol	µg/L	All Data Qualified	0.60	NONE	NONE	2.1	6.5	NONE	6.5	NO	NO	NO	NA	NO
56	Acenaphthene	µg/L	All Data Qualified	0.60	NONE	NONE	1200	2,700	NONE	2700	NO	NO	NO	NA	NO
57	Acenaphthylene	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
58	Anthracene	µg/L	All Data Qualified	0.60	NONE	NONE	9600	110,000	NONE	110,000	NO	NO	NO	NA	NO
59	Benzidine	µg/L	All Data Qualified	0.60	NONE	NONE	0.00012	0.00054	NONE	0.00054	NO	NO	NO	NA	NO
60	Benzo(a)Anthracene	µg/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	NO	NO	NO	NA	NO
61	Benzo(a)Pyrene	µg/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	NO	NO	NO	NA	NO
62	Benzo(b)Fluoranthene	µg/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	NO	NO	NO	NA	NO
63	Benzo(ghi)Perylene	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
64	Benzo(k)Fluoranthene	µg/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	NO	NO	NO	NA	NO
65	Bis(2-Chloroethoxy) methane	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO

Table F7
REASONABLE POTENTIAL ANALYSIS FOR PRIORITY POLLUTANTS, (OUTFALLS 015-017)

SECOND QUARTER 2006
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					Step 1: Water Quality Criteria, Determine C						Step 2	Step 3			Step 4
					CTR CRITERIA				Basin Plan						
					Freshwater		Human Health								
CTR	Constituent	Units	MEC	CV	CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH	Title 22 GWR	C = Lowest Criteria	Is Effluent Data Available	Was Constituent Detected in Effluent Data	Are all Detection Limits > C	If DL > C, MEC = Min (DL)	MEC >= C
66	Bis(2-Chloroethyl)Ether	µg/L	All Data Qualified	0.60	NONE	NONE	0.031	1.4	NONE	1.4	NO	NO	NO	NA	NO
67	Bis(2-Chloroisopropyl) Ether	µg/L	All Data Qualified	0.60	NONE	NONE	1400	170,000	NONE	170,000	NO	NO	NO	NA	NO
68	Bis(2-Ethylhexyl) Phthalate	µg/L	All Data Qualified	0.60	NONE	NONE	1.8	5.9	4	4	NO	NO	NO	NA	NO
69	4-Bromophenyl Phenyl Ether	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
70	Butylbenzyl Phthalate	µg/L	All Data Qualified	0.60	NONE	NONE	3000	5,200	NONE	5,200	NO	NO	NO	NA	NO
71	2-Chloronaphthalene	µg/L	All Data Qualified	0.60	NONE	NONE	1700	4,300	NONE	4,300	NO	NO	NO	NA	NO
72	4-Chlorophenyl Phenyl Ether	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
73	Chrysene	µg/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	NO	NO	NO	NA	NO
74	Dibenzo(a,h)Anthracene	µg/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	NO	NO	NO	NA	NO
75	1,2-Dichlorobenzene	µg/L	All Data Qualified	0.60	NONE	NONE	2700	17,000	600	600	NO	NO	NO	NA	NO
76	1,3-Dichlorobenzene	µg/L	All Data Qualified	0.60	NONE	NONE	400	2,600	NONE	2600	NO	NO	NO	NA	NO
77	1,4-Dichlorobenzene	µg/L	All Data Qualified	0.60	NONE	NONE	400	2,600	5	5	NO	NO	NO	NA	NO
78	3,3'-Dichlorobenzidine	µg/L	All Data Qualified	0.60	NONE	NONE	0.04	0.077	NONE	0.077	NO	NO	NO	NA	NO
79	Diethyl Phthalate	µg/L	All Data Qualified	0.60	NONE	NONE	23,000	120,000	NONE	120,000	NO	NO	NO	NA	NO
80	Dimethyl Phthalate	µg/L	All Data Qualified	0.60	NONE	NONE	313,000	2,900,000	NONE	2,900,000	NO	NO	NO	NA	NO
81	Di-n-Butyl Phthalate	µg/L	All Data Qualified	0.60	NONE	NONE	2,700	12,000	NONE	12,000	NO	NO	NO	NA	NO
82	2,4-Dinitrotoluene	µg/L	All Data Qualified	0.60	NONE	NONE	0.11	9.1	NONE	9.1	NO	NO	NO	NA	NO
83	2,6-Dinitrotoluene	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
84	Di-n-Octyl Phthalate	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
85	1,2-Diphenylhydrazine	µg/L	All Data Qualified	0.60	NONE	NONE	0.04	0.54	NONE	0.54	NO	NO	NO	NA	NO
86	Fluoranthene	µg/L	All Data Qualified	0.60	NONE	NONE	300	370	NONE	370	NO	NO	NO	NA	NO
87	Fluorene	µg/L	All Data Qualified	0.60	NONE	NONE	1300	14,000	NONE	14,000	NO	NO	NO	NA	NO

Table F7
REASONABLE POTENTIAL ANALYSIS FOR PRIORITY POLLUTANTS, (OUTFALLS 015-017)

SECOND QUARTER 2006
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					Step 1: Water Quality Criteria, Determine C						Step 2	Step 3			Step 4
					CTR CRITERIA										
					Freshwater		Human Health		Basin Plan						
CTR	Constituent	Units	MEC	CV	CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH	Title 22 GWR	C = Lowest Criteria	Is Effluent Data Available	Was Constituent Detected in Effluent Data	Are all Detection Limits > C	If DL > C, MEC = Min (DL)	MEC >= C
88	Hexachlorobenzene	µg/L	All Data Qualified	0.60	NONE	NONE	0.00075	0.00077	NONE	0.00077	NO	NO	NO	NA	NO
89	Hexachlorobutadiene	µg/L	All Data Qualified	0.60	NONE	NONE	0.44	50	NONE	50	NO	NO	NO	NA	NO
90	Hexachlorocyclopentadiene	µg/L	All Data Qualified	0.60	NONE	NONE	240	17,000	NONE	17,000	NO	NO	NO	NA	NO
91	Hexachloroethane	µg/L	All Data Qualified	0.60	NONE	NONE	1.9	8.9	NONE	8.9	NO	NO	NO	NA	NO
92	Indeno(1,2,3-cd)Pyrene	µg/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	NO	NO	NO	NA	NO
93	Isophorone	µg/L	All Data Qualified	0.60	NONE	NONE	8.4	600	NONE	600	NO	NO	NO	NA	NO
94	Napthalene	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
95	Nitrobenzene	µg/L	All Data Qualified	0.60	NONE	NONE	17	1,900	NONE	1900	NO	NO	NO	NA	NO
96	N-Nitrosodimethylamine	µg/L	All Data Qualified	0.60	NONE	NONE	0.00069	8.1	NONE	8.1	NO	NO	NO	NA	NO
97	N-Nitrosodi-n-Propylamine	µg/L	All Data Qualified	0.60	NONE	NONE	0.005	1.4	NONE	1.4	NO	NO	NO	NA	NO
98	N-Nitrosodiphenylamine	µg/L	All Data Qualified	0.60	NONE	NONE	5	16	NONE	16	NO	NO	NO	NA	NO
99	Phenanthrene	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
100	Pyrene	µg/L	All Data Qualified	0.60	NONE	NONE	960	11,000	NONE	11,000	NO	NO	NO	NA	NO
101	1,2,4-Trichlorobenzene	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
102	Aldrin	µg/L	All Data Qualified	0.60	3	NONE	0.00013	0.00014	NONE	0.00014	NO	NO	NO	NA	NO
103	alpha-BHC	µg/L	All Data Qualified	0.60	NONE	NONE	0.0039	0.013	NONE	0.013	NO	NO	NO	NA	NO
104	beta-BHC	µg/L	All Data Qualified	0.60	NONE	NONE	0.014	0.046	NONE	0.046	NO	NO	NO	NA	NO
105	gamma-BHC (aka Lindane)	µg/L	All Data Qualified	0.60	0.95	NONE	0.019	0.063	0.2	0.063	NO	NO	NO	NA	NO
106	delta-BHC	µg/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	None	NO	NO	NO	NA	NO
107	Chlordane	µg/L	All Data Qualified	0.60	2.4	0.0043	0.00057	0.00059	NONE	0.00059	NO	NO	NO	NA	NO
108	4,4'-DDT	µg/L	All Data Qualified	0.60	1.1	0.001	0.00059	0.00059	NONE	0.00059	NO	NO	NO	NA	NO
109	4,4'-DDE	µg/L	All Data Qualified	0.60	NONE	NONE	0.00059	0.00059	NONE	0.00059	NO	NO	NO	NA	NO

Table F7
REASONABLE POTENTIAL ANALYSIS FOR PRIORITY POLLUTANTS, (OUTFALLS 015-017)

SECOND QUARTER 2006
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					Step 1: Water Quality Criteria, Determine C						Step 2	Step 3			Step 4
					CTR CRITERIA				Basin Plan						
					Freshwater		Human Health								
CTR	Constituent	Units	MEC	CV	CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH	Title 22 GWR	C = Lowest Criteria	Is Effluent Data Available	Was Constituent Detected in Effluent Data	Are all Detection Limits > C	If DL > C, MEC = Min (DL)	MEC >= C
110	4,4'-DDD	µg/L	All Data Qualified	0.60	NONE	NONE	0.00083	0.00084	NONE	0.00084	NO	NO	NO	NA	NO
111	Dieldrin	µg/L	All Data Qualified	0.60	0.24	0.056	0.00014	0.00014	NONE	0.00014	NO	NO	NO	NA	NO
112	alpha-Endosulfan	µg/L	All Data Qualified	0.60	0.22	0.056	110	240	NONE	0.056	NO	NO	NO	NA	NO
113	beta-Endosulfan	µg/L	All Data Qualified	0.60	0.22	0.056	110	240	NONE	0.056	NO	NO	NO	NA	NO
114	Endosulfan Sulfate	µg/L	All Data Qualified	0.60	NONE	NONE	110	240	NONE	240	NO	NO	NO	NA	NO
115	Endrin	µg/L	All Data Qualified	0.60	0.086	0.036	0.76	0.81	NONE	0.036	NO	NO	NO	NA	NO
116	Endrin Aldehyde	µg/L	All Data Qualified	0.60	NONE	NONE	0.76	0.81	NONE	0.81	NO	NO	NO	NA	NO
117	Heptachlor	µg/L	All Data Qualified	0.60	0.52	0.0038	0.00021	0.00021	NONE	0.00021	NO	NO	NO	NA	NO
118	Heptachlor Epoxide	µg/L	All Data Qualified	0.60	0.52	0.0038	0.0001	0.00011	NONE	0.00011	NO	NO	NO	NA	NO
119	PCBs, Aroclor 1016	µg/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	NO	NO	NO	NA	NO
120	PCBs, Aroclor 1221	µg/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	NO	NO	NO	NA	NO
121	PCBs, Aroclor 1232	µg/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	NO	NO	NO	NA	NO
122	PCBs, Aroclor 1242	µg/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	NO	NO	NO	NA	NO
123	PCBs, Aroclor 1248	µg/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	NO	NO	NO	NA	NO
124	PCBs, Aroclor 1254	µg/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	NO	NO	NO	NA	NO
125	PCBs, Aroclor 1260	µg/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	NO	NO	NO	NA	NO
126	Toxaphene	µg/L	All Data Qualified	0.60	0.73	0.0002	0.0073	0.00075	NONE	0.00017	NO	NO	NO	NA	NO

See attached RPA Summary for abbreviations, definitions and other explanations for the data presented.

Table F8
REASONABLE POTENTIAL ANALYSIS FOR NONPRIORITY POLLUTANTS, (OUTFALLS 015-017)

SECOND QUARTER 2006
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Constituent	Monitoring	Units	Number of Samples	MEC	CV	Multiplier	Projected Maximum Effluent Concentration (99/99)	Dilution Ratio	Background Concentration	Projected Maximum Receiving Water Concentration	Step 1, Determine Water Quality Objectives	BU - Beneficial use protection NC-Human noncarcinogen AP-Aquatic life protection
Barium	Monthly	mg/L	2	0.023	0.60	7.39	0.2	0	0	0.2	1	BU
BOD_5 20°C	Weekly	mg/L	2	17	0.60	7.39	125.7	0	0	125.7	30	BU
Chloride	Monthly	ug/L	2	140	0.60	7.39	1035.1	0	0	1035.1	150	BU
Detergents (as MBAS)	Weekly	mg/L	1	0.19	0.60	13.20	2.5	0	0	2.5	0.5	BU
Fluoride	Monthly	mg/L	All Data Qualified	All Data Qualified	0.60	All Data Qualified	All Data Qualified	0	0	NA	1.6	BU
Nitrate+Nitrite-N	Monthly	mg/L	2	2.2	0.60	7.39	16.3	0	0	16.3	8	BU
Nitrite-N	Monthly	mg/L	2	0	0.60	7.39	Available Data < DL	0	0	NA	8	BU
Oil and grease	Monthly	mg/L	2	10	0.60	7.39	73.9	0	0	73.9	15	BU
Sulfate	Monthly	mg/L	2	38	0.60	7.39	281.0	0	0	281.0	300	BU
Total Dissolved Solids	Monthly	mg/L	2	440	0.60	7.39	3253.2	0	0	3253.2	950	BU
Total Residual Chlorine	Continuous	mg/L	3	5	0.60	5.62	28.1	0	0	28.1	0.1	BU
Total Suspended solids	None	mg/L	4	35	0.60	4.74	165.8	0	0	165.8	45	BU

See attached RPA Summary for abbreviations, definitions and other explanations for the data presented.