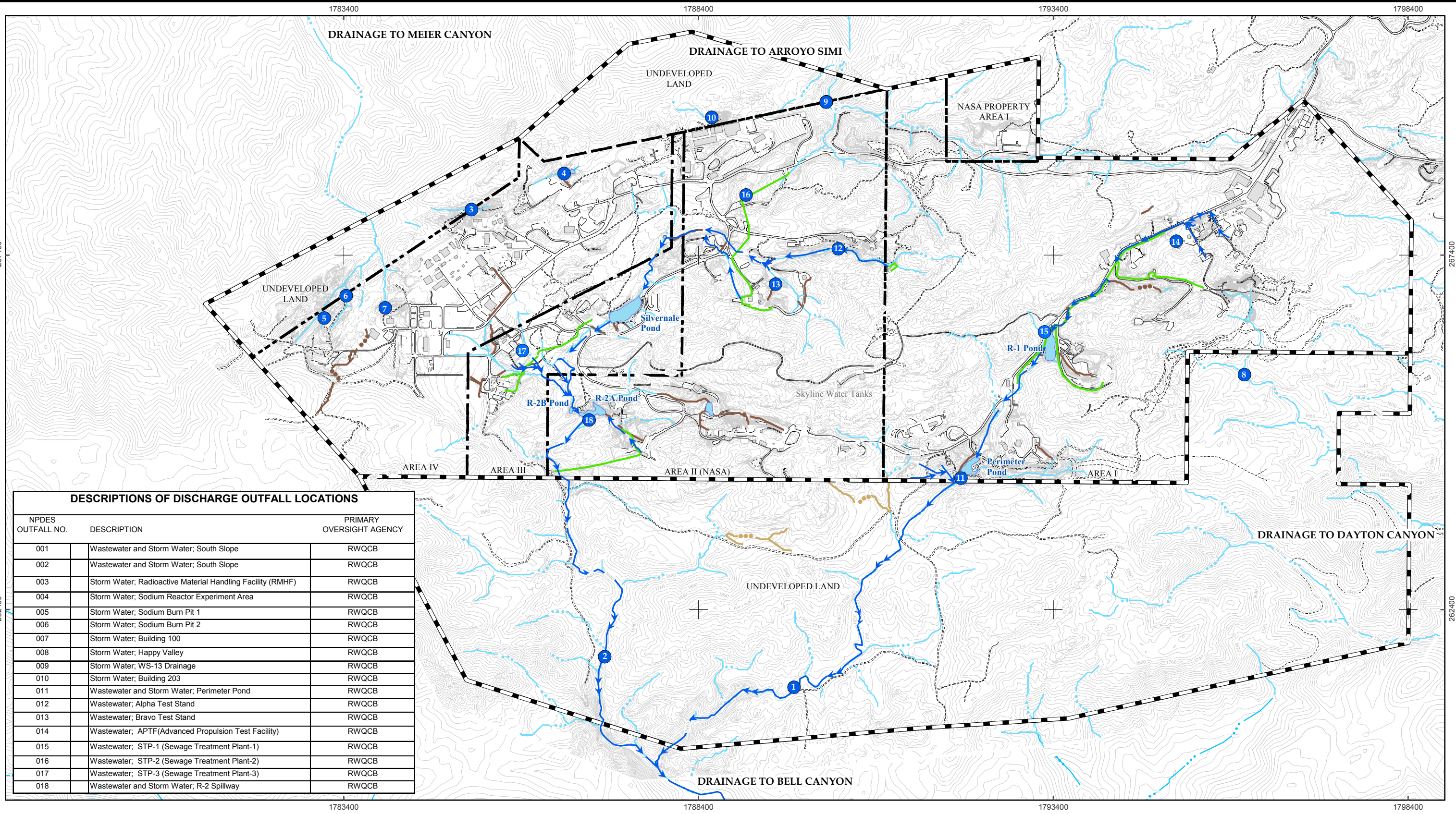


FIGURE 1

STORM WATER DRAINAGE SYSTEM 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

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



MAP COORDINATES IN STATE PLANE, NAD 27, ZONE V

APPENDIX A

1st QUARTER 2007 RAINFALL DATA SUMMARY

**TABLE A-1
DAILY RAINFALL SUMMARY**

Station: AREA4
Parameter: Rain
Month/Year: January 2007

THE BOEING COMPANY
NPDES PERMIT NUMBER
CA0001309

January 2007

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	0.01	0.01	0.09	0.04	0.00	0.00	0.00	0.00	0.01	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	0.22M	0.00D	INV	INV	0.00D	0.00D	0.00D	0.00D	0.00D	0.00D	0.00D	0.00D	0.00D
25	0.00D	0.00D	0.00D	0.00D	0.00D	0.00D	0.00D	0.00D	0.00D	0.00D	0.00D	0.00	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	0.07M	1.38M	0.83M	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

INV - Data not recorded due to power outage at site.
D - Marked Down, Valid Hour
M - Maintenance

**TABLE A-1
DAILY RAINFALL SUMMARY**

Station: AREA4
Parameter: Rain
Month/Year: February 2007

**THE BOEING COMPANY
NPDES PERMIT NUMBER
CA0001309**

February 2007
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
D A Y O F T H E M O N T H	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
	11	0.00	0.00	0.00	0.00	13.79I	18.00I	18.00I	18.00I	17.30I	0.00	0.00	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	0.51D	0.03	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	0.08M	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
	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
	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
	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
	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
	19	0.00	0.00	0.01	0.00	0.03	0.26	0.14	0.12	0.03	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
	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
	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
	22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.02	0.00	0.00	0.00	0.06	0.22	0.13	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
	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
	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
	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
	27	0.00	0.02	0.01	0.14	0.16	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
	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

D - Marked Down, Valid Hour
I - Rain Gauge Impacted, data recorded invalid
M - Maintenance

**TABLE A-1
DAILY RAINFALL SUMMARY**

Station: AREA4
Parameter: Rain
Month/Year: March 2007

**THE BOEING COMPANY
NPDES PERMIT NUMBER
CA0001309**

**March 2007
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	0.03	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	0.01	0.01	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
15	0.00	0.00	0.00	0.00	0.00	0.00	0.01*	0.02*	0.05*	0.05	0.00	0.00	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	0.01*	0.02*	0.00	0.00	0.00	0.00	0.00	0.00	0.06*	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	0.03I	0.09I	0.06I	0.00	0.11I	0.09I	0.03I	0.00	0.04I	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	0.04	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	0.01	0.03	0.01	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	0.01	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
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	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
25	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
26	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
27	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
28	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
29	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
30	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
31	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV

* - Data Invalid, no rain and no flow was noted for this time

INV - Data not recorded due to power outage at site.

I - Rain Gauge Impacted, data recorded invalid

APPENDIX B

1st QUARTER 2007 LIQUID WASTE SHIPMENTS SUMMARY
TABLES

**TABLE B
THE BOEING COMPANY**

**NPDES PERMIT CA0001309
LIQUID WASTE SHIPMENTS
January 2007**

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
1/3/2007	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
1/3/2007	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/3/2007	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/8/2007	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
1/8/2007	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/22/2007	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
1/22/2007	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/22/2007	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/29/2007	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
1/29/2007	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/29/2007	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/29/2007	Waste Mixed Hydroxides	24960	LBS.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
1/31/2007	Waste Mixed Hydroxides	14290	LBS.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702

TABLE B
THE BOEING COMPANY
NPDES PERMIT CA0001309
LIQUID WASTE SHIPMENTS
February 2007

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
2/5/2007	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
2/5/2007	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
2/5/2007	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
2/12/2007	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
2/12/2007	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
2/15/2007	Groundwater with trace TCE & Perchlorate	39580	LBS.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
2/16/2007	Groundwater with trace TCE & Perchlorate	43190	LBS.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
2/16/2007	Groundwater with trace TCE & Perchlorate	44240	LBS.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
2/19/2007	Groundwater with trace TCE & Perchlorate	29130	LBS.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
2/19/2007	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
2/19/2007	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
2/26/2007	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
2/26/2007	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
2/26/2007	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus

TABLE B
THE BOEING COMPANY
NPDES PERMIT CA0001309
LIQUID WASTE SHIPMENTS
March 2007

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
3/6/2007	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/6/2007	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
3/8/2007	Waste Mixed Non-Chlorinated Solvents & Water	39	LBS.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
3/8/2007	Toxic Liquid, Inorganic, Turco 4215	1674	LBS.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
3/8/2007	Nitric Acid, 30-45%, Water	1196	LBS.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
3/8/2007	Waste Trace MMH in Water	211	LBS.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
3/8/2007	Waste Corrosive Liquid Toxic, Turco 4181	2095	LBS.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
3/8/2007	Waste Mixed Acids - no metals	1648	LBS.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
3/8/2007	Waste 301 Alkaline Cleaning Solution, KOH, NaOH	242	LBS.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
3/8/2007	Groundwater with trace TCE & Perchlorate	323	LBS.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
3/8/2007	Waste Antifreeze (N/R) Duplicate of SMF00101	266	LBS.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
3/8/2007	Waste Mixed Glycols & Water (N/R) - Duplicate of SMF00008	230	LBS.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
3/8/2007	Waste Oil/Water (N/R)	4149	LBS.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
3/8/2007	Waste Oil/Water (N/R)	1137	LBS.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
3/8/2007	Waste Soap/Surfactant (N/R)	1727	LBS.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
3/8/2007	Waste Loosepac Flammable Liquid MEK, IPA	177	LBS.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702

TABLE B
THE BOEING COMPANY
NPDES PERMIT CA0001309
LIQUID WASTE SHIPMENTS
March 2007

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
3/8/2007	Waste Labpac Flammable Liquid, Toxic	22	LBS.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
3/8/2007	Waste Loosepack Corrosive Liquid, Basic, Inorganic	57	LBS.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
3/8/2007	Waste Loosepac Non-RCRA Liquid	443	LBS.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
3/8/2007	Waste Loosepac Flammable Liquid	1225	LBS.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
3/8/2007	Waste Labpac Hydrogen Peroxide, Liquid	195	LBS.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
3/8/2007	Waste Labpac Oxidizing Liquid	42	LBS.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
3/8/2007	Waste Labpac Cyanide Solution	8	LBS.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
3/8/2007	Waste Labpac Nitric Acid	18	LBS.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
3/8/2007	Waste Labpac Acetic Acid	18	LBS.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
3/8/2007	Waste Labpac Corrosive Liquid, Toxic	18	LBS.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
3/8/2007	Waste Labpac Corrosive Liquid, Basic	140	LBS.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
3/8/2007	Waste Sodium Hydroxide Solution Bulk	360	LBS.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
3/8/2007	Waste Loosepac Corrosive Liquid, Basic, Inorganic	195	LBS.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
3/8/2007	Waste Loosepac Corrosive Liquid, Acid, Inorganic	35	LBS.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
3/8/2007	Waste Loosepac Non-RCRA Liquid	428	LBS.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702

TABLE B
THE BOEING COMPANY
NPDES PERMIT CA0001309
LIQUID WASTE SHIPMENTS
March 2007

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TRANSPORTER	DESTINATION
3/8/2007	Waste Liquid Gas Pentafluoropropane	15	LBS.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
3/8/2007	Antifreeze and Water	17	LBS.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
3/10/2007	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/10/2007	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
3/14/2007	TEA-TAB Cylinders	490	LBS.	TRI STATE MOTOR TRANSIT CO. 264 W JURUPA. RIALTO CA	SET ENVIRONMENTAL 5743 CHESWOOD, HOUSTON, TX.
3/20/2007	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/20/2007	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
3/26/2007	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/26/2007	WASTE WATER FROM AREA III SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson

APPENDIX C

1st QUARTER 2007 SUMMARY TABLES, DISCHARGE MONITORING
DATA, OUTFALLS 003, 006, 009 AND 010

**FIRST QUARTER 2007 REPORTING SUMMARY NOTES
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

Notes:

1. 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 1998 World Health Organization's (WHO) toxic equivalency factor (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.
2. For some sample dates, pH was determined with a field instrument to obtain a more representative result and was noted as such. These results were not validated.
3. The NPDES permit limits for mercury of 0.10 µg/L (Outfalls 001, 002, 011, and 018) and 0.13 µg/L (Outfalls 3-10) are not achievable by the laboratory; therefore, the laboratory reporting limit of 0.20 µg/L was used to determine compliance.
4. Data presented in the report tables are reported as quantified to the MDL (ND < MDL) and includes estimated detections (DNQ values) to provide low-level information and to give an indication of the sensitivity of the methods used. The laboratory-derived MDLs are designed to be reliable however, the data generation and validation procedures are designed to establish defensibility of quantified data to the RL. Data presented in the tables are accurate and reliable as qualified, but the final laboratory data reports and data validation reports must be used to determine legal defensibility. This does not affect compliance determination, since values below the RL are not used for compliance purposes.

Symbols and Abbreviations:

The following symbols and abbreviations may occur on report tables:

-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
*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%

**FIRST QUARTER 2007 REPORTING SUMMARY NOTES
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

*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	milliliters per liter
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	picocuries per liter
pg/L	picograms per liter

**FIRST QUARTER 2007 REPORTING SUMMARY NOTES
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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	(as a 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 equivalency quotient
T	presumed contamination, as indicated by a detect in the trip blank
TU _c	toxicity units (chronic)
U	result not detected
ug/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.

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**FIRST QUARTER 2007 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
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January 1 through March 31, 2007

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/28/2007		2/19/2007	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	2.0	*	0.73	*
Fluoride	mg/L	1.6/-	ANR	ANR	0.27	J* (DNQ)
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	0.48	*	0.26	*
Oil & Grease	mg/L	15/-	1.5	J* (DNQ)	ND < 0.89	*
Perchlorate	ug/L	6.0/-	ANR	ANR	ND < 0.80	*
pH (Field)	pH units	6.5-8.5/-	9.6	*	9.0	*
Sulfate	mg/L	250/-	26	*	7.2	*
Temperature	deg. F	86/-	52	*	52	*
Total Cyanide	ug/L	-/-	ANR	ANR	ND < 2.2	U
Total Dissolved Solids	mg/L	850/-	280	*	120	*
Hardness	mg/L	-/-	ANR	ANR	9.8	*
Hardness, dissolved	mg/L	-/-	ANR	ANR	6.3	*
Total Suspended Solids	mg/L	-/-	ND < 10	*	13	--
Volume Discharged	MGD	17.8/-	ANR	ANR	ANR	ANR
METALS						
Aluminum	ug/L	-/-	ANR	ANR	550	--
Aluminum, dissolved	ug/L	-/-	ANR	ANR	ND < 40	*
Antimony	ug/L	6.0/-	2.9	*	0.73	J* (DNQ)
Antimony, dissolved	ug/L	-/-	2.5	*	0.69	J* (DNQ)
Arsenic	ug/L	-/-	ANR	ANR	ND < 7.0	U
Arsenic, dissolved	ug/L	-/-	ANR	ANR	ND < 7.0	*
Beryllium	ug/L	-/-	ANR	ANR	ND < 0.90	U
Beryllium, dissolved	ug/L	-/-	ANR	ANR	ND < 0.90	*
Boron	mg/L	-/-	ANR	ANR	ND < 0.065	UJ (B)
Boron, dissolved	mg/L	-/-	ANR	ANR	0.062	B*
Cadmium	ug/L	4.0/-	0.062	J* (DNQ)	ND < 1.0	UJ (B, DNQ)
Cadmium, dissolved	ug/L	-/-	0.032	J* (DNQ)	ND < 0.050	*
Chromium	ug/L	-/-	ANR	ANR	7.7	--
Chromium, dissolved	ug/L	-/-	ANR	ANR	4.6	J* (DNQ)
Copper	ug/L	14.0/-	6.3	*	2.6	B*
Copper, dissolved	ug/L	-/-	4.1	*	1.1	J* (DNQ)
Iron	mg/L	-/-	ANR	ANR	0.62	--
Iron, dissolved	mg/L	-/-	ANR	ANR	0.027	J* (DNQ)
Lead	ug/L	5.2/-	0.59	J* (DNQ)	0.60	J* (DNQ)
Lead, dissolved	ug/L	-/-	0.065	J* (DNQ)	ND < 0.10	*
Mercury	ug/L	0.13/-	ND < 0.050	U	ND < 0.050	U
Mercury, dissolved	ug/L	-/-	ND < 0.050	U	ND < 0.050	U
Nickel	ug/L	-/-	ANR	ANR	ND < 2.0	U
Nickel, dissolved	ug/L	-/-	ANR	ANR	ND < 2.0	*
Selenium	ug/L	-/-	ANR	ANR	ND < 8.0	U
Selenium, dissolved	ug/L	-/-	ANR	ANR	ND < 8.0	*
Silver	ug/L	-/-	ANR	ANR	ND < 3.0	U
Silver, dissolved	ug/L	-/-	ANR	ANR	ND < 6.0	*
Thallium	ug/L	2.0/-	ND < 0.15	*	ND < 0.15	*
Thallium, dissolved	ug/L	-/-	ND < 0.15	*	ND < 0.15	*
Vanadium	ug/L	-/-	ANR	ANR	44	--
Vanadium, dissolved	ug/L	-/-	ANR	ANR	37	*
Zinc	ug/L	-/-	ANR	ANR	ND < 15	U

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**FIRST QUARTER 2007 REPORTING SUMMARY
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SANTA SUSANA FIELD LABORATORY
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January 1 through March 31, 2007

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/28/2007		2/19/2007	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Zinc, dissolved	ug/L	-/-	ANR	ANR	4.3	J* (DNQ)
ORGANICS						
Benzene	ug/L	-/-	ANR	ANR	ND < 0.28	*
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ND < 0.28	*
Chloroform	ug/L	-/-	ANR	ANR	ND < 0.33	*
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ND < 0.27	*
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ND < 0.28	*
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ND < 0.42	*
Ethylbenzene	ug/L	-/-	ANR	ANR	ND < 0.25	*
Tetrachloroethene	ug/L	-/-	ANR	ANR	ND < 0.32	*
Toluene	ug/L	-/-	ANR	ANR	ND < 0.36	*
Xylenes (Total)	ug/L	-/-	ANR	ANR	ND < 0.90	*
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ND < 0.30	*
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ND < 0.30	*
Trichloroethene	ug/L	-/-	ANR	ANR	ND < 0.26	*
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ND < 0.34	*
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR	ND < 1.5	*
Vinyl chloride	ug/L	-/-	ANR	ANR	ND < 0.30	*
ADDITIONAL ANALYTES						
2,4,5-Trichlorophenol	ug/L	-/-	ANR	ANR	ND < 2.8	*
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ND < 0.24	*
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ND < 2.4	*
1,2-Dichlorobenzene (EPA 625)	ug/L	-/-	ANR	ANR	ND < 2.8	*
1,2-Dichlorobenzene (EPA 624)	ug/L	-/-	ANR	ANR	ND < 0.32	*
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ND < 0.35	*
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ND < 1.9	*
1,3-Dichlorobenzene (EPA 625)	ug/L	-/-	ANR	ANR	ND < 2.8	*
1,3-Dichlorobenzene (EPA 624)	ug/L	-/-	ANR	ANR	ND < 0.35	*
1,4-Dichlorobenzene (EPA 625)	ug/L	-/-	ANR	ANR	ND < 2.4	*
1,4-Dichlorobenzene (EPA 624)	ug/L	-/-	ANR	ANR	ND < 0.37	*
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ND < 2.8	*
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ND < 1.9	*
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ND < 3.3	*
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ND < 4.2	*
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ND < 1.9	*
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ND < 1.9	*
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ND < 1.8	*
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ND < 1.9	*
2-Chlorophenol	ug/L	-/-	ANR	ANR	ND < 1.9	*
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ND < 3.8	*
2-Methylnaphthalene	ug/L	-/-	ANR	ANR	ND < 1.9	*
2-Methylphenol	ug/L	-/-	ANR	ANR	ND < 1.9	*
2-Nitrophenol	ug/L	-/-	ANR	ANR	ND < 3.3	*
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ND < 2.8	*
4,4'-DDD	ug/L	-/-	ANR	ANR	ND < 0.032	*
4,4'-DDE	ug/L	-/-	ANR	ANR	ND < 0.032	*
4,4'-DDT	ug/L	-/-	ANR	ANR	ND < 0.032	C-7*
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ND < 2.4	*
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ND < 1.9	*

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SANTA SUSANA FIELD LABORATORY
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January 1 through March 31, 2007

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/28/2007		2/19/2007	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
4-Chloroaniline	ug/L	-/-	ANR	ANR	ND < 1.9	*
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ND < 1.9	*
4-Nitrophenol	ug/L	-/-	ANR	ANR	ND < 5.2	*
Acenaphthene	ug/L	-/-	ANR	ANR	ND < 1.9	*
Acenaphthylene	ug/L	-/-	ANR	ANR	ND < 1.9	*
Acrolein	ug/L	-/-	ANR	ANR	ND < 4.6	*
Acrylonitrile	ug/L	-/-	ANR	ANR	ND < 0.70	*
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	100	*
Aldrin	ug/L	-/-	ANR	ANR	ND < 0.032	C-7*
alpha-BHC	ug/L	-/-	ANR	ANR	ND < 0.021	*
Aniline	ug/L	-/-	ANR	ANR	ND < 2.4	*
Anthracene	ug/L	-/-	ANR	ANR	ND < 1.9	*
Aroclor-1016	ug/L	-/-	ANR	ANR	ND < 0.37	*
Aroclor-1221	ug/L	-/-	ANR	ANR	ND < 0.11	*
Aroclor-1232	ug/L	-/-	ANR	ANR	ND < 0.27	*
Aroclor-1242	ug/L	-/-	ANR	ANR	ND < 0.27	*
Aroclor-1248	ug/L	-/-	ANR	ANR	ND < 0.27	*
Aroclor-1254	ug/L	-/-	ANR	ANR	ND < 0.27	*
Aroclor-1260	ug/L	-/-	ANR	ANR	ND < 0.32	*
Benzydine	ug/L	-/-	ANR	ANR	ND < 8.0	L*
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ND < 1.9	*
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ND < 1.9	*
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ND < 1.9	*
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ND < 2.8	L*
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ND < 1.9	*
Benzoic acid	ug/L	-/-	ANR	ANR	ND < 8.0	*
Benzyl alcohol	ug/L	-/-	ANR	ANR	ND < 2.4	*
beta-BHC	ug/L	-/-	ANR	ANR	ND < 0.043	*
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ND < 2.4	*
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ND < 3.8	*
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ND < 1.9	*
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ND < 2.4	*
Bromodichloromethane	ug/L	-/-	ANR	ANR	ND < 0.30	*
Bromoform	ug/L	-/-	ANR	ANR	ND < 0.40	*
Bromomethane	ug/L	-/-	ANR	ANR	ND < 0.42	*
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ND < 3.8	*
Chlordane	ug/L	-/-	ANR	ANR	ND < 0.21	*
Chlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.36	*
Chloroethane	ug/L	-/-	ANR	ANR	ND < 0.40	*
Chloromethane	ug/L	-/-	ANR	ANR	ND < 0.40	*
Chrysene	ug/L	-/-	ANR	ANR	ND < 1.9	*
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ND < 0.22	*
delta-BHC	ug/L	-/-	ANR	ANR	ND < 0.021	*
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ND < 2.8	*
Dibenzofuran	ug/L	-/-	ANR	ANR	ND < 1.9	*
Dibromochloromethane	ug/L	-/-	ANR	ANR	ND < 0.28	*
Dieldrin	ug/L	-/-	ANR	ANR	ND < 0.032	*
Diethylphthalate	ug/L	-/-	ANR	ANR	ND < 1.9	*
Dimethylphthalate	ug/L	-/-	ANR	ANR	ND < 1.9	*

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January 1 through March 31, 2007

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/28/2007		2/19/2007	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ND < 1.9	*
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ND < 1.9	*
Endosulfan I	ug/L	-/-	ANR	ANR	ND < 0.032	*
Endosulfan II	ug/L	-/-	ANR	ANR	ND < 0.043	*
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ND < 0.053	*
Endrin	ug/L	-/-	ANR	ANR	ND < 0.032	*
Endrin aldehyde	ug/L	-/-	ANR	ANR	ND < 0.053	*
Endrin ketone	ug/L	-/-	ANR	ANR	ND < 0.043	*
Fluoranthene	ug/L	-/-	ANR	ANR	ND < 1.9	*
Fluorene	ug/L	-/-	ANR	ANR	ND < 1.9	*
Heptachlor	ug/L	-/-	ANR	ANR	ND < 0.032	*
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ND < 0.032	*
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ND < 2.4	*
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ND < 3.3	*
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ND < 4.7	*
Hexachloroethane	ug/L	-/-	ANR	ANR	ND < 2.8	*
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ND < 2.8	*
Isophorone	ug/L	-/-	ANR	ANR	ND < 1.9	*
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ND < 0.032	*
Methoxychlor	ug/L	-/-	ANR	ANR	ND < 0.043	C-7*
Methylene Chloride	ug/L	-/-	ANR	ANR	ND < 0.95	*
m-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 1.9	*
Naphthalene	ug/L	-/-	ANR	ANR	ND < 2.4	*
Nitrobenzene	ug/L	-/-	ANR	ANR	ND < 2.4	*
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ND < 2.4	*
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ND < 2.4	*
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ND < 1.9	*
o-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 1.9	*
p-Cresol	ug/L	-/-	ANR	ANR	ND < 1.9	*
Pentachlorophenol	ug/L	-/-	ANR	ANR	ND < 3.3	*
Phenanthrene	ug/L	-/-	ANR	ANR	ND < 1.9	*
Phenol	ug/L	-/-	ANR	ANR	ND < 1.9	*
p-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 2.4	*
Pyrene	ug/L	-/-	ANR	ANR	ND < 1.9	*
Toxaphene	ug/L	-/-	ANR	ANR	ND < 1.6	*
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ND < 0.27	*
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ND < 0.32	*

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**FIRST QUARTER 2007 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

Sample Date January 28, 2007

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 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	1.44E-05	J (DNQ)	0.01	1.44E-07	ND
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.50E-05	3.28E-06	J (DNQ)	0.01	3.28E-08	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	2.05E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	7.57E-07	2.50E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	2.16E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	7.95E-07	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	2.04E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.11E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.26E-06	2.50E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.18E-06	2.50E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	8.26E-07	2.50E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.15E-06	2.50E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	1.12E-06	5.00E-06	ND	U	1	ND	ND
2,3,7,8-TCDF	1.29E-06	5.00E-06	ND	U	0.1	ND	ND
OCDD	0.00E+00	5.00E-05	1.09E-04	--	0.0001	1.09E-08	1.09E-08
OCDF	0.00E+00	5.00E-05	8.10E-06	J (DNQ)	0.0001	8.10E-10	ND

TCDD TEQ w/ DNQ Values	1.89E-07	
TCDD TEQ w/out DNQ Values		1.09E-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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**FIRST QUARTER 2007 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

Sample Date February 19, 2007

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 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	ND	UJ (B)	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	2.80E-06	2.50E-05	ND	U	0.01	ND	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	2.88E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	1.29E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	2.91E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	1.31E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	2.80E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.11E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.97E-06	2.50E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.81E-06	2.50E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	1.52E-06	2.50E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.80E-06	2.50E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	1.50E-06	5.00E-06	ND	U	1	ND	ND
2,3,7,8-TCDF	1.02E-06	5.00E-06	ND	U	0.1	ND	ND
OCDD	0.00E+00	8.24E-05	ND	UJ (B)	0.0001	ND	ND
OCDF	7.31E-06	5.00E-05	ND	U	0.0001	ND	ND

TCDD TEQ w/ DNQ Values	ND	
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.

OUTFALL 006 (FSDF-2)

**FIRST QUARTER 2007 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2007

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/28/2007		2/19/2007		2/27/2007	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	210	--	130	*	58	*
Fluoride	mg/L	1.6/-	ANR	ANR	0.46	J* (DNQ)	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	1.1	*	0.45	*	0.33	*
Oil & Grease	mg/L	15/-	ND < 0.89	*	ND < 0.92	*	ND < 0.89	*
Perchlorate	ug/L	6.0/-	ANR	ANR	ND < 0.80	*	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	8.4	*	7.8	*	6.9	*
Sulfate	mg/L	250/-	30	*	23	*	15	*
Temperature	deg. F	86/-	51	*	54	*	50	*
Total Cyanide	ug/L	-/-	ANR	ANR	ND < 2.2	U	ANR	ANR
Total Dissolved Solids	mg/L	850/-	780	*	550	*	290	*
Hardness	mg/L	-/-	ANR	ANR	210	*	ANR	ANR
Hardness, dissolved	mg/L	-/-	ANR	ANR	180	*	ANR	ANR
Total Suspended Solids	mg/L	-/-	ND < 10	*	16	--	13	--
Volume Discharged	MGD	17.8/-	ANR	ANR	ANR	ANR	ANR	ANR
METALS								
Aluminum	ug/L	-/-	ANR	ANR	870	--	ANR	ANR
Aluminum, dissolved	ug/L	-/-	ANR	ANR	ND < 40	*	ANR	ANR
Antimony	ug/L	6.0/-	0.85	J* (DNQ)	0.65	J* (DNQ)	0.45	J* (DNQ)
Antimony, dissolved	ug/L	-/-	0.84	J* (DNQ)	0.72	J* (DNQ)	0.46	J* (DNQ)
Arsenic	ug/L	-/-	ANR	ANR	10	--	ANR	ANR
Arsenic, dissolved	ug/L	-/-	ANR	ANR	ND < 7.0	*	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ND < 0.90	U	ANR	ANR
Beryllium, dissolved	ug/L	-/-	ANR	ANR	ND < 0.90	*	ANR	ANR
Boron	mg/L	-/-	ANR	ANR	ND < 0.050	UJ (B)	ANR	ANR
Boron, dissolved	mg/L	-/-	ANR	ANR	ND < 0.020	*	ANR	ANR
Cadmium	ug/L	4.0/-	0.038	J* (DNQ)	ND < 1.0	UJ (B)	0.12	J* (DNQ)
Cadmium, dissolved	ug/L	-/-	ND < 0.050	*	ND < 0.050	*	ND < 0.050	*
Chromium	ug/L	-/-	ANR	ANR	ND < 2.0	U	ANR	ANR
Chromium, dissolved	ug/L	-/-	ANR	ANR	ND < 2.0	*	ANR	ANR
Copper	ug/L	14.0/-	0.49	J* (DNQ)	3.5	*	1.7	J* (DNQ)
Copper, dissolved	ug/L	-/-	ND < 0.40	*	0.52	J* (DNQ)	0.50	J* (DNQ)
Iron	mg/L	-/-	ANR	ANR	0.86	--	ANR	ANR
Iron, dissolved	mg/L	-/-	ANR	ANR	ND < 0.015	*	ANR	ANR
Lead	ug/L	5.2/-	0.19	J* (DNQ)	1.0	*	1.1	*
Lead, dissolved	ug/L	-/-	ND < 0.10	*	ND < 0.10	*	ND < 0.10	*
Mercury	ug/L	0.13/-	ND < 0.050	U	ND < 0.050	U	0.057	J (DNQ)
Mercury, dissolved	ug/L	-/-	ND < 0.050	U	ND < 0.050	U	ND < 0.050	U
Nickel	ug/L	-/-	ANR	ANR	ND < 2.0	U	ANR	ANR
Nickel, dissolved	ug/L	-/-	ANR	ANR	ND < 2.0	*	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ND < 8.0	U	ANR	ANR
Selenium, dissolved	ug/L	-/-	ANR	ANR	ND < 8.0	*	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ND < 3.0	U	ANR	ANR
Silver, dissolved	ug/L	-/-	ANR	ANR	ND < 6.0	*	ANR	ANR
Thallium	ug/L	2.0/-	ND < 0.15	*	ND < 0.15	*	ND < 0.15	*
Thallium, dissolved	ug/L	-/-	ND < 0.15	*	ND < 0.15	*	ND < 0.15	*
Vanadium	ug/L	-/-	ANR	ANR	4.0	J (DNQ)	ANR	ANR
Vanadium, dissolved	ug/L	-/-	ANR	ANR	ND < 3.0	*	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ND < 15	U	ANR	ANR
Zinc, dissolved	ug/L	-/-	ANR	ANR	ND < 4.0	*	ANR	ANR
ORGANICS								
Benzene	ug/L	-/-	ANR	ANR	ND < 0.28	*	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ND < 0.28	*	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ND < 0.33	*	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ND < 0.27	*	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ND < 0.28	*	ANR	ANR

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 THE BOEING COMPANY
 SANTA SUSANA FIELD LABORATORY
 NPDES PERMIT CA0001309

January 1 through March 31, 2007

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/28/2007		2/19/2007		2/27/2007	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ND < 0.42	*	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ND < 0.25	*	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ND < 0.32	*	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR	ND < 0.36	*	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ND < 0.90	*	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ND < 0.30	*	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ND < 0.30	*	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR	ND < 0.26	*	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ND < 0.34	*	ANR	ANR
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR	ND < 1.5	*	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ND < 0.30	*	ANR	ANR
ADDITIONAL ANALYTES								
2,4,5-Trichlorophenol	ug/L	-/-	ANR	ANR	ND < 3.0	*	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ND < 0.24	*	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ND < 2.5	*	ANR	ANR
1,2-Dichlorobenzene (EPA 624)	ug/L	-/-	ANR	ANR	ND < 0.32	*	ANR	ANR
1,2-Dichlorobenzene (EPA 625)	ug/L	-/-	ANR	ANR	ND < 3.0	*	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ND < 0.35	*	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ND < 2.0	*	ANR	ANR
1,3-Dichlorobenzene (EPA 624)	ug/L	-/-	ANR	ANR	ND < 0.35	*	ANR	ANR
1,3-Dichlorobenzene (EPA 625)	ug/L	-/-	ANR	ANR	ND < 3.0	*	ANR	ANR
1,4-Dichlorobenzene (EPA 625)	ug/L	-/-	ANR	ANR	ND < 2.5	*	ANR	ANR
1,4-Dichlorobenzene (EPA 624)	ug/L	-/-	ANR	ANR	ND < 0.37	*	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ND < 3.0	*	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ND < 2.0	*	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ND < 3.5	*	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ND < 4.5	*	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ND < 2.0	*	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ND < 2.0	*	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ND < 1.8	*	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ND < 2.0	*	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ND < 2.0	*	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ND < 4.0	*	ANR	ANR
2-Methylnaphthalene	ug/L	-/-	ANR	ANR	ND < 2.0	*	ANR	ANR
2-Methylphenol	ug/L	-/-	ANR	ANR	ND < 2.0	*	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ND < 3.5	*	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ND < 3.0	*	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ND < 0.029	*	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ND < 0.029	*	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ND < 0.029	C-7*	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ND < 2.5	*	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ND < 2.0	*	ANR	ANR
4-Chloroaniline	ug/L	-/-	ANR	ANR	ND < 2.0	*	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ND < 2.0	*	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ND < 5.4	*	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ND < 2.0	*	ANR	ANR
Acenaphthylene	ug/L	-/-	ANR	ANR	ND < 2.0	*	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ND < 4.6	*	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ND < 0.70	*	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	100	*	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ND < 0.029	C-7*	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR	ND < 0.020	*	ANR	ANR
Aniline	ug/L	-/-	ANR	ANR	ND < 2.5	*	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ND < 2.0	*	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ND < 0.34	*	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ND < 0.098	*	ANR	ANR

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 NPDES PERMIT CA0001309

January 1 through March 31, 2007

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/28/2007		2/19/2007		2/27/2007	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Aroclor-1232	ug/L	-/-	ANR	ANR	ND < 0.25	*	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ND < 0.25	*	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ND < 0.25	*	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ND < 0.25	*	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ND < 0.29	*	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ND < 8.4	L*	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ND < 2.0	*	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ND < 2.0	*	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ND < 2.0	*	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ND < 3.0	L*	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ND < 2.0	*	ANR	ANR
Benzoic acid	ug/L	-/-	ANR	ANR	ND < 8.4	*	ANR	ANR
Benzyl alcohol	ug/L	-/-	ANR	ANR	ND < 2.5	*	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ND < 0.039	*	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ND < 2.5	*	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ND < 4.0	*	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ND < 2.0	*	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ND < 2.5	*	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ND < 0.30	*	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ND < 0.40	*	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ND < 0.42	*	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ND < 4.0	*	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ND < 0.20	*	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.36	*	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ND < 0.40	*	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ND < 0.40	*	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ND < 2.0	*	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ND < 0.22	*	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ND < 0.020	*	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ND < 3.0	*	ANR	ANR
Dibenzofuran	ug/L	-/-	ANR	ANR	ND < 2.0	*	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ND < 0.28	*	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ND < 0.029	*	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ND < 2.0	*	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ND < 2.0	*	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ND < 2.0	*	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ND < 2.0	*	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ND < 0.029	*	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ND < 0.039	*	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ND < 0.049	*	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ND < 0.029	*	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ND < 0.049	*	ANR	ANR
Endrin ketone	ug/L	-/-	ANR	ANR	ND < 0.039	*	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ND < 2.0	*	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ND < 2.0	*	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ND < 0.029	*	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ND < 0.029	*	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ND < 2.5	*	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ND < 3.5	*	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ND < 5.0	*	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ND < 3.0	*	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ND < 3.0	*	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ND < 2.0	*	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ND < 0.029	*	ANR	ANR
Methoxychlor	ug/L	-/-	ANR	ANR	ND < 0.039	C-7*	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ND < 0.95	*	ANR	ANR

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**FIRST QUARTER 2007 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2007

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/28/2007		2/19/2007		2/27/2007	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
m-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 2.0	*	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ND < 2.5	*	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ND < 2.5	*	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ND < 2.5	*	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ND < 2.5	*	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ND < 2.0	*	ANR	ANR
o-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 2.0	*	ANR	ANR
p-Cresol	ug/L	-/-	ANR	ANR	ND < 2.0	*	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ND < 3.5	*	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ND < 2.0	*	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ND < 2.0	*	ANR	ANR
p-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 2.5	*	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ND < 2.0	*	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ND < 1.5	*	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ND < 0.27	*	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ND < 0.32	*	ANR	ANR

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THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

Sample Date January 28, 2007

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 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	1.45E-06	ND	UJ (*10)	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	8.76E-07	2.50E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	4.79E-07	2.50E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.13E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	4.75E-07	2.50E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.14E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	4.96E-07	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.10E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	6.95E-07	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.17E-06	2.50E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	9.31E-07	2.50E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	5.37E-07	2.50E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	9.04E-07	2.50E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	9.47E-07	5.00E-06	ND	U	1	ND	ND
2,3,7,8-TCDF	7.72E-07	5.00E-06	ND	U	0.1	ND	ND
OCDD	0.00E+00	5.00E-05	ND	UJ (B)	0.0001	ND	ND
OCDF	2.02E-06	5.00E-05	ND	U	0.0001	ND	ND

TCDD TEQ w/ DNQ Values	ND	
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.

OUTFALL 006 (FSDF-2)

**FIRST QUARTER 2007 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

Sample Date February 19, 2007

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 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	ND	UJ (B)	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	2.03E-06	2.50E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	8.70E-07	2.50E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	2.49E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	9.15E-07	2.50E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	2.76E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	9.32E-07	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	2.55E-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	1.29E-06	2.50E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.95E-06	2.50E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	1.05E-06	2.50E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.84E-06	2.50E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	1.37E-06	5.00E-06	ND	U	1	ND	ND
2,3,7,8-TCDF	1.19E-06	5.00E-06	ND	U	0.1	ND	ND
OCDD	0.00E+00	5.00E-05	ND	UJ (B)	0.0001	ND	ND
OCDF	6.33E-06	5.00E-05	ND	U	0.0001	ND	ND

TCDD TEQ w/ DNQ Values	ND	
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.

OUTFALL 006 (FSDF-2)

**FIRST QUARTER 2007 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

Sample Date February 27, 2007

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 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	2.90E-06	2.50E-05	ND	U	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	1.12E-06	2.50E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	1.41E-06	2.50E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	3.00E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	5.43E-07	2.50E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.38E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	5.48E-07	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.31E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.17E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.24E-06	2.50E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	5.89E-07	2.50E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	6.58E-07	2.50E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	6.14E-07	2.50E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	5.21E-07	5.00E-06	ND	U	1	ND	ND
2,3,7,8-TCDF	4.66E-07	5.00E-06	ND	U	0.1	ND	ND
OCDD	0.00E+00	5.00E-05	3.50E-05	J (DNQ)	0.0001	3.50E-09	ND
OCDF	2.42E-06	5.00E-05	ND	U	0.0001	ND	ND

TCDD TEQ w/ DNQ Values	3.50E-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.

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2007 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2007

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/28/2007		2/19/2007	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	24	*	13	*
Fluoride	mg/L	1.6/-	ANR	ANR	0.40	J* (DNQ)
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	1.4	*	0.55	*
Oil & Grease	mg/L	15/-	1.1	J* (DNQ)	ND < 0.89	*
Perchlorate	ug/L	6.0/-	ANR	ANR	ND < 0.80	*
pH (Field)	pH units	6.5-8.5/-	7.7	*	7.3	*
Sulfate	mg/L	250/-	79	*	44	*
Temperature	deg. F	86/-	50	*	50	*
Total Cyanide	ug/L	-/-	ANR	ANR	2.2	J (DNQ)
Total Dissolved Solids	mg/L	850/-	260	*	270	*
Hardness	mg/L	-/-	ANR	ANR	98	*
Hardness, dissolved	mg/L	-/-	ANR	ANR	91	*
Total Suspended Solids	mg/L	-/-	ND < 10	*	12	--
Volume Discharged	MGD	17.8/-	ANR	ANR	ANR	ANR
METALS						
Aluminum	ug/L	-/-	ANR	ANR	410	--
Aluminum, dissolved	ug/L	-/-	ANR	ANR	ND < 40	*
Antimony	ug/L	6.0/-	0.37	J* (DNQ)	0.49	J* (DNQ)
Antimony, dissolved	ug/L	-/-	0.35	J* (DNQ)	0.48	J* (DNQ)
Arsenic	ug/L	-/-	ANR	ANR	ND < 7.0	U
Arsenic, dissolved	ug/L	-/-	ANR	ANR	ND < 7.0	*
Beryllium	ug/L	-/-	ANR	ANR	ND < 0.90	U
Beryllium, dissolved	ug/L	-/-	ANR	ANR	ND < 0.90	*
Boron	mg/L	1.0/-	ANR	ANR	0.21	--
Boron, dissolved	mg/L	-/-	ANR	ANR	0.21	B*
Cadmium	ug/L	4.0/-	0.040	J* (DNQ)	0.056	UJ (B, DNQ)
Cadmium, dissolved	ug/L	-/-	ND < 0.050	*	ND < 0.050	*
Chromium	ug/L	-/-	ANR	ANR	ND < 2.0	U
Chromium, dissolved	ug/L	-/-	ANR	ANR	ND < 2.0	*
Copper	ug/L	14.0/-	2.5	*	3.7	*
Copper, dissolved	ug/L	-/-	2.7	*	2.1	*
Iron	mg/L	-/-	ANR	ANR	0.42	--
Iron, dissolved	mg/L	-/-	ANR	ANR	0.026	J* (DNQ)
Lead	ug/L	5.2/-	0.59	J* (DNQ)	1.7	*
Lead, dissolved	ug/L	-/-	0.12	J* (DNQ)	0.15	J* (DNQ)
Mercury	ug/L	0.13/-	ND < 0.050	U	ND < 0.050	U
Mercury, dissolved	ug/L	-/-	ND < 0.050	U	ND < 0.050	U
Nickel	ug/L	-/-	ANR	ANR	ND < 2.0	U
Nickel, dissolved	ug/L	-/-	ANR	ANR	2.3	J* (DNQ)
Selenium	ug/L	-/-	ANR	ANR	ND < 8.0	U
Selenium, dissolved	ug/L	-/-	ANR	ANR	ND < 8.0	*
Silver	ug/L	-/-	ANR	ANR	ND < 3.0	U
Silver, dissolved	ug/L	-/-	ANR	ANR	ND < 6.0	*
Thallium	ug/L	2.0/-	ND < 0.15	*	ND < 0.15	*
Thallium, dissolved	ug/L	-/-	ND < 0.15	*	ND < 0.15	*
Vanadium	ug/L	-/-	ANR	ANR	ND < 3.0	*
Vanadium, dissolved	ug/L	-/-	ANR	ANR	ND < 3.0	U
Zinc	ug/L	-/-	ANR	ANR	51	--

OUTFALL 009 (WS-13 Drainage)

FIRST QUARTER 2007 REPORTING SUMMARY
 THE BOEING COMPANY
 SANTA SUSANA FIELD LABORATORY
 NPDES PERMIT CA0001309

January 1 through March 31, 2007

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/28/2007		2/19/2007	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Zinc, dissolved	ug/L	-/-	ANR	ANR	ND < 4.0	*
ORGANICS						
Benzene	ug/L	-/-	ANR	ANR	ND < 0.28	M1*
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ND < 0.28	*
Chloroform	ug/L	-/-	ANR	ANR	ND < 0.33	*
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ND < 0.27	M1*
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ND < 0.28	*
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ND < 0.42	*
Ethylbenzene	ug/L	-/-	ANR	ANR	ND < 0.25	M1*
Tetrachloroethene	ug/L	-/-	ANR	ANR	ND < 0.32	*
Toluene	ug/L	-/-	ANR	ANR	ND < 0.36	M1*
Xylenes (Total)	ug/L	-/-	ANR	ANR	ND < 0.90	M1*
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ND < 0.30	*
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ND < 0.30	M1*
Trichloroethene	ug/L	-/-	ANR	ANR	ND < 0.26	M1*
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ND < 0.34	*
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR	ND < 1.5	*
Vinyl chloride	ug/L	-/-	ANR	ANR	ND < 0.30	M1*
ADDITIONAL ANALYTES						
2,4,5-Trichlorophenol	ug/L	-/-	ANR	ANR	ND < 3.1	*
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ND < 0.24	*
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ND < 2.6	*
1,2-Dichlorobenzene (EPA 625)	ug/L	-/-	ANR	ANR	ND < 3.1	*
1,2-Dichlorobenzene (EPA 624)	ug/L	-/-	ANR	ANR	ND < 0.32	M1*
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ND < 0.35	M1*
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ND < 2.1	*
1,3-Dichlorobenzene (EPA 625)	ug/L	-/-	ANR	ANR	ND < 3.1	*
1,3-Dichlorobenzene (EPA 624)	ug/L	-/-	ANR	ANR	ND < 0.35	M1*
1,4-Dichlorobenzene (EPA 624)	ug/L	-/-	ANR	ANR	ND < 0.37	M1*
1,4-Dichlorobenzene (EPA 625)	ug/L	-/-	ANR	ANR	ND < 2.6	*
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ND < 3.1	*
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ND < 2.1	*
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ND < 3.6	*
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ND < 4.6	*
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ND < 2.1	*
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ND < 2.1	*
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ND < 1.8	*
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ND < 2.1	*
2-Chlorophenol	ug/L	-/-	ANR	ANR	ND < 2.1	*
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ND < 4.1	*
2-Methylnaphthalene	ug/L	-/-	ANR	ANR	ND < 2.1	*
2-Methylphenol	ug/L	-/-	ANR	ANR	ND < 2.1	*
2-Nitrophenol	ug/L	-/-	ANR	ANR	ND < 3.6	*
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ND < 3.1	*
4,4'-DDD	ug/L	-/-	ANR	ANR	ND < 0.029	*
4,4'-DDE	ug/L	-/-	ANR	ANR	ND < 0.029	*
4,4'-DDT	ug/L	-/-	ANR	ANR	ND < 0.029	C-7*
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ND < 2.6	*
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ND < 2.1	*

OUTFALL 009 (WS-13 Drainage)

FIRST QUARTER 2007 REPORTING SUMMARY
 THE BOEING COMPANY
 SANTA SUSANA FIELD LABORATORY
 NPDES PERMIT CA0001309

January 1 through March 31, 2007

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/28/2007		2/19/2007	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
4-Chloroaniline	ug/L	-/-	ANR	ANR	ND < 2.1	*
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ND < 2.1	*
4-Nitrophenol	ug/L	-/-	ANR	ANR	ND < 5.7	*
Acenaphthene	ug/L	-/-	ANR	ANR	ND < 2.1	*
Acenaphthylene	ug/L	-/-	ANR	ANR	ND < 2.1	*
Acrolein	ug/L	-/-	ANR	ANR	ND < 4.6	*
Acrylonitrile	ug/L	-/-	ANR	ANR	ND < 0.70	*
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	100	*
Aldrin	ug/L	-/-	ANR	ANR	ND < 0.029	C-7*
alpha-BHC	ug/L	-/-	ANR	ANR	ND < 0.019	*
Aniline	ug/L	-/-	ANR	ANR	ND < 2.6	*
Anthracene	ug/L	-/-	ANR	ANR	ND < 2.1	*
Aroclor-1016	ug/L	-/-	ANR	ANR	ND < 0.33	*
Aroclor-1221	ug/L	-/-	ANR	ANR	ND < 0.095	*
Aroclor-1232	ug/L	-/-	ANR	ANR	ND < 0.24	*
Aroclor-1242	ug/L	-/-	ANR	ANR	ND < 0.24	*
Aroclor-1248	ug/L	-/-	ANR	ANR	ND < 0.24	*
Aroclor-1254	ug/L	-/-	ANR	ANR	ND < 0.24	*
Aroclor-1260	ug/L	-/-	ANR	ANR	ND < 0.29	*
Benzidine	ug/L	-/-	ANR	ANR	ND < 8.8	L*
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ND < 2.1	*
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ND < 2.1	*
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ND < 2.1	*
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ND < 3.1	L*
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ND < 2.1	*
Benzoic acid	ug/L	-/-	ANR	ANR	ND < 8.8	*
Benzyl alcohol	ug/L	-/-	ANR	ANR	ND < 2.6	*
beta-BHC	ug/L	-/-	ANR	ANR	ND < 0.038	*
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ND < 2.6	*
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ND < 4.1	*
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ND < 2.1	*
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ND < 2.6	*
Bromodichloromethane	ug/L	-/-	ANR	ANR	ND < 0.30	M1*
Bromoform	ug/L	-/-	ANR	ANR	ND < 0.40	*
Bromomethane	ug/L	-/-	ANR	ANR	ND < 0.42	M1*
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ND < 4.1	*
Chlordane	ug/L	-/-	ANR	ANR	ND < 0.19	*
Chlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.36	M1*
Chloroethane	ug/L	-/-	ANR	ANR	ND < 0.40	*
Chloromethane	ug/L	-/-	ANR	ANR	ND < 0.40	M1*
Chrysene	ug/L	-/-	ANR	ANR	ND < 2.1	*
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ND < 0.22	*
delta-BHC	ug/L	-/-	ANR	ANR	ND < 0.019	*
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ND < 3.1	*
Dibenzofuran	ug/L	-/-	ANR	ANR	ND < 2.1	*
Dibromochloromethane	ug/L	-/-	ANR	ANR	ND < 0.28	M1*
Dieldrin	ug/L	-/-	ANR	ANR	ND < 0.029	*
Diethylphthalate	ug/L	-/-	ANR	ANR	ND < 2.1	*
Dimethylphthalate	ug/L	-/-	ANR	ANR	ND < 2.1	*

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2007 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2007

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/28/2007		2/19/2007	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ND < 2.1	*
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ND < 2.1	*
Endosulfan I	ug/L	-/-	ANR	ANR	ND < 0.029	*
Endosulfan II	ug/L	-/-	ANR	ANR	ND < 0.038	*
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ND < 0.048	*
Endrin	ug/L	-/-	ANR	ANR	ND < 0.029	*
Endrin aldehyde	ug/L	-/-	ANR	ANR	ND < 0.048	*
Endrin ketone	ug/L	-/-	ANR	ANR	ND < 0.038	*
Fluoranthene	ug/L	-/-	ANR	ANR	ND < 2.1	*
Fluorene	ug/L	-/-	ANR	ANR	ND < 2.1	*
Heptachlor	ug/L	-/-	ANR	ANR	ND < 0.029	*
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ND < 0.029	*
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ND < 2.6	*
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ND < 3.6	*
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ND < 5.2	*
Hexachloroethane	ug/L	-/-	ANR	ANR	ND < 3.1	*
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ND < 3.1	*
Isophorone	ug/L	-/-	ANR	ANR	ND < 2.1	*
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ND < 0.029	*
Methoxychlor	ug/L	-/-	ANR	ANR	ND < 0.038	C-7*
Methylene Chloride	ug/L	-/-	ANR	ANR	ND < 0.95	*
m-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 2.1	*
Naphthalene	ug/L	-/-	ANR	ANR	ND < 2.6	*
Nitrobenzene	ug/L	-/-	ANR	ANR	ND < 2.6	*
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ND < 2.6	*
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ND < 2.6	*
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ND < 2.1	*
o-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 2.1	*
p-Cresol	ug/L	-/-	ANR	ANR	ND < 2.1	*
Pentachlorophenol	ug/L	-/-	ANR	ANR	ND < 3.6	*
Phenanthrene	ug/L	-/-	ANR	ANR	ND < 2.1	*
Phenol	ug/L	-/-	ANR	ANR	ND < 2.1	*
p-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 2.6	*
Pyrene	ug/L	-/-	ANR	ANR	ND < 2.1	*
Toxaphene	ug/L	-/-	ANR	ANR	ND < 1.4	*
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ND < 0.27	M1*
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ND < 0.32	*

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2007 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

Sample Date January 28, 2007

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 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	1.44E-05	J (DNQ)	0.01	1.44E-07	ND
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.50E-05	4.46E-06	J (DNQ)	0.01	4.46E-08	ND
1,2,3,4,7,8,9-HpCDF	1.33E-06	2.50E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.33E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	6.84E-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	6.74E-07	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.33E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	6.91E-07	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.08E-06	2.50E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	9.04E-07	2.50E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	7.62E-07	2.50E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	9.25E-07	2.50E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	9.57E-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	1.72E-04	--	0.0001	1.72E-08	1.72E-08
OCDF	0.00E+00	5.00E-05	1.52E-05	J (DNQ)	0.0001	1.52E-09	ND

TCDD TEQ w/ DNQ Values	2.07E-07	
TCDD TEQ w/out DNQ Values		1.72E-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.

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2007 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

Sample Date February 19, 2007

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 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	6.60E-05	--	0.01	6.60E-07	6.60E-07
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.50E-05	2.29E-05	J (DNQ)	0.01	2.29E-07	ND
1,2,3,4,7,8,9-HpCDF	4.72E-06	2.50E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	3.84E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	2.02E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	5.68E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	2.08E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	5.19E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	2.04E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	2.91E-06	2.50E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.86E-06	2.50E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	1.57E-06	2.50E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	3.18E-06	2.50E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	1.72E-06	5.00E-06	ND	U	1	ND	ND
2,3,7,8-TCDF	1.68E-06	5.00E-06	ND	U	0.1	ND	ND
OCDD	0.00E+00	5.00E-05	9.76E-04	--	0.0001	9.76E-08	9.76E-08
OCDF	0.00E+00	5.00E-05	6.56E-05	--	0.0001	6.56E-09	6.56E-09

TCDD TEQ w/ DNQ Values	9.93E-07	
TCDD TEQ w/out DNQ Values		7.64E-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.

OUTFALL 010 (Building 203)

**FIRST QUARTER 2007 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2007

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/28/2007		2/19/2007	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	93	*	61	*
Fluoride	mg/L	1.6/-	ANR	ANR	0.39	J* (DNQ)
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	0.95	*	0.42	*
Oil & Grease	mg/L	15/-	ND < 0.89	*	ND < 0.92	*
Perchlorate	ug/L	6.0/-	ANR	ANR	ND < 0.80	*
pH (Field)	pH units	6.5-8.5/-	8.1	*	7.2	*
Sulfate	mg/L	250/-	27	*	12	*
Temperature	deg. F	86/-	50	*	53	*
Total Cyanide	ug/L	-/-	ANR	ANR	ND < 2.2	U
Total Dissolved Solids	mg/L	850/-	480	*	300	*
Hardness	mg/L	-/-	ANR	ANR	160	*
Hardness, dissolved	mg/L	-/-	ANR	ANR	140	*
Total Suspended Solids	mg/L	-/-	31	*	28	--
Volume Discharged	MGD	17.8/-	ANR	ANR	ANR	ANR
METALS						
Aluminum	ug/L	-/-	ANR	ANR	1600	--
Aluminum, dissolved	ug/L	-/-	ANR	ANR	ND < 50	*
Antimony	ug/L	6.0/-	2.0	*	1.6	J* (DNQ)
Antimony, dissolved	ug/L	-/-	2.0	*	ND < 2.0	*
Arsenic	ug/L	-/-	ANR	ANR	ND < 7.0	U
Arsenic, dissolved	ug/L	-/-	ANR	ANR	ND < 10	*
Beryllium	ug/L	-/-	ANR	ANR	ND < 0.90	U
Beryllium, dissolved	ug/L	-/-	ANR	ANR	ND < 2.0	*
Boron	mg/L	-/-	ANR	ANR	ND < 0.050	UJ (B)
Boron, dissolved	mg/L	-/-	ANR	ANR	ND < 0.050	B*
Cadmium	ug/L	4.0/-	0.061	J* (DNQ)	ND < 1.0	UJ (B)
Cadmium, dissolved	ug/L	-/-	ND < 0.050	*	ND < 1.0	*
Chromium	ug/L	-/-	ANR	ANR	3.3	J (DNQ)
Chromium, dissolved	ug/L	-/-	ANR	ANR	ND < 5.0	*
Copper	ug/L	14.0/-	3.7	*	2.4	B*
Copper, dissolved	ug/L	-/-	1.9	J* (DNQ)	ND < 2.0	*
Iron	mg/L	-/-	ANR	ANR	1.5	--
Iron, dissolved	mg/L	-/-	ANR	ANR	ND < 0.040	*
Lead	ug/L	5.2/-	0.91	J* (DNQ)	0.84	J* (DNQ)
Lead, dissolved	ug/L	-/-	ND < 0.10	*	ND < 1.0	*
Mercury	ug/L	0.13/-	ND < 0.050	U	ND < 0.050	U
Mercury, dissolved	ug/L	-/-	ND < 0.050	U	ND < 0.050	U
Nickel	ug/L	-/-	ANR	ANR	ND < 2.0	U
Nickel, dissolved	ug/L	-/-	ANR	ANR	ND < 10	*
Selenium	ug/L	-/-	ANR	ANR	ND < 8.0	U
Selenium, dissolved	ug/L	-/-	ANR	ANR	ND < 10	*
Silver	ug/L	-/-	ANR	ANR	ND < 3.0	U
Silver, dissolved	ug/L	-/-	ANR	ANR	ND < 10	*
Thallium	ug/L	2.0/-	ND < 0.15	*	ND < 0.15	*
Thallium, dissolved	ug/L	-/-	ND < 0.15	*	ND < 1.0	*
Vanadium	ug/L	-/-	ANR	ANR	8.3	J (DNQ)
Vanadium, dissolved	ug/L	-/-	ANR	ANR	ND < 10	*
Zinc	ug/L	-/-	ANR	ANR	ND < 15	U

OUTFALL 010 (Building 203)

**FIRST QUARTER 2007 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2007

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/28/2007		2/19/2007	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Zinc, dissolved	ug/L	-/-	ANR	ANR	ND < 20	*
ORGANICS						
Benzene	ug/L	-/-	ANR	ANR	ND < 0.28	*
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ND < 0.28	*
Chloroform	ug/L	-/-	ANR	ANR	ND < 0.33	*
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ND < 0.27	*
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ND < 0.28	*
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ND < 0.42	*
Ethylbenzene	ug/L	-/-	ANR	ANR	ND < 0.25	*
Tetrachloroethene	ug/L	-/-	ANR	ANR	ND < 0.32	*
Toluene	ug/L	-/-	ANR	ANR	ND < 0.36	*
Xylenes (Total)	ug/L	-/-	ANR	ANR	ND < 0.90	*
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ND < 0.30	*
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ND < 0.30	*
Trichloroethene	ug/L	-/-	ANR	ANR	ND < 0.26	*
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ND < 0.34	*
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR	ND < 1.5	*
Vinyl chloride	ug/L	-/-	ANR	ANR	ND < 0.30	*
ADDITIONAL ANALYTES						
2,4,5-Trichlorophenol	ug/L	-/-	ANR	ANR	ND < 2.9	*
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ND < 0.24	*
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ND < 2.5	*
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.32	*
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 2.9	*
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ND < 0.35	*
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ND < 2.0	*
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.35	*
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 2.9	*
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 2.5	*
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.37	*
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ND < 2.9	*
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ND < 2.0	*
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ND < 3.4	*
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ND < 4.4	*
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ND < 2.0	*
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ND < 2.0	*
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ND < 1.8	*
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ND < 2.0	*
2-Chlorophenol	ug/L	-/-	ANR	ANR	ND < 2.0	*
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ND < 3.9	*
2-Methylnaphthalene	ug/L	-/-	ANR	ANR	ND < 2.0	*
2-Methylphenol	ug/L	-/-	ANR	ANR	ND < 2.0	*
2-Nitrophenol	ug/L	-/-	ANR	ANR	ND < 3.4	*
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ND < 2.9	*
4,4'-DDD	ug/L	-/-	ANR	ANR	ND < 0.028	*
4,4'-DDE	ug/L	-/-	ANR	ANR	ND < 0.028	*
4,4'-DDT	ug/L	-/-	ANR	ANR	ND < 0.028	C-7*
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ND < 2.5	*
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ND < 2.0	*

OUTFALL 010 (Building 203)

**FIRST QUARTER 2007 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2007

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/28/2007		2/19/2007	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
4-Chloroaniline	ug/L	-/-	ANR	ANR	ND < 2.0	*
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ND < 2.0	*
4-Nitrophenol	ug/L	-/-	ANR	ANR	ND < 5.4	*
Acenaphthene	ug/L	-/-	ANR	ANR	ND < 2.0	*
Acenaphthylene	ug/L	-/-	ANR	ANR	ND < 2.0	*
Acrolein	ug/L	-/-	ANR	ANR	ND < 4.6	*
Acrylonitrile	ug/L	-/-	ANR	ANR	ND < 0.70	*
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	100	*
Aldrin	ug/L	-/-	ANR	ANR	ND < 0.028	C-7*
alpha-BHC	ug/L	-/-	ANR	ANR	ND < 0.019	*
Aniline	ug/L	-/-	ANR	ANR	ND < 2.5	*
Anthracene	ug/L	-/-	ANR	ANR	ND < 2.0	*
Aroclor-1016	ug/L	-/-	ANR	ANR	ND < 0.33	*
Aroclor-1221	ug/L	-/-	ANR	ANR	ND < 0.094	*
Aroclor-1232	ug/L	-/-	ANR	ANR	ND < 0.24	*
Aroclor-1242	ug/L	-/-	ANR	ANR	ND < 0.24	*
Aroclor-1248	ug/L	-/-	ANR	ANR	ND < 0.24	*
Aroclor-1254	ug/L	-/-	ANR	ANR	ND < 0.24	*
Aroclor-1260	ug/L	-/-	ANR	ANR	ND < 0.28	*
Benzidine	ug/L	-/-	ANR	ANR	ND < 8.3	L*
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ND < 2.0	*
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ND < 2.0	*
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ND < 2.0	*
Benzo(g,h,l)perylene	ug/L	-/-	ANR	ANR	ND < 2.9	L*
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ND < 2.0	*
Benzoic acid	ug/L	-/-	ANR	ANR	ND < 8.3	*
Benzyl alcohol	ug/L	-/-	ANR	ANR	ND < 2.5	*
beta-BHC	ug/L	-/-	ANR	ANR	ND < 0.038	*
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ND < 2.5	*
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ND < 3.9	*
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ND < 2.0	*
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ND < 2.5	*
Bromodichloromethane	ug/L	-/-	ANR	ANR	ND < 0.30	*
Bromoform	ug/L	-/-	ANR	ANR	ND < 0.40	*
Bromomethane	ug/L	-/-	ANR	ANR	ND < 0.42	*
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ND < 3.9	*
Chlordane	ug/L	-/-	ANR	ANR	ND < 0.19	*
Chlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.36	*
Chloroethane	ug/L	-/-	ANR	ANR	ND < 0.40	*
Chloromethane	ug/L	-/-	ANR	ANR	ND < 0.40	*
Chrysene	ug/L	-/-	ANR	ANR	ND < 2.0	*
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ND < 0.22	*
delta-BHC	ug/L	-/-	ANR	ANR	ND < 0.019	*
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ND < 2.9	*
Dibenzofuran	ug/L	-/-	ANR	ANR	ND < 2.0	*
Dibromochloromethane	ug/L	-/-	ANR	ANR	ND < 0.28	*
Dieldrin	ug/L	-/-	ANR	ANR	ND < 0.028	*
Diethylphthalate	ug/L	-/-	ANR	ANR	ND < 2.0	*
Dimethylphthalate	ug/L	-/-	ANR	ANR	ND < 2.0	*

OUTFALL 010 (Building 203)

**FIRST QUARTER 2007 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2007

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/28/2007		2/19/2007	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ND < 2.0	*
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ND < 2.0	*
Endosulfan I	ug/L	-/-	ANR	ANR	ND < 0.028	*
Endosulfan II	ug/L	-/-	ANR	ANR	ND < 0.038	*
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ND < 0.047	*
Endrin	ug/L	-/-	ANR	ANR	ND < 0.028	*
Endrin aldehyde	ug/L	-/-	ANR	ANR	ND < 0.047	*
Endrin ketone	ug/L	-/-	ANR	ANR	ND < 0.038	*
Fluoranthene	ug/L	-/-	ANR	ANR	ND < 2.0	*
Fluorene	ug/L	-/-	ANR	ANR	ND < 2.0	*
Heptachlor	ug/L	-/-	ANR	ANR	ND < 0.028	*
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ND < 0.028	*
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ND < 2.5	*
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ND < 3.4	*
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ND < 4.9	*
Hexachloroethane	ug/L	-/-	ANR	ANR	ND < 2.9	*
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ND < 2.9	*
Isophorone	ug/L	-/-	ANR	ANR	ND < 2.0	*
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ND < 0.028	*
Methoxychlor	ug/L	-/-	ANR	ANR	ND < 0.038	C-7*
Methylene Chloride	ug/L	-/-	ANR	ANR	ND < 0.95	*
m-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 2.0	*
Naphthalene	ug/L	-/-	ANR	ANR	ND < 2.5	*
Nitrobenzene	ug/L	-/-	ANR	ANR	ND < 2.5	*
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ND < 2.5	*
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ND < 2.5	*
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ND < 2.0	*
o-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 2.0	*
p-Cresol	ug/L	-/-	ANR	ANR	ND < 2.0	*
Pentachlorophenol	ug/L	-/-	ANR	ANR	ND < 3.4	*
Phenanthrene	ug/L	-/-	ANR	ANR	ND < 2.0	*
Phenol	ug/L	-/-	ANR	ANR	ND < 2.0	*
p-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 2.5	*
Pyrene	ug/L	-/-	ANR	ANR	ND < 2.0	*
Toxaphene	ug/L	-/-	ANR	ANR	ND < 1.4	*
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ND < 0.27	*
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ND < 0.32	*

OUTFALL 010 (Building 203)

**FIRST QUARTER 2007 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

Sample Date January 28, 2007

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 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	8.65E-06	J (DNQ)	0.01	8.65E-08	ND
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.50E-05	1.98E-06	J (DNQ)	0.01	1.98E-08	ND
1,2,3,4,7,8,9-HpCDF	7.52E-07	2.50E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	2.48E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	6.64E-07	2.50E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	2.70E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	6.75E-07	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	2.51E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	9.88E-07	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.62E-06	2.50E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	9.95E-07	2.50E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	7.17E-07	2.50E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	9.50E-07	2.50E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	8.18E-07	5.00E-06	ND	U	1	ND	ND
2,3,7,8-TCDF	7.71E-07	5.00E-06	ND	U	0.1	ND	ND
OCDD	0.00E+00	5.00E-05	9.20E-05	--	0.0001	9.20E-09	9.20E-09
OCDF	0.00E+00	5.00E-05	8.31E-06	J (DNQ)	0.0001	8.31E-10	ND

TCDD TEQ w/ DNQ Values	1.16E-07	
TCDD TEQ w/out DNQ Values		9.20E-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.

OUTFALL 010 (Building 203)

**FIRST QUARTER 2007 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

Sample Date February 19, 2007

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 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	ND	UJ (B)	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	2.04E-06	2.50E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	9.60E-07	2.50E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	2.46E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	7.18E-07	2.50E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	2.43E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	7.43E-07	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	2.37E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.11E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	8.88E-07	2.50E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.03E-06	2.50E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	8.50E-07	2.50E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	9.52E-07	2.50E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	1.04E-06	5.00E-06	ND	U	1	ND	ND
2,3,7,8-TCDF	8.49E-07	5.00E-06	ND	U	0.1	ND	ND
OCDD	0.00E+00	5.00E-05	ND	UJ (B)	0.0001	ND	ND
OCDF	0.00E+00	5.00E-05	4.61E-06	J (DNQ)	0.0001	4.61E-10	ND

TCDD TEQ w/ DNQ Values	4.61E-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.

APPENDIX D

1st QUARTER 2007 FOLLOW-ON
RADIOLOGICAL MONITORING DATA

**FIRST QUARTER 2007 REPORTING SUMMARY NOTES
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

Notes:

1. 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 1998 World Health Organization's (WHO) toxic equivalency factor (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.
2. For some sample dates, pH was determined with a field instrument to obtain a more representative result and was noted as such. These results were not validated.
3. The NPDES permit limits for mercury of 0.10 µg/L (Outfalls 001, 002, 011, and 018) and 0.13 µg/L (Outfalls 3-10) are not achievable by the laboratory; therefore, the laboratory reporting limit of 0.20 µg/L was used to determine compliance.
4. Data presented in the report tables are reported as quantified to the MDL (ND < MDL) and includes estimated detections (DNQ values) to provide low-level information and to give an indication of the sensitivity of the methods used. The laboratory-derived MDLs are designed to be reliable however, the data generation and validation procedures are designed to establish defensibility of quantified data to the RL. Data presented in the tables are accurate and reliable as qualified, but the final laboratory data reports and data validation reports must be used to determine legal defensibility. This does not affect compliance determination, since values below the RL are not used for compliance purposes.

Symbols and Abbreviations:

The following symbols and abbreviations may occur on report tables:

-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
*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%

**FIRST QUARTER 2007 REPORTING SUMMARY NOTES
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

*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	milliliters per liter
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	picocuries per liter
pg/L	picograms per liter

**FIRST QUARTER 2007 REPORTING SUMMARY NOTES
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

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	(as a 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 equivalency quotient
T	presumed contamination, as indicated by a detect in the trip blank
TU _c	toxicity units (chronic)
U	result not detected
ug/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)

**FIRST QUARTER 2007 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2007

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/28/2007		
			RESULT	MDA	VALIDATION QUALIFIER
RADIOACTIVITY					
Gross Alpha	pCi/L	15/-	-1.15 ±0.75	1.3	UJ (R,L)
Gross Beta	pCi/L	50/-	56.3 ± 1.9	1.3	--
Strontium-90	pCi/L	8.0/-	0.004 ±0.24	0.49	U
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	0.267 ±0.459	1.05	U
Tritium	pCi/L	20000/-	47.7 ±93	150	U
GAMMA SPECTROSCOPY					
Actinium-228	pCi/L	-/-	ND < 4.2	4.2	*
Actinium-228	pCi/L	-/-	ND < 17.5	17.5	UJ (H)
Americium-241	pCi/L	-/-	ND < 6.4	6.4	*
Mercurium-243	pCi/L	-/-	ND < 140	140	UJ (H)
Bismuth-212	pCi/L	-/-	ND < 13	13	*
Bismuth-214	pCi/L	-/-	ND < 2.2	2.2	*
Cesium-134	pCi/L	-/-	ND < 1.3	1.3	*
Cesium-137	pCi/L	-/-	ND < 1.1	1.1	*
Cesium-137	pCi/L	-/-	ND < 13.1	13.1	UJ (H)
Cobalt-58	pCi/L	-/-	ND < 2.3	2.3	*
Cobalt-58	pCi/L	-/-	ND < 19.0	19.0	UJ (H)
Cobalt-60	pCi/L	-/-	ND < 0.99	0.99	*
Cobalt-60	pCi/L	-/-	ND < 13.4	13.4	UJ (H)
Europium-152	pCi/L	-/-	ND < 3.0	3.0	*
Europium-152	pCi/L	-/-	ND < 36.6	36.6	UJ (H)
Europium-154	pCi/L	-/-	ND < 3.0	3.0	*
Europium-154	pCi/L	-/-	ND < 42.6	42.6	UJ (H)
Lead-210	pCi/L	-/-	ND < 160	160	*
Lead-212	pCi/L	-/-	ND < 1.8	1.8	*
Lead-214	pCi/L	-/-	ND < 2.3	2.3	*
Manganese-54	pCi/L	-/-	ND < 1.1	1.1	*
Manganese-54	pCi/L	-/-	ND < 13.1	13.1	UJ (H)
Potassium-40	pCi/L	-/-	ND < 24	24	*
Potassium-40	pCi/L	-/-	ND < 350	350	UJ (H)
Radium-226	pCi/L	-/-	ND < 2.1	2.1	*
Radium-226	pCi/L	-/-	ND < 27.9	27.9	UJ (H)
Thallium-208	pCi/L	-/-	ND < 1.1	1.1	*
Thorium-228	pCi/L	-/-	ND < 4.2	4.2	*
Thorium-228	pCi/L	-/-	ND < 21.7	21.7	UJ (H)
Thorium-232	pCi/L	-/-	ND < 4.2	4.2	*
Thorium-232	pCi/L	-/-	ND < 59.2	59.2	UJ (H)

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

OUTFALL 003 (RMHF)

**FIRST QUARTER 2007 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2007

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/28/2007		
			RESULT	MDA	VALIDATION QUALIFIER
Uranium-234	pCi/L	-/-	ND < 280	280	*
Uranium-235	pCi/L	-/-	ND < 5.1	5.1	*
Uranium-238	pCi/L	-/-	ND < 160	160	*
Uranium-238	pCi/L	-/-	ND < 1520	1520	UJ (H)

OUTFALL 003 (RMHF)

FIRST QUARTER 2007 REPORTING SUMMARY THE BOEING COMPANY SANTA SUSANA FIELD LABORATORY NPDES PERMIT CA0001309

January 1 through March 31, 2007

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/19/2007		
			RESULT	MDA	VALIDATION QUALIFIER
RADIOACTIVITY					
Gross Alpha	pCi/L	15/-	-0.192 ± 0.44	0.70	UJ (R)
Gross Beta	pCi/L	50/-	24.3 ± 1.1	1.04	--
Strontium-90	pCi/L	8.0/-	-0.064 ± 0.30	0.74	U
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	-0.149 ± 0.437	1.29	U
Tritium	pCi/L	20000/-	-113 ± 92	159	U
GAMMA SPECTROSCOPY					
Actinium-228	pCi/L	-/-	ANR	ANR	ANR
Actinium-228	pCi/L	-/-	ANR	ANR	ANR
Americium-241	pCi/L	-/-	ANR	ANR	ANR
Mercurium-243	pCi/L	-/-	ANR	ANR	ANR
Bismuth-212	pCi/L	-/-	ANR	ANR	ANR
Bismuth-214	pCi/L	-/-	ANR	ANR	ANR
Cesium-134	pCi/L	-/-	ANR	ANR	ANR
Cesium-137	pCi/L	-/-	ANR	ANR	ANR
Cesium-137	pCi/L	-/-	ANR	ANR	ANR
Cobalt-58	pCi/L	-/-	ANR	ANR	ANR
Cobalt-58	pCi/L	-/-	ANR	ANR	ANR
Cobalt-60	pCi/L	-/-	ANR	ANR	ANR
Cobalt-60	pCi/L	-/-	ANR	ANR	ANR
Europium-152	pCi/L	-/-	ANR	ANR	ANR
Europium-152	pCi/L	-/-	ANR	ANR	ANR
Europium-154	pCi/L	-/-	ANR	ANR	ANR
Europium-154	pCi/L	-/-	ANR	ANR	ANR
Lead-210	pCi/L	-/-	ANR	ANR	ANR
Lead-212	pCi/L	-/-	ANR	ANR	ANR
Lead-214	pCi/L	-/-	ANR	ANR	ANR
Manganese-54	pCi/L	-/-	ANR	ANR	ANR
Manganese-54	pCi/L	-/-	ANR	ANR	ANR
Potassium-40	pCi/L	-/-	ANR	ANR	ANR
Potassium-40	pCi/L	-/-	ANR	ANR	ANR
Radium-226	pCi/L	-/-	ANR	ANR	ANR
Radium-226	pCi/L	-/-	ANR	ANR	ANR
Thallium-208	pCi/L	-/-	ANR	ANR	ANR
Thorium-228	pCi/L	-/-	ANR	ANR	ANR
Thorium-228	pCi/L	-/-	ANR	ANR	ANR
Thorium-232	pCi/L	-/-	ANR	ANR	ANR
Thorium-232	pCi/L	-/-	ANR	ANR	ANR

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

OUTFALL 003 (RMHF)

**FIRST QUARTER 2007 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2007

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/19/2007		
			RESULT	MDA	VALIDATION QUALIFIER
Uranium-234	pCi/L	-/-	ANR	ANR	ANR
Uranium-235	pCi/L	-/-	ANR	ANR	ANR
Uranium-238	pCi/L	-/-	ANR	ANR	ANR
Uranium-238	pCi/L	-/-	ANR	ANR	ANR

OUTFALL 006 (FSDF-2)

**FIRST QUARTER 2007 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2007

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/19/2007		
			RESULT	MDA	VALIDATION QUALIFIER
RADIOACTIVITY					
Gross Alpha	pCi/L	15/-	-0.901 ± 1.5	2.5	UJ (R)
Gross Beta	pCi/L	50/-	63.8 ± 2.8	2.2	--
Strontium-90	pCi/L	8.0/-	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	0.293 ±0.526	1.37	UJ (H)
Tritium	pCi/L	20000/-	ANR	ANR	ANR
GAMMA SPECTROSCOPY					
Actinium-228	pCi/L	-/-	ND < 4.2	4.2	*
Actinium-228	pCi/L	-/-	ND < 37.6	37.6	UJ (H)
Americium-241	pCi/L	-/-	ND < 1.9	1.9	*
Bismuth-212	pCi/L	-/-	ND < 24	24	*
Bismuth-212	pCi/L	-/-	ND < 62.4	62.4	UJ (H)
Bismuth-214	pCi/L	-/-	ND < 4.1	4.1	*
Bismuth-214	pCi/L	-/-	ND < 17.9	17.9	UJ (H)
Cesium-134	pCi/L	-/-	ND < 2.7	2.7	*
Cesium-137	pCi/L	-/-	ND < 1.8	1.8	*
Cesium-137	pCi/L	-/-	ND < 8.51	8.51	UJ (H)
Cobalt-58	pCi/L	-/-	ND < 3.4	3.4	*
Cobalt-60	pCi/L	-/-	ND < 1.9	1.9	*
Europium-152	pCi/L	-/-	ND < 5.1	5.1	*
Europium-154	pCi/L	-/-	ND < 5.4	5.4	*
Lead-210	pCi/L	-/-	ND < 100	100	*
Lead-210	pCi/L	-/-	ND < 1950	1950	UJ (H)
Lead-212	pCi/L	-/-	ND < 3.0	3.0	*
Lead-212	pCi/L	-/-	ND < 14.2	14.2	UJ (H)
Lead-214	pCi/L	-/-	ND < 3.8	3.8	*
Lead-214	pCi/L	-/-	ND < 16.4	16.4	UJ (H)
Manganese-54	pCi/L	-/-	ND < 1.9	1.9	*
Potassium-40	pCi/L	-/-	ND < 52	52	*
Potassium-40	pCi/L	-/-	ND < 168	168	UJ (H)
Radium-226	pCi/L	-/-	ND < 4.0	4.0	*
Radium-226	pCi/L	-/-	ND < 144	144	UJ (H)
Thallium-208	pCi/L	-/-	ND < 1.9	1.9	*
Thallium-208	pCi/L	-/-	ND < 9.24	9.24	UJ (H)
Thorium-228	pCi/L	-/-	ND < 8.0	8.0	*
Thorium-232	pCi/L	-/-	ND < 8.0	8.0	*
Thorium-234	pCi/L	-/-	ND < 258	258	UJ (H)
Uranium-234	pCi/L	-/-	ND < 390	390	*
Uranium-235	pCi/L	-/-	ND < 7.4	7.4	*
Uranium-235	pCi/L	-/-	ND < 52.1	52.1	UJ (H)
Uranium-238	pCi/L	-/-	ND < 270	270	*
Uranium-238	pCi/L	-/-	ND < 1070	1070	UJ (H)

OUTFALL 006 (FSDF-2)

**FIRST QUARTER 2007 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2007

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/27/2007		
			RESULT	MDA	VALIDATION QUALIFIER
RADIOACTIVITY					
Gross Alpha	pCi/L	15/-	ANR	ANR	ANR
Gross Beta	pCi/L	50/-	23.5 ± 2.2	2.0	J (H)
Strontium-90	pCi/L	8.0/-	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	ANR	ANR	ANR
Tritium	pCi/L	20000/-	ANR	ANR	ANR
GAMMA SPECTROSCOPY					
Actinium-228	pCi/L	-/-	ANR	ANR	ANR
Actinium-228	pCi/L	-/-	ANR	ANR	ANR
Americium-241	pCi/L	-/-	ANR	ANR	ANR
Bismuth-212	pCi/L	-/-	ANR	ANR	ANR
Bismuth-212	pCi/L	-/-	ANR	ANR	ANR
Bismuth-214	pCi/L	-/-	ANR	ANR	ANR
Bismuth-214	pCi/L	-/-	ANR	ANR	ANR
Cesium-134	pCi/L	-/-	ANR	ANR	ANR
Cesium-137	pCi/L	-/-	ANR	ANR	ANR
Cesium-137	pCi/L	-/-	ANR	ANR	ANR
Cobalt-58	pCi/L	-/-	ANR	ANR	ANR
Cobalt-60	pCi/L	-/-	ANR	ANR	ANR
Europium-152	pCi/L	-/-	ANR	ANR	ANR
Europium-154	pCi/L	-/-	ANR	ANR	ANR
Lead-210	pCi/L	-/-	ANR	ANR	ANR
Lead-210	pCi/L	-/-	ANR	ANR	ANR
Lead-212	pCi/L	-/-	ANR	ANR	ANR
Lead-212	pCi/L	-/-	ANR	ANR	ANR
Lead-214	pCi/L	-/-	ANR	ANR	ANR
Lead-214	pCi/L	-/-	ANR	ANR	ANR
Manganese-54	pCi/L	-/-	ANR	ANR	ANR
Potassium-40	pCi/L	-/-	ANR	ANR	ANR
Potassium-40	pCi/L	-/-	ANR	ANR	ANR
Radium-226	pCi/L	-/-	ANR	ANR	ANR
Radium-226	pCi/L	-/-	ANR	ANR	ANR
Thallium-208	pCi/L	-/-	ANR	ANR	ANR
Thallium-208	pCi/L	-/-	ANR	ANR	ANR
Thorium-228	pCi/L	-/-	ANR	ANR	ANR
Thorium-232	pCi/L	-/-	ANR	ANR	ANR
Thorium-234	pCi/L	-/-	ANR	ANR	ANR
Uranium-234	pCi/L	-/-	ANR	ANR	ANR
Uranium-235	pCi/L	-/-	ANR	ANR	ANR
Uranium-235	pCi/L	-/-	ANR	ANR	ANR
Uranium-238	pCi/L	-/-	ANR	ANR	ANR
Uranium-238	pCi/L	-/-	ANR	ANR	ANR

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2007 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2007

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/19/2007		
			RESULT	MDA	VALIDATION QUALIFIER
RADIOACTIVITY					
Gross Alpha	pCi/L	15/-	1.86 ± 0.73	0.87	J (R)
Gross Beta	pCi/L	50/-	3.33 ± 0.64	0.89	--
Strontium-90	pCi/L	8.0/-	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	ANR	ANR	ANR
Tritium	pCi/L	20000/-	ANR	ANR	ANR

OUTFALL 010 (Building 203)

**FIRST QUARTER 2007 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2007

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/19/2007		
			RESULT	MDA	VALIDATION QUALIFIER
RADIOACTIVITY					
Gross Alpha	pCi/L	15/-	0.236 ± 1.0	1.6	UJ (R)
Gross Beta	pCi/L	50/-	26.8 ± 1.6	1.5	--
Strontium-90	pCi/L	8.0/-	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	ANR	ANR	ANR
Tritium	pCi/L	20000/-	ANR	ANR	ANR

APPENDIX E

1st QUARTER 2007 SUMMARY OF PERMIT LIMIT EXCEEDENCES

**FIRST QUARTER 2007 REPORTING SUMMARY NOTES
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

Notes:

1. 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 1998 World Health Organization's (WHO) toxic equivalency factor (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.
2. For some sample dates, pH was determined with a field instrument to obtain a more representative result and was noted as such. These results were not validated.
3. The NPDES permit limits for mercury of 0.10 µg/L (Outfalls 001, 002, 011, and 018) and 0.13 µg/L (Outfalls 3-10) are not achievable by the laboratory; therefore, the laboratory reporting limit of 0.20 µg/L was used to determine compliance.
4. Data presented in the report tables are reported as quantified to the MDL (ND < MDL) and includes estimated detections (DNQ values) to provide low-level information and to give an indication of the sensitivity of the methods used. The laboratory-derived MDLs are designed to be reliable however, the data generation and validation procedures are designed to establish defensibility of quantified data to the RL. Data presented in the tables are accurate and reliable as qualified, but the final laboratory data reports and data validation reports must be used to determine legal defensibility. This does not affect compliance determination, since values below the RL are not used for compliance purposes.

Symbols and Abbreviations:

The following symbols and abbreviations may occur on report tables:

-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
*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%

**FIRST QUARTER 2007 REPORTING SUMMARY NOTES
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

*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	milliliters per liter
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	picocuries per liter
pg/L	picograms per liter

**FIRST QUARTER 2007 REPORTING SUMMARY NOTES
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

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	(as a 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 equivalency quotient
T	presumed contamination, as indicated by a detect in the trip blank
TU _c	toxicity units (chronic)
U	result not detected
ug/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

**FIRST QUARTER 2007
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 003	RMHF	28-Jan-07	Gross Beta	50/-	56.3 ±1.9	pCi/L	--
Outfall 003	RMHF	28-Jan-07	pH	6.5-8.5/-	9.6	pH Units	*
Outfall 003	RMHF	19-Feb-07	pH	6.5-8.5/-	9.0	pH Units	*
Outfall 006	FSDf-2	28-Jan-07	Chloride	150/-	210	mg/L	--
Outfall 006	FSDf-2	19-Feb-07	Gross Beta	50/-	63.8 ± 2.8	pCi/L	--
Outfall 009	WS-13 Drainage	19-Feb-07	TCDD TEQ_NoDNQ	2.80E-08/-	7.64E-07	ug/L	--

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

APPENDIX F

1st QUARTER 2007 REASONABLE POTENTIAL ANALYSIS (RPA)
SUMMARY TABLES

**FIRST QUARTER 2007 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 through the present reporting quarter.
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 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 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.

**FIRST QUARTER 2007 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 Dependent	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/UJ- The analyte was not detected in the sample at the detection limit /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.
<i>Step 1 identifies all applicable water quality criteria.</i>	
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

**FIRST QUARTER 2007 REASONABLE POTENTIAL ANALYSIS SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

	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.

Priority Pollutant RPA Column Explanation (Continued)

<i>Step 2 defines the applicable data set.</i>	
Is Effluent Data Available	If there is available monitoring data that is not qualified and above DL, then YES. If not, then NO.
<i>Step 3 determines the maximum observed effluent concentration.</i>	
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.
<i>Step 4 compares the MEC to the lowest applicable water quality criteria.</i>	
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	The Regional Board estimates the projected maximum receiving

**FIRST QUARTER 2007 REASONABLE POTENTIAL ANALYSIS SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

Receiving Water Concentration	water concentration as equal to the projected maximum effluent concentration.
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Nonpriority Pollutant RPA Column Explanation (Continued)

Step 1, Determine Water Quality Objectives	The water quality objective is based on appropriate Basin Plan criteria.
BU – Beneficial 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 Susana 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 003-010)**

**FIRST QUARTER 2007
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		C = Lowest Criteria	Is Effluent Data Available	Was Constituent Detected in Effluent Data		Are all Detection Limits > C
						Outfall	CTR	Constituent	Units		MEC				CV	
						CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH	Title 22 GWR						
3-7, 9,10	001	Antimony	ug/L	35	1.99	NONE	NONE	14	4300	6	6	Yes	Yes	NA	NA	Yes
3-7, 9,10	002	Arsenic	ug/L	27	0.60	340	150	NONE	NONE	50	50	Yes	Yes	NA	NA	No
3-7, 9,10	003	Beryllium	ug/L	All Data Qualified	0.60	NONE	NONE	Narrative	Narrative	4	4	No	No	No	NA	No
3-7, 9,10	004	Cadmium	ug/L	9.2	3.97		2.5	Narrative	Narrative	5	2.5	Yes	Yes	NA	NA	Yes
3-7, 9,10	005a	Chromium	ug/L	14	0.60		207.0	Narrative	Narrative	NONE	207.0	Yes	Yes	NA	NA	No
3-7, 9,10	005b	Chromium VI	ug/L	All Data Qualified	0.60	16.3	11.4	Narrative	Narrative	50	11.4	No	No	No	NA	No
3-7, 9,10	006	Copper	ug/L	39	0.98		9.3	1300	NONE	NONE	9.3	Yes	Yes	NA	NA	Yes
3-7, 9,10	007	Lead	ug/L	260	2.99		3.2	Narrative	Narrative	NONE	3.2	Yes	Yes	NA	NA	Yes
3-7, 9,10	008	Mercury	ug/L	0.89	1.70	Reserved	Reserved	0.05	0.051	2	0.1	Yes	Yes	NA	NA	Yes
3-7, 9,10	009	Nickel	ug/L	10	0.60		52.2	610	4600	100	52.2	Yes	Yes	NA	NA	No
3-7, 9,10	010	Selenium	ug/L	All Data Qualified	0.60	Reserved	5	Narrative	Narrative	50	5	No	No	No	NA	No
3-7, 9,10	011	Silver	ug/L	All Data Qualified	0.60		none	NONE	NONE	NONE	4.06	No	No	No	NA	No
3-7, 9,10	012	Thallium	ug/L	Available Data <DL	0.08	NONE	NONE	1.7	6.3	2	2	Yes	No	No	NA	No
3-7, 9,10	013	Zinc	ug/L	91	0.60		119.8	none	NONE	NONE	119.8	Yes	Yes	NA	NA	No
3-7, 9,10	014	Total Cyanide	ug/L	All Data Qualified	0.60	22	5.2	700	220000	200	5.2	No	No	No	NA	No
3-7, 9,10	015	Asbestos	Fibers/L	All Data Qualified	0.60	NONE	NONE	7000000	NONE	7x10^6	700000	No	No	No	NA	No
3-7, 9,10	016	TCDD TEQ_NoDNQ	ug/L	0.000909685	6.93	NONE	NONE	1.3e-008	1.4e-008	3x10^-5	1.40E-08	Yes	Yes	NA	NA	Yes
3-7, 9,10	017	Acrolein	ug/L	Available Data <DL	0.60	NONE	NONE	320	780	NONE	780	Yes	No	No	NA	No
3-7, 9,10	018	Acrylonitrile	ug/L	Available Data <DL	0.60	NONE	NONE	0.059	0.66	NONE	0.66	Yes	No	Yes	0.66	No
3-7, 9,10	019	Benzene	ug/L	Available Data <DL	0.60	NONE	NONE	1.2	71	1	1	Yes	No	No	NA	No
3-7, 9,10	020	Bromoform	ug/L	Available Data <DL	0.60	NONE	NONE	4.3	360	NONE	360	Yes	No	No	NA	No
3-7, 9,10	021	Carbon Tetrachloride	ug/L	Available Data <DL	0.60	NONE	NONE	0.25	4.4	600	4.4	Yes	No	No	NA	No
3-7, 9,10	022	Chlorobenzene	ug/L	Available Data <DL	0.60	NONE	NONE	680	21000	NONE	21000	Yes	No	No	NA	No
3-7, 9,10	023	Dibromochloromethane	ug/L	Available Data <DL	0.60	NONE	NONE	0.401	34	NONE	34	Yes	No	No	NA	No
3-7, 9,10	024	Chloroethane	ug/L	Available Data <DL	0.60	NONE	NONE	NONE	NONE	NONE	NONE	Yes	No	No	NA	No
3-7, 9,10	025	2-Chloroethylvinylether	ug/L	Available Data <DL	0.60	NONE	NONE	NONE	NONE	NONE	NONE	Yes	No	No	NA	No
3-7, 9,10	026	Chloroform	ug/L	Available Data <DL	0.60	NONE	NONE	Reserved	Reserved	NONE	NONE	Yes	No	No	NA	No

**Table F1
REASONABLE POTENTIAL ANALYSIS FOR PRIORITY POLLUTANTS, (OUTFALLS 003-010)**

**FIRST QUARTER 2007
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 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
Outfall	CTR	Constituent	Units	MEC	CV	Freshwater CMC = Acute	Human Health CCC = Chronic	HH W&O (Not App)	HH O = HH							
3-7, 9,10	027	Bromodichloromethane	ug/L	Available Data <DL	0.60	NONE	NONE	0.56	46	NONE	46	Yes	No	No	NA	No
3-7, 9,10	028	1,1-Dichloroethane	ug/L	Available Data <DL	0.60	NONE	NONE	NONE	NONE	5	5	Yes	No	No	NA	No
3-7, 9,10	029	1,2-Dichloroethane	ug/L	Available Data <DL	0.60	NONE	NONE	0.38	99	0.5	0.5	Yes	No	No	NA	No
3-7, 9,10	030	1,1-Dichloroethene	ug/L	Available Data <DL	0.60	NONE	NONE	0.057	3.2	6	3.2	Yes	No	No	NA	No
3-7, 9,10	031	1,2-Dichloropropane	ug/L	Available Data <DL	0.60	NONE	NONE	0.52	39	5	5	Yes	No	No	NA	No
3-7, 9,10	032	1,3-Dichloropropene (Total)	ug/L	All Data Qualified	0.60	NONE	NONE	10	1700	0.5	0.5	No	No	No	NA	No
3-7, 9,10	033	Ethylbenzene	ug/L	Available Data <DL	0.60	NONE	NONE	3100	29000	0.7	0.7	Yes	No	No	NA	No
3-7, 9,10	034	Bromomethane	ug/L	Available Data <DL	0.60	NONE	NONE	48	4000	NONE	4000	Yes	No	No	NA	No
3-7, 9,10	035	Chloromethane	ug/L	Available Data <DL	0.60	NONE	NONE	Narrative	Narrative	NONE	NONE	Yes	No	No	NA	No
3-7, 9,10	036	Methylene chloride	ug/L	Available Data <DL	0.60	NONE	NONE	4.7	1600	NONE	1600	Yes	No	No	NA	No
3-7, 9,10	037	1,1,1,2-Tetrachloroethane	ug/L	Available Data <DL	0.60	NONE	NONE	0.17	11	1	1	Yes	No	No	NA	No
3-7, 9,10	038	Tetrachloroethene	ug/L	Available Data <DL	0.60	NONE	NONE	0.8	8.85	5	5	Yes	No	No	NA	No
3-7, 9,10	039	Toluene	ug/L	Available Data <DL	0.60	NONE	NONE	6800	200000	150	150	Yes	No	No	NA	No
3-7, 9,10	040	trans-1,2-Dichloroethene	ug/L	Available Data <DL	0.60	NONE	NONE	700	140000	10	10	Yes	No	No	NA	No
3-7, 9,10	041	1,1,1-Trichloroethane	ug/L	Available Data <DL	0.60	NONE	NONE	Narrative	Narrative	200	200	Yes	No	No	NA	No
3-7, 9,10	042	1,1,2-trichloroethane	ug/L	Available Data <DL	0.60	NONE	NONE	0.6	42	5	5	Yes	No	No	NA	No
3-7, 9,10	043	Trichloroethene	ug/L	Available Data <DL	0.60	NONE	NONE	2.7	81	5	5	Yes	No	No	NA	No
3-7, 9,10	044	Vinyl chloride	ug/L	Available Data <DL	0.60	NONE	NONE	2	525	0.5	0.5	Yes	No	No	NA	No
3-7, 9,10	045	2-chlorophenol	ug/L	Available Data <DL	0.60	NONE	NONE	120	400	NONE	400	Yes	No	No	NA	No
3-7, 9,10	046	2,4-Dichlorophenol	ug/L	Available Data <DL	0.60	NONE	NONE	93	790	NONE	790	Yes	No	No	NA	No
3-7, 9,10	047	2,4-dimethylphenol	ug/L	Available Data <DL	0.60	NONE	NONE	540	2300	NONE	2300	Yes	No	No	NA	No
3-7, 9,10	048	2-Methyl-4,6-dinitrophenol	ug/L	Available Data <DL	0.60	NONE	NONE	13.4	765	NONE	765	Yes	No	No	NA	No

**Table F1
REASONABLE POTENTIAL ANALYSIS FOR PRIORITY POLLUTANTS, (OUTFALLS 003-010)**

**FIRST QUARTER 2007
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 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
Outfall	CTR	Constituent	Units	MEC	CV	Freshwater CMC = Acute	Human Health CCC = Chronic	HH W&O (Not App)	HH O = HH							
3-7, 9,10	049	2,4-dinitrophenol	ug/L	Available Data <DL	0.60	NONE	NONE	70	14000	NONE	14000	Yes	No	No	NA	No
3-7, 9,10	050	2-nitrophenol	ug/L	Available Data <DL	0.60	NONE	NONE	NONE	NONE	NONE	NONE	Yes	No	No	NA	No
3-7, 9,10	051	4-nitrophenol	ug/L	Available Data <DL	0.60	NONE	NONE	NONE	NONE	NONE	NONE	Yes	No	No	NA	No
3-7, 9,10	052	4-Chloro-3-methylphenol	ug/L	Available Data <DL	0.60	NONE	NONE	NONE	NONE	NONE	NONE	Yes	No	No	NA	No
3-7, 9,10	053	Pentachlorophenol	ug/L	Available Data <DL	0.60	pH dependent	pH dependent	0.28	8.2	1	1	Yes	No	Yes	1	No
3-7, 9,10	054	Phenol	ug/L	Available Data <DL	0.60	NONE	NONE	21000	4600000	NONE	4600000	Yes	No	No	NA	No
3-7, 9,10	055	2,4,6-Trichlorophenol	ug/L	Available Data <DL	0.60	NONE	NONE	2.1	6.5	NONE	6.5	Yes	No	No	NA	No
3-7, 9,10	056	Acenaphthene	ug/L	Available Data <DL	0.60	NONE	NONE	1200	2700	NONE	2700	Yes	No	No	NA	No
3-7, 9,10	057	Acenaphthylene	ug/L	Available Data <DL	0.60	NONE	NONE	NONE	NONE	NONE	NONE	Yes	No	No	NA	No
3-7, 9,10	058	Anthracene	ug/L	Available Data <DL	0.60	NONE	NONE	9600	110000	NONE	110000	Yes	No	No	NA	No
3-7, 9,10	059	Benzidine	ug/L	All Data Qualified	0.60	NONE	NONE	0.00012	0.00054	NONE	0.00054	No	No	No	NA	No
3-7, 9,10	060	Benzo(a)Anthracene	ug/L	Available Data <DL	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	Yes	No	Yes	0.049	No
3-7, 9,10	061	Benzo(a)Pyrene	ug/L	Available Data <DL	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	Yes	No	Yes	0.049	No
3-7, 9,10	062	Benzo(b)Fluoranthene	ug/L	Available Data <DL	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	Yes	No	Yes	0.049	No
3-7, 9,10	063	Benzo(g,h,i)Perylene	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No
3-7, 9,10	064	Benzo(k)Fluoranthene	ug/L	Available Data <DL	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	Yes	No	Yes	0.049	No
3-7, 9,10	065	Bis(2-Chloroethoxy) methane	ug/L	Available Data <DL	0.60	NONE	NONE	NONE	NONE	NONE	NONE	Yes	No	No	NA	No
3-7, 9,10	066	bis (2-Chloroethyl) ether	ug/L	Available Data <DL	0.60	NONE	NONE	0.031	1.4	NONE	1.4	Yes	No	Yes	1.4	No
3-7, 9,10	067	Bis(2-Chloroisopropyl) Ether	ug/L	Available Data <DL	0.60	NONE	NONE	1400	170000	NONE	170000	Yes	No	No	NA	No
3-7, 9,10	068	bis (2-ethylhexyl) Phthalate	ug/L	Available Data <DL	0.60	NONE	NONE	1.8	5.9	4	4	Yes	No	No	NA	No
3-7, 9,10	069	4-Bromophenylphenylether	ug/L	Available Data <DL	0.60	NONE	NONE	NONE	NONE	NONE	NONE	Yes	No	No	NA	No
3-7, 9,10	070	Butylbenzylphthalate	ug/L	Available Data <DL	0.60	NONE	NONE	3000	5200	NONE	5200	Yes	No	No	NA	No

**Table F1
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**FIRST QUARTER 2007
THE BOEING COMPANY
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NPDES PERMIT CA0001309**

						Step 1: Water Quality Criteria, Determine C					Step 2	Step 3			Step 4	
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Outfall	CTR	Constituent	Units	MEC	CV	Freshwater CMC = Acute	Human Health CCC = Chronic	HH W&O (Not App)	HH O = HH							
3-7, 9,10	071	2-Chloronaphthalene	ug/L	Available Data <DL	0.60	NONE	NONE	1700	4300	NONE	4300	Yes	No	No	NA	No
3-7, 9,10	072	4-Chlorophenylphenylether	ug/L	Available Data <DL	0.60	NONE	NONE	NONE	NONE	NONE	NONE	Yes	No	No	NA	No
3-7, 9,10	073	Chrysene	ug/L	Available Data <DL	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	Yes	No	Yes	0.049	No
3-7, 9,10	074	Dibenzo(a,h)Anthracene	ug/L	Available Data <DL	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	Yes	No	Yes	0.049	No
3-7, 9,10	075	1,2-Dichlorobenzene	ug/L	Available Data <DL	0.60	NONE	NONE	2700	17000	600	600	Yes	No	No	NA	No
3-7, 9,10	076	1,3-Dichlorobenzene	ug/L	Available Data <DL	0.60	NONE	NONE	400	2600	NONE	2600	Yes	No	No	NA	No
3-7, 9,10	077	1,4-Dichlorobenzene	ug/L	Available Data <DL	0.60	NONE	NONE	400	2600	5	5	Yes	No	No	NA	No
3-7, 9,10	078	3,3'-Dichlorobenzidine	ug/L	Available Data <DL	0.60	NONE	NONE	0.04	0.077	NONE	0.077	Yes	No	Yes	0.077	No
3-7, 9,10	079	Diethylphthalate	ug/L	Available Data <DL	0.60	NONE	NONE	23000	120000	NONE	120000	Yes	No	No	NA	No
3-7, 9,10	080	Dimethylphthalate	ug/L	Available Data <DL	0.60	NONE	NONE	313000	2900000	NONE	2900000	Yes	No	No	NA	No
3-7, 9,10	081	Di-n-butylphthalate	ug/L	Available Data <DL	0.60	NONE	NONE	2700	12000	NONE	12000	Yes	No	No	NA	No
3-7, 9,10	082	2,4-Dinitrotoluene	ug/L	Available Data <DL	0.60	NONE	NONE	0.11	9.1	NONE	9.1	Yes	No	No	NA	No
3-7, 9,10	083	2,6-Dinitrotoluene	ug/L	Available Data <DL	0.60	NONE	NONE	NONE	NONE	NONE	NONE	Yes	No	No	NA	No
3-7, 9,10	084	Di-n-octylphthalate	ug/L	Available Data <DL	0.60	NONE	NONE	NONE	NONE	NONE	NONE	Yes	No	No	NA	No
3-7, 9,10	085	1,2-Diphenylhydrazine	ug/L	All Data Qualified	0.60	NONE	NONE	0.04	0.54	NONE	0.54	No	No	No	NA	No
3-7, 9,10	086	Fluoranthene	ug/L	Available Data <DL	0.60	NONE	NONE	300	370	NONE	370	Yes	No	No	NA	No
3-7, 9,10	087	Fluorene	ug/L	Available Data <DL	0.60	NONE	NONE	1300	14000	NONE	14000	Yes	No	No	NA	No
3-7, 9,10	088	Hexachlorobenzene	ug/L	Available Data <DL	0.60	NONE	NONE	0.00075	0.00077	NONE	0.00077	Yes	No	Yes	0.00077	No
3-7, 9,10	089	Hexachlorobutadiene	ug/L	Available Data <DL	0.60	NONE	NONE	0.44	50	NONE	50	Yes	No	No	NA	No
3-7, 9,10	090	Hexachlorocyclopentadiene	ug/L	Available Data <DL	0.60	NONE	NONE	240	17000	NONE	17000	Yes	No	No	NA	No
3-7, 9,10	091	Hexachloroethane	ug/L	Available Data <DL	0.60	NONE	NONE	1.9	8.9	NONE	8.9	Yes	No	No	NA	No
3-7, 9,10	092	Indeno(1,2,3-cd)Pyrene	ug/L	Available Data <DL	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	Yes	No	Yes	0.049	No

**Table F1
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**FIRST QUARTER 2007
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NPDES PERMIT CA0001309**

						Step 1: Water Quality Criteria, Determine C					Step 2	Step 3			Step 4	
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Outfall	CTR	Constituent	Units	MEC	CV	Freshwater CMC = Acute	Human Health CCC = Chronic	HH W&O (Not App)	HH O = HH							
3-7, 9,10	093	Isophorone	ug/L	Available Data <DL	0.60	NONE	NONE	8.4	600	NONE	600	Yes	No	No	NA	No
3-7, 9,10	094	Naphthalene	ug/L	Available Data <DL	0.60	NONE	NONE	NONE	NONE	NONE	NONE	Yes	No	No	NA	No
3-7, 9,10	095	Nitrobenzene	ug/L	Available Data <DL	0.60	NONE	NONE	17	1900	NONE	1900	Yes	No	No	NA	No
3-7, 9,10	096	N-Nitrosodimethylamine	ug/L	Available Data <DL	0.60	NONE	NONE	0.00069	8.1	NONE	8.1	Yes	No	No	NA	No
3-7, 9,10	097	n-Nitroso-di-n-propylamine	ug/L	Available Data <DL	0.60	NONE	NONE	0.005	1.4	NONE	1.4	Yes	No	Yes	1.4	No
3-7, 9,10	098	N-Nitrosodiphenylamine	ug/L	Available Data <DL	0.60	NONE	NONE	5	16	NONE	16	Yes	No	No	NA	No
3-7, 9,10	099	Phenanthrene	ug/L	Available Data <DL	0.60	NONE	NONE	NONE	NONE	NONE	NONE	Yes	No	No	NA	No
3-7, 9,10	100	Pyrene	ug/L	Available Data <DL	0.60	NONE	NONE	960	11000	NONE	11000	Yes	No	No	NA	No
3-7, 9,10	101	1,2,4-Trichlorobenzene	ug/L	Available Data <DL	0.60	NONE	NONE	NONE	NONE	NONE	NONE	Yes	No	No	NA	No
3-7, 9,10	102	Aldrin	ug/L	All Data Qualified	0.60	3	NONE	0.00013	0.00014	NONE	0.00014	No	No	No	NA	No
3-7, 9,10	103	alpha-BHC	ug/L	Available Data <DL	0.60	NONE	NONE	0.0039	0.013	NONE	0.013	Yes	No	Yes	0.013	No
3-7, 9,10	104	beta-BHC	ug/L	Available Data <DL	0.60	NONE	NONE	0.014	0.046	NONE	0.046	Yes	No	No	NA	No
3-7, 9,10	105	Lindane (gamma-BHC)	ug/L	Available Data <DL	0.60	0.95	NONE	0.019	0.063	0.2	0.063	Yes	No	No	NA	No
3-7, 9,10	106	delta-BHC	ug/L	Available Data <DL	0.60	NONE	NONE	NONE	NONE	NONE	NONE	Yes	No	No	NA	No
3-7, 9,10	107	Chlordane	ug/L	Available Data <DL	0.60	2.4	0.0043	0.00057	0.00059	NONE	0.00059	Yes	No	Yes	0.00059	No
3-7, 9,10	108	4,4'-DDT	ug/L	All Data Qualified	0.60	1.1	0.001	0.00059	0.00059	NONE	0.00059	No	No	No	NA	No
3-7, 9,10	109	4,4'-DDE	ug/L	Available Data <DL	0.60	NONE	NONE	0.00059	0.00059	NONE	0.00059	Yes	No	Yes	0.00059	No
3-7, 9,10	110	4,4'-DDD	ug/L	Available Data <DL	0.60	NONE	NONE	0.00083	0.00084	NONE	0.00084	Yes	No	Yes	0.00084	No
3-7, 9,10	111	Dieldrin	ug/L	Available Data <DL	0.60	0.24	0.056	0.00014	0.00014	NONE	0.00014	Yes	No	Yes	0.00014	No
3-7, 9,10	112	Endosulfan I	ug/L	Available Data <DL	0.60	0.22	0.056	110	240	NONE	0.056	Yes	No	No	NA	No
3-7, 9,10	113	Endosulfan II	ug/L	Available Data <DL	0.60	0.22	0.056	110	240	NONE	0.056	Yes	No	No	NA	No
3-7, 9,10	114	Endosulfan Sulfate	ug/L	Available Data <DL	0.60	NONE	NONE	110	240	NONE	240	Yes	No	No	NA	No

**Table F1
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Outfall	CTR	Constituent	Units	MEC	CV	Freshwater CMC = Acute	Human Health CCC = Chronic	HH W&O (Not App)	HH O = HH							
3-7, 9,10	115	Endrin	ug/L	Available Data <DL	0.60	0.086	0.036	0.76	0.81	NONE	0.036	Yes	No	No	NA	No
3-7, 9,10	116	Endrin Aldehyde	ug/L	Available Data <DL	0.60	NONE	NONE	0.76	0.81	NONE	0.81	Yes	No	No	NA	No
3-7, 9,10	117	Heptachlor	ug/L	Available Data <DL	0.60	0.52	0.0038	0.00021	0.00021	NONE	0.00021	Yes	No	Yes	0.00021	No
3-7, 9,10	118	Heptachlor Epoxide	ug/L	Available Data <DL	0.60	0.52	0.0038	0.0001	0.00011	NONE	0.00011	Yes	No	Yes	0.00011	No
3-7, 9,10	119	Aroclor-1016	ug/L	Available Data <DL	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	Yes	No	Yes	0.00017	No
3-7, 9,10	120	Aroclor-1221	ug/L	Available Data <DL	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	Yes	No	Yes	0.00017	No
3-7, 9,10	121	Aroclor-1232	ug/L	Available Data <DL	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	Yes	No	Yes	0.00017	No
3-7, 9,10	122	Aroclor-1242	ug/L	Available Data <DL	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	Yes	No	Yes	0.00017	No
3-7, 9,10	123	Aroclor-1248	ug/L	Available Data <DL	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	Yes	No	Yes	0.00017	No
3-7, 9,10	124	Aroclor-1254	ug/L	Available Data <DL	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	Yes	No	Yes	0.00017	No
3-7, 9,10	125	Aroclor-1260	ug/L	Available Data <DL	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	Yes	No	Yes	0.00017	No
3-7, 9,10	126	Toxaphene	ug/L	Available Data <DL	0.60	0.73	0.0002	0.0073	0.00075	NONE	0.0002	Yes	No	Yes	0.0002	No
8	001	Antimony	ug/L	All Data Qualified	0.60	NONE	NONE	14	4300	6	6	No	No	No	NA	No
8	002	Arsenic	ug/L	All Data Qualified	0.60	340	150	NONE	NONE	50	50	No	No	No	NA	No
8	003	Beryllium	ug/L	All Data Qualified	0.60	NONE	NONE	Narrative	Narrative	4	4	No	No	No	NA	No
8	004	Cadmium	ug/L	1.5	0.60		2.5	Narrative	Narrative	5	2.5	Yes	Yes	NA	NA	No
8	005a	Chromium	ug/L	9.5	0.60		207.0	Narrative	Narrative	NONE	207.0	Yes	Yes	NA	NA	No
8	005b	Chromium VI	ug/L	All Data Qualified	0.60	16.29	11.4	Narrative	Narrative	50	11.4	No	No	No	NA	No
8	006	Copper	ug/L	15	0.57		9.3	1300	NONE	NONE	9.3	Yes	Yes	NA	NA	Yes
8	007	Lead	ug/L	120	1.95		3.2	Narrative	Narrative	NONE	3.2	Yes	Yes	NA	NA	Yes
8	008	Mercury	ug/L	Available Data <DL	0.60	Reserved	Reserved	0.05	0.051	2	0.051	Yes	No	No	NA	No
8	009	Nickel	ug/L	All Data Qualified	0.60		52.2	610	4600	100	52.2	No	No	No	NA	No
8	010	Selenium	ug/L	All Data Qualified	0.60	Reserved	5	Narrative	Narrative	50	5	No	No	No	NA	No
8	011	Silver	ug/L	All Data Qualified	0.60		none	NONE	NONE	NONE	4.06	No	No	No	NA	No

**Table F1
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8	012	Thallium	ug/L	Available Data <DL	0.60	NONE	NONE	1.7	6.3	2	2	Yes	No	No	NA	No
8	013	Zinc	ug/L	40	0.60		119.8	none	NONE	NONE	119.8	Yes	Yes	NA	NA	No
8	014	Total Cyanide	ug/L	All Data Qualified	0.60	22	5.2	700	220000	200	5.2	No	No	No	NA	No
8	015	Asbestos	Fibers/L	All Data Qualified	0.60	NONE	NONE	7000000	NONE	7x10^6	700000	No	No	No	NA	No
8	016	TCDD TEQ_NoDNQ	ug/L	3.19E-07	1.48	NONE	NONE	1.3e-008	1.4e-008	3x10^-5	1.40E-08	Yes	Yes	NA	NA	Yes
8	017	Acrolein	ug/L	All Data Qualified	0.60	NONE	NONE	320	780	NONE	780	No	No	No	NA	No
8	018	Acrylonitrile	ug/L	All Data Qualified	0.60	NONE	NONE	0.059	0.66	NONE	0.66	No	No	No	NA	No
8	019	Benzene	ug/L	All Data Qualified	0.60	NONE	NONE	1.2	71	1	1	No	No	No	NA	No
8	020	Bromoform	ug/L	All Data Qualified	0.60	NONE	NONE	4.3	360	NONE	360	No	No	No	NA	No
8	021	Carbon Tetrachloride	ug/L	All Data Qualified	0.60	NONE	NONE	0.25	4.4	600	4.4	No	No	No	NA	No
8	022	Chlorobenzene	ug/L	All Data Qualified	0.60	NONE	NONE	680	21000	NONE	21000	No	No	No	NA	No
8	023	Dibromochloromethane	ug/L	All Data Qualified	0.60	NONE	NONE	0.401	34	NONE	34	No	No	No	NA	No
8	024	Chloroethane	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No
8	025	2-Chloroethylvinylether	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No
8	026	Chloroform	ug/L	All Data Qualified	0.6	NONE	NONE	Reserved	Reserved	NONE	NONE	No	No	No	NA	No
8	027	Bromodichloromethane	ug/L	All Data Qualified	0.60	NONE	NONE	0.56	46	NONE	46	No	No	No	NA	No
8	028	1,1-Dichloroethane	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	5	5	No	No	No	NA	No
8	029	1,2-Dichloroethane	ug/L	All Data Qualified	0.60	NONE	NONE	0.38	99	0.5	0.5	No	No	No	NA	No
8	030	1,1-Dichloroethene	ug/L	All Data Qualified	0.60	NONE	NONE	0.057	3.2	6	3.2	No	No	No	NA	No
8	031	1,2-Dichloropropane	ug/L	All Data Qualified	0.60	NONE	NONE	0.52	39	5	5	No	No	No	NA	No
8	032	1,3-Dichloropropene (Total)	ug/L	All Data Qualified	0.60	NONE	NONE	10	1700	0.5	0.5	No	No	No	NA	No
8	033	Ethylbenzene	ug/L	All Data Qualified	0.60	NONE	NONE	3100	29000	0.7	0.7	No	No	No	NA	No
8	034	Bromomethane	ug/L	All Data Qualified	0.60	NONE	NONE	48	4000	NONE	4000	No	No	No	NA	No

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Outfall	CTR	Constituent	Units	MEC	CV	Freshwater CMC = Acute	Human Health CCC = Chronic	HH W&O (Not App)	HH O = HH							
8	035	Chloromethane	ug/L	All Data Qualified	0.60	NONE	NONE	Narrative	Narrative	NONE	NONE	No	No	No	NA	No
8	036	Methylene chloride	ug/L	All Data Qualified	0.60	NONE	NONE	4.7	1600	NONE	1600	No	No	No	NA	No
8	037	1,1,2,2-Tetrachloroethane	ug/L	All Data Qualified	0.60	NONE	NONE	0.17	11	1	1	No	No	No	NA	No
8	038	Tetrachloroethene	ug/L	All Data Qualified	0.60	NONE	NONE	0.8	8.85	5	5	No	No	No	NA	No
8	039	Toluene	ug/L	All Data Qualified	0.60	NONE	NONE	6800	200000	150	150	No	No	No	NA	No
8	040	trans-1,2-Dichloroethene	ug/L	All Data Qualified	0.60	NONE	NONE	700	140000	10	10	No	No	No	NA	No
8	041	1,1,1-Trichloroethane	ug/L	All Data Qualified	0.60	NONE	NONE	Narrative	Narrative	200	200	No	No	No	NA	No
8	042	1,1,2-trichloroethane	ug/L	All Data Qualified	0.60	NONE	NONE	0.6	42	5	5	No	No	No	NA	No
8	043	Trichloroethene	ug/L	All Data Qualified	0.60	NONE	NONE	2.7	81	5	5	No	No	No	NA	No
8	044	Vinyl chloride	ug/L	All Data Qualified	0.60	NONE	NONE	2	525	0.5	0.5	No	No	No	NA	No
8	045	2-chlorophenol	ug/L	All Data Qualified	0.60	NONE	NONE	120	400	NONE	400	No	No	No	NA	No
8	046	2,4-Dichlorophenol	ug/L	All Data Qualified	0.60	NONE	NONE	93	790	NONE	790	No	No	No	NA	No
8	047	2,4-dimethylphenol	ug/L	All Data Qualified	0.60	NONE	NONE	540	2300	NONE	2300	No	No	No	NA	No
8	048	2-Methyl-4,6-dinitrophenol	ug/L	All Data Qualified	0.60	NONE	NONE	13.4	765	NONE	765	No	No	No	NA	No
8	049	2,4-dinitrophenol	ug/L	All Data Qualified	0.60	NONE	NONE	70	14000	NONE	14000	No	No	No	NA	No
8	050	2-nitrophenol	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No
8	051	4-nitrophenol	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No
8	052	4-Chloro-3-methylphenol	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No
8	053	Pentachlorophenol	ug/L	All Data Qualified	0.60	pH dependent	pH dependent	0.28	8.2	1	1	No	No	No	NA	No
8	054	Phenol	ug/L	All Data Qualified	0.60	NONE	NONE	21000	4600000	NONE	4600000	No	No	No	NA	No
8	055	2,4,6-Trichlorophenol	ug/L	All Data Qualified	0.60	NONE	NONE	2.1	6.5	NONE	6.5	No	No	No	NA	No
8	056	Acenaphthene	ug/L	All Data Qualified	0.60	NONE	NONE	1200	2700	NONE	2700	No	No	No	NA	No

**Table F1
REASONABLE POTENTIAL ANALYSIS FOR PRIORITY POLLUTANTS, (OUTFALLS 003-010)**

**FIRST QUARTER 2007
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 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
Outfall	CTR	Constituent	Units	MEC	CV	Freshwater		Human Health								
						CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH							
8	057	Acenaphthylene	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No
8	058	Anthracene	ug/L	All Data Qualified	0.60	NONE	NONE	9600	110000	NONE	110000	No	No	No	NA	No
8	059	Benzidine	ug/L	All Data Qualified	0.60	NONE	NONE	0.00012	0.00054	NONE	0.00054	No	No	No	NA	No
8	060	Benzo(a)Anthracene	ug/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	No	No	No	NA	No
8	061	Benzo(a)Pyrene	ug/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	No	No	No	NA	No
8	062	Benzo(b)Fluoranthene	ug/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	No	No	No	NA	No
8	063	Benzo(g,h,i)Perylene	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No
8	064	Benzo(k)Fluoranthene	ug/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	No	No	No	NA	No
8	065	Bis(2-Chloroethoxy) methane	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No
8	066	bis (2-Chloroethyl) ether	ug/L	All Data Qualified	0.60	NONE	NONE	0.031	1.4	NONE	1.4	No	No	No	NA	No
8	067	Bis(2-Chloroisopropyl) Ether	ug/L	All Data Qualified	0.60	NONE	NONE	1400	170000	NONE	170000	No	No	No	NA	No
8	068	bis (2-ethylhexyl) Phthalate	ug/L	All Data Qualified	0.60	NONE	NONE	1.8	5.9	4	4	No	No	No	NA	No
8	069	4-Bromophenylphenylether	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No
8	070	Butylbenzylphthalate	ug/L	All Data Qualified	0.60	NONE	NONE	3000	5200	NONE	5200	No	No	No	NA	No
8	071	2-Chloronaphthalene	ug/L	All Data Qualified	0.60	NONE	NONE	1700	4300	NONE	4300	No	No	No	NA	No
8	072	4-Chlorophenylphenylether	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No
8	073	Chrysene	ug/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	No	No	No	NA	No
8	074	Dibenzo(a,h)Anthracene	ug/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	No	No	No	NA	No
8	075	1,2-Dichlorobenzene	ug/L	All Data Qualified	0.60	NONE	NONE	2700	17000	600	600	No	No	No	NA	No
8	076	1,3-Dichlorobenzene	ug/L	All Data Qualified	0.60	NONE	NONE	400	2600	NONE	2600	No	No	No	NA	No
8	077	1,4-Dichlorobenzene	ug/L	All Data Qualified	0.60	NONE	NONE	400	2600	5	5	No	No	No	NA	No
8	078	3,3'-Dichlorobenzidine	ug/L	All Data Qualified	0.60	NONE	NONE	0.04	0.077	NONE	0.077	No	No	No	NA	No

**Table F1
REASONABLE POTENTIAL ANALYSIS FOR PRIORITY POLLUTANTS, (OUTFALLS 003-010)**

**FIRST QUARTER 2007
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 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
Outfall	CTR	Constituent	Units	MEC	CV	Freshwater		Human Health								
						CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH							
8	079	Diethylphthalate	ug/L	All Data Qualified	0.60	NONE	NONE	23000	120000	NONE	120000	No	No	No	NA	No
8	080	Dimethylphthalate	ug/L	All Data Qualified	0.60	NONE	NONE	313000	2900000	NONE	2900000	No	No	No	NA	No
8	081	Di-n-butylphthalate	ug/L	All Data Qualified	0.60	NONE	NONE	2700	12000	NONE	12000	No	No	No	NA	No
8	082	2,4-Dinitrotoluene	ug/L	All Data Qualified	0.60	NONE	NONE	0.11	9.1	NONE	9.1	No	No	No	NA	No
8	083	2,6-Dinitrotoluene	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No
8	084	Di-n-octylphthalate	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No
8	085	1,2-Diphenylhydrazine	ug/L	All Data Qualified	0.60	NONE	NONE	0.04	0.54	NONE	0.54	No	No	No	NA	No
8	086	Fluoranthene	ug/L	All Data Qualified	0.60	NONE	NONE	300	370	NONE	370	No	No	No	NA	No
8	087	Fluorene	ug/L	All Data Qualified	0.60	NONE	NONE	1300	14000	NONE	14000	No	No	No	NA	No
8	088	Hexachlorobenzene	ug/L	All Data Qualified	0.60	NONE	NONE	0.00075	0.00077	NONE	0.00077	No	No	No	NA	No
8	089	Hexachlorobutadiene	ug/L	All Data Qualified	0.60	NONE	NONE	0.44	50	NONE	50	No	No	No	NA	No
8	090	Hexachlorocyclopentadiene	ug/L	All Data Qualified	0.60	NONE	NONE	240	17000	NONE	17000	No	No	No	NA	No
8	091	Hexachloroethane	ug/L	All Data Qualified	0.60	NONE	NONE	1.9	8.9	NONE	8.9	No	No	No	NA	No
8	092	Indeno(1,2,3-cd)Pyrene	ug/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	No	No	No	NA	No
8	093	Isophorone	ug/L	All Data Qualified	0.60	NONE	NONE	8.4	600	NONE	600	No	No	No	NA	No
8	094	Naphthalene	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No
8	095	Nitrobenzene	ug/L	All Data Qualified	0.60	NONE	NONE	17	1900	NONE	1900	No	No	No	NA	No
8	096	N-Nitrosodimethylamine	ug/L	All Data Qualified	0.60	NONE	NONE	0.00069	8.1	NONE	8.1	No	No	No	NA	No
8	097	n-Nitroso-di-n-propylamine	ug/L	All Data Qualified	0.60	NONE	NONE	0.005	1.4	NONE	1.4	No	No	No	NA	No
8	098	N-Nitrosodiphenylamine	ug/L	All Data Qualified	0.60	NONE	NONE	5	16	NONE	16	No	No	No	NA	No
8	099	Phenanthrene	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No
8	100	Pyrene	ug/L	All Data Qualified	0.60	NONE	NONE	960	11000	NONE	11000	No	No	No	NA	No

**Table F1
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**FIRST QUARTER 2007
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NPDES PERMIT CA0001309**

						Step 1: Water Quality Criteria, Determine C					Step 2	Step 3			Step 4	
						CTR CRITERIA				Basin Plan 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
Outfall	CTR	Constituent	Units	MEC	CV	Freshwater CMC = Acute	Human Health CCC = Chronic	HH W&O (Not App)	HH O = HH							
8	101	1,2,4-Trichlorobenzene	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No
8	102	Aldrin	ug/L	All Data Qualified	0.60	3	NONE	0.00013	0.00014	NONE	0.00014	No	No	No	NA	No
8	103	alpha-BHC	ug/L	All Data Qualified	0.60	NONE	NONE	0.0039	0.013	NONE	0.013	No	No	No	NA	No
8	104	beta-BHC	ug/L	All Data Qualified	0.60	NONE	NONE	0.014	0.046	NONE	0.046	No	No	No	NA	No
8	105	Lindane (gamma-BHC)	ug/L	All Data Qualified	0.60	0.95	NONE	0.019	0.063	0.2	0.063	No	No	No	NA	No
8	106	delta-BHC	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No
8	107	Chlordane	ug/L	All Data Qualified	0.60	2.4	0.0043	0.00057	0.00059	NONE	0.00059	No	No	No	NA	No
8	108	4,4'-DDT	ug/L	All Data Qualified	0.60	1.1	0.001	0.00059	0.00059	NONE	0.00059	No	No	No	NA	No
8	109	4,4'-DDE	ug/L	All Data Qualified	0.60	NONE	NONE	0.00059	0.00059	NONE	0.00059	No	No	No	NA	No
8	110	4,4'-DDD	ug/L	All Data Qualified	0.60	NONE	NONE	0.00083	0.00084	NONE	0.00084	No	No	No	NA	No
8	111	Dieldrin	ug/L	All Data Qualified	0.60	0.24	0.056	0.00014	0.00014	NONE	0.00014	No	No	No	NA	No
8	112	Endosulfan I	ug/L	All Data Qualified	0.60	0.22	0.056	110	240	NONE	0.056	No	No	No	NA	No
8	113	Endosulfan II	ug/L	All Data Qualified	0.60	0.22	0.056	110	240	NONE	0.056	No	No	No	NA	No
8	114	Endosulfan Sulfate	ug/L	All Data Qualified	0.60	NONE	NONE	110	240	NONE	240	No	No	No	NA	No
8	115	Endrin	ug/L	All Data Qualified	0.60	0.086	0.036	0.76	0.81	NONE	0.036	No	No	No	NA	No
8	116	Endrin Aldehyde	ug/L	All Data Qualified	0.60	NONE	NONE	0.76	0.81	NONE	0.81	No	No	No	NA	No
8	117	Heptachlor	ug/L	All Data Qualified	0.60	0.52	0.0038	0.00021	0.00021	NONE	0.00021	No	No	No	NA	No
8	118	Heptachlor Epoxide	ug/L	All Data Qualified	0.60	0.52	0.0038	0.0001	0.00011	NONE	0.00011	No	No	No	NA	No
8	119	Aroclor-1016	ug/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	No	No	No	NA	No
8	120	Aroclor-1221	ug/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	No	No	No	NA	No
8	121	Aroclor-1232	ug/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	No	No	No	NA	No
8	122	Aroclor-1242	ug/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	No	No	No	NA	No

**Table F1
REASONABLE POTENTIAL ANALYSIS FOR PRIORITY POLLUTANTS, (OUTFALLS 003-010)**

**FIRST QUARTER 2007
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						Step 1: Water Quality Criteria, Determine C					Step 2	Step 3			Step 4	
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Outfall	CTR	Constituent	Units	MEC	CV	Freshwater		Human Health								
						CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH							
8	123	Aroclor-1248	ug/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	No	No	No	NA	No
8	124	Aroclor-1254	ug/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	No	No	No	NA	No
8	125	Aroclor-1260	ug/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	No	No	No	NA	No
8	126	Toxaphene	ug/L	All Data Qualified	0.60	0.73	0.0002	0.0073	0.00075	NONE	0.0002	No	No	No	NA	No

**Table F2
REASONABLE POTENTIAL ANALYSIS FOR NONPRIORITY POLLUTANTS, (OUTFALLS 003-010)**

**FIRST QUARTER 2007
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

Outfall	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
3-7, 9,10	Boron	Annual	mg/L	6	0.21	0.6	3.82	0.80	0	0	0.80	1	BU
3-7, 9,10	Chloride	Discharge	mg/L	150	210	1.6	1.65	347.23	0	0	347.23	150	BU
3-7, 9,10	Fluoride	Annual	mg/L	0	All Data Qualified	0.6	All Data Qualified	All Qualified Data	0	0	NA	1.6	BU
3-7, 9,10	Nitrate + Nitrite as Nitrogen (N)	Discharge	mg/L	145	51	2.6	1.93	98.66	0	0	98.66	8	BU/TMDL
3-7, 9,10	Oil & Grease	Discharge	mg/L	89	16	2.4	2.58	41.35	0	0	41.35	10	BU
3-7, 9,10	Sulfate	Discharge	mg/L	150	240	1.6	1.65	395.58	0	0	395.58	300	BU
3-7, 9,10	Total Dissolved Solids	Discharge	mg/L	152	980	0.9	1.40	1376.20	0	0	1376.20	150	BU
3-7, 9,10	Total Suspended Solids	Annual	mg/L	97	4000	3.7	2.88	11506.10	0	0	11506.10	45	BU
8	Boron	Annual	mg/L	1	0.051	0.60	13.20	0.67	0	0	0.67	1	BU
8	Chloride	Discharge	mg/L	16	25	0.65	2.66	66.55	0	0	66.55	150	BU
8	Fluoride	Annual	mg/L	0	All Data Qualified	0.60	All Data Qualified	All Qualified Data	0	0	NA	1.6	BU
8	Nitrate + Nitrite as Nitrogen (N)	Discharge	mg/L	16	7.7	0.73	2.95	22.72	0	0	22.72	8	BU/TMDL
8	Oil & Grease	Discharge	mg/L	13	12	2.37	11.82	141.88	0	0	141.88	10	BU
8	Sulfate	Discharge	mg/L	16	21	0.58	2.42	50.90	0	0	50.90	300	BU
8	Total Dissolved Solids	Discharge	mg/L	16	290	0.33	1.71	495.65	0	0	495.65	150	BU
8	Total Suspended Solids	Annual	mg/L	10	1300	1.53	8.89	11554.79	0	0	11554.79	45	BU