

**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
  - Existing Building or Structure

- 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



TABLE B-1 (Page 1 of 3)  
DAILY RAINFALL SUMMARY

THE BOEING COMPANY-ROCKETDYNE  
NPDES PERMIT NUMBER  
CA0001309

Station: AREA4  
Parameter: Rain  
Month/Year: January 2005  
JANUARY 2005

Day	HOUR OF 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2	0	0	0	0	0	0	0	0	0	0	0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.07	
3	0.21	0.26	0.22	0.22	0.10	0.38	0.24	0.33	0.11	0.04	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	0	0	0	0	0	0.03	0.08	0.16	0.42	0.14	0.19	0.23	0.15	0.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	0	0	0	0	0	0	0	0	0	0	0	0	0.06	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
9	0.07	0.08	0.05	0.10	0.21	0.26	0.10	0	0.43	0.20	0.29	0.06	0.03	0.12	0.19	0.42	0.04	0	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02		
10	0.08	0.01	0.04	0.01	0.05	0.07	0.10	0.18	0.01	0.11	0.05	0.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.12	
11	0	0.03	0.03	0	0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0.06	0.16	0.02	0.01	0.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TABLE B-1 (Page 2 of 3)  
DAILY RAINFALL SUMMARY

THE BOEING COMPANY-ROCKETDYNE  
NPDES PERMIT NUMBER  
CA0001309

FEBRUARY 2005

Station: AREA4  
Parameter: Rain  
Month/Year: February 2005

Day	HOUR OF 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11	0.01	0	0.04	0	0	0.26	0	0	0.09	0.10	0.05	0.01	0	0.04	0	0.03	0.07	0.02	0.01	0.02	0	0.02	0	0.04	0.02			
12	0.01	0	0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
18	0	0	0	0.02	0	0.01	0.08	0	0.08	0.12	0.32	0.16	0.05	0.07	0.31	0.10	0	0.02	0	0	0	0	0	0	0	0		
19	0	0.04	0.04	0.03	0	0.04	0	0.06	0.05	0	0.08	0	0.01	0.01	0	0	0	0	0	0	0	0	0	0	0	0		
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
21	0.15	0.11	0.06	0.09	0.13	0.08	0.19	0.32	0.17	0.08	0	0	0	0	0	0	0	0	0	0.16	0.42	0.28	0.23	0.06	0.06			
22	0	0.15	0	0	0.06	0	0	0.01	0.01	0.01	0.01	0.02	0.15	0.09	0.23	0.02	0	0.02	0	0.02	0	0.12	0	0.14	0.02			
23	0	0	0	0	0	0.01	0	0	0	0	0	0	0	0	0	0	0	0	0.02	0	0	0	0	0	0	0		
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

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TABLE B-1 (Page 3 of 3)  
DAILY RAINFALL SUMMARY

THE BOEING COMPANY-ROCKETDYNE  
NPDES PERMIT NUMBER  
CA0001309

MARCH 2005

Station: AREA4  
Parameter: Rain  
Month/Year: March 2005

Day	HOUR OF 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0.03	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0.01	0	0.01	0	0	0	0	0	0	0	0	0	0.01	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0.03	0.06	0.25	0.29	0.05	0	0.23	0.01	0.01	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0.03	0	0.01	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TABLE C-1  
 THE BOEING COMPANY - ROCKETDYNE  
 NPDES PERMIT CA0001309  
 LIQUID WASTE SHIPMENTS  
 JANUARY 2005

DATE SHIPPED	TYPE OF LIQUID	QTY	UNITS	TRANSPORTER	DESTINATION
1/3/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/3/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/4/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/4/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
1/4/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/4/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
1/4/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/5/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/5/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/5/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
1/5/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/5/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/5/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/6/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/6/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/6/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/6/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus



TABLE C-1  
 THE BOEING COMPANY - ROCKETDYNE  
 NPDES PERMIT CA0001309  
 LIQUID WASTE SHIPMENTS  
 JANUARY 2005

DATE SHIPPED	TYPE OF LIQUID WASTE	QTY	UNITS	SHIPPER'S NAME	SHIPPER'S ADDRESS	CITY	STATE	ZIP
1/7/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD. LOS ANGELES, CA.	5000	CAL.	LACSD Saugus
1/7/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD. LOS ANGELES, CA.	5000	CAL.	LACSD Pomona
1/7/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD. LOS ANGELES, CA.	5000	CAL.	LACSD Saugus
1/7/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD. LOS ANGELES, CA.	5000	CAL.	LACSD Saugus
1/8/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD. LOS ANGELES, CA.	5000	CAL.	LACSD Carson
1/8/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD. LOS ANGELES, CA.	5000	CAL.	LACSD Saugus
1/8/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD. LOS ANGELES, CA.	5000	CAL.	LACSD Saugus
1/8/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD. LOS ANGELES, CA.	5000	CAL.	LACSD Saugus
1/8/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD. LOS ANGELES, CA.	5000	CAL.	LACSD Saugus
1/8/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD. LOS ANGELES, CA.	5000	CAL.	LACSD Saugus
1/9/2005	Waste Labpac Flrm Liq, Toxic	97	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	1704 W. FIRST ST. AZUSA, CA. 91702	97	LBS.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
	Waste Labpac Ox Liq, Corr	73	LBS.			73	LBS.	
	Waste Labpac Corr Liq, Acid, Org	6	LBS.			6	LBS.	
	Waste Losepac Non-HCRA Liquid	106	LBS.			106	LBS.	
1/10/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD. LOS ANGELES, CA.	5000	CAL.	LACSD Saugus
1/10/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD. LOS ANGELES, CA.	5000	CAL.	LACSD Saugus
1/10/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD. LOS ANGELES, CA.	5000	CAL.	LACSD Saugus
1/10/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD. LOS ANGELES, CA.	5000	CAL.	LACSD Saugus
1/11/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD. LOS ANGELES, CA.	5000	CAL.	LACSD Saugus
1/11/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD. LOS ANGELES, CA.	5000	CAL.	LACSD Carson
1/11/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD. LOS ANGELES, CA.	5000	CAL.	LACSD Saugus
1/11/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD. LOS ANGELES, CA.	5000	CAL.	LACSD Saugus

TABLE C-1  
 THE BOEING COMPANY - ROCKETDYNE  
 NPDES PERMIT CA0001309  
 LIQUID WASTE SHIPMENTS  
 JANUARY 2005

DATE SHIPPED	TYPE OF LIQUID	QTY	UNITS	TO WHOM SHIPPED	PERMIT NO.
1/11/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/12/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/12/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/12/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/12/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/12/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/12/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/12/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/12/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/12/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/13/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/13/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/13/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/13/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/13/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/14/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/14/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/14/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/14/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus



TABLE C-1  
 THE BOEING COMPANY - ROCKETDYNE  
 NPDES PERMIT CA0001309  
 LIQUID WASTE SHIPMENTS  
 JANUARY 2005

DATE SHIPPED	TITLE OF LIQUID	QTY	LIMITS	TRANSPORTER	PERMITTING AGENCY
1/14/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/14/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
1/14/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/14/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/15/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/15/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/15/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/15/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/15/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/15/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/15/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/15/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/17/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/17/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/17/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/17/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/17/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/17/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/17/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/17/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/17/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/17/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/18/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	LACSD Saugus

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 THE BOEING COMPANY - ROCKETDYNE  
 NPDES PERMIT CA0001309  
 LIQUID WASTE SHIPMENTS  
 JANUARY 2005

DATE SHIPPED	TYPE OF WASTE	QTY.	UNITS	SHIPPER	ADDRESS
1/18/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD. LOS ANGELES, CA.
1/19/2005	WASTE WATER FROM APTF	5000	GAL.	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD. LOS ANGELES, CA.
1/19/2005	WASTE WATER FROM APTF	5000	GAL.	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD. LOS ANGELES, CA.
1/19/2005	WASTE WATER FROM APTF	5000	GAL.	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD. LOS ANGELES, CA.
1/19/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD. LOS ANGELES, CA.
1/19/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD. LOS ANGELES, CA.
1/19/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD. LOS ANGELES, CA.
1/19/2005	WASTE WATER FROM APTF	5000	GAL.	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD. LOS ANGELES, CA.
1/19/2005	WASTE WATER FROM APTF	5000	GAL.	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD. LOS ANGELES, CA.
1/19/2005	Waste Mixed Solvents	79	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	1704 W. FIRST ST. AZUSA, CA. 91702
1/19/2005	Waste Corr Liq Acid Inorg Bulk Mixed Acids	2806	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	1704 W. FIRST ST. AZUSA, CA. 91702
1/19/2005	Waste Mixed Acids - no metals	971	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	1704 W. FIRST ST. AZUSA, CA. 91702
1/19/2005	Waste Corr Liq Water w/ trace Hydrazine	2567	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	1704 W. FIRST ST. AZUSA, CA. 91702
1/19/2005	Waste 301 Alkaline Clearing Soln, KOH, NA	4357	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	1704 W. FIRST ST. AZUSA, CA. 91702
1/19/2005	Waste Paint Washwater	10	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	1704 W. FIRST ST. AZUSA, CA. 91702
1/19/2005	Waste Carbon with Chlorinated Hydrocarbons	515	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	1704 W. FIRST ST. AZUSA, CA. 91702
1/19/2005	Waste Oil / Water (N/R)	958	LBS.	ONYX ENVIRONMENTAL SERVICES INC.	1704 W. FIRST ST. AZUSA, CA. 91702
1/20/2005	WASTE WATER FROM APTF	5000	GAL.	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD. LOS ANGELES, CA.
1/20/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT AND APTF TANK	3000	GAL.	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD. LOS ANGELES, CA.
1/21/2005	WASTE WATER FROM DELTA TANK	2000	GAL.	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD. LOS ANGELES, CA.
1/21/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD. LOS ANGELES, CA.
1/21/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD. LOS ANGELES, CA.
1/21/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD. LOS ANGELES, CA.
1/21/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD. LOS ANGELES, CA.
1/21/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD. LOS ANGELES, CA.



TABLE C-1  
 THE BOEING COMPANY - ROCKETDYNE  
 NPDES PERMIT CA0001309  
 LIQUID WASTE SHIPMENTS  
 JANUARY 2005

DATE SHIPPED	TYPE OF LIQUID	QTY.	UNITS	TO WHOM SHIPPED	DESTINATION
1/24/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/24/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/24/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT AND UPPER DELTA TANK	2000 3000	GAL. GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/24/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/24/2005	WASTE WATER FROM DELTA	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/24/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/24/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
1/24/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/24/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/24/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/25/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT AND AREA I BAKER TANK	2000 3000	GAL. GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/25/2005	Waste Oil / Water (N/R) Waste Oil Debris (N/R)	13 13	LBS. LBS.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
1/25/2005	WASTE WATER FROM BAKER TANK	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/26/2005	WASTE WATER FROM BAKER TANK	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus

TABLE C-1  
 THE BOEING COMPANY - ROCKETDYNE  
 NPDES PERMIT CA0001309  
 LIQUID WASTE SHIPMENTS  
 JANUARY 2005

DATE SHIPPED	TYPE OF LIQUID	QTY 5000	UNITS GAL.	TO WHOM SHIPPED	DESTINATION
1/26/2005	WASTE WATER FROM BAKER TANK	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/26/2005	WASTE WATER FROM BAKER TANK	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/26/2005	WASTE WATER FROM BAKER TANK	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/26/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/26/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
1/26/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/27/2005	WASTE WATER FROM BAKER TANK	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/27/2005	WASTE WATER FROM BAKER TANK	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/27/2005	WASTE WATER FROM BAKER TANK	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/27/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/28/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/28/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/28/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/31/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/31/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
1/31/2005	WASTE WATER FROM BAKER TANK	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus





TABLE C-2  
 THE BOEING COMPANY - ROCKETDYNE  
 NPDES PERMIT CA0001309  
 LIQUID WASTE SHIPMENTS  
 FEBRUARY 2005

DATE SHIPPED	TYPE OF LIQUID	QTY	UNIT	SHIPPER	RECIPIENT
2/7/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus
2/7/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus
2/7/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus
2/7/2005	WASTE WATER FROM BAKER TANK	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Pomona
2/7/2005	WASTE WATER FROM BAKER TANK	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus
2/7/2005	WASTE WATER FROM BAKER TANK	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus
2/7/2005	WASTE WATER FROM BAKER TANK	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus
2/7/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus
2/7/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus
2/7/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Carson
2/7/2005	WASTE WATER FROM BAKER TANK	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus
2/7/2005	WASTE WATER FROM BAKER TANK	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus
2/7/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus
2/7/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus
2/7/2005	WASTE WATER FROM BAKER TANK	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus
2/7/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus
2/7/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus
2/7/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus
2/7/2005	WASTE WATER FROM BAKER TANK	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus
2/7/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus
2/7/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus
2/7/2005	WASTE WATER FROM BAKER TANK	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus
2/7/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus
2/7/2005	WASTE WATER FROM BAKER TANK	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus



TABLE C-2  
 THE BOEING COMPANY - ROCKETDYNE  
 NPDES PERMIT CA0001309  
 LIQUID WASTE SHIPMENTS  
 FEBRUARY 2005

DATE	TYPE OF WASTE	QTY	UNIT	RECIPIENT	ADDRESS
2/8/2005	WASTE WATER FROM BAKER TANK	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD, LOS ANGELES, CA	LACSD Saugus
2/8/2005	WASTE WATER FROM BAKER TANK	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD, LOS ANGELES, CA	LACSD Saugus
2/8/2005	WASTE WATER FROM BAKER TANK	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD, LOS ANGELES, CA	LACSD Saugus
2/8/2005	WASTE WATER FROM BAKER TANK	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD, LOS ANGELES, CA	LACSD Carson
2/8/2005	WASTE WATER FROM BAKER TANK	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD, LOS ANGELES, CA	LACSD Saugus
2/8/2005	WASTE WATER FROM BAKER TANK	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD, LOS ANGELES, CA	LACSD Saugus
2/8/2005	WASTE WATER FROM BAKER TANK	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD, LOS ANGELES, CA	LACSD Carson
2/8/2005	WASTE WATER FROM BAKER TANK	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD, LOS ANGELES, CA	LACSD Saugus
2/8/2005	WASTE WATER FROM BAKER TANK	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD, LOS ANGELES, CA	LACSD Saugus
2/8/2005	WASTE WATER FROM BAKER TANK	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD, LOS ANGELES, CA	LACSD Pomona
2/8/2005	WASTE WATER FROM BAKER TANK	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD, LOS ANGELES, CA	LACSD Saugus
2/9/2005	WASTE WATER FROM AREA 8 SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD, LOS ANGELES, CA	LACSD Carson
2/9/2005	WASTE WATER FROM AREA 8 SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD, LOS ANGELES, CA	LACSD Saugus
2/9/2005	WASTE WATER FROM AREA 1 SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD, LOS ANGELES, CA	LACSD Saugus
2/9/2005	WASTE WATER FROM BAKER TANK	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD, LOS ANGELES, CA	LACSD Saugus
2/9/2005	WASTE WATER FROM BAKER TANK	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD, LOS ANGELES, CA	LACSD Saugus
2/9/2005	WASTE WATER FROM BAKER TANK	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD, LOS ANGELES, CA	LACSD Saugus

TABLE C-2  
 THE BOEING COMPANY - ROCKETDYNE  
 NPDES PERMIT CA0001309  
 LIQUID WASTE SHIPMENTS  
 FEBRUARY 2005

DATE SHIPPED	TYPE OF LIQUOR	QTY	UNIT	SHIPPER	ADDRESS	AGENCY
2/11/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD, LOS ANGELES, CA	LACSD Saugus
2/11/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD, LOS ANGELES, CA	LACSD Saugus
2/14/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD, LOS ANGELES, CA	LACSD Saugus
2/14/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD, LOS ANGELES, CA	LACSD Saugus
2/14/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD, LOS ANGELES, CA	LACSD Saugus
2/14/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD, LOS ANGELES, CA	LACSD Saugus
2/14/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD, LOS ANGELES, CA	LACSD Carson
2/14/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD, LOS ANGELES, CA	LACSD Saugus
2/15/2005	WASTE WATER FROM BAKER TANK	5000	GAL	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD, LOS ANGELES, CA	LACSD Saugus
2/15/2005	WASTE WATER FROM BAKER TANK	5000	GAL	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD, LOS ANGELES, CA	LACSD Saugus
2/15/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD, LOS ANGELES, CA	LACSD Saugus
2/15/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD, LOS ANGELES, CA	LACSD Saugus
2/15/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD, LOS ANGELES, CA	LACSD Saugus
2/15/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD, LOS ANGELES, CA	LACSD Saugus
2/16/2005	WASTE WATER FROM BAKER TANK	5000	GAL	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD, LOS ANGELES, CA	LACSD Saugus
2/16/2005	WASTE WATER FROM BAKER TANK	5000	GAL	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD, LOS ANGELES, CA	LACSD Saugus
2/16/2005	WASTE WATER FROM BAKER TANK	5000	GAL	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD, LOS ANGELES, CA	LACSD Saugus
2/16/2005	WASTE WATER FROM BAKER TANK	5000	GAL	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD, LOS ANGELES, CA	LACSD Saugus
2/16/2005	WASTE WATER FROM AREA II Sewage treatment plant	5000	GAL	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD, LOS ANGELES, CA	LACSD Saugus
2/16/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC.	4120 BANDINI BLVD, LOS ANGELES, CA	LACSD Saugus

TABLE C-2  
 THE BOEING COMPANY - ROCKETDYNE  
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 LIQUID WASTE SHIPMENTS  
 FEBRUARY 2005

WASTE DATE	TYPE OF LIQUID	QTY	UNIT	GENERATOR	DESTINATION
2/16/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Carson
2/17/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus
2/18/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus
2/18/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus
2/18/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Carson
2/19/2005	WASTE WATER FROM BAKER TANK	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus
2/19/2005	WASTE WATER FROM BAKER TANK	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus
2/21/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus
2/21/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus
2/21/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Carson
2/21/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus
2/21/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus
2/21/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus
2/21/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus
2/21/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus
2/22/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus
2/22/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus
2/22/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus
2/22/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus



TABLE C-2  
 THE BOEING COMPANY - ROCKETDYNE  
 NPDES PERMIT CA0001309  
 LIQUID WASTE SHIPMENTS  
 FEBRUARY 2005

DATE SHIPPED	TYPE OF WASTE	QTY	UNIT	SHIPPER	LOCATION
2/22/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA	
2/22/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA	
2/23/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA	
2/23/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA	
2/23/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA	
2/23/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA	
2/23/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA	
2/23/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC.	LACSD Cannon
				4120 BANDINI BLVD. LOS ANGELES, CA	
2/23/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA	
2/23/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA	
2/23/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA	
2/23/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA	
2/24/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA	
2/24/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA	
2/24/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA	
2/24/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA	
2/24/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC.	LACSD Saugus
				4120 BANDINI BLVD. LOS ANGELES, CA	



TABLE C-2  
 THE BOEING COMPANY - ROCKETDYNE  
 NPDES PERMIT CA0001309  
 LIQUID WASTE SHIPMENTS  
 FEBRUARY 2005

DATE	TYPE OF WASTE	QTY	UNIT	GENERATOR	RECIPIENT
2/28/2005	WASTE WATER FROM AREA B SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus
2/28/2005	WASTE WATER FROM AREA B SEWAGE TREATMENT PLANT	5000	GAL	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA	LACSD Saugus





TABLE C-3  
 THE BOEING COMPANY - ROCKETDYNE  
 NPDES PERMIT CA0001309  
 LIQUID WASTE SHIPMENTS  
 MARCH 2005

DATE SHIPPED	TYPE OF LIQUID	QTY	UNIT	SHIPPER	RECIPIENT
3/4/2005	WASTE WATER FROM BAKER TANK	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/4/2005	WASTE WATER FROM BAKER TANK	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
3/4/2005	WASTE WATER FROM BAKER TANK	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/4/2005	WASTE WATER FROM BAKER TANK	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/4/2005	WASTE WATER FROM BAKER TANK	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/4/2005	WASTE WATER FROM BAKER TANK	3000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/7/2005	WASTE WATER FROM BAKER TANK	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/7/2005	WASTE WATER FROM BAKER TANK	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
3/7/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/7/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/7/2005	WASTE WATER FROM BAKER TANK	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/7/2005	WASTE WATER FROM BAKER TANK	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/9/2005	WASTE WATER FROM BAKER TANK	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/9/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/14/2005	WASTE WATER FROM BAKER TANK	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/14/2005	WASTE WATER FROM BAKER TANK	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/14/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson

TABLE C-3  
 THE BOEING COMPANY - ROCKETDYNE  
 NPDES PERMIT CA0001309  
 LIQUID WASTE SHIPMENTS  
 MARCH 2005

DATE SHIPPED	DATE OF LOAD	QTY.	UNIT	REMARKS	SHIPPER
3/15/2005	Alfa Kerosene Oil, Water Bulk	948	GAL.	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702	ONYX ENVIRONMENTAL SERVICES INC. 1704 W. FIRST ST. AZUSA, CA. 91702
3/16/2005	WASTE WATER FROM BAKER TANK	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/16/2005	WASTE WATER FROM BAKER TANK	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/16/2005	WASTE WATER FROM BAKER TANK	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/16/2005	WASTE WATER FROM BAKER TANK	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/16/2005	WASTE WATER FROM BAKER TANK	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/16/2005	WASTE WATER FROM BAKER TANK	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/17/2005	WASTE WATER FROM BAKER TANK	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/17/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/18/2005	WASTE WATER FROM BAKER TANK	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/21/2005	WASTE WATER FROM BAKER TANK	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/21/2005	WASTE WATER FROM BAKER TANK	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/21/2005	WASTE WATER FROM BAKER TANK	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/21/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/21/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/21/2005	WASTE WATER FROM AREA I SEWAGE TREATMENT	3000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
3/21/2005	WASTE WATER FROM BAKER TANK	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/21/2005	WASTE WATER FROM BAKER TANK	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/21/2005	WASTE WATER FROM BAKER TANK	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/22/2005	WASTE WATER FROM BAKER TANK	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus



TABLE C-3  
 THE BOEING COMPANY - ROCKETDYNE  
 NPDES PERMIT CA0001309  
 LIQUID WASTE SHIPMENTS  
 MARCH 2005

DATE SHIPPED	TYPE OF LIQUID	QTY	UNITS	TRANSPORTER	DESTINATION
3/25/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
3/25/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/25/2005	WASTE WATER FROM BAKER TANK	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/25/2005	WASTE WATER FROM BAKER TANK	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/28/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
3/28/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT PLANT	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/28/2005	WASTE WATER FROM BAKER TANK	5000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/30/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT	3000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Carson
3/30/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT	3000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus
3/30/2005	WASTE WATER FROM AREA II SEWAGE TREATMENT	3000	GAL.	SOUTHWEST PROCESSORS INC. 4120 BANDINI BLVD. LOS ANGELES, CA.	LACSD Saugus



**1<sup>st</sup> QUARTER 2005 REPORTING SUMMARY NOTES**  
**THE BOEING COMPANY - ROCKETDYNE**  
**SANTA SUSANA FIELD LABORATORY**  
**NPDES PERMIT CA0001309**

**Notes:**

1. For Dioxins and Furans, laboratory results may have been reported in picograms/liter (pg/L). However, the permit limit is stated in micrograms/liter ( $\mu\text{g/L}$ ). To evaluate permit compliance, the laboratory results have been converted to  $\mu\text{g/L}$ , as necessary, to calculate the TCDD TEQ.
2. TCDD TEQs for the purpose of determining permit compliance are the sum of the products of the detected dioxin congener concentration multiplied by that congener's TEF. The resulting compliance TCDD TEQ does not include those congener concentrations that are reported as DNQ, as specified on Page 40 of the NPDES permit.
3. For some sample dates, pH was determined with a field instrument and was noted as such. These results were not validated. Since pH does not have an RL, the possible pH range is shown in the RL column.
4. The NPDES permit limits for mercury of 0.10  $\mu\text{g/L}$  (Outfalls 1-2) and 0.13  $\mu\text{g/L}$  (Outfalls 3-7) are not achievable by the laboratory; therefore, the laboratory reporting limit of 0.20  $\mu\text{g/L}$  was used to determine compliance.
5. The volume discharged at the Alfa Test Stand (Outfall 012) is estimated based on the run time of the test.
6. All of the following abbreviations and/or notes may not occur on every table.

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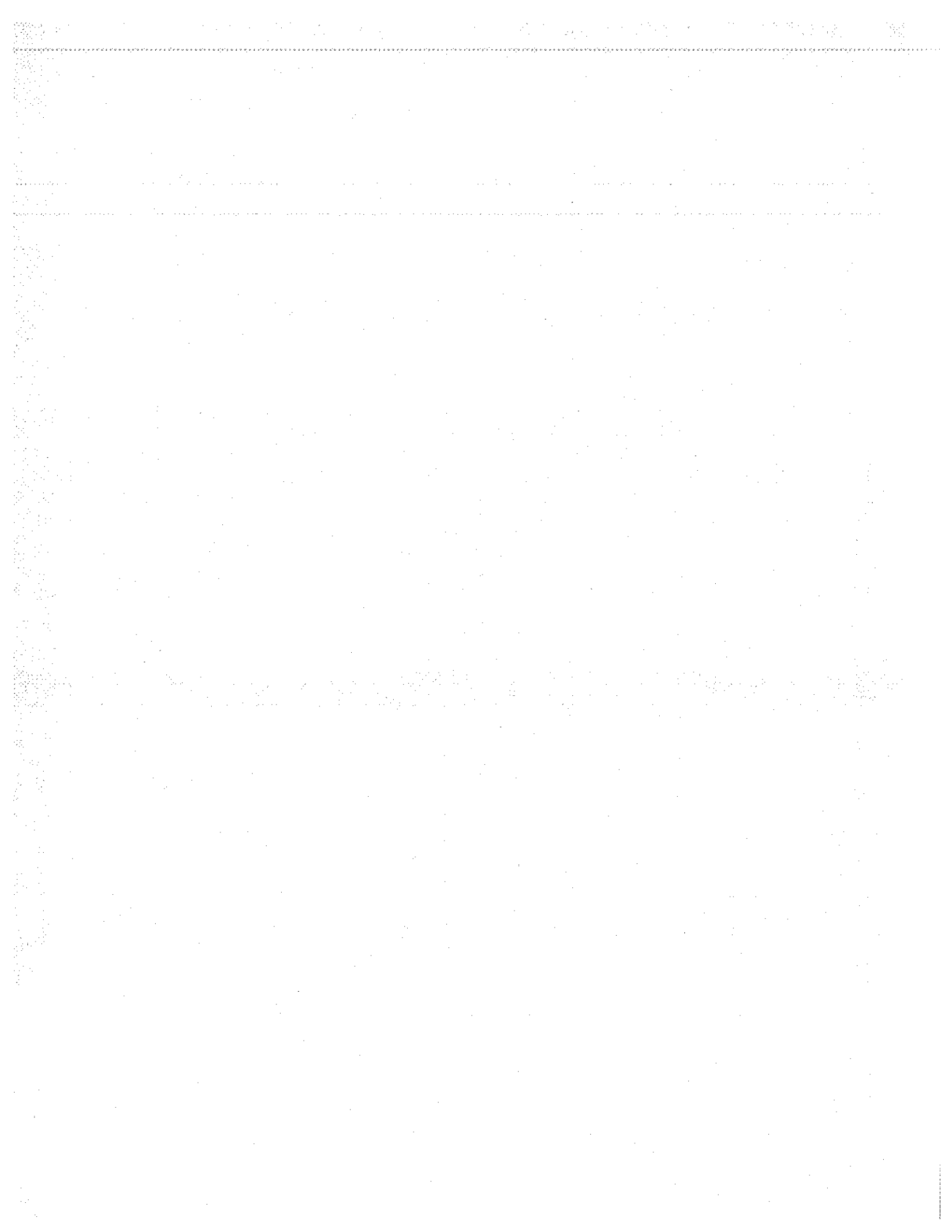
-92.9 +/-200	A negative radiochemical analytical result indicates the count rate of the sample was less than the background condition
\$	reported result or other information was incorrectly reported by the laboratory; result was corrected by the data validator
--	based on validation of the data, a qualifier 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

**1<sup>st</sup> QUARTER 2005 REPORTING SUMMARY NOTES**  
**THE BOEING COMPANY - ROCKETDYNE**  
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*5	blank spike/blank spike duplicate relative percent difference was outside the control limit
*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	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
MDL	method detection limit
MGD	million gallons per day
mg/L	milligrams per liter
ml/L/hr	milliliters per liter per hour
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
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

**1<sup>st</sup> QUARTER 2005 REPORTING SUMMARY NOTES  
THE BOEING COMPANY - ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
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R	(reason code in parentheses) %R for calibration not within control limits
RL	laboratory reporting limit
RL-1	reporting limit raised due to sample matrix effects
%RSD	percent relative standard deviation
S	surrogate recovery was outside control limits
TEQ	toxic equivalent
T	presumed contamination, as indicated by a detect in the trip blank
TU <sub>c</sub>	toxicity units (chronic)
U	result not detected
µg/L	micrograms per liter
UJ	result not detected at the estimated reporting limit
umhos/cm	micromhos per centimeter
WHO TEF	World Health Organization toxic equivalency factor
^	analysis not completed due to hold time exceedence or insufficient sample volume





**OUTFALL 001 (South Slope below Perimeter Pond)**

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**January 1 through January 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly	1/4/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	ND < 0.30	U	ND < 0.30	U
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/20	0.90	J* (DNQ)	1.2	J* (DNQ)
Chloride	mg/L	150/-	5.8	*	4.2	*
Specific Conductivity (Lab)	umhos/cm	-/-	130	--	99	--
Surfactants (MBAS)	mg/L	0.5/-	ND < 4.4	U	ND < 0.044	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	2.2	*	0.96	*
Oil & Grease	mg/L	15/10	5.2	*	2.7	B, J* (DNQ)
Perchlorate	ug/L	6.0/-	ND < 0.80	*	ND < 0.80	*
pH (Field)	pH units	6.5-8.5/-	6.80	*	6.99	*
Total Settleable Solids	ml/L	0.3/0.1	ND < 0.10	*	ND < 0.10	*
Sulfate	mg/L	300/-	9.2	*	6.8	*
Temperature	deg. F	86/-	50.0	*	55.8	*
Total Cyanide	ug/L	8.5/4.3	ND < 2.2	*	ND < 2.2	*
Total Dissolved Solids	mg/L	950/-	120	*	110	*
Total Organic Carbon	mg/L	-/-	ANR	ANR	ANR	ANR
Total Residual Chlorine	mg/L	0.1/-	ANR	ANR	ANR	ANR
Total Suspended Solids	mg/L	45/15	ND < 10	*	10	*
Turbidity	NTU	-/-	20	--	23	--
Volume Discharged	MGD	160/-	1.85	*	8.28	*
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	15/-	ANR	ANR	ANR	ANR
Gross Beta	pCi/L	50/-	ANR	ANR	ANR	ANR
Strontium-90	pCi/L	8.0/-	ANR	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	20000/-	ANR	ANR	ANR	ANR
<b>METALS</b>						
Antimony	ug/L	6.0/-	ANR	ANR	ANR	ANR
Arsenic	ug/L	50/-	ANR	ANR	ANR	ANR
Barium	mg/L	1.0/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	4.0/-	ANR	ANR	ANR	ANR
Boron	mg/L	-/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	4.0/2.0	ANR	ANR	ANR	ANR
Chromium	ug/L	16.3/8.1	ANR	ANR	ANR	ANR
Chromium VI	ug/L	16.3/8.1	ANR	ANR	ANR	ANR
Cobalt	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	14.0/7.1	3.7	*	3.3	*
Iron	mg/L	0.3/-	ANR	ANR	ANR	ANR
Lead	ug/L	5.2/2.6	0.74	J* (DNQ)	1.1	*
Manganese	ug/L	50/-	ANR	ANR	ANR	ANR
Mercury	ug/L	0.10/0.05	0.15	J* (DNQ)	0.17	J* (DNQ)
Nickel	ug/L	96/35	ANR	ANR	ANR	ANR
Selenium	ug/L	8.2/4.1	ANR	ANR	ANR	ANR
Silver	ug/L	4.1/2.0	ANR	ANR	ANR	ANR
Thallium	ug/L	2.0/-	ANR	ANR	ANR	ANR

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

**OUTFALL 001 (South Slope below Perimeter Pond)**

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THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
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ANALYTE	UNITS	Permit Limit Daily Max/Monthly	1/4/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	119/54	ANR	ANR	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Chloroform	ug/L	-/-	ND < 0.33	U	ND < 0.33	U
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	U	ND < 0.27	U
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
1,1-Dichloroethene	ug/L	6.0/3.2	ND < 0.32	U	ND < 0.32	U
1,4-Dioxane	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ND < 0.25	U	ND < 0.25	U
Tetrachloroethene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
Toluene	ug/L	-/-	ND < 0.36	U	ND < 0.36	U
Xylenes (Total)	ug/L	-/-	ND < 0.52	U	ND < 0.52	U
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
Trichloroethene	ug/L	5.0/-	ND < 0.26	U	ND < 0.26	U
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	U	ND < 0.34	U
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl Chloride	ug/L	-/-	ND < 0.26	U	ND < 0.26	U
<b>TPH</b>						
EFH (C13 - C22)	ug/L	-/-	ANR	ANR	ANR	ANR
GRO (C4 - C12)	ug/L	-/-	ANR	ANR	ANR	ANR
TRPH	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	13.0/6.5	ND < 0.10	*	ND < 0.10	*
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	18.3/9.1	ND < 0.23	*	ND < 0.23	*
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR

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

OUTFALL 001 (South Slope below Perimeter Pond)

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 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

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ANALYTE	UNITS	Permit Limit Daily Max/Monthly	1/4/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	0.03/0.01	ND < 0.00049	*	ND < 0.00049	*
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-	ND < 1.1	*	1.3	J* (DNQ)
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chronic Toxicity	Tuc	1.0/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
Cyclohexane	ug/L	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 001 (South Slope below Perimeter Pond)**

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

**January 1 through January 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly	1/4/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	16.3/8.1	ND < 0.22	*	ND < 0.22	*
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	16.5/8.2	ND < 0.78	*	ND < 0.78	*
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR



**OUTFALL 001 (South Slope below Perimeter Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly	1/18/2005		1/21/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	ND < 0.30	U	ANR	ANR
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/20	ND < 0.59	*	ANR	ANR
Chloride	mg/L	150/-	13	*	ANR	ANR
Specific Conductivity (Lab)	umhos/cm	-/-	220	--	ANR	ANR
Surfactants (MBAS)	mg/L	0.5/-	ND < 0.044	*	ANR	ANR
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	0.77	*	ANR	ANR
Oil & Grease	mg/L	15/10	0.3	B, J* (DNQ)	ANR	ANR
Perchlorate	ug/L	6.0/-	ND < 0.80	*	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	7.60	*	ANR	ANR
Total Settleable Solids	ml/L	0.3/0.1	ND < 0.10	*	ANR	ANR
Sulfate	mg/L	300/-	24	*	ANR	ANR
Temperature	deg. F	86/-	55.2	*	ANR	ANR
Total Cyanide	ug/L	8.5/4.3	ND < 2.2	*	ANR	ANR
Total Dissolved Solids	mg/L	950/-	150	*	ANR	ANR
Total Organic Carbon	mg/L	-/-	ANR	ANR	ANR	ANR
Total Residual Chlorine	mg/L	0.1/-	ANR	ANR	ANR	ANR
Total Suspended Solids	mg/L	45/15	ND < 10	*	ANR	ANR
Turbidity	NTU	-/-	2.5	--	ANR	ANR
Volume Discharged	MGD	160/-	0.58	*	0.42	*
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	15/-	ANR	ANR	ANR	ANR
Gross Beta	pCi/L	50/-	ANR	ANR	ANR	ANR
Strontium-90	pCi/L	8.0/-	ANR	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	20000/-	ANR	ANR	ANR	ANR
<b>METALS</b>						
Antimony	ug/L	6.0/-	ANR	ANR	ANR	ANR
Arsenic	ug/L	50/-	ANR	ANR	ANR	ANR
Barium	mg/L	1.0/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	4.0/-	ANR	ANR	ANR	ANR
Boron	mg/L	-/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	4.0/2.0	ANR	ANR	ANR	ANR
Chromium	ug/L	16.3/8.1	ANR	ANR	ANR	ANR
Chromium VI	ug/L	16.3/8.1	ANR	ANR	ANR	ANR
Cobalt	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	14.0/7.1	2.7	*	ANR	ANR
Iron	mg/L	0.3/-	ANR	ANR	ANR	ANR
Lead	ug/L	5.2/2.6	0.32	J* (DNQ)	ANR	ANR
Manganese	ug/L	50/-	ANR	ANR	ANR	ANR
Mercury	ug/L	0.10/0.05	0.26	--	ND < 0.063	*
Nickel	ug/L	96/35	ANR	ANR	ANR	ANR
Selenium	ug/L	8.2/4.1	ANR	ANR	ANR	ANR
Silver	ug/L	4.1/2.0	ANR	ANR	ANR	ANR
Thallium	ug/L	2.0/-	ANR	ANR	ANR	ANR

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

OUTFALL 001 (South Slope below Perimeter Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly	1/18/2005		1/21/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	119/54	ANR	ANR	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ND < 0.28	U	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U	ANR	ANR
Chloroform	ug/L	-/-	ND < 0.33	U	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	U	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	U	ANR	ANR
1,1-Dichloroethene	ug/L	6.0/3.2	ND < 0.32	U	ANR	ANR
1,4-Dioxane	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ND < 0.25	U	ANR	ANR
Tetrachloroethene	ug/L	-/-	ND < 0.32	U	ANR	ANR
Toluene	ug/L	-/-	ND < 0.36	U	ANR	ANR
Xylenes (Total)	ug/L	-/-	ND < 0.52	U	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
Trichloroethene	ug/L	5.0/-	ND < 0.26	U	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	U	ANR	ANR
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl Chloride	ug/L	-/-	ND < 0.26	U	ANR	ANR
<b>TPH</b>						
EFH (C13 - C22)	ug/L	-/-	ANR	ANR	ANR	ANR
GRO (C4 - C12)	ug/L	-/-	ANR	ANR	ANR	ANR
TRPH	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	13.0/6.5	ND < 0.10	*	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	18.3/9.1	ND < 0.23	*	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR

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

OUTFALL 001 (South Slope below Perimeter Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly	1/18/2005		1/21/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	0.03/0.01	ND < 0.00049	*	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,l)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-	ND < 1.1	*	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chronic Toxicity	Tuc	1.0/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
Cyclohexane	ug/L	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR

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

OUTFALL 001 (South Slope below Perimeter Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly	1/18/2005		1/21/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	16.3/8.1	ND < 0.22	*	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	16.5/8.2	ND < 0.78	*	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR

**OUTFALL 001 (South Slope below Perimeter Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly	1/26/2005	
			RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	ND < 0.30	U
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/20	0.75	J* (DNQ)
Chloride	mg/L	150/-	19	*
Specific Conductivity (Lab)	umhos/cm	-/-	260	--
Surfactants (MBAS)	mg/L	0.5/-	0.081	J* (DNQ)
Fluoride	mg/L	1.6/-	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	0.38	*
Oil & Grease	mg/L	15/10	ND < 0.94	*
Perchlorate	ug/L	6.0/-	ND < 0.80	*
pH (Field)	pH units	6.5-8.5/-	7.09	*
Total Settleable Solids	ml/L	0.3/0.1	ND < 0.10	*
Sulfate	mg/L	300/-	28	*
Temperature	deg. F	86/-	57.7	*
Total Cyanide	ug/L	8.5/4.3	ND < 2.2	*
Total Dissolved Solids	mg/L	950/-	140	*
Total Organic Carbon	mg/L	-/-	ANR	ANR
Total Residual Chlorine	mg/L	0.1/-	ANR	ANR
Total Suspended Solids	mg/L	45/15	ND < 10	*
Turbidity	NTU	-/-	1.2	--
Volume Discharged	MGD	160/-	0.36	*
<b>RADIOACTIVITY</b>				
Gross Alpha	pCi/L	15/-	ANR	ANR
Gross Beta	pCi/L	50/-	ANR	ANR
Strontium-90	pCi/L	8.0/-	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	ANR	ANR
Tritium	pCi/L	20000/-	ANR	ANR
<b>METALS</b>				
Antimony	ug/L	6.0/-	ANR	ANR
Arsenic	ug/L	50/-	ANR	ANR
Barium	mg/L	1.0/-	ANR	ANR
Beryllium	ug/L	4.0/-	ANR	ANR
Boron	mg/L	-/-	ANR	ANR
Cadmium	ug/L	4.0/2.0	ANR	ANR
Chromium	ug/L	16.3/8.1	ANR	ANR
Chromium VI	ug/L	16.3/8.1	ANR	ANR
Cobalt	ug/L	-/-	ANR	ANR
Copper	ug/L	14.0/7.1	1.7	J* (DNQ)
Iron	mg/L	0.3/-	ANR	ANR
Lead	ug/L	5.2/2.6	ND < 0.13	*
Manganese	ug/L	50/-	ANR	ANR
Mercury	ug/L	0.10/0.05	0.13	J* (DNQ)
Nickel	ug/L	96/35	ANR	ANR
Selenium	ug/L	8.2/4.1	ANR	ANR
Silver	ug/L	4.1/2.0	ANR	ANR
Thallium	ug/L	2.0/-	ANR	ANR



**OUTFALL 001 (South Slope below Perimeter Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly	1/26/2005	
			RESULT	VALIDATION QUALIFIER
Vanadium	ug/L	-/-	ANR	ANR
Zinc	ug/L	119/54	ANR	ANR
<b>ORGANICS</b>				
Benzene	ug/L	-/-	ND < 0.28	U
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U
Chloroform	ug/L	-/-	ND < 0.33	U
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	U
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	UJ (C)
1,1-Dichloroethene	ug/L	6.0/3.2	ND < 0.32	U
1,4-Dioxane	ug/L	-/-	ANR	ANR
Ethylbenzene	ug/L	-/-	ND < 0.25	U
Tetrachloroethene	ug/L	-/-	ND < 0.32	U
Toluene	ug/L	-/-	ND < 0.36	U
Xylenes (Total)	ug/L	-/-	ND < 0.52	U
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	UJ (C)
Trichloroethene	ug/L	5.0/-	ND < 0.26	U
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	U
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ND < 1.2	U
Vinyl Chloride	ug/L	-/-	ND < 0.26	U
<b>TPH</b>				
EFH (C13 - C22)	ug/L	-/-	ANR	ANR
GRO (C4 - C12)	ug/L	-/-	ANR	ANR
TRPH	ug/L	-/-	ANR	ANR
<b>ADDITIONAL ANALYTES</b>				
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	-/-	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR
2,4,6-Trichlorophenol	ug/L	13.0/6.5	ND < 0.10	*
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR
2,4-Dinitrotoluene	ug/L	18.3/9.1	ND < 0.23	*
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR

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

OUTFALL 001 (South Slope below Perimeter Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly	1/26/2005	
			RESULT	VALIDATION QUALIFIER
4,4'-DDE	ug/L	-/-	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR
alpha-BHC	ug/L	0.03/0.01	ND < 0.00049	*
Anthracene	ug/L	-/-	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-	ND < 1.1	*
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR
Chronic Toxicity	Tuc	1.0/-	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR
cis-1,2-Dichloroethene	ug/L	-/-	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR
Cyclohexane	ug/L	-/-	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR

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

**OUTFALL 001 (South Slope below Perimeter Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly	1/26/2005	
			RESULT	VALIDATION QUALIFIER
Dieldrin	ug/L	-/-	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR
n-Nitrosodimethylamine	ug/L	16.3/8.1	ND < 0.22	*
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR
Pentachlorophenol	ug/L	16.5/8.2	ND < 0.78	*
Phenanthrene	ug/L	-/-	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR

**OUTFALL 001 (South Slope below Perimeter Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**February 1 through February 28, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/15/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	4.2	--	ANR	ANR
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/20	3.0	K*	ANR	ANR
Chloride	mg/L	150/-	11	*	ANR	ANR
Specific Conductivity (Lab)	umhos/cm	-/-	190	--	ANR	ANR
Surfactants (MBAS)	mg/L	0.5/-	1.0	--	ANR	ANR
Fluoride	mg/L	1.6/-	0.29	J* (DNQ)	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	0.94	*	ANR	ANR
Oil & Grease	mg/L	15/10	3.8	J* (DNQ)	ANR	ANR
Perchlorate	ug/L	6.0/-	ND < 0.80	*	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	6.74	*	ANR	ANR
Total Settleable Solids	ml/L	0.3/0.1	ND < 0.10	*	ANR	ANR
Sulfate	mg/L	300/-	29	*	ANR	ANR
Temperature	deg. F	86/-	55.9	*	ANR	ANR
Total Cyanide	ug/L	8.5/4.3	ND < 2.2	*	ANR	ANR
Total Dissolved Solids	mg/L	950/-	190	*	ANR	ANR
Total Organic Carbon	mg/L	-/-	9.3	--	ANR	ANR
Total Residual Chlorine	mg/L	0.1/-	ND < 0.10	*	ANR	ANR
Total Suspended Solids	mg/L	45/15	460	--	ANR	ANR
Turbidity	NTU	-/-	530	--	ANR	ANR
Volume Discharged	MGD	160/-	8.28	*	1.69	*
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	15/-	17.3 /±4.5	J (R,Q)	ANR	ANR
Gross Beta	pCi/L	50/-	20.0 /±3.4	--	ANR	ANR
Strontium-90	pCi/L	8.0/-	0.034 /±0.20	U	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	1.564	--	ANR	ANR
Tritium	pCi/L	20000/-	157 /±150	U	ANR	ANR
<b>METALS</b>						
Antimony	ug/L	6.0/-	0.20	J* (DNQ)	ANR	ANR
Arsenic	ug/L	50/-	6.7	*	ANR	ANR
Barium	mg/L	1.0/-	0.14	*	ANR	ANR
Beryllium	ug/L	4.0/-	1.3	J* (DNQ)	ANR	ANR
Boron	mg/L	-/-	0.054	UJ (B)	ANR	ANR
Cadmium	ug/L	4.0/2.0	0.19	J* (DNQ)	ANR	ANR
Calcium	mg/L	-/-	ANR	ANR	ANR	ANR
Chromium	ug/L	16.3/8.1	27	--	1.2	J* (DNQ)
Chromium VI	ug/L	16.3/8.1	ANR	ANR	ANR	ANR
Cobalt	ug/L	-/-	6.8	J (DNQ)	ANR	ANR
Copper	ug/L	14.0/7.1	13	--	2.8	*
Iron	mg/L	0.3/-	27	--	ANR	ANR
Lead	ug/L	5.2/2.6	9.7	--	0.25	J* (DNQ)
Manganese	ug/L	50/-	370	--	ANR	ANR
Magnesium	mg/L	-/-	ANR	ANR	ANR	ANR
Mercury	ug/L	0.10/0.05	0.16	J* (DNQ)	ANR	ANR
Nickel	ug/L	96/35	23	*	ANR	ANR

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

OUTFALL 001 (South Slope below Perimeter Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/15/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Potassium	mg/L	-/-	ANR	ANR	ANR	ANR
Selenium	ug/L	8.2/4.1	0.37	J* (DNQ)	ANR	ANR
Silver	ug/L	4.1/2.0	0.10	J* (DNQ)	ANR	ANR
Sodium	mg/L	-/-	ANR	ANR	ANR	ANR
Thallium	ug/L	2.0/-	0.46	J* (DNQ)	ANR	ANR
Vanadium	ug/L	-/-	48	--	ANR	ANR
Zinc	ug/L	119/54	90	--	ND < 3.7	*
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ND < 0.28	U	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U	ANR	ANR
Chloroform	ug/L	-/-	ND < 0.33	U	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	U	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	U	ANR	ANR
1,1-Dichloroethene	ug/L	6.0/3.2	ND < 0.32	U	ANR	ANR
1,4-Dioxane	ug/L	-/-	ND < 0.49	*	ANR	ANR
Ethylbenzene	ug/L	-/-	ND < 0.25	U	ANR	ANR
Tetrachloroethene	ug/L	-/-	ND < 0.32	U	ANR	ANR
Toluene	ug/L	-/-	ND < 0.36	U	ANR	ANR
Xylenes (Total)	ug/L	-/-	ND < 0.52	U	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
Trichloroethene	ug/L	5.0/-	ND < 0.26	U	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	U	ANR	ANR
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ND < 1.2	UJ (C)	ANR	ANR
Vinyl Chloride	ug/L	-/-	ND < 0.26	U	ANR	ANR
<b>TPH</b>						
EFH (C13 - C22)	ug/L	-/-	ND < 0.082	U	ANR	ANR
GRO (C4 - C12)	ug/L	-/-	ND < 0.050	U	ANR	ANR
TRPH	ug/L	-/-	ND < 0.31	U	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ND < 2.5	UJ (*11)	ANR	ANR
2,4,5-Trichlorophenol	ug/L	-/-	ND < 0.075	U	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ND < 0.24	U	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ND < 0.10	U	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ND < 0.32	U	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ND < 0.11	U	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ND < 0.35	U	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ND < 0.087	U	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ND < 0.13	U	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ND < 0.35	U	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ND < 0.37	U	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ND < 0.050	U	ANR	ANR
2,4,6-Trichlorophenol	ug/L	13.0/6.5	ND < 0.10	U	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ND < 0.21	U	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ND < 0.31	U	ANR	ANR

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



OUTFALL 001 (South Slope below Perimeter Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/15/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
2,4-Dinitrophenol	ug/L	-/-	ND < 2.7	UJ (C)	ANR	ANR
2,4-Dinitrotoluene	ug/L	18.3/9.1	ND < 0.23	U	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ND < 0.24	U	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ND < 1.3	U	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ND < 0.059	U	ANR	ANR
2-Chlorophenol	ug/L	-/-	ND < 0.12	U	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ND < 0.38	UJ (C)	ANR	ANR
2-Methylnaphthalene	ug/L	-/-	ND < 0.13	U (B)	ANR	ANR
2-Methylphenol	ug/L	-/-	ND < 0.28	U	ANR	ANR
2-Nitrophenol	ug/L	-/-	ND < 0.23	U	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ND < 0.93	U	ANR	ANR
4,4'-DDD	ug/L	-/-	ND < 0.015	U	ANR	ANR
4,4'-DDE	ug/L	-/-	ND < 0.020	U	ANR	ANR
4,4'-DDT	ug/L	-/-	ND < 0.030	U	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ND < 0.12	U	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ND < 0.34	U	ANR	ANR
4-Chloroaniline	ug/L	-/-	ND < 0.20	U	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ND < 0.056	U	ANR	ANR
4-Nitrophenol	ug/L	-/-	ND < 0.73	UJ (C)	ANR	ANR
Acenaphthene	ug/L	-/-	ND < 0.10	U	ANR	ANR
Acenaphthylene	ug/L	-/-	ND < 0.10	U	ANR	ANR
Acrolein	ug/L	-/-	ND < 4.6	R (R)	ANR	ANR
Acrylonitrile	ug/L	-/-	ND < 5.1	UJ (C)	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	100	*	ANR	ANR
Aldrin	ug/L	-/-	ND < 0.030	U	ANR	ANR
alpha-BHC	ug/L	0.03/0.01	ND < 0.00049	U	ANR	ANR
Aniline	ug/L	-/-	ND < 2.9	U	ANR	ANR
Anthracene	ug/L	-/-	ND < 0.083	U	ANR	ANR
Aroclor-1016	ug/L	-/-	ND < 0.20	U	ANR	ANR
Aroclor-1221	ug/L	-/-	ND < 0.10	U	ANR	ANR
Aroclor-1232	ug/L	-/-	ND < 0.15	U	ANR	ANR
Aroclor-1242	ug/L	-/-	ND < 0.15	U	ANR	ANR
Aroclor-1248	ug/L	-/-	ND < 0.25	U	ANR	ANR
Aroclor-1254	ug/L	-/-	ND < 0.25	U	ANR	ANR
Aroclor-1260	ug/L	-/-	ND < 0.40	U	ANR	ANR
Benzidine	ug/L	-/-	ND < 2.4	UJ (*5)	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ND < 0.038	U	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ND < 0.14	U	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ND < 0.050	U	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ND < 0.059	U	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ND < 0.053	U	ANR	ANR
Benzoic acid	ug/L	-/-	ND < 3.7	UJ (C)	ANR	ANR
Benzyl alcohol	ug/L	-/-	ND < 0.21	U	ANR	ANR
beta-BHC	ug/L	-/-	ND < 0.015	U	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ND < 0.084	U	ANR	ANR

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

OUTFALL 001 (South Slope below Perimeter Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/15/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-	ND < 1.1	U	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ND < 0.072	U	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ND < 0.11	U	ANR	ANR
Bromodichloromethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
Bromoform	ug/L	-/-	ND < 0.32	U	ANR	ANR
Bromomethane	ug/L	-/-	ND < 0.34	U	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ND < 0.34	U	ANR	ANR
Chlordane	ug/L	-/-	ND < 0.20	U	ANR	ANR
Chlorobenzene	ug/L	-/-	ND < 0.36	U	ANR	ANR
Chloroethane	ug/L	-/-	ND < 0.33	U	ANR	ANR
Chloromethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
Chronic Toxicity	TUC	1.0/-	1.0	*	ANR	ANR
Chrysene	ug/L	-/-	ND < 0.072	U	ANR	ANR
cis-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ND < 0.22	U	ANR	ANR
Cyclohexane	ug/L	-/-	0.0	UJ (*11)	ANR	ANR
delta-BHC	ug/L	-/-	ND < 0.020	U	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ND < 0.083	U	ANR	ANR
Dibenzofuran	ug/L	-/-	ND < 0.075	U	ANR	ANR
Dibromochloromethane	ug/L	-/-	ND < 0.28	U	ANR	ANR
Dieldrin	ug/L	-/-	ND < 0.015	U	ANR	ANR
Diethylphthalate	ug/L	-/-	ND < 0.12	U	ANR	ANR
Dimethylphthalate	ug/L	-/-	ND < 0.081	U	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ND < 0.26	U	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ND < 0.17	U	ANR	ANR
Endosulfan I	ug/L	-/-	ND < 0.015	U	ANR	ANR
Endosulfan II	ug/L	-/-	ND < 0.040	U	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ND < 0.015	U	ANR	ANR
Endrin	ug/L	-/-	ND < 0.015	U	ANR	ANR
Endrin aldehyde	ug/L	-/-	ND < 0.045	U	ANR	ANR
Endrin ketone	ug/L	-/-	ND < 0.020	U	ANR	ANR
Fluoranthene	ug/L	-/-	ND < 0.089	U	ANR	ANR
Fluorene	ug/L	-/-	ND < 0.075	U	ANR	ANR
Heptachlor	ug/L	-/-	ND < 0.030	UJ (C)	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ND < 0.020	U	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ND < 0.13	U	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ND < 0.38	U	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ND < 1.8	U	ANR	ANR
Hexachloroethane	ug/L	-/-	ND < 0.51	U	ANR	ANR
Hydrazine	ug/L	-/-	ND < 0.39	U	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ND < 0.19	U	ANR	ANR
Isophorone	ug/L	-/-	ND < 0.059	U	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ND < 0.015	U	ANR	ANR
Methoxychlor	ug/L	-/-	ND < 0.035	U	ANR	ANR
Methylene Chloride	ug/L	-/-	ND < 0.48	U	ANR	ANR

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

OUTFALL 001 (South Slope below Perimeter Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/15/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Monomethyl Hydrazine	ug/L	-/-	ND < 1.2	U	ANR	ANR
m-Nitroaniline	ug/L	-/-	ND < 0.35	U	ANR	ANR
Naphthalene	ug/L	-/-	ND < 0.13	U	ANR	ANR
Nitrobenzene	ug/L	-/-	ND < 0.10	U	ANR	ANR
n-Nitrosodimethylamine	ug/L	16.3/8.1	ND < 0.22	UJ (*5,C)	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ND < 0.18	U	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ND < 0.077	U	ANR	ANR
o-Nitroaniline	ug/L	-/-	ND < 0.18	U	ANR	ANR
p-Cresol	ug/L	-/-	ND < 0.20	U	ANR	ANR
Pentachlorophenol	ug/L	16.5/8.2	ND < 0.78	U	ANR	ANR
Phenanthrene	ug/L	-/-	ND < 0.071	U	ANR	ANR
Phenol	ug/L	-/-	ND < 0.14	U	ANR	ANR
p-Nitroaniline	ug/L	-/-	ND < 0.49	UJ (C)	ANR	ANR
Pyrene	ug/L	-/-	ND < 0.059	U	ANR	ANR
Toxaphene	ug/L	-/-	ND < 1.5	U	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ND < 0.27	U	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ND < 0.24	U	ANR	ANR
Unsymmetrical Dimethyl Hydrazine	ug/L	-/-	ND < 0.27	U	ANR	ANR

**OUTFALL 001 (South Slope below Perimeter Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**February 1 through February 28, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/16/2005		2/17/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	ANR	ANR	ANR	ANR
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/20	ANR	ANR	ANR	ANR
Chloride	mg/L	150/-	ANR	ANR	ANR	ANR
Specific Conductivity (Lab)	umhos/cm	-/-	ANR	ANR	ANR	ANR
Surfactants (MBAS)	mg/L	0.5/-	ANR	ANR	ANR	ANR
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	ANR	ANR	ANR	ANR
Oil & Grease	mg/L	15/10	ANR	ANR	ANR	ANR
Perchlorate	ug/L	6.0/-	ANR	ANR	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	ANR	ANR	ANR	ANR
Total Settleable Solids	ml/L	0.3/0.1	ANR	ANR	ANR	ANR
Sulfate	mg/L	300/-	ANR	ANR	ANR	ANR
Temperature	deg. F	86/-	ANR	ANR	ANR	ANR
Total Cyanide	ug/L	8.5/4.3	ANR	ANR	ANR	ANR
Total Dissolved Solids	mg/L	950/-	ANR	ANR	ANR	ANR
Total Organic Carbon	mg/L	-/-	ANR	ANR	ANR	ANR
Total Residual Chlorine	mg/L	0.1/-	ANR	ANR	ANR	ANR
Total Suspended Solids	mg/L	45/15	ANR	ANR	ANR	ANR
Turbidity	NTU	-/-	ANR	ANR	ANR	ANR
Volume Discharged	MGD	160/-	1.01	*	0.88	*
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	15/-	ANR	ANR	ANR	ANR
Gross Beta	pCi/L	50/-	ANR	ANR	ANR	ANR
Strontium-90	pCi/L	8.0/-	ANR	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	20000/-	ANR	ANR	ANR	ANR
<b>METALS</b>						
Antimony	ug/L	6.0/-	ANR	ANR	ANR	ANR
Arsenic	ug/L	50/-	ANR	ANR	ANR	ANR
Barium	mg/L	1.0/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	4.0/-	ANR	ANR	ANR	ANR
Boron	mg/L	-/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	4.0/2.0	ANR	ANR	ANR	ANR
Calcium	mg/L	-/-	ANR	ANR	ANR	ANR
Chromium	ug/L	16.3/8.1	0.70	J* (DNQ)	0.90	J* (DNQ)
Chromium VI	ug/L	16.3/8.1	ANR	ANR	ANR	ANR
Cobalt	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	14.0/7.1	2.9	*	3.0	*
Iron	mg/L	0.3/-	ANR	ANR	ANR	ANR
Lead	ug/L	5.2/2.6	0.18	J* (DNQ)	0.23	J* (DNQ)
Manganese	ug/L	50/-	ANR	ANR	ANR	ANR
Magnesium	mg/L	-/-	ANR	ANR	ANR	ANR
Mercury	ug/L	0.10/0.05	ANR	ANR	ANR	ANR
Nickel	ug/L	96/35	ANR	ANR	ANR	ANR

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

**OUTFALL 001 (South Slope below Perimeter Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/16/2005		2/17/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Potassium	mg/L	-/-	ANR	ANR	ANR	ANR
Selenium	ug/L	8.2/4.1	ANR	ANR	ANR	ANR
Silver	ug/L	4.1/2.0	ANR	ANR	ANR	ANR
Sodium	mg/L	-/-	ANR	ANR	ANR	ANR
Thallium	ug/L	2.0/-	ANR	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	119/54	ND < 3.7	*	ND < 3.7	*
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ANR	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethene	ug/L	6.0/3.2	ANR	ANR	ANR	ANR
1,4-Dioxane	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Trichloroethene	ug/L	5.0/-	ANR	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl Chloride	ug/L	-/-	ANR	ANR	ANR	ANR
<b>TPH</b>						
EFH (C13 - C22)	ug/L	-/-	ANR	ANR	ANR	ANR
GRO (C4 - C12)	ug/L	-/-	ANR	ANR	ANR	ANR
TRPH	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,5-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	13.0/6.5	ANR	ANR	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR

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



OUTFALL 001 (South Slope below Perimeter Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/16/2005		2/17/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	18.3/9.1	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methylnaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloroaniline	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthylene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	0.03/0.01	ANR	ANR	ANR	ANR
Aniline	ug/L	-/-	ANR	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzoic acid	ug/L	-/-	ANR	ANR	ANR	ANR
Benzyl alcohol	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR

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

OUTFALL 001 (South Slope below Perimeter Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/16/2005		2/17/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-	ANR	ANR	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chronic Toxicity	TUC	1.0/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
Cyclohexane	ug/L	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzofuran	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin ketone	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Hydrazine	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methoxychlor	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR

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

OUTFALL 001 (South Slope below Perimeter Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/16/2005		2/17/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR	ANR
m-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	16.3/8.1	ANR	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
o-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	ANR
p-Cresol	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	16.5/8.2	ANR	ANR	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
p-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
Unsymmetrical Dimethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR	ANR

OUTFALL 001 (South Slope below Perimeter Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/18/2005		2/26/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	0.84	--	ND < 0.30	U
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/20	2.1	*	0.89	J* (DNQ)
Chloride	mg/L	150/-	3.6	*	7.9	*
Specific Conductivity (Lab)	umhos/cm	-/-	110	--	190	--
Surfactants (MBAS)	mg/L	0.5/-	0.11	RL-1, J* (DNQ)	ND < 0.044	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	0.50	*	0.40	*
Oil & Grease	mg/L	15/10	ND < 0.94	*	ND < 0.94	*
Perchlorate	ug/L	6.0/-	ND < 0.80	*	ND < 0.80	*
pH (Field)	pH units	6.5-8.5/-	7.29	*	6.8	*
Total Settleable Solids	ml/L	0.3/0.1	ND < 0.10	*	ND < 0.10	*
Sulfate	mg/L	300/-	8.7	*	18	*
Temperature	deg. F	86/-	57	--	55.4	--
Total Cyanide	ug/L	8.5/4.3	ND < 2.2	*	2.7	*
Total Dissolved Solids	mg/L	950/-	110	*	140	*
Total Organic Carbon	mg/L	-/-	ANR	ANR	ANR	ANR
Total Residual Chlorine	mg/L	0.1/-	ANR	ANR	ANR	ANR
Total Suspended Solids	mg/L	45/15	130	*	ND < 10	*
Turbidity	NTU	-/-	150	--	9.2	--
Volume Discharged	MGD	160/-	0.58	*	0.36	*
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	15/-	5.58± 1.9	J (R,Q)	0.976± 0.84	J (R,Q)
Gross Beta	pCi/L	50/-	ANR	ANR	ANR	ANR
Strontium-90	pCi/L	8.0/-	ANR	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	20000/-	ANR	ANR	ANR	ANR
<b>METALS</b>						
Antimony	ug/L	6.0/-	ANR	ANR	ANR	ANR
Arsenic	ug/L	50/-	ANR	ANR	ANR	ANR
Barium	mg/L	1.0/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	4.0/-	ANR	ANR	ANR	ANR
Boron	mg/L	-/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	4.0/2.0	ANR	ANR	ANR	ANR
Calcium	mg/L	-/-	12	--	15	--
Chromium	ug/L	16.3/8.1	12	--	2.8	J (DNQ)
Chromium VI	ug/L	16.3/8.1	ANR	ANR	ANR	ANR
Cobalt	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	14.0/7.1	4.6	*	2.5	*
Iron	mg/L	0.3/-	9.2	--	0.45	--
Lead	ug/L	5.2/2.6	5.1	--	0.35	J* (DNQ)
Manganese	ug/L	50/-	140	--	9.1	J (DNQ)
Magnesium	mg/L	-/-	4.5	--	4.7	--
Mercury	ug/L	0.10/0.05	ND < 0.063	*	ND < 0.063	*
Nickel	ug/L	96/35	ANR	ANR	ANR	ANR

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

OUTFALL 001 (South Slope below Perimeter Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/18/2005		2/26/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Potassium	mg/L	-/-	3.3	--	1.6	--
Selenium	ug/L	8.2/4.1	ANR	ANR	ANR	ANR
Silver	ug/L	4.1/2.0	ANR	ANR	ANR	ANR
Sodium	mg/L	-/-	6.6	--	12	--
Thallium	ug/L	2.0/-	ANR	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	119/54	ANR	ANR	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Chloroform	ug/L	-/-	ND < 0.33	U	ND < 0.33	U
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	U	ND < 0.27	U
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
1,1-Dichloroethene	ug/L	6.0/3.2	ND < 0.32	U	ND < 0.32	U
1,4-Dioxane	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ND < 0.25	U	ND < 0.25	U
Tetrachloroethene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
Toluene	ug/L	-/-	ND < 0.36	U	ND < 0.36	U
Xylenes (Total)	ug/L	-/-	ND < 0.52	U	ND < 0.52	U
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
Trichloroethene	ug/L	5.0/-	ND < 0.26	U	ND < 0.26	U
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	U	ND < 0.34	U
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl Chloride	ug/L	-/-	ND < 0.26	U	ND < 0.26	U
<b>TPH</b>						
BFH (C13 - C22)	ug/L	-/-	ANR	ANR	ANR	ANR
GRO (C4 - C12)	ug/L	-/-	ANR	ANR	ANR	ANR
TRPH	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,5-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	13.0/6.5	ND < 0.10	*	ND < 0.10	*
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR

See attached notes for abbreviations, definitions,  
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OUTFALL 001 (South Slope below Perimeter Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/18/2005		2/26/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	18.3/9.1	ND < 0.23	*	ND < 0.23	*
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methylnaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloroaniline	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthylene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	0.03/0.01	ND < 0.0010	*	ND < 0.0010	*
Aniline	ug/L	-/-	ANR	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzoic acid	ug/L	-/-	ANR	ANR	ANR	ANR
Benzyl alcohol	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR

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 and other explanations for the data presented.

OUTFALL 001 (South Slope below Perimeter Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

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ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/18/2005		2/26/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-	ND < 1.1	*	ND < 1.1	*
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chronic Toxicity	TUC	1.0/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
Cyclohexane	ug/L	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzofuran	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin ketone	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Hydrazine	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methoxychlor	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR

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OUTFALL 001 (South Slope below Perimeter Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/18/2005		2/26/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR	ANR
m-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	16.3/8.1	ND < 0.22	*	ND < 0.22	*
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
o-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	ANR
p-Cresol	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	16.5/8.2	ND < 0.78	*	ND < 0.78	*
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
p-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
Unsymmetrical Dimethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR	ANR

**OUTFALL 001 (South Slope below Perimeter Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
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**February 1 through February 28, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/28/2005	
			RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	ANR	ANR
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/20	ANR	ANR
Chloride	mg/L	150/-	ANR	ANR
Specific Conductivity (Lab)	umhos/cm	-/-	ANR	ANR
Surfactants (MBAS)	mg/L	0.5/-	ANR	ANR
Fluoride	mg/L	1.6/-	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	ANR	ANR
Oil & Grease	mg/L	15/10	ANR	ANR
Perchlorate	ug/L	6.0/-	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	ANR	ANR
Total Settleable Solids	ml/L	0.3/0.1	ANR	ANR
Sulfate	mg/L	300/-	ANR	ANR
Temperature	deg. F	86/-	ANR	ANR
Total Cyanide	ug/L	8.5/4.3	ANR	ANR
Total Dissolved Solids	mg/L	950/-	ANR	ANR
Total Organic Carbon	mg/L	-/-	ANR	ANR
Total Residual Chlorine	mg/L	0.1/-	ANR	ANR
Total Suspended Solids	mg/L	45/15	ANR	ANR
Turbidity	NTU	-/-	ANR	ANR
Volume Discharged	MGD	160/-	0.42	*
<b>RADIOACTIVITY</b>				
Gross Alpha	pCi/L	15/-	ANR	ANR
Gross Beta	pCi/L	50/-	ANR	ANR
Strontium-90	pCi/L	8.0/-	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	ANR	ANR
Tritium	pCi/L	20000/-	ANR	ANR
<b>METALS</b>				
Antimony	ug/L	6.0/-	ANR	ANR
Arsenic	ug/L	50/-	ANR	ANR
Barium	mg/L	1.0/-	ANR	ANR
Beryllium	ug/L	4.0/-	ANR	ANR
Boron	mg/L	-/-	ANR	ANR
Cadmium	ug/L	4.0/2.0	ANR	ANR
Calcium	mg/L	-/-	ANR	ANR
Chromium	ug/L	16.3/8.1	ANR	ANR
Chromium VI	ug/L	16.3/8.1	ANR	ANR
Cobalt	ug/L	-/-	ANR	ANR
Copper	ug/L	14.0/7.1	ANR	ANR
Iron	mg/L	0.3/-	ANR	ANR
Lead	ug/L	5.2/2.6	0.28	J* (DNQ)
Manganese	ug/L	50/-	ANR	ANR
Magnesium	mg/L	-/-	ANR	ANR
Mercury	ug/L	0.10/0.05	ANR	ANR
Nickel	ug/L	96/35	ANR	ANR

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OUTFALL 001 (South Slope below Perimeter Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

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ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/28/2005	
			RESULT	VALIDATION QUALIFIER
Potassium	mg/L	-/-	ANR	ANR
Selenium	ug/L	8.2/4.1	ANR	ANR
Silver	ug/L	4.1/2.0	ANR	ANR
Sodium	mg/L	-/-	ANR	ANR
Thallium	ug/L	2.0/-	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR
Zinc	ug/L	119/54	ANR	ANR
<b>ORGANICS</b>				
Benzene	ug/L	-/-	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR
1,1-Dichloroethene	ug/L	6.0/3.2	ANR	ANR
1,4-Dioxane	ug/L	-/-	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR
Trichloroethene	ug/L	5.0/-	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR
Vinyl Chloride	ug/L	-/-	ANR	ANR
<b>TPH</b>				
EFH (C13 - C22)	ug/L	-/-	ANR	ANR
GRO (C4 - C12)	ug/L	-/-	ANR	ANR
TRPH	ug/L	-/-	ANR	ANR
<b>ADDITIONAL ANALYTES</b>				
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ANR	ANR
2,4,5-Trichlorophenol	ug/L	-/-	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR
2,4,6-Trichlorophenol	ug/L	13.0/6.5	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR

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 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
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ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/28/2005	
			RESULT	VALIDATION QUALIFIER
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR
2,4-Dinitrotoluene	ug/L	18.3/9.1	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR
2-Methylnaphthalene	ug/L	-/-	ANR	ANR
2-Methylphenol	ug/L	-/-	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR
4-Chloroaniline	ug/L	-/-	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR
Acenaphthylene	ug/L	-/-	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR
alpha-BHC	ug/L	0.03/0.01	ANR	ANR
Aniline	ug/L	-/-	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR
Benzoic acid	ug/L	-/-	ANR	ANR
Benzyl alcohol	ug/L	-/-	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR

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



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FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
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February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/28/2005	
			RESULT	VALIDATION QUALIFIER
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR
Chronic Toxicity	TUC	1.0/-	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR
cis-1,2-Dichloroethene	ug/L	-/-	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR
Cyclohexane	ug/L	-/-	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR
Dibenzofuran	ug/L	-/-	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR
Endrin ketone	ug/L	-/-	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR
Hydrazine	ug/L	-/-	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR
Methoxychlor	ug/L	-/-	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR

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

OUTFALL 001 (South Slope below Perimeter Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/28/2005	
			RESULT	VALIDATION QUALIFIER
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR
m-Nitroaniline	ug/L	-/-	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR
n-Nitrosodimethylamine	ug/L	16.3/8.1	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR
o-Nitroaniline	ug/L	-/-	ANR	ANR
p-Cresol	ug/L	-/-	ANR	ANR
Pentachlorophenol	ug/L	16.5/8.2	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR
p-Nitroaniline	ug/L	-/-	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR
Unsymmetrical Dimethyl Hydrazine	ug/L	-/-	ANR	ANR

**OUTFALL 001 (South Slope below Perimeter Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**March 1 through March 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/5/2005		3/12/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	ND < 0.30	U	ND < 0.30	U
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/20	ND < 0.59	*	ND < 0.59	*
Chloride	mg/L	150/-	14	*	20	*
Specific Conductivity (Lab)	umhos/cm	-/-	270	--	420	--
Surfactants (MBAS)	mg/L	0.5/-	0.045	J* (DNQ)	ND < 0.044	M2*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	0.20	*	0.074	J* (DNQ)
Oil & Grease	mg/L	15/10	ND < 0.94	*	ND < 0.94	*
Perchlorate	ug/L	6.0/-	ND < 0.80	*	ND < 0.80	*
pH (Field)	pH units	6.5-8.5/-	7.2	*	7.7	*
Total Settleable Solids	ml/L	0.3/0.1	ND < 0.10	*	ND < 0.10	*
Sulfate	mg/L	300/-	33	*	63	*
Temperature	deg. F	86/-	54.1	*	59	*
Total Cyanide	ug/L	8.5/4.3	ND < 2.2	*	ND < 2.2	*
Total Dissolved Solids	mg/L	950/-	190	*	280	*
Total Organic Carbon	mg/L	-/-	ANR	ANR	ANR	ANR
Total Residual Chlorine	mg/L	0.1/-	ANR	ANR	ANR	ANR
Total Suspended Solids	mg/L	45/15	ND < 10	*	ND < 10	*
Turbidity	NTU	-/-	2.2	--	1.1	--
Volume Discharged	MGD	160/-	0.51	*	0.25	*
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	15/-	0.030± 0.55	UJ (R,Q)	-0.218± 0.71	UJ (R,Q)
Gross Beta	pCi/L	50/-	ANR	ANR	ANR	ANR
Strontium-90	pCi/L	8.0/-	ANR	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	20000/-	ANR	ANR	ANR	ANR
<b>METALS</b>						
Antimony	ug/L	6.0/-	ANR	ANR	ANR	ANR
Arsenic	ug/L	50/-	ANR	ANR	ANR	ANR
Barium	mg/L	1.0/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	4.0/-	ANR	ANR	ANR	ANR
Boron	mg/L	-/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	4.0/2.0	ANR	ANR	ANR	ANR
Calcium	mg/L	-/-	22	--	35	--
Chromium	ug/L	16.3/8.1	1.8	J (DNQ)	2.2	J (DNQ)
Chromium VI	ug/L	16.3/8.1	ANR	ANR	ANR	ANR
Cobalt	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	14.0/7.1	2.5	*	1.5	J* (DNQ)
Iron	mg/L	0.3/-	0.22	--	0.044	--
Lead	ug/L	5.2/2.6	0.20	J* (DNQ)	ND < 0.13	*
Manganese	ug/L	50/-	8.7	J (DNQ)	4.7	J (DNQ)
Magnesium	mg/L	-/-	7.5	--	13	--
Mercury	ug/L	0.10/0.05	ND < 0.063	*	ND < 0.063	*
Nickel	ug/L	96/35	ANR	ANR	ANR	ANR

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

OUTFALL 001 (South Slope below Perimeter Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/5/2005		3/12/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Potassium	mg/L	-/-	1.6	--	1.7	--
Selenium	ug/L	8.2/4.1	ANR	ANR	ANR	ANR
Silver	ug/L	4.1/2.0	ANR	ANR	ANR	ANR
Sodium	mg/L	-/-	17	--	26	--
Thallium	ug/L	2.0/-	ANR	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	119/54	ANR	ANR	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Chloroform	ug/L	-/-	ND < 0.33	U	ND < 0.33	U
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	U	ND < 0.27	U
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
1,1-Dichloroethene	ug/L	6.0/3.2	ND < 0.32	U	ND < 0.32	U
1,4-Dioxane	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ND < 0.25	U	ND < 0.25	U
Tetrachloroethene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
Toluene	ug/L	-/-	ND < 0.36	U	ND < 0.36	U
Xylenes (Total)	ug/L	-/-	ND < 0.52	U	ND < 0.52	U
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	UJ (C)
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
Trichloroethene	ug/L	5.0/-	ND < 0.26	U	ND < 0.26	U
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	UJ (C)	ND < 0.34	UJ (C)
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl Chloride	ug/L	-/-	ND < 0.26	U	ND < 0.26	U
<b>TPH</b>						
EFH (C13 - C22)	ug/L	-/-	ANR	ANR	ANR	ANR
GRO (C4 - C12)	ug/L	-/-	ANR	ANR	ANR	ANR
TRPH	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	13.0/6.5	ND < 0.10	*	ND < 0.10	*
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	18.3/9.1	ND < 0.23	*	ND < 0.23	*
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR

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

OUTFALL 001 (South Slope below Perimeter Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/5/2005		3/12/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	0.03/0.01	ND < 0.0010	*	ND < 0.0010	*
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-	1.4	B, J* (DNQ)	ND < 1.1	*
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chronic Toxicity	TUC	1.0/-	ANR	ANR	ANR	ANR

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

OUTFALL 001 (South Slope below Perimeter Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/5/2005		3/12/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
Cyclohexane	ug/L	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	16.3/8.1	ND < 0.22	*	ND < 0.22	*
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	16.5/8.2	ND < 0.78	*	ND < 0.78	*
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR



**OUTFALL 001 (South Slope below Perimeter Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**March 1 through March 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/19/2005		3/26/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	ND < 0.30	U	ND < 0.30	U
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/20	ND < 0.59	*	0.79	J* (DNQ)
Chloride	mg/L	150/-	28	*	14	*
Specific Conductivity (Lab)	umhos/cm	-/-	540	--	290	--
Surfactants (MBAS)	mg/L	0.5/-	ND < 0.044	*	0.063	J* (DNQ)
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	ND < 0.072	*	0.12	*
Oil & Grease	mg/L	15/10	ND < 0.94	*	ND < 0.94	*
Perchlorate	ug/L	6.0/-	ND < 0.80	*	ND < 0.80	*
pH (Field)	pH units	6.5-8.5/-	7.1	*	6.8	*
Total Settleable Solids	ml/L	0.3/0.1	ND < 0.10	*	ND < 0.10	*
Sulfate	mg/L	300/-	88	*	39	*
Temperature	deg. F	86/-	56.7	*	55.8	*
Total Cyanide	ug/L	8.5/4.3	ND < 2.2	*	ND < 2.2	*
Total Dissolved Solids	mg/L	950/-	310	*	200	*
Total Organic Carbon	mg/L	-/-	ANR	ANR	ANR	ANR
Total Residual Chlorine	mg/L	0.1/-	ANR	ANR	ANR	ANR
Total Suspended Solids	mg/L	45/15	ND < 10	*	ND < 10	*
Turbidity	NTU	-/-	0.61	J (DNQ)	5.1	--
Volume Discharged	MGD	160/-	0.29	*	0.33	*
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	15/-	ANR	ANR	ANR	ANR
Gross Beta	pCi/L	50/-	ANR	ANR	ANR	ANR
Strontium-90	pCi/L	8.0/-	ANR	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	20000/-	ANR	ANR	ANR	ANR
<b>METALS</b>						
Antimony	ug/L	6.0/-	ANR	ANR	ANR	ANR
Arsenic	ug/L	50/-	ANR	ANR	ANR	ANR
Barium	mg/L	1.0/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	4.0/-	ANR	ANR	ANR	ANR
Boron	mg/L	-/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	4.0/2.0	ANR	ANR	ANR	ANR
Calcium	mg/L	-/-	ANR	ANR	ANR	ANR
Chromium	ug/L	16.3/8.1	2.8	J* (DNQ)	ANR	ANR
Chromium VI	ug/L	16.3/8.1	ANR	ANR	ANR	ANR
Cobalt	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	14.0/7.1	1.9	J* (DNQ)	2.7	*
Iron	mg/L	0.3/-	0.071	*	0.42	--
Lead	ug/L	5.2/2.6	ND < 0.13	*	0.33	J* (DNQ)
Manganese	ug/L	50/-	5.8	B, J* (DNQ)	ANR	ANR
Magnesium	mg/L	-/-	ANR	ANR	ANR	ANR
Mercury	ug/L	0.10/0.05	ND < 0.063	*	ND < 0.063	*
Nickel	ug/L	96/35	ANR	ANR	ANR	ANR

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

OUTFALL 001 (South Slope below Perimeter Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/19/2005		3/26/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Potassium	mg/L	-/-	ANR	ANR	ANR	ANR
Selenium	ug/L	8.2/4.1	ANR	ANR	ANR	ANR
Silver	ug/L	4.1/2.0	ANR	ANR	ANR	ANR
Sodium	mg/L	-/-	ANR	ANR	ANR	ANR
Thallium	ug/L	2.0/-	ANR	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	119/54	ANR	ANR	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Chloroform	ug/L	-/-	ND < 0.33	U	ND < 0.33	U
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	U	ND < 0.27	U
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
1,1-Dichloroethene	ug/L	6.0/3.2	ND < 0.32	U	ND < 0.32	U
1,4-Dioxane	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ND < 0.25	U	ND < 0.25	U
Tetrachloroethene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
Toluene	ug/L	-/-	ND < 0.36	U	ND < 0.36	U
Xylenes (Total)	ug/L	-/-	ND < 0.52	U	ND < 0.52	U
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
Trichloroethene	ug/L	5.0/-	ND < 0.26	U	ND < 0.26	U
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	U	ND < 0.34	U
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl Chloride	ug/L	-/-	ND < 0.26	U	ND < 0.26	U
<b>TPH</b>						
EFH (C13 - C22)	ug/L	-/-	ANR	ANR	ANR	ANR
GRO (C4 - C12)	ug/L	-/-	ANR	ANR	ANR	ANR
TRPH	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	13.0/6.5	ND < 0.40	*	ND < 0.10	*
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	18.3/9.1	ND < 0.92	*	ND < 0.23	*
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR

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

OUTFALL 001 (South Slope below Perimeter Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/19/2005		3/26/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	0.03/0.01	ND < 0.0010	*	ND < 0.0010	*
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-	ND < 4.4	*	ND < 1.1	*
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chronic Toxicity	TUC	1.0/-	ANR	ANR	ANR	ANR

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

OUTFALL 001 (South Slope below Perimeter Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/19/2005		3/26/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
Cyclohexane	ug/L	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	16.3/8.1	ND < 0.88	*	ND < 0.22	*
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	16.5/8.2	ND < 3.1	*	ND < 0.78	*
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR

**OUTFALL 001 (South Slope below Perimeter Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY - ROCKEYDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date January 4, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	8.20E-07	5.00E-05	1.30E-05	J (DNQ)	0.01	1.30E-07	ND
1,2,3,4,6,7,8-HpCDF	8.20E-07	1.90E-06	ND	UJ (*10)	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	6.80E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	7.10E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	4.60E-07	5.00E-05	9.60E-07	J (DNQ)	0.1	9.60E-08	ND
1,2,3,6,7,8-HxCDD	6.90E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	4.00E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	7.20E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	3.90E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	6.00E-07	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	5.70E-07	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	5.90E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	4.20E-07	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	1.00E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	1.00E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	1.00E-06	1.00E-04	1.40E-04	--	0.0001	1.40E-08	1.40E-08
OCDF	7.80E-07	1.00E-04	1.10E-05	UJ (B)	0.0001	ND	ND
<b>TCDD TEQ w/ DNQ Values</b>						<b>2.40E-07</b>	
<b>TCDD TEQ w/out DNQ Values</b>							<b>1.40E-08</b>

Dioxin TCDD TEQ compliance limit established for this outfall?	Yes	TCDD TEQ PERMIT LIMIT = 2.80E-08
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See attached notes for abbreviations, definitions, and other explanations for the data presented in this table.

OUTFALL 001 (South Slope below Perimeter Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY - ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date January 11, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEQ	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	1.20E-06	5.00E-05	5.80E-06	UJ (B)	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	1.10E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	1.70E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.10E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	1.00E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	8.70E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	1.40E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.10E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	7.50E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	7.30E-07	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.60E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	8.70E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	8.60E-07	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	1.20E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	1.30E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	1.90E-06	1.00E-04	5.60E-05	J (DNQ)	0.0001	5.60E-09	ND
OCDF	1.70E-06	1.00E-04	7.10E-06	UJ (B)	0.0001	ND	ND

TCDD TEQ w/ DNQ Values	5.60E-09	ND
TCDD TEQ w/out DNQ Values		

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 001 (South Slope below Perimeter Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY - ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date January 18, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	1.00E-06	5.00E-05	3.00E-06	J (DNQ)	0.01	3.00E-08	ND
1,2,3,4,6,7,8-HpCDF	6.20E-07	1.30E-06	ND	UJ (*10)	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	6.60E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	3.30E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	2.10E-07	7.80E-07	ND	UJ (*10)	0.1	ND	ND
1,2,3,6,7,8-HxCDD	3.10E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	1.60E-07	4.60E-07	ND	UJ (*10)	0.1	ND	ND
1,2,3,7,8,9-HxCDD	3.50E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	2.40E-07	5.00E-05	3.50E-07	J (DNQ)	0.1	3.50E-08	ND
1,2,3,7,8-PeCDD	7.20E-07	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	2.90E-07	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	2.00E-07	5.00E-05	4.90E-07	J (DNQ)	0.1	4.90E-08	ND
2,3,4,7,8-PeCDF	2.10E-07	3.30E-07	ND	UJ (*10)	0.5	ND	ND
2,3,7,8-TCDD	8.60E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	6.10E-07	1.00E-05	ND	U	0.1	ND	ND
OCDD	5.80E-07	1.00E-04	1.80E-05	J (DNQ)	0.0001	1.80E-09	ND
OCDF	9.30E-07	1.00E-04	7.60E-06	UJ (B)	0.0001	ND	ND

TCDD TEQ w/ DNQ Values	TCDD TEQ w/out DNQ Values
1.16E-07	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 001 (South Slope below Perimeter Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY - ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date January 26, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	2.00E-06	5.00E-05	9.10E-06	J (DNQ)	0.01	9.10E-08	ND
1,2,3,4,6,7,8-HpCDF	1.50E-06	5.00E-05	6.60E-06	J (DNQ)	0.01	6.60E-08	ND
1,2,3,4,7,8,9-HpCDF	1.60E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.50E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	1.40E-06	1.50E-06	1.50E-06	UJ (*10)	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.60E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	1.30E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.30E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	9.60E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.50E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.80E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	8.60E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.30E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	2.30E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	1.90E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	2.50E-06	1.00E-04	4.50E-05	J (DNQ)	0.0001	4.50E-09	ND
OCDF	1.20E-06	1.00E-04	5.00E-05	J (DNQ)	0.0001	5.00E-09	ND

**TCDD TEQ w/ DNQ Values**

**TCDD TEQ w/out DNQ Values**

						1.67E-07	ND
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**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 001 (South Slope below Perimeter Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY - ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date February 11, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	7.48E-06	5.00E-05	4.98E-05	J (DNQ)	0.01	4.98E-07	ND
1,2,3,4,6,7,8-HpCDF	2.85E-06	5.00E-05	1.08E-05	J (DNQ)	0.01	1.08E-07	ND
1,2,3,4,7,8,9-HpCDF	1.71E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	2.42E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	2.03E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	2.41E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	1.47E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	2.88E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.90E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.89E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.64E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	1.51E-06	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.98E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	2.55E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	3.08E-04	1.00E-05	ND	U	0.1	ND	ND
OCDD	6.38E-06	1.00E-04	4.71E-04	--	0.0001	4.71E-08	4.71E-08
OCDF	2.58E-06	1.00E-04	3.49E-05	J (DNQ)	0.0001	3.49E-09	ND

TCDD TEQ w/ DNQ Values	TCDD TEQ w/out DNQ Values
6.57E-07	4.71E-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 001 (South Slope below Perimeter Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY - ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date February 18, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	5.00E-05	5.77E-05		0.01	5.77E-07	5.77E-07
1,2,3,4,6,7,8-HpCDF	0.00E+00	5.00E-05	1.09E-05	J (DNQ)	0.01	1.09E-07	ND
1,2,3,4,7,8,9-HpCDF	2.57E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	3.98E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	1.15E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	4.13E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	1.10E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	4.04E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.82E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.60E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	2.83E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	1.23E-06	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	2.55E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	1.45E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	1.94E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	1.00E-04	7.49E-04	--	0.0001	7.49E-08	7.49E-08
OCDF	0.00E+00	1.00E-04	3.25E-05	J (DNQ)	0.0001	3.25E-09	ND
<b>TCDD TEQ w/ DNQ Values</b>						<b>7.64E-07</b>	<b>6.52E-07</b>
<b>TCDD TEQ w/out DNQ Values</b>							

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 001 (South Slope below Perimeter Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY - ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date February 26, 2005

ANALYTE	LAB LOD (ug/L)	LAB KL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEL	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	5.00E-05	4.28E-06	J (DNQ)	0.01	4.28E-08	ND	
1,2,3,4,6,7,8-HpCDF	1.59E-06	5.00E-05	ND	U	0.01	ND	ND	
1,2,3,4,7,8,9-HpCDF	1.62E-06	5.00E-05	ND	U	0.01	ND	ND	
1,2,3,4,7,8-HxCDD	1.50E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,4,7,8-HxCDF	7.42E-07	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,6,7,8-HxCDD	1.59E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,6,7,8-HxCDF	6.90E-07	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8,9-HxCDD	1.54E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8,9-HxCDF	1.12E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8-PeCDD	9.21E-07	5.00E-05	ND	U	1	ND	ND	
1,2,3,7,8-PeCDF	1.73E-06	5.00E-05	ND	U	0.05	ND	ND	
2,3,4,6,7,8-HxCDF	7.78E-07	5.00E-05	ND	U	0.1	ND	ND	
2,3,4,7,8-PeCDF	1.59E-06	5.00E-05	ND	U	0.5	ND	ND	
2,3,7,8-TCDD	8.73E-07	1.00E-05	ND	U	1	ND	ND	
2,3,7,8-TCDF	1.04E-06	1.00E-05	ND	U	0.1	ND	ND	
OCDD	0.00E+00	1.00E-04	3.44E-05	J (DNQ)	0.0001	3.44E-09	ND	
OCDF	2.71E-06	1.00E-04	ND	U	0.0001	ND	ND	
<b>TCDD TEQ w/ DNQ Values</b>							<b>4.62E-08</b>	<b>ND</b>
<b>TCDD TEQ w/out DNQ Values</b>								

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 001 (South Slope below Perimeter Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY - ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date March 5, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	5.00E-05	2.54E-06	J (DNQ)	0.01	2.54E-08	ND
1,2,3,4,6,7,8-HpCDF	8.78E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	9.64E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.41E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	4.58E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.44E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	4.56E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.42E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	7.13E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	5.81E-07	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.53E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	5.09E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.28E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	1.09E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	9.86E-07	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	1.00E-04	1.40E-05	J (DNQ)	0.0001	1.40E-09	ND
OCDF	2.64E-06	1.00E-04	ND	U	0.0001	ND	ND

TCDD TEQ w/ DNQ Values	TCDD TEQ w/out DNQ Values
	2.68E-08
	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 001 (South Slope below Perimeter Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY - ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date March 12, 2005

ANALYTE	LAB LOD (ug/L)	LAB RE (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	2.48E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	9.16E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	9.58E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.53E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	5.12E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.50E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	5.00E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.51E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	8.41E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	9.66E-07	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	2.27E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	5.56E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	2.01E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	1.15E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	1.28E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	7.38E-06	ND	UJ (*10)	0.0001	ND	ND
OCDF	2.32E-06	1.00E-04	ND	U	0.0001	ND	ND
<b>TCDD TEQ w/ DNQ Values</b>							
						ND	ND
<b>TCDD TEQ w/out DNQ Values</b>							

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 001 (South Slope below Perimeter Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY - ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date March 19, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	2.14E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	6.21E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	7.32E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.24E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	4.33E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.23E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	4.21E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.23E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	7.34E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	7.02E-07	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.48E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	4.71E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.34E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	8.08E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	9.38E-07	1.00E-05	ND	U	0.1	ND	ND
OCDD	8.17E-06	1.00E-04	ND	U	0.0001	ND	ND
OCDF	2.35E-06	1.00E-04	ND	U	0.0001	ND	ND
<b>TCDD TEQ w/ DNQ Values</b>							
						ND	ND
<b>TCDD TEQ w/out DNQ Values</b>							
						ND	ND

Dioxin TCDD TEQ compliance limit established for this outfall? **Yes**

TCDD TEQ PERMIT LIMIT = 2.80E-08

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

**OUTFALL 001 (South Slope below Perimeter Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY - ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date March 26, 2005

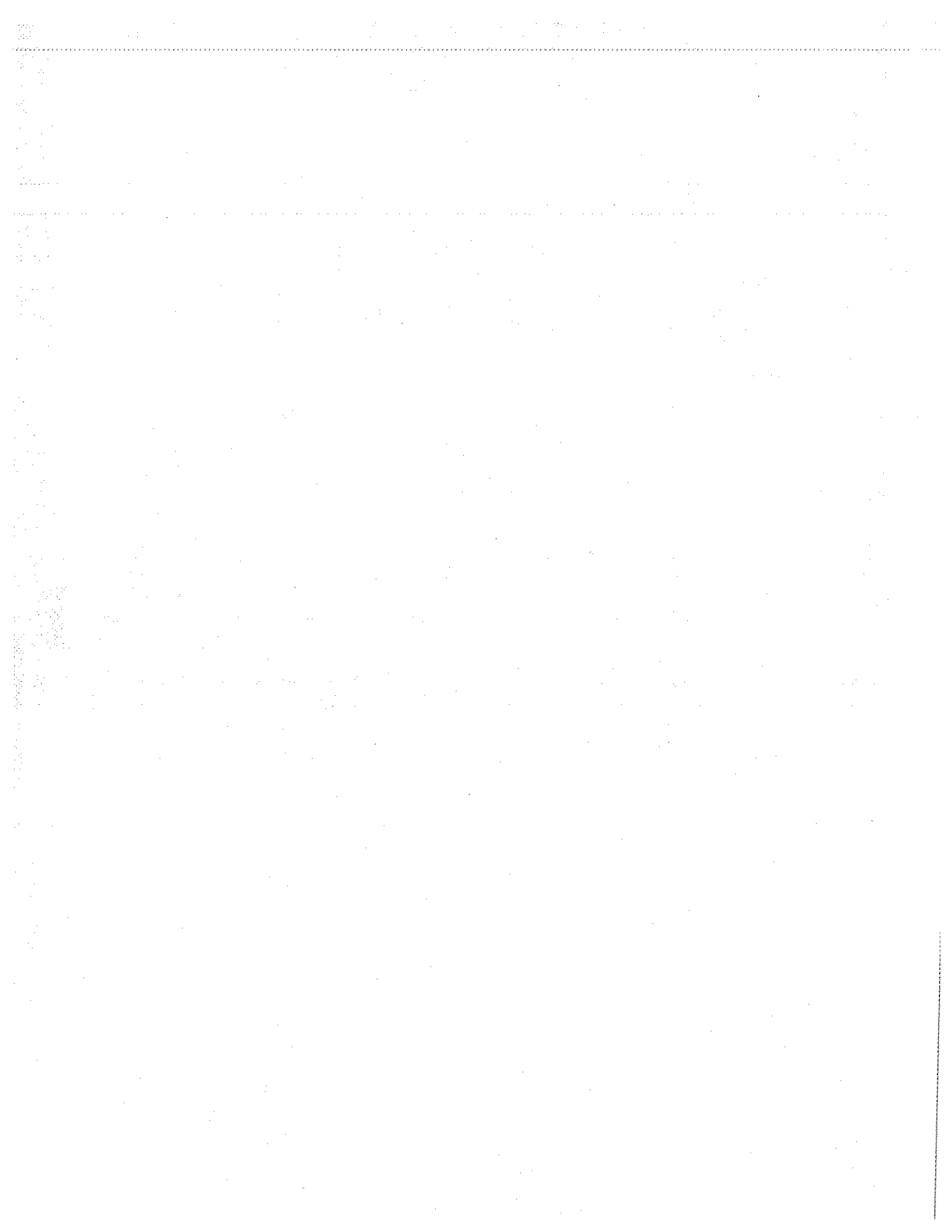
ANALYTE	LAB LOD (ug/L)	LAB RE (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	5.00E-05	4.95E-06	J (DNQ)	0.01	4.95E-08	ND
1,2,3,4,6,7,8-HpCDF	6.90E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	7.64E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.01E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	3.00E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.01E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	2.94E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	9.98E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	5.22E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	4.90E-07	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	8.09E-07	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	3.34E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	7.25E-07	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	6.09E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	4.02E-07	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	1.00E-04	5.39E-05	J (DNQ)	0.0001	5.39E-09	ND
OCDF	3.52E-06	1.00E-04	ND	U	0.0001	ND	ND

TCDD TEQ w/ DNQ Values	TCDD TEQ w/out DNQ Values
5.49E-08	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 002 (South Slope below R-2 Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**January 1 through January 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/4/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	ND < 0.30	U	ND < 0.30	U
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/20	1.3	J* (DNQ)	0.80	J* (DNQ)
Chloride	mg/L	150/-	12	*	8.2	*
Specific Conductivity (Lab)	umhos/cm	-/-	250	--	220	--
Surfactants (MBAS)	mg/L	0.5/-	ND < 4.4	U	ND < 0.044	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	1.7	*	1.4	*
Oil & Grease	mg/L	15/10	ND < 0.94	*	6.3	B*
Perchlorate	ug/L	6.0/-	ND < 0.80	*	ND < 0.80	*
pH (Field)	pH units	6.5-8.5/-	7.10	*	6.95	*
Total Settleable Solids	ml/L	0.3/0.1	ND < 0.10	*	ND < 0.10	*
Sulfate	mg/L	300/-	43	*	31	*
Temperature	deg. F	86/-	50.0	*	54.0	*
Total Cyanide	ug/L	8.5/4.3	ND < 2.2	*	ND < 2.2	*
Total Dissolved Solids	mg/L	950/-	200	*	180	*
Total Organic Carbon	mg/L	-/-	ANR	ANR	ANR	ANR
Total Residual Chlorine	mg/L	0.1/-	ANR	ANR	ANR	ANR
Total Suspended Solids	mg/L	45/15	ND < 10	*	14	*
Turbidity	NTU	-/-	9.8	--	19	--
Volume Discharged	MGD	160/-	1.23	*	2.42	*
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	15/-	ANR	ANR	ANR	ANR
Gross Beta	pCi/L	50/-	ANR	ANR	ANR	ANR
Strontium-90	pCi/L	8.0/-	ANR	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	20000/-	ANR	ANR	ANR	ANR
<b>METALS</b>						
Antimony	ug/L	6.0/-	ANR	ANR	ANR	ANR
Arsenic	ug/L	50/-	ANR	ANR	ANR	ANR
Barium	mg/L	1.0/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	4.0/-	ANR	ANR	ANR	ANR
Boron	mg/L	-/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	4.0/2.0	ANR	ANR	ANR	ANR
Chromium	ug/L	16.3/8.1	ANR	ANR	ANR	ANR
Chromium VI	ug/L	16.3/8.1	ANR	ANR	ANR	ANR
Cobalt	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	14.0/7.1	3.5	*	4.0	*
Iron	mg/L	0.3/-	ANR	ANR	ANR	ANR
Lead	ug/L	5.2/2.6	1.2	*	0.68	J* (DNQ)
Manganese	ug/L	50/-	ANR	ANR	ANR	ANR
Mercury	ug/L	0.10/0.05	0.16	J* (DNQ)	0.094	J* (DNQ)
Nickel	ug/L	96/35	ANR	ANR	ANR	ANR
Selenium	ug/L	8.2/4.1	ANR	ANR	ANR	ANR
Silver	ug/L	4.1/2.0	ANR	ANR	ANR	ANR

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

**OUTFALL 002 (South Slope below R-2 Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/4/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Thallium	ug/L	2.0/-	ANR	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	119/54	ANR	ANR	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Chloroform	ug/L	-/-	ND < 0.33	U	ND < 0.33	U
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	U	ND < 0.27	U
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
1,1-Dichloroethene	ug/L	6.0/3.2	ND < 0.32	U	ND < 0.32	U
1,4-Dioxane	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ND < 0.25	U	ND < 0.25	U
Tetrachloroethene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
Toluene	ug/L	-/-	ND < 0.36	U	ND < 0.36	U
Xylenes (Total)	ug/L	-/-	ND < 0.52	U	ND < 0.52	U
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
Trichloroethene	ug/L	5.0/-	1.0	J (DNQ)	0.95	J (DNQ)
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	U	ND < 0.34	U
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl Chloride	ug/L	-/-	ND < 0.26	U	ND < 0.26	U
<b>TPH</b>						
BFH (C13 - C22)	ug/L	-/-	ANR	ANR	ANR	ANR
GRO (C4 - C12)	ug/L	-/-	ANR	ANR	ANR	ANR
TRPH	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	13.0/6.5	ND < 0.10	*	ND < 0.10	*
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	18.3/9.1	ND < 0.23	*	ND < 0.23	*
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR

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



**OUTFALL 002 (South Slope below R-2 Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**January 1 through January 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/4/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	0.03/0.01	ND < 0.00049	*	ND < 0.00049	*
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-	ND < 1.1	*	ND < 1.1	*
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chronic Toxicity	TUC	1.0/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
Cyclohexane	ug/L	-/-	ANR	ANR	ANR	ANR

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

OUTFALL 002 (South Slope below R-2 Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/4/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	16.3/8.1	ND < 0.22	*	ND < 0.22	*
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	16.5/8.2	ND < 0.78	*	ND < 0.78	*
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR

**OUTFALL 002 (South Slope below R-2 Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/18/2005		1/21/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	ND < 0.30	U	ANR	ANR
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/20	ND < 0.59	*	ANR	ANR
Chloride	mg/L	150/-	30	*	ANR	ANR
Specific Conductivity (Lab)	umhos/cm	-/-	750	--	ANR	ANR
Surfactants (MBAS)	mg/L	0.5/-	0.060	J* (DNQ)	ANR	ANR
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	0.84	*	ANR	ANR
Oil & Grease	mg/L	15/10	1.2	B, J* (DNQ)	ANR	ANR
Perchlorate	ug/L	6.0/-	ND < 0.80	*	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	7.60	*	ANR	ANR
Total Settleable Solids	ml/L	0.3/0.1	ND < 0.10	*	ANR	ANR
Sulfate	mg/L	300/-	190	*	ANR	ANR
Temperature	deg. F	86/-	56.3	*	ANR	ANR
Total Cyanide	ug/L	8.5/4.3	ND < 2.2	M2*	ANR	ANR
Total Dissolved Solids	mg/L	950/-	480	*	ANR	ANR
Total Organic Carbon	mg/L	-/-	ANR	ANR	ANR	ANR
Total Residual Chlorine	mg/L	0.1/-	ANR	ANR	ANR	ANR
Total Suspended Solids	mg/L	45/15	ND < 10	*	ANR	ANR
Turbidity	NTU	-/-	1.5	--	ANR	ANR
Volume Discharged	MGD	160/-	0.33	*	0.2	*
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	15/-	ANR	ANR	ANR	ANR
Gross Beta	pCi/L	50/-	ANR	ANR	ANR	ANR
Strontium-90	pCi/L	8.0/-	ANR	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	20000/-	ANR	ANR	ANR	ANR
<b>METALS</b>						
Antimony	ug/L	6.0/-	ANR	ANR	ANR	ANR
Arsenic	ug/L	50/-	ANR	ANR	ANR	ANR
Barium	mg/L	1.0/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	4.0/-	ANR	ANR	ANR	ANR
Boron	mg/L	-/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	4.0/2.0	ANR	ANR	ANR	ANR
Chromium	ug/L	16.3/8.1	ANR	ANR	ANR	ANR
Chromium VI	ug/L	16.3/8.1	ANR	ANR	ANR	ANR
Cobalt	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	14.0/7.1	3.6	*	ANR	ANR
Iron	mg/L	0.3/-	ANR	ANR	ANR	ANR
Lead	ug/L	5.2/2.6	0.22	J* (DNQ)	ANR	ANR
Manganese	ug/L	50/-	ANR	ANR	ANR	ANR
Mercury	ug/L	0.10/0.05	0.23	--	ND < 0.063	*
Nickel	ug/L	96/35	ANR	ANR	ANR	ANR
Selenium	ug/L	8.2/4.1	ANR	ANR	ANR	ANR
Silver	ug/L	4.1/2.0	ANR	ANR	ANR	ANR

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

OUTFALL 002 (South Slope below R-2 Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/18/2005		1/21/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Thallium	ug/L	2.0/-	ANR	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	119/54	ANR	ANR	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ND < 0.28	U	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U	ANR	ANR
Chloroform	ug/L	-/-	ND < 0.33	U	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	U	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	U	ANR	ANR
1,1-Dichloroethene	ug/L	6.0/3.2	ND < 0.32	U	ANR	ANR
1,4-Dioxane	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ND < 0.25	U	ANR	ANR
Tetrachloroethene	ug/L	-/-	ND < 0.32	U	ANR	ANR
Toluene	ug/L	-/-	ND < 0.36	U	ANR	ANR
Xylenes (Total)	ug/L	-/-	ND < 0.52	U	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
Trichloroethene	ug/L	5.0/-	ND < 0.26	U	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	U	ANR	ANR
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl Chloride	ug/L	-/-	ND < 0.26	U	ANR	ANR
<b>TPH</b>						
EFH (C13 - C22)	ug/L	-/-	ANR	ANR	ANR	ANR
GRO (C4 - C12)	ug/L	-/-	ANR	ANR	ANR	ANR
TRPH	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	13.0/6.5	ND < 0.10	*	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	18.3/9.1	ND < 0.23	*	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 002 (South Slope below R-2 Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/18/2005		1/21/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	0.03/0.01	ND < 0.00049	*	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-	ND < 1.1	*	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chronic Toxicity	TUC	1.0/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
Cyclohexane	ug/L	-/-	ANR	ANR	ANR	ANR

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

OUTFALL 002 (South Slope below R-2 Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/18/2005		1/21/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	16.3/8.1	ND < 0.22	*	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	16.5/8.2	ND < 0.78	*	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR

**OUTFALL 002 (South Slope below R-2 Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/26/2005	
			RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	ND < 0.30	U
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/20	ND < 0.59	*
Chloride	mg/L	150/-	39	*
Specific Conductivity (Lab)	umhos/cm	-/-	1000	--
Surfactants (MBAS)	mg/L	0.5/-	0.046	*(DNQ)
Fluoride	mg/L	1.6/-	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	0.32	*
Oil & Grease	mg/L	15/10	1.7	*(DNQ)
Perchlorate	ug/L	6.0/-	ND < 0.80	*
pH (Field)	pH units	6.5-8.5/-	7.95	*
Total Settleable Solids	ml/L	0.3/0.1	ND < 0.10	*
Sulfate	mg/L	300/-	270	*
Temperature	deg. F	86/-	57.9	*
Total Cyanide	ug/L	8.5/4.3	ND < 2.2	*
Total Dissolved Solids	mg/L	950/-	660	*
Total Organic Carbon	mg/L	-/-	ANR	ANR
Total Residual Chlorine	mg/L	0.1/-	ANR	ANR
Total Suspended Solids	mg/L	45/15	ND < 10	*
Turbidity	NTU	-/-	4.2	--
Volume Discharged	MGD	160/-	0.14	*
<b>RADIOACTIVITY</b>				
Gross Alpha	pCi/L	15/-	ANR	ANR
Gross Beta	pCi/L	50/-	ANR	ANR
Strontium-90	pCi/L	8.0/-	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	ANR	ANR
Tritium	pCi/L	20000/-	ANR	ANR
<b>METALS</b>				
Antimony	ug/L	6.0/-	ANR	ANR
Arsenic	ug/L	50/-	ANR	ANR
Barium	mg/L	1.0/-	ANR	ANR
Beryllium	ug/L	4.0/-	ANR	ANR
Boron	mg/L	-/-	ANR	ANR
Cadmium	ug/L	4.0/2.0	ANR	ANR
Chromium	ug/L	16.3/8.1	ANR	ANR
Chromium VI	ug/L	16.3/8.1	ANR	ANR
Cobalt	ug/L	-/-	ANR	ANR
Copper	ug/L	14.0/7.1	2.1	*
Iron	mg/L	0.3/-	ANR	ANR
Lead	ug/L	5.2/2.6	ND < 0.13	*
Manganese	ug/L	50/-	ANR	ANR
Mercury	ug/L	0.10/0.05	0.13	*(DNQ)
Nickel	ug/L	96/35	ANR	ANR
Selenium	ug/L	8.2/4.1	ANR	ANR
Silver	ug/L	4.1/2.0	ANR	ANR

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



**OUTFALL 002 (South Slope below R-2 Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/26/2005	
			RESULT	VALIDATION QUALIFIER
Thallium	ug/L	2.0/-	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR
Zinc	ug/L	119/54	ANR	ANR
<b>ORGANICS</b>				
Benzene	ug/L	-/-	ND < 0.28	U
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U
Chloroform	ug/L	-/-	ND < 0.33	U
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	U
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	UJ (C)
1,1-Dichloroethene	ug/L	6.0/3.2	ND < 0.32	U
1,4-Dioxane	ug/L	-/-	ANR	ANR
Ethylbenzene	ug/L	-/-	ND < 0.25	U
Tetrachloroethene	ug/L	-/-	ND < 0.32	U
Toluene	ug/L	-/-	ND < 0.36	U
Xylenes (Total)	ug/L	-/-	ND < 0.52	U
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	UJ (C)
Trichloroethene	ug/L	5.0/-	ND < 0.26	U
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	U
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR
Vinyl Chloride	ug/L	-/-	ND < 0.26	U
<b>TPH</b>				
EFH (C13 - C22)	ug/L	-/-	ANR	ANR
GRO (C4 - C12)	ug/L	-/-	ANR	ANR
TRPH	ug/L	-/-	ANR	ANR
<b>ADDITIONAL ANALYTES</b>				
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	-/-	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR
2,4,6-Trichlorophenol	ug/L	13.0/6.5	ND < 0.10	*
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR
2,4-Dinitrotoluene	ug/L	18.3/9.1	ND < 0.23	*
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR

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

**OUTFALL 002 (South Slope below R-2 Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/26/2005	
			RESULT	VALIDATION QUALIFIER
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR
alpha-BHC	ug/L	0.03/0.01	ND < 0.00049	*
Anthracene	ug/L	-/-	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-	ND < 1.1	*
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR
Chronic Toxicity	TUC	1.0/-	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR
cis-1,2-Dichloroethene	ug/L	-/-	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR
Cyclohexane	ug/L	-/-	ANR	ANR

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

**OUTFALL 002 (South Slope below R-2 Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/26/2005	
			RESULT	VALIDATION QUALIFIER
delta-BHC	ug/L	-/-	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR
n-Nitrosodimethylamine	ug/L	16.3/8.1	ND < 0.22	*
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR
Pentachlorophenol	ug/L	16.5/8.2	ND < 0.78	*
Phenanthrene	ug/L	-/-	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR

**OUTFALL 002 (South Slope below R-2 Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**February 1 through February 28, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/4/2005		2/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	ND < 0.30	U	0.56	--
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/20	0.69	J* (DNQ)	2.2	*
Chloride	mg/L	150/-	44	*	31	*
Specific Conductivity (Lab)	umhos/cm	-/-	1100	--	790	--
Surfactants (MBAS)	mg/L	0.5/-	ND < 0.044	*	0.093	RL-1, J* (DNQ)
Fluoride	mg/L	1.6/-	0.45	B, J* (DNQ)	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	0.090	J* (DNQ)	0.62	*
Oil & Grease	mg/L	15/10	ND < 0.94	*	ND < 0.94	*
Perchlorate	ug/L	6.0/-	ND < 0.80	*	ND < 0.80	*
pH (Field)	pH units	6.5-8.5/-	7.8	*	7.61	*
Total Settleable Solids	ml/L	0.3/0.1	ND < 0.10	*	ND < 0.10	*
Sulfate	mg/L	300/-	310	--	250	*
Temperature	deg. F	86/-	58	*	54.3	*
Total Cyanide	ug/L	8.5/4.3	ND < 2.2	*	ND < 2.2	*
Total Dissolved Solids	mg/L	950/-	760	*	740	*
Total Organic Carbon	mg/L	-/-	4.7	--	ANR	ANR
Total Residual Chlorine	mg/L	0.1/-	ND < 0.10	*	ANR	ANR
Total Suspended Solids	mg/L	45/15	ND < 10	*	58	*
Turbidity	NTU	-/-	0.62	J (DNQ)	81	--
Volume Discharged	MGD	160/-	0.39	*	2.22	*
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	15/-	0.865 /±2.9	UJ (H,R,Q)	ANR	ANR
Gross Beta	pCi/L	50/-	4.17 /±3.4	UJ (H)	ANR	ANR
Strontium-90	pCi/L	8.0/-	0.010 /±0.22	UJ (*1)	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	20000/-	5.86 /±90	UJ (*1)	ANR	ANR
<b>METALS</b>						
Antimony	ug/L	6.0/-	ND < 0.18	*	ANR	ANR
Arsenic	ug/L	50/-	ND < 3.8	*	ANR	ANR
Barium	mg/L	1.0/-	0.063	*	ANR	ANR
Beryllium	ug/L	4.0/-	ND < 0.62	*	ANR	ANR
Boron	mg/L	-/-	0.11	--	ANR	ANR
Cadmium	ug/L	4.0/2.0	0.025	J* (DNQ)	ANR	ANR
Chromium	ug/L	16.3/8.1	1.4	J* (DNQ)	ANR	ANR
Chromium VI	ug/L	16.3/8.1	ANR	ANR	ANR	ANR
Cobalt	ug/L	-/-	ND < 0.89	*	ANR	ANR
Copper	ug/L	14.0/7.1	1.8	J* (DNQ)	2.7	*
Iron	mg/L	0.3/-	0.016	J* (DNQ)	ANR	ANR
Lead	ug/L	5.2/2.6	ND < 0.13	*	1.2	*
Manganese	ug/L	50/-	41	*	ANR	ANR
Mercury	ug/L	0.10/0.05	0.11	J* (DNQ)	0.13	J* (DNQ)
Nickel	ug/L	96/35	ND < 2.0	*	ANR	ANR
Selenium	ug/L	8.2/4.1	0.90	J* (DNQ)	ANR	ANR
Silver	ug/L	4.1/2.0	ND < 0.089	*	ANR	ANR

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

**OUTFALL 002 (South Slope below R-2 Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/4/2005		2/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Thallium	ug/L	2.0/-	ND < 0.075	*	ANR	ANR
Vanadium	ug/L	-/-	ND < 1.4	U	ANR	ANR
Zinc	ug/L	119/54	ND < 3.7	*	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Chloroform	ug/L	-/-	ND < 0.33	U	ND < 0.33	U
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	U	ND < 0.27	U
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
1,1-Dichloroethene	ug/L	6.0/3.2	ND < 0.32	U	ND < 0.32	U
1,4-Dioxane	ug/L	-/-	ND < 0.49	U	ANR	ANR
Ethylbenzene	ug/L	-/-	ND < 0.25	U	ND < 0.25	U
Tetrachloroethene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
Toluene	ug/L	-/-	ND < 0.36	U	ND < 0.36	U
Xylenes (Total)	ug/L	-/-	ND < 0.52	U	ND < 0.52	U
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
Trichloroethene	ug/L	5.0/-	ND < 0.26	U	ND < 0.26	U
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	U	ND < 0.34	U
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ND < 1.2	U	ANR	ANR
Vinyl Chloride	ug/L	-/-	ND < 0.26	U	ND < 0.26	U
<b>TPH</b>						
EPH (C13 - C22)	ug/L	-/-	ND < 0.082	U	ANR	ANR
GRO (C4 - C12)	ug/L	-/-	ND < 0.050	U	ANR	ANR
TRPH	ug/L	-/-	ND < 0.31	U	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ND < 2.5	UJ (*11)	ANR	ANR
2,4,5-Trichlorophenol	ug/L	-/-	ND < 0.075	U	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ND < 0.24	U	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ND < 0.10	U	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ND < 0.32	U	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ND < 0.11	U	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ND < 0.35	U	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ND < 0.087	U	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ND < 0.13	U	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ND < 0.35	U	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ND < 0.37	U	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ND < 0.050	U	ANR	ANR
2,4,6-Trichlorophenol	ug/L	13.0/6.5	ND < 0.10	U	ND < 0.10	*
2,4-Dichlorophenol	ug/L	-/-	ND < 0.21	U	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ND < 0.31	U	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ND < 2.7	UJ (C)	ANR	ANR
2,4-Dinitrotoluene	ug/L	18.3/9.1	ND < 0.23	U	ND < 0.23	*
2,6-Dinitrotoluene	ug/L	-/-	ND < 0.24	U	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ND < 1.3	UJ (C)	ANR	ANR

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

OUTFALL 002 (South Slope below R-2 Pond)

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 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

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ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/4/2005		2/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
2-Chloronaphthalene	ug/L	-/-	ND < 0.059	U	ANR	ANR
2-Chlorophenol	ug/L	-/-	ND < 0.12	U	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ND < 0.38	U	ANR	ANR
2-Methylnaphthalene	ug/L	-/-	ND < 0.13	U	ANR	ANR
2-Methylphenol	ug/L	-/-	ND < 0.28	U	ANR	ANR
2-Nitrophenol	ug/L	-/-	ND < 0.23	U	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ND < 0.93	U	ANR	ANR
4,4'-DDD	ug/L	-/-	ND < 0.011	U	ANR	ANR
4,4'-DDE	ug/L	-/-	ND < 0.017	U	ANR	ANR
4,4'-DDT	ug/L	-/-	ND < 0.015	UJ (C)	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ND < 0.12	U	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ND < 0.34	U	ANR	ANR
4-Chloroaniline	ug/L	-/-	ND < 0.20	U	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ND < 0.056	U	ANR	ANR
4-Nitrophenol	ug/L	-/-	ND < 6.6	UJ (C)	ANR	ANR
Acenaphthene	ug/L	-/-	ND < 0.10	U	ANR	ANR
Acenaphthylene	ug/L	-/-	ND < 0.10	U	ANR	ANR
Acrolein	ug/L	-/-	ND < 4.6	UJ (C)	ANR	ANR
Acrylonitrile	ug/L	-/-	ND < 5.1	UJ (C)	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	100	*	ANR	ANR
Aldrin	ug/L	-/-	ND < 0.029	U	ANR	ANR
alpha-BHC	ug/L	0.03/0.01	ND < 0.00049	U	ND < 0.0010	*
Aniline	ug/L	-/-	ND < 2.9	U	ANR	ANR
Anthracene	ug/L	-/-	ND < 0.083	U	ANR	ANR
Aroclor-1016	ug/L	-/-	ND < 0.067	U	ANR	ANR
Aroclor-1221	ug/L	-/-	ND < 0.057	U	ANR	ANR
Aroclor-1232	ug/L	-/-	ND < 0.13	U	ANR	ANR
Aroclor-1242	ug/L	-/-	ND < 0.12	U	ANR	ANR
Aroclor-1248	ug/L	-/-	ND < 0.21	U	ANR	ANR
Aroclor-1254	ug/L	-/-	ND < 0.16	U	ANR	ANR
Aroclor-1260	ug/L	-/-	ND < 0.17	U	ANR	ANR
Benzidine	ug/L	-/-	ND < 5.2	R (L)	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ND < 0.038	U	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ND < 0.14	U	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ND < 0.050	U	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ND < 0.059	U	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ND < 0.053	U	ANR	ANR
Benzoic acid	ug/L	-/-	ND < 3.7	UJ (C)	ANR	ANR
Benzyl alcohol	ug/L	-/-	ND < 0.21	U	ANR	ANR
beta-BHC	ug/L	-/-	ND < 0.011	U	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ND < 0.084	U	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-	ND < 1.1	U	ND < 1.1	*
bis(2-Chloroethoxy) methane	ug/L	-/-	ND < 0.072	U	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ND < 0.11	U	ANR	ANR
Bromodichloromethane	ug/L	-/-	ND < 0.30	U	ANR	ANR

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SANTA SUSANA FIELD LABORATORY  
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ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/4/2005		2/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Bromoform	ug/L	-/-	ND < 0.32	U	ANR	ANR
Bromomethane	ug/L	-/-	ND < 0.34	U	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ND < 0.34	U	ANR	ANR
Chlordane	ug/L	-/-	ND < 0.18	U	ANR	ANR
Chlorobenzene	ug/L	-/-	ND < 0.36	U	ANR	ANR
Chloroethane	ug/L	-/-	ND < 0.33	U	ANR	ANR
Chloromethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
Chronic Toxicity	TUC	1.0/-	1.0	*	ANR	ANR
Chrysene	ug/L	-/-	ND < 0.072	U	ANR	ANR
cis-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ND < 0.22	U	ANR	ANR
Cyclohexane	ug/L	-/-	ND < 2.5	UJ (*11)	ANR	ANR
delta-BHC	ug/L	-/-	ND < 0.010	U	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ND < 0.083	U	ANR	ANR
Dibenzofuran	ug/L	-/-	ND < 0.075	U	ANR	ANR
Dibromochloromethane	ug/L	-/-	ND < 0.28	U	ANR	ANR
Dieldrin	ug/L	-/-	ND < 0.010	U	ANR	ANR
Diethylphthalate	ug/L	-/-	ND < 0.12	U	ANR	ANR
Dimethylphthalate	ug/L	-/-	ND < 0.081	U	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ND < 0.26	U	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ND < 0.17	U	ANR	ANR
Endosulfan I	ug/L	-/-	ND < 0.015	U	ANR	ANR
Endosulfan II	ug/L	-/-	ND < 0.037	U	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ND < 0.013	U	ANR	ANR
Endrin	ug/L	-/-	ND < 0.0082	U	ANR	ANR
Endrin aldehyde	ug/L	-/-	ND < 0.045	U	ANR	ANR
Endrin ketone	ug/L	-/-	ND < 0.020	U	ANR	ANR
Fluoranthene	ug/L	-/-	ND < 0.089	U	ANR	ANR
Fluorene	ug/L	-/-	ND < 0.075	U	ANR	ANR
Heptachlor	ug/L	-/-	ND < 0.030	U	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ND < 0.012	U	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ND < 0.13	U	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ND < 0.38	U	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ND < 1.8	U	ANR	ANR
Hexachloroethane	ug/L	-/-	ND < 0.51	U	ANR	ANR
Hydrazine	ug/L	-/-	ND < 0.39	U	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ND < 0.19	U	ANR	ANR
Isophorone	ug/L	-/-	ND < 0.059	U	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ND < 0.0097	U	ANR	ANR
Methoxychlor	ug/L	-/-	ND < 0.034	UJ (C)	ANR	ANR
Methylene Chloride	ug/L	-/-	ND < 0.48	U	ANR	ANR
Monomethyl Hydrazine	ug/L	-/-	ND < 1.2	U	ANR	ANR
m-Nitroaniline	ug/L	-/-	ND < 0.35	U	ANR	ANR
Naphthalene	ug/L	-/-	ND < 0.13	U	ANR	ANR
Nitrobenzene	ug/L	-/-	ND < 0.10	U	ANR	ANR

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ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/4/2005		2/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
n-Nitrosodimethylamine	ug/L	16.3/8.1	ND < 0.22	U	ND < 0.22	C*
n-Nitroso-di-n-propylamine	ug/L	-/-	ND < 0.18	U	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ND < 0.077	U	ANR	ANR
o-Nitroaniline	ug/L	-/-	ND < 0.18	U	ANR	ANR
p-Cresol	ug/L	-/-	ND < 0.20	U	ANR	ANR
Pentachlorophenol	ug/L	16.5/8.2	ND < 0.78	U	ND < 0.78	*
Phenanthrene	ug/L	-/-	ND < 0.071	U	ANR	ANR
Phenol	ug/L	-/-	ND < 0.14	U	ANR	ANR
p-Nitroaniline	ug/L	-/-	ND < 0.49	U	ANR	ANR
Pyrene	ug/L	-/-	ND < 0.059	U	ANR	ANR
Toxaphene	ug/L	-/-	ND < 0.77	U	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ND < 0.27	U	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ND < 0.24	U	ANR	ANR
Unsymmetrical Dimethyl Hydrazine	ug/L	-/-	ND < 0.27	U	ANR	ANR

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ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/18/2005		2/25/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	0.84	--	ND < 0.30	U
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/20	2.9	*	ND < 0.59	*
Chloride	mg/L	150/-	18	*	20	*
Specific Conductivity (Lab)	umhos/cm	-/-	440	--	680	--
Surfactants (MBAS)	mg/L	0.5/-	0.14	RL-1, J* (DNQ)	0.056	J* (DNQ)
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	0.52	*	0.92	*
Oil & Grease	mg/L	15/10	ND < 0.94	*	ND < 0.94	*
Perchlorate	ug/L	6.0/-	ND < 0.80	*	ND < 0.80	*
pH (Field)	pH units	6.5-8.5/-	8.15	*	7.7	*
Total Settleable Solids	ml/L	0.3/0.1	1.0	*	ND < 0.10	*
Sulfate	mg/L	300/-	82	*	160	*
Temperature	deg. F	86/-	57.7	*	57.6	*
Total Cyanide	ug/L	8.5/4.3	ND < 2.2	*	ND < 2.2	*
Total Dissolved Solids	mg/L	950/-	300	*	450	*
Total Organic Carbon	mg/L	-/-	ANR	ANR	ANR	ANR
Total Residual Chlorine	mg/L	0.1/-	ANR	ANR	ANR	ANR
Total Suspended Solids	mg/L	45/15	110	*	ND < 10	*
Turbidity	NTU	-/-	120	--	3.9	--
Volume Discharged	MGD	160/-	14.52	*	1.7	*
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	15/-	ANR	ANR	ANR	ANR
Gross Beta	pCi/L	50/-	ANR	ANR	ANR	ANR
Strontium-90	pCi/L	8.0/-	ANR	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	20000/-	ANR	ANR	ANR	ANR
<b>METALS</b>						
Antimony	ug/L	6.0/-	ANR	ANR	ANR	ANR
Arsenic	ug/L	50/-	ANR	ANR	ANR	ANR
Barium	mg/L	1.0/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	4.0/-	ANR	ANR	ANR	ANR
Boron	mg/L	-/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	4.0/2.0	ANR	ANR	ANR	ANR
Chromium	ug/L	16.3/8.1	ANR	ANR	ANR	ANR
Chromium VI	ug/L	16.3/8.1	ANR	ANR	ANR	ANR
Cobalt	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	14.0/7.1	4.4	*	1.8	B, J*
Iron	mg/L	0.3/-	ANR	ANR	ANR	ANR
Lead	ug/L	5.2/2.6	2.2	*	ND < 0.13	*
Manganese	ug/L	50/-	ANR	ANR	ANR	ANR
Mercury	ug/L	0.10/0.05	ND < 0.063	*	ND < 0.063	*
Nickel	ug/L	96/35	ANR	ANR	ANR	ANR
Selenium	ug/L	8.2/4.1	ANR	ANR	ANR	ANR
Silver	ug/L	4.1/2.0	ANR	ANR	ANR	ANR

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ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/18/2005		2/25/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Thallium	ug/L	2.0/-	ANR	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	119/54	ANR	ANR	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Chloroform	ug/L	-/-	ND < 0.33	U	ND < 0.33	U
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	U	ND < 0.27	U
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
1,1-Dichloroethene	ug/L	6.0/3.2	ND < 0.32	U	ND < 0.32	U
1,4-Dioxane	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ND < 0.25	U	ND < 0.25	U
Tetrachloroethene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
Toluene	ug/L	-/-	ND < 0.36	U	ND < 0.36	U
Xylenes (Total)	ug/L	-/-	ND < 0.52	U	ND < 0.52	U
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
Trichloroethene	ug/L	5.0/-	1.4	J (DNQ)	0.51	J (DNQ)
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	U	ND < 0.34	U
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl Chloride	ug/L	-/-	ND < 0.26	U	ND < 0.26	U
<b>TPH</b>						
EPH (C13 - C22)	ug/L	-/-	ANR	ANR	ANR	ANR
GRO (C4 - C12)	ug/L	-/-	ANR	ANR	ANR	ANR
TRPH	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,5-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	13.0/6.5	ND < 0.10	*	ND < 0.10	*
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	18.3/9.1	ND < 0.23	*	ND < 0.23	*
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR

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ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/18/2005		2/25/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methylnaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloroaniline	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthylene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	0.03/0.01	ND < 0.0010	*	ND < 0.0010	*
Aniline	ug/L	-/-	ANR	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzoic acid	ug/L	-/-	ANR	ANR	ANR	ANR
Benzyl alcohol	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-	ND < 1.1	*	ND < 1.1	*
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 002 (South Slope below R-2 Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/18/2005		2/25/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chronic Toxicity	TUC	1.0/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
Cyclohexane	ug/L	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzofuran	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin ketone	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Hydrazine	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methoxychlor	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR	ANR
m-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR

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

OUTFALL 002 (South Slope below R-2 Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/18/2005		2/25/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
n-Nitrosodimethylamine	ug/L	16.3/8.1	ND < 0.22	*	ND < 0.22	*
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
o-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	ANR
p-Cresol	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	16.5/8.2	ND < 0.78	*	ND < 0.78	*
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
p-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
Unsymmetrical Dimethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR	ANR

**OUTFALL 002 (South Slope below R-2 Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**March 1 through March 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/4/2005		3/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	ND < 0.30	U	ND < 0.30	U
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/20	ND < 0.59	*	1.1	J* (DNQ)
Chloride	mg/L	150/-	29	*	33	*
Specific Conductivity (Lab)	umhos/cm	-/-	880	--	960	--
Surfactants (MBAS)	mg/L	0.5/-	0.044	J* (DNQ)	ND < 0.044	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	0.60	*	0.21	*
Oil & Grease	mg/L	15/10	ND < 0.94	*	ND < 0.94	B
Perchlorate	ug/L	6.0/-	ND < 0.80	*	ND < 0.80	*
pH (Field)	pH units	6.5-8.5/-	7.7	*	7.7	*
Total Settleable Solids	ml/L	0.3/0.1	ND < 0.10	*	ND < 0.10	*
Sulfate	mg/L	300/-	230	*	250	*
Temperature	deg. F	86/-	59.4	*	72	*
Total Cyanide	ug/L	8.5/4.3	ND < 2.2	M2*	ND < 2.2	*
Total Dissolved Solids	mg/L	950/-	610	*	680	*
Total Organic Carbon	mg/L	-/-	ANR	ANR	ANR	ANR
Total Residual Chlorine	mg/L	0.1/-	ANR	ANR	ANR	ANR
Total Suspended Solids	mg/L	45/15	ND < 10	*	ND < 10	*
Turbidity	NTU	-/-	4.6	--	0.59	J (DNQ)
Volume Discharged	MGD	160/-	1.33	*	0.96	*
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	15/-	ANR	ANR	ANR	ANR
Gross Beta	pCi/L	50/-	ANR	ANR	ANR	ANR
Strontium-90	pCi/L	8.0/-	ANR	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	20000/-	ANR	ANR	ANR	ANR
<b>METALS</b>						
Antimony	ug/L	6.0/-	ANR	ANR	ANR	ANR
Arsenic	ug/L	50/-	ANR	ANR	ANR	ANR
Barium	mg/L	1.0/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	4.0/-	ANR	ANR	ANR	ANR
Boron	mg/L	-/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	4.0/2.0	ANR	ANR	ANR	ANR
Chromium	ug/L	16.3/8.1	ANR	ANR	ANR	ANR
Chromium VI	ug/L	16.3/8.1	ANR	ANR	ANR	ANR
Cobalt	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	14.0/7.1	2.2	*	2.0	*
Iron	mg/L	0.3/-	ANR	ANR	ANR	ANR
Lead	ug/L	5.2/2.6	ND < 0.13	*	ND < 0.13	*
Manganese	ug/L	50/-	ANR	ANR	ANR	ANR
Mercury	ug/L	0.10/0.05	ND < 0.063	*	ND < 0.063	*
Nickel	ug/L	96/35	ANR	ANR	ANR	ANR
Selenium	ug/L	8.2/4.1	ANR	ANR	ANR	ANR
Silver	ug/L	4.1/2.0	ANR	ANR	ANR	ANR

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



**OUTFALL 002 (South Slope below R-2 Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/4/2005		3/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Thallium	ug/L	2.0/-	ANR	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	119/54	ANR	ANR	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Chloroform	ug/L	-/-	ND < 0.33	U	ND < 0.33	U
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	U	ND < 0.27	U
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
1,1-Dichloroethene	ug/L	6.0/3.2	ND < 0.32	U	ND < 0.32	U
1,4-Dioxane	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ND < 0.25	U	ND < 0.25	U
Tetrachloroethene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
Toluene	ug/L	-/-	ND < 0.36	U	ND < 0.36	U
Xylenes (Total)	ug/L	-/-	ND < 0.52	U	ND < 0.52	U
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
Trichloroethene	ug/L	5.0/-	ND < 0.26	U	ND < 0.26	U
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	UJ (C)	ND < 0.34	U
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl Chloride	ug/L	-/-	ND < 0.26	U	ND < 0.26	UJ (C)
<b>TPH</b>						
EFH (C13 - C22)	ug/L	-/-	ANR	ANR	ANR	ANR
GRO (C4 - C12)	ug/L	-/-	ANR	ANR	ANR	ANR
TRPH	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	13.0/6.5	ND < 0.10	*	ND < 0.10	*
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	18.3/9.1	ND < 0.23	L2*	ND < 0.23	*
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR

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

OUTFALL 002 (South Slope below R-2 Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/4/2005		3/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	0.03/0.01	ND < 0.0010	*	ND < 0.0010	*
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-	3.9	B, J* (DNQ)	ND < 1.1	*
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chronic Toxicity	TUC	1.0/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
Cyclohexane	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 002 (South Slope below R-2 Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**March 1 through March 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/4/2005		3/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	16.3/8.1	ND < 0.22	*	ND < 0.22	*
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	16.5/8.2	ND < 0.78	*	ND < 0.78	*
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR

**OUTFALL 002 (South Slope below R-2 Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**March 1 through March 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/18/2005	
			RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	ND < 0.30	U
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/20	ND < 0.59	U
Chloride	mg/L	150/-	32	--
Specific Conductivity (Lab)	umhos/cm	-/-	930	--
Surfactants (MBAS)	mg/L	0.5/-	0.049	J (DNQ)
Fluoride	mg/L	1.6/-	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	0.10	J (DNQ)
Oil & Grease	mg/L	15/10	ND < 0.94	U
Perchlorate	ug/L	6.0/-	ND < 0.80	U
pH (Field)	pH units	6.5-8.5/-	7.9	*
Total Settleable Solids	ml/L	0.3/0.1	ND < 0.10	U
Sulfate	mg/L	300/-	230	--
Temperature	deg. F	86/-	58.5	*
Total Cyanide	ug/L	8.5/4.3	ND < 7.8	UJ (B,\$)
Total Dissolved Solids	mg/L	950/-	630	--
Total Organic Carbon	mg/L	-/-	ANR	ANR
Total Residual Chlorine	mg/L	0.1/-	ANR	ANR
Total Suspended Solids	mg/L	45/15	ND < 10	U
Turbidity	NTU	-/-	0.58	J (DNQ)
Volume Discharged	MGD	160/-	0.21	*
<b>RADIOACTIVITY</b>				
Gross Alpha	pCi/L	15/-	ANR	ANR
Gross Beta	pCi/L	50/-	ANR	ANR
Strontium-90	pCi/L	8.0/-	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	ANR	ANR
Tritium	pCi/L	20000/-	ANR	ANR
<b>METALS</b>				
Antimony	ug/L	6.0/-	ANR	ANR
Arsenic	ug/L	50/-	ANR	ANR
Barium	mg/L	1.0/-	ANR	ANR
Beryllium	ug/L	4.0/-	ANR	ANR
Boron	mg/L	-/-	ANR	ANR
Cadmium	ug/L	4.0/2.0	ANR	ANR
Chromium	ug/L	16.3/8.1	ANR	ANR
Chromium VI	ug/L	16.3/8.1	ANR	ANR
Cobalt	ug/L	-/-	ANR	ANR
Copper	ug/L	14.0/7.1	2.0	--
Iron	mg/L	0.3/-	ANR	ANR
Lead	ug/L	5.2/2.6	ND < 0.13	U
Manganese	ug/L	50/-	ANR	ANR
Mercury	ug/L	0.10/0.05	ND < 0.063	U
Nickel	ug/L	96/35	ANR	ANR
Selenium	ug/L	8.2/4.1	ANR	ANR
Silver	ug/L	4.1/2.0	ANR	ANR

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

OUTFALL 002 (South Slope below R-2 Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/18/2005	
			RESULT	VALIDATION QUALIFIER
Thallium	ug/L	2.0/-	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR
Zinc	ug/L	119/54	ANR	ANR
<b>ORGANICS</b>				
Benzene	ug/L	-/-	ND < 0.28	U
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U
Chloroform	ug/L	-/-	ND < 0.33	UJ (C)
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	U
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	UJ (C)
1,1-Dichloroethene	ug/L	6.0/3.2	ND < 0.32	U
1,4-Dioxane	ug/L	-/-	ANR	ANR
Ethylbenzene	ug/L	-/-	ND < 0.25	U
Tetrachloroethene	ug/L	-/-	ND < 0.32	U
Toluene	ug/L	-/-	ND < 0.36	U
Xylenes (Total)	ug/L	-/-	ND < 0.52	U
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U
Trichloroethene	ug/L	5.0/-	ND < 0.26	U
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	UJ (C)
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR
Vinyl Chloride	ug/L	-/-	ND < 0.26	U
<b>TPH</b>				
EFH (C13 - C22)	ug/L	-/-	ANR	ANR
GRO (C4 - C12)	ug/L	-/-	ANR	ANR
TRPH	ug/L	-/-	ANR	ANR
<b>ADDITIONAL ANALYTES</b>				
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR
2,4,6-Trichlorophenol	ug/L	13.0/6.5	ND < 0.10	U
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR
2,4-Dinitrotoluene	ug/L	18.3/9.1	ND < 0.23	U
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR

OUTFALL 002 (South Slope below R-2 Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/18/2005	
			RESULT	VALIDATION QUALIFIER
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR
alpha-BHC	ug/L	0.03/0.01	ND < 0.0010	UJ (C)
Anthracene	ug/L	-/-	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-	ND < 1.1	U
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR
Chronic Toxicity	TUC	1.0/-	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR
cis-1,2-Dichloroethene	ug/L	-/-	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR
Cyclohexane	ug/L	-/-	ANR	ANR

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

OUTFALL 002 (South Slope below R-2 Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/18/2005	
			RESULT	VALIDATION QUALIFIER
delta-BHC	ug/L	-/-	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR
n-Nitrosodimethylamine	ug/L	16.3/8.1	ND < 0.22	U
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR
Pentachlorophenol	ug/L	16.5/8.2	ND < 0.78	U
Phenanthrene	ug/L	-/-	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR



OUTFALL 002 (South Slope below R-2 Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY - ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date January 4, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDFE Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	1.20E-06	5.00E-05	7.60E-06	UJ (B)	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	9.60E-07	5.00E-05	2.30E-06	J (DNQ)	0.01	2.30E-08	ND
1,2,3,4,7,8,9-HpCDF	9.50E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.30E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	1.50E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.20E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	1.40E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.30E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	5.90E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.40E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.20E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	8.00E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	8.50E-07	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	2.00E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	1.60E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	2.30E-06	1.00E-04	6.50E-05	UJ (B)	0.0001	ND	ND
OCDF	1.10E-06	1.00E-04	9.40E-06	UJ (B)	0.0001	ND	ND

TCDD TEQ w/DNQ Values

TCDD TEQ w/out DNQ Values

2.30E-08

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 002 (South Slope below R-2 Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY - ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date January 11, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	9.50E-07	5.00E-05	8.00E-06	UJ (B)	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	9.20E-07	1.40E-06	ND	UJ (*10)	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	1.00E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	9.10E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	4.80E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	5.70E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	6.10E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	4.90E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	6.30E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	7.40E-07	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.20E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	5.50E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	6.20E-07	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	7.80E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	6.30E-07	1.00E-05	ND	U	0.1	ND	ND
OCDD	5.40E-06	1.00E-04	7.10E-05	J (DNQ)	0.0001	7.10E-09	ND
OCDF	1.50E-06	1.00E-04	7.60E-06	UJ (B)	0.0001	ND	ND
<b>TCDD TEQ w/ DNQ Values</b>						<b>7.10E-09</b>	
<b>TCDD TEQ w/out DNQ Values</b>							<b>ND</b>

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 002 (South Slope below R-2 Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY - ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date January 18, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	2.90E-07	5.00E-05	2.40E-06	J (DNQ)	0.01	2.40E-08	ND
1,2,3,4,6,7,8-HpCDF	6.00E-07	1.20E-06	ND	UJ (*10)	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	6.40E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	5.00E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	1.80E-07	9.50E-07	ND	UJ (*10)	0.1	ND	ND
1,2,3,6,7,8-HxCDD	4.20E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	2.90E-07	5.00E-05	6.60E-07	J (DNQ)	0.1	6.60E-08	ND
1,2,3,7,8,9-HxCDD	4.00E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	3.00E-07	5.00E-05	4.50E-07	J (DNQ)	0.1	4.50E-08	ND
1,2,3,7,8-PeCDD	8.70E-07	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	3.00E-07	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	2.70E-07	4.30E-07	ND	UJ (*10)	0.1	ND	ND
2,3,4,7,8-PeCDF	2.50E-07	5.00E-05	5.30E-07	J (DNQ)	0.5	2.65E-07	ND
2,3,7,8-TCDD	8.20E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	6.00E-07	1.00E-05	ND	U	0.1	ND	ND
OCDD	3.60E-07	1.00E-04	9.20E-06	J (DNQ)	0.0001	9.20E-10	ND
OCDF	9.80E-07	1.00E-04	6.90E-06	UJ (B)	0.0001	ND	ND

TCDD TEQ w/ DNQ Values	4.01E-07	ND
TCDD TEQ w/out DNQ Values		

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 002 (South Slope below R-2 Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY - ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date January 26, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)	
1,2,3,4,6,7,8-HpCDD	3.80E-07	5.00E-05	1.60E-06	J (DNQ)	0.01	1.60E-08	ND	
1,2,3,4,6,7,8-HpCDF	6.30E-07	5.00E-05	ND	U	0.01	ND	ND	
1,2,3,4,7,8,9-HpCDF	5.90E-07	5.00E-05	ND	U	0.01	ND	ND	
1,2,3,4,7,8-HxCDD	5.80E-07	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,4,7,8-HxCDF	4.90E-07	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,6,7,8-HxCDD	4.90E-07	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,6,7,8-HxCDF	4.80E-07	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8,9-HxCDD	5.10E-07	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8,9-HxCDF	4.00E-07	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8-PeCDD	8.20E-07	5.00E-05	ND	U	1	ND	ND	
1,2,3,7,8-PeCDF	8.00E-07	5.00E-05	ND	U	0.05	ND	ND	
2,3,4,6,7,8-HxCDF	6.10E-07	5.00E-05	ND	U	0.1	ND	ND	
2,3,4,7,8-PeCDF	6.80E-07	5.00E-05	ND	U	0.5	ND	ND	
2,3,7,8-TCDD	1.10E-06	1.00E-05	ND	U	1	ND	ND	
2,3,7,8-TCDF	1.20E-06	1.00E-05	ND	U	0.1	ND	ND	
OCDD	1.10E-06	1.00E-04	1.20E-05	J (DNQ)	0.0001	1.20E-09	ND	
OCDF	9.00E-07	3.20E-06	3.20E-06	UJ (*10)	0.0001	ND	ND	
<b>TCDD TEQ w/ DNQ Values</b>							<b>1.72E-08</b>	
<b>TCDD TEQ w/out DNQ Values</b>								<b>ND</b>

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 002 (South Slope below R-2 Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY - ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date February 4, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	7.32E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	4.34E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	4.90E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	5.19E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	1.93E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	5.18E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	1.83E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	5.16E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	3.01E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	2.73E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	4.78E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	2.05E-06	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	4.38E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	3.23E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	3.44E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	1.00E-04	1.73E-05	J (DNQ)	0.0001	1.73E-09	ND
OCDF	1.17E-05	1.00E-04	ND	U	0.0001	ND	ND

**TCDD TEQ w/ DNQ Values**

**TCDD TEQ w/out DNQ Values**

1.73E-09

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 002 (South Slope below R-2 Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY - ROCKEYDINE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date February 11, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	9.60E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	2.05E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	3.28E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	4.94E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	2.49E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	4.70E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	1.13E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	5.81E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.46E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	5.36E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	2.61E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	1.19E-06	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	2.46E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	3.01E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	4.82E-04	1.00E-05	ND	U	0.1	ND	ND
OCDD	1.03E-05	5.00E-04	5.00E-05	J (DNQ)	0.0001	5.00E-09	ND
OCDF	4.88E-06	5.00E-04	ND	U	0.0001	ND	ND

TCDD TEQ w/ DNQ Values	TCDD TEQ w/out DNQ Values
5.00E-09	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 002 (South Slope below R-2 Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY - ROCKEYDINE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date February 18, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	5.00E-05	1.67E-05	J (DNQ)	0.01	1.67E-07	ND
1,2,3,4,6,7,8-HpCDF	0.00E+00	5.00E-05	2.73E-06	J (DNQ)	0.01	2.73E-08	ND
1,2,3,4,7,8,9-HpCDF	1.30E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.53E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	9.10E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.57E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	8.39E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.52E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	5.47E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.13E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.17E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	1.00E-06	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.08E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	8.07E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	7.50E-07	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	1.00E-04	1.78E-04	--	0.0001	1.78E-08	1.78E-08
OCDF	0.00E+00	1.00E-04	7.80E-06	J (DNQ)	0.0001	7.80E-10	ND

**TCDD TEQ w/ DNQ Values**

**TCDD TEQ w/out DNQ Values**

2.13E-07

1.78E-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 002 (South Slope below R-2 Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY - ROCKETYDNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date February 25, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TET	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	5.00E-05	2.99E-06	J (DNQ)	0.01	2.99E-08	ND
1,2,3,4,6,7,8-HpCDF	1.22E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	1.34E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	2.33E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	5.97E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	2.28E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	5.35E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	2.30E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	8.91E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.05E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.45E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	6.37E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.24E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	9.53E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	1.32E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	1.00E-04	8.97E-06	J (DNQ)	0.0001	8.97E-10	ND
OCDF	2.80E-06	1.00E-04	ND	U	0.0001	ND	ND

TCDD TEQ w/ DNQ Values

TCDD TEQ w/out DNQ Values

3.08E-08

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 002 (South Slope below R-2 Pond)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date March 4, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	5.00E-05	8.62E-07	J (DNQ)	0.01	8.62E-09	ND
1,2,3,4,6,7,8-HpCDF	7.99E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	9.07E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.15E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	3.24E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.19E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	3.11E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.17E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	5.57E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	5.30E-07	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.16E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	3.59E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.03E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	8.77E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	6.76E-07	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	1.00E-04	6.50E-06	J (DNQ)	0.0001	6.50E-10	ND
OCDF	2.67E-06	1.00E-04	ND	U	0.0001	ND	ND

TCDD TEQ w/ DNQ Values	TCDD TEQ w/out DNQ Values
9.27E-09	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 002 (South Slope below R-2 Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date March 11, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	1.15E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	8.16E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	8.76E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	2.08E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	5.98E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.98E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	5.89E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	2.02E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	9.30E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.14E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	2.31E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	6.28E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.96E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	1.08E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	1.33E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	3.59E-06	ND	UJ (*10)	0.0001	ND	ND
OCDF	2.09E-06	1.00E-04	ND	U	0.0001	ND	ND

TCDD TEQ w/ DNQ Values	TCDD TEQ w/out DNQ Values
ND	ND

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

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

OUTFALL 002 (South Slope below R-2 Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date March 18, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	1.04E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	6.97E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	8.18E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.21E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	4.51E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.23E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	4.41E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.22E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	7.68E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	7.45E-07	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.64E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	4.95E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.39E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	6.85E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	9.93E-07	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	1.00E-04	5.96E-06	J (DNQ)	0.0001	5.96E-10	ND
OCDF	3.04E-06	1.00E-04	ND	U	0.0001	ND	ND
<b>TCDD TEQ w/ DNQ Values</b>							
<b>TCDD TEQ w/out DNQ Values</b>						5.96E-10	ND

<b>Dioxin TCDD TEQ compliance limit established for this outfall?</b>		Yes	TCDD TEQ PERMIT LIMIT = 2.80E-08
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See attached notes for abbreviations, definitions, and other explanations for the data presented in this table.

OUTFALL 002 (South Slope below R-2 Pond)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

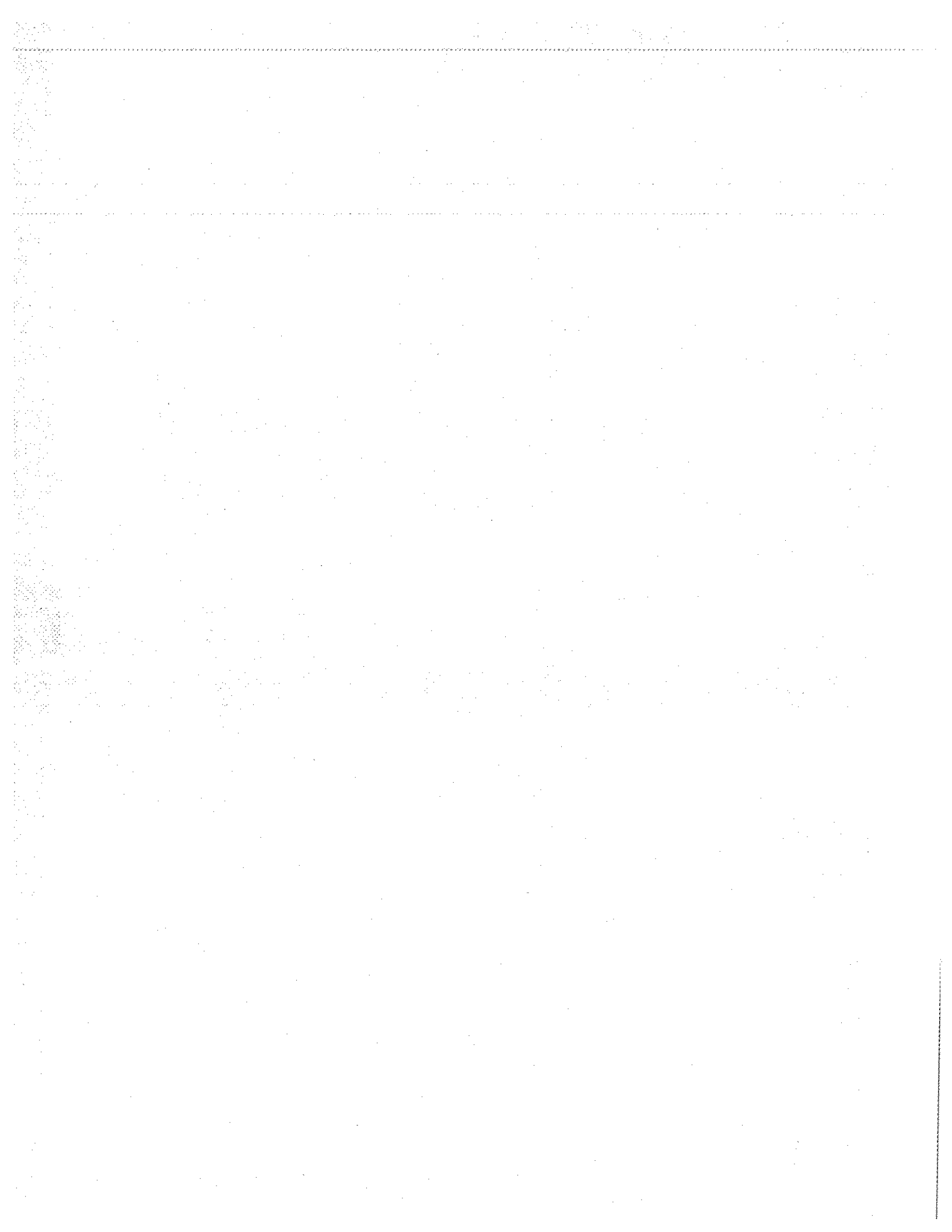
Sample Date March 25, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEQ	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	5.00E-05	1.65E-05	J (DNQ)	0.01	1.65E-07	ND	
1,2,3,4,6,7,8-HpCDF	0.00E+00	5.00E-05	2.66E-06	J (DNQ)	0.01	2.66E-08	ND	
1,2,3,4,7,8,9-HpCDF	4.80E-07	5.00E-05	ND	U	0.01	ND	ND	
1,2,3,4,7,8-HxCDD	8.56E-07	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,4,7,8-HxCDF	0.00E+00	4.61E-07	ND	UJ (*10)	0.1	ND	ND	
1,2,3,6,7,8-HxCDD	0.00E+00	5.00E-05	1.34E-06	J (DNQ)	0.1	1.34E-07	ND	
1,2,3,6,7,8-HxCDF	0.00E+00	6.49E-07	ND	UJ (*10)	0.1	ND	ND	
1,2,3,7,8,9-HxCDD	8.41E-07	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8,9-HxCDF	3.07E-07	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8-PeCDD	0.00E+00	5.00E-05	8.88E-07	J (DNQ)	1	8.88E-07	ND	
1,2,3,7,8-PeCDF	0.00E+00	5.00E-05	6.84E-07	J (DNQ)	0.05	3.42E-08	ND	
2,3,4,6,7,8-HxCDF	0.00E+00	5.00E-05	5.71E-07	J (DNQ)	0.1	5.71E-08	ND	
2,3,4,7,8-PeCDF	0.00E+00	5.00E-05	7.68E-07	J (DNQ)	0.5	3.84E-07	ND	
2,3,7,8-TCDD	4.00E-07	1.00E-05	ND	U	1	ND	ND	
2,3,7,8-TCDF	4.88E-07	1.00E-05	ND	U	0.1	ND	ND	
OCDD	0.00E+00	1.00E-04	1.84E-04	--	0.0001	1.84E-08	1.84E-08	
OCDF	0.00E+00	1.00E-04	5.39E-06	J (DNQ)	0.0001	5.39E-10	ND	
<b>TCDD TEQ w/ DNQ Values</b>							<b>1.71E-06</b>	
<b>TCDD TEQ w/out DNQ Values</b>								<b>1.84E-08</b>

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 003 (RMHF)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/3/2005		1/10/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	4.5	*	5.5	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	0.96	*	0.49	*
Oil & Grease	mg/L	15/-	2.0	J* (DNQ)	6	B*
Perchlorate	ug/L	6.0/-	ANR	ANR	ND < 0.80	*
pH (Field)	pH units	6.5-8.5/-	7.0	*	7.72	*
Sulfate	mg/L	250/-	4.3	*	6.0	*
Temperature	deg. F	86/-	49.6	*	59.0	*
Total Cyanide	ug/L	-/-	ANR	ANR	ANR	ANR
Total Dissolved Solids	mg/L	850/-	99	*	100	*
Total Suspended Solids	mg/L	-/-	ANR	ANR	ANR	ANR
Volume Discharged	MGD	17.8/-	ANR	ANR	ANR	ANR
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	15/-	ANR	ANR	ANR	ANR
Gross Beta	pCi/L	50/-	ANR	ANR	ANR	ANR
Strontium-90	pCi/L	8.0/-	ANR	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	20000/-	ANR	ANR	ANR	ANR
<b>METALS</b>						
Aluminum	ug/L	-/-	ANR	ANR	ANR	ANR
Antimony	ug/L	6.0/-	ND < 0.18	*	0.33	B, J*
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	4.0/-	0.057	J* (DNQ)	0.055	J* (DNQ)
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	14.0/-	2.3	B*	1.9	J* (DNQ)
Lead	ug/L	-/-	0.73	J (DNQ)	0.51	J (DNQ)
Mercury	ug/L	0.13/-	0.10	J* (DNQ)	0.13	J* (DNQ)
Nickel	ug/L	-/-	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR	ANR
Thallium	ug/L	2.0/-	ANR	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ANR	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR	ANR

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



**OUTFALL 003 (RMHF)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/3/2005		1/10/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Toluene	ug/L	-/-	ANR	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR

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

OUTFALL 003 (RMHF)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/3/2005		1/10/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,l)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 003 (RMHF)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/3/2005		1/10/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR

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

**January 1 through January 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/26/2005	
			RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	15	*
Fluoride	mg/L	1.6/-	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	ND < 0.072	*
Oil & Grease	mg/L	15/-	2.2	*(DNQ)
Perchlorate	ug/L	6.0/-	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	7.60	*
Sulfate	mg/L	250/-	28	*
Temperature	deg. F	86/-	55.2	*
Total Cyanide	ug/L	-/-	ANR	ANR
Total Dissolved Solids	mg/L	850/-	240	*
Total Suspended Solids	mg/L	-/-	ANR	ANR
Volume Discharged	MGD	17.8/-	ANR	ANR
<b>RADIOACTIVITY</b>				
Gross Alpha	pCi/L	15/-	ANR	ANR
Gross Beta	pCi/L	50/-	ANR	ANR
Strontium-90	pCi/L	8.0/-	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	ANR	ANR
Tritium	pCi/L	20000/-	ANR	ANR
<b>METALS</b>				
Aluminum	ug/L	-/-	ANR	ANR
Antimony	ug/L	6.0/-	ND < 0.18	*
Arsenic	ug/L	-/-	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR
Cadmium	ug/L	4.0/-	0.037	*(DNQ)
Chromium	ug/L	-/-	ANR	ANR
Copper	ug/L	14.0/-	2.5	*
Lead	ug/L	-/-	ND < 0.13	U
Mercury	ug/L	0.13/-	0.10	*(DNQ)
Nickel	ug/L	-/-	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR
Silver	ug/L	-/-	ANR	ANR
Thallium	ug/L	2.0/-	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR
<b>ORGANICS</b>				
Benzene	ug/L	-/-	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR

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

**OUTFALL 003 (RMHF)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/26/2005	
			RESULT	VALIDATION QUALIFIER
Toluene	ug/L	-/-	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR
<b>ADDITIONAL ANALYTES</b>				
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR

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

**OUTFALL 003 (RMHF)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/26/2005	
			RESULT	VALIDATION QUALIFIER
Aroclor-1248	ug/L	-/-	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR

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

OUTFALL 003 (RMHF)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/26/2005	
			RESULT	VALIDATION QUALIFIER
Isophorone	ug/L	-/-	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR



**OUTFALL 003 (RMHF)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	14	*	4.9	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	0.53	*	0.22	*
Oil & Grease	mg/L	15/-	ND < 0.94	*	1.2	J* (DNQ)
Perchlorate	ug/L	6.0/-	ANR	ANR	ND < 0.80	*
pH (Field)	pH units	6.5-8.5/-	6.8	*	7.2	*
Sulfate	mg/L	250/-	35	*	9.7	*
Temperature	deg. F	86/-	54.5	*	55.6	*
Total Cyanide	ug/L	-/-	ANR	ANR	ND < 2.2	U
Total Dissolved Solids	mg/L	850/-	210	*	130	*
Total Suspended Solids	mg/L	-/-	ND < 10	*	ND < 10	U
Volume Discharged	MGD	17.8/-	ANR	ANR	ANR	ANR
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	15/-	ANR	ANR	0.651 /±1.1	UJ (R)
Gross Beta	pCi/L	50/-	ANR	ANR	4.58 /±1.4	--
Strontium-90	pCi/L	8.0/-	ANR	ANR	1.06 /±0.23	--
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	20000/-	ANR	ANR	10.7 /±150	U
<b>METALS</b>						
Aluminum	ug/L	-/-	ANR	ANR	360	--
Antimony	ug/L	6.0/-	0.30	B, J* (DNQ)	0.20	J* (DNQ)
Arsenic	ug/L	-/-	ANR	ANR	ND < 3.8	UJ (*3)
Beryllium	ug/L	-/-	ANR	ANR	ND < 0.62	U
Boron	mg/L	1.0/-	ANR	ANR	0.045	J* (DNQ)
Cadmium	ug/L	4.0/-	0.077	J* (DNQ)	0.019	J* (DNQ)
Chromium	ug/L	-/-	ANR	ANR	2.0	J (DNQ)
Copper	ug/L	14.0/-	2.6	*	3.3	*
Lead	ug/L	-/-	0.30	J (DNQ)	0.32	J (DNQ)
Mercury	ug/L	0.13/-	0.16	J* (DNQ)	ND < 0.063	*
Nickel	ug/L	-/-	ANR	ANR	2.2	J (DNQ)
Selenium	ug/L	-/-	ANR	ANR	ND < 4.6	U
Silver	ug/L	-/-	ANR	ANR	ND < 1.3	UJ (*3)
Thallium	ug/L	2.0/-	ANR	ANR	ND < 0.075	*
Vanadium	ug/L	-/-	ANR	ANR	1.7	J (DNQ)
Zinc	ug/L	-/-	ANR	ANR	7.0	UJ (B)
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ANR	ANR	ND < 0.28	U
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ND < 0.28	U
Chloroform	ug/L	-/-	ANR	ANR	ND < 0.33	U
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ND < 0.27	U
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ND < 0.28	U
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ND < 0.32	U
Ethylbenzene	ug/L	-/-	ANR	ANR	ND < 0.25	U
Tetrachloroethene	ug/L	-/-	ANR	ANR	ND < 0.32	U

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

OUTFALL 003 (RMHF)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Toluene	ug/L	-/-	ANR	ANR	ND < 0.36	U
Xylenes (Total)	ug/L	-/-	ANR	ANR	ND < 0.52	U
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ND < 0.30	UJ (C)
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ND < 0.30	U
Trichloroethene	ug/L	-/-	ANR	ANR	ND < 0.26	U
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ND < 0.34	U
Vinyl chloride	ug/L	-/-	ANR	ANR	ND < 0.26	U
<b>ADDITIONAL ANALYTES</b>						
2,4,5-Trichlorophenol	ug/L	-/-	ANR	ANR	ND < 3.6	U
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ND < 0.24	U
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ND < 4.4	U
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 4.5	U
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.32	U
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ND < 0.35	U
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ND < 5.0	U
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 4.1	U
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.35	U
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 3.9	U
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.37	U
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ND < 4.1	U
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ND < 4.1	U
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ND < 4.4	U
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ND < 5.3	U
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ND < 4.2	U
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ND < 3.2	U
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ND < 1.3	U
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ND < 4.0	U
2-Chlorophenol	ug/L	-/-	ANR	ANR	ND < 4.2	U
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ND < 5.1	U
2-Methylnaphthalene	ug/L	-/-	ANR	ANR	ND < 3.0	U
2-Methylphenol	ug/L	-/-	ANR	ANR	ND < 3.7	U
2-Nitrophenol	ug/L	-/-	ANR	ANR	ND < 4.2	U
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ND < 11	U
4,4'-DDD	ug/L	-/-	ANR	ANR	ND < 0.015	UJ (C)
4,4'-DDE	ug/L	-/-	ANR	ANR	ND < 0.020	U
4,4'-DDT	ug/L	-/-	ANR	ANR	ND < 0.030	U
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ND < 4.6	U
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ND < 3.5	U
4-Chloroaniline	ug/L	-/-	ANR	ANR	ND < 6.0	U
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ND < 3.0	U
4-Nitrophenol	ug/L	-/-	ANR	ANR	ND < 6.6	U
Acenaphthene	ug/L	-/-	ANR	ANR	ND < 4.3	U
Acenaphthylene	ug/L	-/-	ANR	ANR	ND < 3.2	U
Acrolein	ug/L	-/-	ANR	ANR	ND < 4.6	R (R)
Acrylonitrile	ug/L	-/-	ANR	ANR	ND < 5.1	U

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

**OUTFALL 003 (RMHF)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**February 1 through February 28, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR	100	*
Aldrin	ug/L	-/-	ANR	ANR	ND < 0.030	U
alpha-BHC	ug/L	-/-	ANR	ANR	ND < 0.015	U
Aniline	ug/L	-/-	ANR	ANR	ND < 2.9	U
Anthracene	ug/L	-/-	ANR	ANR	ND < 3.2	U
Aroclor-1016	ug/L	-/-	ANR	ANR	ND < 0.20	U
Aroclor-1221	ug/L	-/-	ANR	ANR	ND < 0.10	U
Aroclor-1232	ug/L	-/-	ANR	ANR	ND < 0.15	U
Aroclor-1242	ug/L	-/-	ANR	ANR	ND < 0.15	U
Aroclor-1248	ug/L	-/-	ANR	ANR	ND < 0.25	U
Aroclor-1254	ug/L	-/-	ANR	ANR	ND < 0.25	U
Aroclor-1260	ug/L	-/-	ANR	ANR	ND < 0.40	U
Benzidine	ug/L	-/-	ANR	ANR	ND < 5.2	UJ (*5,C)
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ND < 3.7	U
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ND < 3.5	UJ (I)
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ND < 2.7	UJ (I)
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ND < 5.3	UJ (I)
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ND < 3.4	UJ (I)
Benzoic acid	ug/L	-/-	ANR	ANR	ND < 2.6	UJ (C)
Benzyl alcohol	ug/L	-/-	ANR	ANR	ND < 2.5	U
beta-BHC	ug/L	-/-	ANR	ANR	ND < 0.015	U
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ND < 4.4	U
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ND < 5.2	U
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ND < 3.9	U
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ND < 4.6	U
Bromodichloromethane	ug/L	-/-	ANR	ANR	ND < 0.30	U
Bromoform	ug/L	-/-	ANR	ANR	ND < 0.32	U
Bromomethane	ug/L	-/-	ANR	ANR	ND < 0.34	U
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ND < 3.5	U
Chlordane	ug/L	-/-	ANR	ANR	ND < 0.20	U
Chlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.36	U
Chloroethane	ug/L	-/-	ANR	ANR	ND < 0.33	U
Chloromethane	ug/L	-/-	ANR	ANR	ND < 0.30	U
Chrysene	ug/L	-/-	ANR	ANR	ND < 2.8	U
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ND < 0.22	U
delta-BHC	ug/L	-/-	ANR	ANR	ND < 0.020	U
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ND < 4.7	UJ (I)
Dibenzofuran	ug/L	-/-	ANR	ANR	ND < 2.6	U
Dibromochloromethane	ug/L	-/-	ANR	ANR	ND < 0.28	U
Dieldrin	ug/L	-/-	ANR	ANR	ND < 0.015	U
Diethylphthalate	ug/L	-/-	ANR	ANR	ND < 3.1	U
Dimethylphthalate	ug/L	-/-	ANR	ANR	ND < 3.6	U
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ND < 2.8	U
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ND < 4.7	U
Endosulfan I	ug/L	-/-	ANR	ANR	ND < 0.015	U

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

**OUTFALL 003 (RMHF)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**February 1 through February 28, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Endosulfan II	ug/L	-/-	ANR	ANR	ND < 0.040	U
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ND < 0.015	U
Endrin	ug/L	-/-	ANR	ANR	ND < 0.015	UJ (C)
Endrin aldehyde	ug/L	-/-	ANR	ANR	ND < 0.045	U
Endrin ketone	ug/L	-/-	ANR	ANR	ND < 0.020	U
Fluoranthene	ug/L	-/-	ANR	ANR	ND < 4.2	U
Fluorene	ug/L	-/-	ANR	ANR	ND < 3.9	U
Heptachlor	ug/L	-/-	ANR	ANR	ND < 0.030	UJ (C)
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ND < 0.020	U
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ND < 4.8	U
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ND < 4.2	U
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ND < 3.4	U
Hexachloroethane	ug/L	-/-	ANR	ANR	ND < 4.2	U
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ND < 5.4	UJ (I)
Isophorone	ug/L	-/-	ANR	ANR	ND < 3.7	U
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ND < 0.015	U
Methoxychlor	ug/L	-/-	ANR	ANR	ND < 0.035	U
Methylene Chloride	ug/L	-/-	ANR	ANR	ND < 0.48	U (T)
m-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 4.5	U
Naphthalene	ug/L	-/-	ANR	ANR	ND < 4.5	U
Nitrobenzene	ug/L	-/-	ANR	ANR	ND < 4.2	U
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ND < 3.7	U
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ND < 3.6	U
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ND < 4.0	U
o-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 3.9	U
p-Cresol	ug/L	-/-	ANR	ANR	ND < 3.8	U
Pentachlorophenol	ug/L	-/-	ANR	ANR	ND < 4.0	U
Phenanthrene	ug/L	-/-	ANR	ANR	ND < 3.3	U
Phenol	ug/L	-/-	ANR	ANR	ND < 4.0	U
p-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 4.9	U
Pyrene	ug/L	-/-	ANR	ANR	ND < 3.9	U
Toxaphene	ug/L	-/-	ANR	ANR	ND < 1.5	U
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ND < 0.27	U
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ND < 0.24	U

**OUTFALL 003 (RMHF)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**March 1 through March 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/4/2005		3/19/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	15	*	24	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	0.70	*	0.29	*
Oil & Grease	mg/L	15/-	ND < 0.94	B	ND < 0.94	*
Perchlorate	ug/L	6.0/-	ANR	ANR	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	6.9	*	6.9	*
Sulfate	mg/L	250/-	130	*	160	*
Temperature	deg. F	86/-	56.3	*	54.3	*
Total Cyanide	ug/L	-/-	ANR	ANR	ANR	ANR
Total Dissolved Solids	mg/L	850/-	480	*	610	*
Total Suspended Solids	mg/L	-/-	ND < 10	*	ND < 10	*
Volume Discharged	MGD	17.8/-	ANR	ANR	ANR	ANR
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	15/-	ANR	ANR	ANR	ANR
Gross Beta	pCi/L	50/-	ANR	ANR	ANR	ANR
Strontium-90	pCi/L	8.0/-	ANR	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	20000/-	ANR	ANR	ANR	ANR
<b>METALS</b>						
Aluminum	ug/L	-/-	ANR	ANR	ANR	ANR
Antimony	ug/L	6.0/-	ND < 0.18	*	0.26	J* (DNQ)
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	4.0/-	0.067	J* (DNQ)	0.029	J* (DNQ)
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	14.0/-	3.0	*	1.8	J* (DNQ)
Lead	ug/L	-/-	0.13	J (DNQ)	ND < 0.13	U
Mercury	ug/L	0.13/-	ND < 0.063	*	ND < 0.063	*
Nickel	ug/L	-/-	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR	ANR
Thallium	ug/L	2.0/-	ANR	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ANR	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR	ANR

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

OUTFALL 003 (RMHF)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/4/2005		3/19/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Toluene	ug/L	-/-	ANR	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR

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

OUTFALL 003 (RMHF)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/4/2005		3/19/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR

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



**OUTFALL 003 (RMHF)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**March 1 through March 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/4/2005		3/19/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR

OUTFALL 003

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY - ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date January 3, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	1.70E-06	5.00E-05	5.80E-06	UJ (B)	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	1.10E-06	5.00E-05	1.70E-06	J (DNQ)	0.01	1.70E-08	ND
1,2,3,4,7,8,9-HpCDF	1.50E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.60E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	1.10E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.80E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	9.10E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.80E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	9.50E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.50E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.50E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	9.40E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.20E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	2.60E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	2.80E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	3.10E-06	1.00E-04	6.20E-05	UJ (B)	0.0001	ND	ND
OCDF	2.00E-06	1.00E-04	7.40E-06	UJ (B)	0.0001	ND	ND

TCDD TEQ w/ DNQ Values	1.70E-08	ND
TCDD TEQ w/out DNQ Values		

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 003

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY - ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date January 10, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	1.80E-06	5.00E-05	1.80E-05	J (DNQ)	0.01	1.80E-07	ND
1,2,3,4,6,7,8-HpCDF	1.30E-06	3.90E-06	ND	UJ (*10)	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	1.90E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.70E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	1.20E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.30E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	1.10E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	2.00E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	2.20E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	2.10E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.50E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	1.30E-06	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.00E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	1.90E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	2.40E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	3.90E-06	1.00E-04	2.80E-04	--	0.0001	2.80E-08	2.80E-08
OCDF	2.20E-06	1.00E-04	1.80E-05	UJ (B)	0.0001	ND	ND
<b>TCDD TEQ w/ DNQ Values</b>						2.08E-07	2.80E-08
<b>TCDD TEQ w/out DNQ Values</b>							

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 003

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY - ROCKEYDINE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date January 26, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)	
1,2,3,4,6,7,8-HpCDD	1.50E-06	5.00E-05	5.60E-06	J (DNQ)	0.01	5.60E-08	ND	
1,2,3,4,6,7,8-HpCDF	1.00E-06	5.00E-05	1.70E-06	UJ (B)	0.01	ND	ND	
1,2,3,4,7,8,9-HpCDF	1.20E-06	5.00E-05	ND	U	0.01	ND	ND	
1,2,3,4,7,8-HxCDD	1.10E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,4,7,8-HxCDF	1.10E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,6,7,8-HxCDD	1.10E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,6,7,8-HxCDF	1.10E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8,9-HxCDD	8.20E-07	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8,9-HxCDF	1.00E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8-PeCDD	1.80E-06	5.00E-05	ND	U	1	ND	ND	
1,2,3,7,8-PeCDF	1.10E-06	5.00E-05	ND	U	0.05	ND	ND	
2,3,4,6,7,8-HxCDF	1.00E-06	5.00E-05	ND	U	0.1	ND	ND	
2,3,4,7,8-PeCDF	1.20E-06	5.00E-05	ND	U	0.5	ND	ND	
2,3,7,8-TCDD	2.10E-06	1.00E-05	ND	U	1	ND	ND	
2,3,7,8-TCDF	1.40E-06	1.00E-05	ND	U	0.1	ND	ND	
OCDD	2.60E-06	1.00E-04	9.20E-05	J (DNQ)	0.0001	9.20E-09	ND	
OCDF	1.50E-06	1.00E-04	5.80E-06	UJ (B)	0.0001	ND	ND	
<b>TCDD TEQ w/ DNQ Values</b>							<b>6.52E-08</b>	<b>ND</b>
<b>TCDD TEQ w/out DNQ Values</b>								

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 003 (RMHF)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

February 11, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	3.19E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	2.74E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	2.05E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	4.91E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	3.00E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	4.84E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	1.62E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	5.54E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	2.03E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	2.18E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	2.39E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	1.53E-06	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	2.98E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	3.24E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	5.87E-04	1.00E-05	ND	U	0.1	ND	ND
OCDD	1.01E-05	1.00E-04	5.03E-05	J (DNQ)	0.0001	5.03E-09	ND
OCDF	3.04E-06	1.00E-04	ND	U	0.0001	ND	ND
TCDD TEQ							
TCDD TEQ_NoDNQ						5.03E-09	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 003 (RMHF)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

February 18, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	5.00E-05	5.49E-06	J (DNQ)	0.01	5.49E-06	ND
1,2,3,4,6,7,8-HpCDF	1.79E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	6.92E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.70E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	6.12E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.68E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	5.92E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.66E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	7.51E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.44E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	7.88E-07	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	5.04E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	7.42E-07	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	6.23E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	5.23E-07	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	1.00E-04	5.26E-05	J (DNQ)	0.0001	5.26E-09	ND
OCDF	0.00E+00	2.71E-06	ND	UJ (*10)	0.0001	ND	ND
<b>TCDD TEQ</b>							
<b>TCDD TEQ NoDNQ</b>						<b>6.02E-08</b>	<b>ND</b>

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 003 (RMHF)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date March 4, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	1.22E-06	ND	UJ (*10)	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	8.56E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	9.53E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.62E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	4.59E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.73E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	4.70E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.67E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	7.43E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	7.47E-07	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.41E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	5.01E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.27E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	1.03E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	8.33E-07	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	1.00E-04	1.37E-05	J (DNQ)	0.0001	1.37E-09	ND
OCDF	3.40E-06	1.00E-04	ND	U	0.0001	ND	ND

TCDD TEQ w/ DNQ Values	TCDD TEQ w/out DNQ Values
1.37E-09	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 003 (RMHF)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

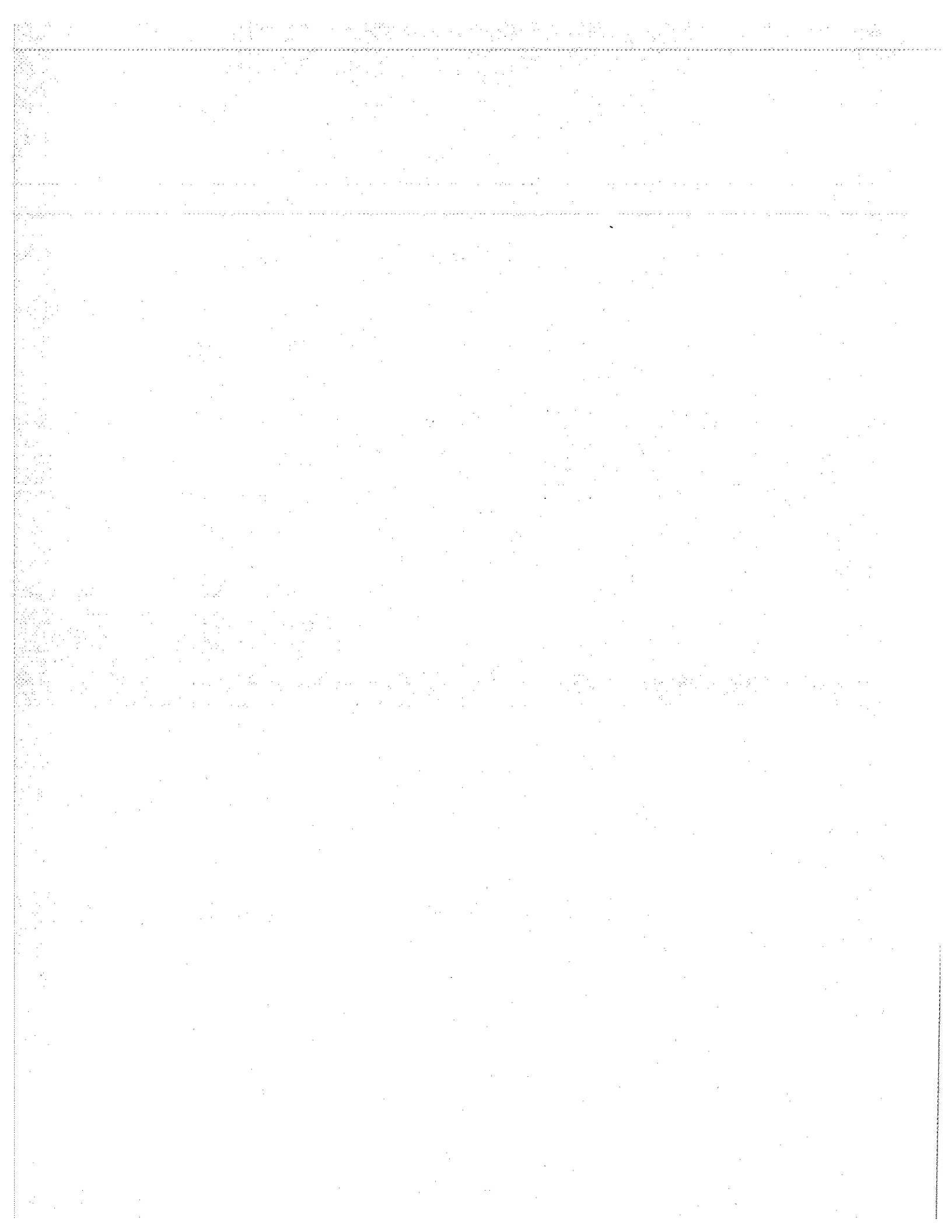
Sample Date March 19, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	1.76E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	8.62E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	1.03E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.01E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	5.32E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.04E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	5.02E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.02E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	8.59E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	7.16E-07	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.45E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	5.87E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.37E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	8.50E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	8.30E-07	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	5.58E-06	ND	UJ (*10)	0.0001	ND	ND
OCDF	2.68E-06	1.00E-04	ND	U	0.0001	ND	ND

TCDD TEQ w/ DNQ Values	TCDD TEQ w/out DNQ Values
ND	ND

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

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



**OUTFALL 004 (SRE)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/3/2005		1/10/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	5.0	*	3.6	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	1.5	*	1.3	*
Oil & Grease	mg/L	15/-	ND < 0.94	*	6.2	B*
Perchlorate	ug/L	6.0/-	ANR	ANR	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	6.90	*	ANR	ANR
Sulfate	mg/L	250/-	8.0	*	8.1	*
Temperature	deg. F	86/-	49.5	*	ANR	ANR
Total Cyanide	ug/L	-/-	ANR	ANR	ANR	ANR
Total Dissolved Solids	mg/L	850/-	94	*	82	*
Total Suspended Solids	mg/L	-/-	ANR	ANR	ANR	ANR
Volume Discharged	MGD	17.8/-	ANR	ANR	ANR	ANR
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	15/-	ANR	ANR	ANR	ANR
Gross Beta	pCi/L	50/-	ANR	ANR	ANR	ANR
Strontium-90	pCi/L	8.0/-	ANR	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	20000/-	ANR	ANR	ANR	ANR
<b>METALS</b>						
Aluminum	ug/L	-/-	ANR	ANR	ANR	ANR
Antimony	ug/L	6.0/-	0.31	J* (DNQ)	1.2	B, J* (DNQ)
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	4.0/-	0.055	J* (DNQ)	0.037	J* (DNQ)
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	14.0/-	3.2	B*	2.1	*
Lead	ug/L	-/-	0.50	J (DNQ)	0.22	J (DNQ)
Mercury	ug/L	0.13/-	0.23	-	0.14	J* (DNQ)
Nickel	ug/L	-/-	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR	ANR
Thallium	ug/L	2.0/-	ANR	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ANR	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 004 (SRE)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**January 1 through January 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/3/2005		1/10/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Toluene	ug/L	-/-	ANR	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR

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

OUTFALL 004 (SRE)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/3/2005		1/10/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 004 (SRE)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**January 1 through January 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/3/2005		1/10/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR

OUTFALL 004 (SRE)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/28/2005	
			RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	1.7	*
Fluoride	mg/L	1.6/-	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	0.94	*
Oil & Grease	mg/L	15/-	ND < 0.94	*
Perchlorate	ug/L	6.0/-	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	7.76	*
Sulfate	mg/L	250/-	1.5	*
Temperature	deg. F	86/-	52.7	*
Total Cyanide	ug/L	-/-	ANR	ANR
Total Dissolved Solids	mg/L	850/-	57	*
Total Suspended Solids	mg/L	-/-	ANR	ANR
Volume Discharged	MGD	17.8/-	ANR	ANR
<b>RADIOACTIVITY</b>				
Gross Alpha	pCi/L	15/-	ANR	ANR
Gross Beta	pCi/L	50/-	ANR	ANR
Strontium-90	pCi/L	8.0/-	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	ANR	ANR
Tritium	pCi/L	20000/-	ANR	ANR
<b>METALS</b>				
Aluminum	ug/L	-/-	ANR	ANR
Antimony	ug/L	6.0/-	0.26	J* (DNQ)
Arsenic	ug/L	-/-	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR
Cadmium	ug/L	4.0/-	0.018	J* (DNQ)
Chromium	ug/L	-/-	ANR	ANR
Copper	ug/L	14.0/-	2.3	*
Lead	ug/L	-/-	0.36	J (DNQ)
Mercury	ug/L	0.13/-	0.12	J* (DNQ)
Nickel	ug/L	-/-	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR
Silver	ug/L	-/-	ANR	ANR
Thallium	ug/L	-/-	ANR	ANR
Vanadium	ug/L	2.0/-	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR
<b>ORGANICS</b>				
Benzene	ug/L	-/-	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR

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



OUTFALL 004 (SRE)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/28/2005	
			RESULT	VALIDATION QUALIFIER
Toluene	ug/L	-/-	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR
<b>ADDITIONAL ANALYTES</b>				
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR

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

OUTFALL 004 (SRE)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/28/2005	
			RESULT	VALIDATION QUALIFIER
Aroclor-1248	ug/L	-/-	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR
Benzdine	ug/L	-/-	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR

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

**OUTFALL 004 (SRE)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/28/2005	
			RESULT	VALIDATION QUALIFIER
Isophorone	ug/L	-/-	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR

OUTFALL 004 (SRE)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	1.1	*	2.1	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	0.23	J* (DNQ)	0.26	*
Oil & Grease	mg/L	15/-	ND < 0.94	*	ND < 0.94	*
Perchlorate	ug/L	6.0/-	ANR	ANR	ND < 0.80	*
pH (Field)	pH units	6.5-8.5/-	6.9	*	7.4	*
Sulfate	mg/L	250/-	3.0	*	4.7	*
Temperature	deg. F	86/-	54.7	*	54.7	*
Total Cyanide	ug/L	-/-	ANR	ANR	ND < .0039	UJ (B)
Total Dissolved Solids	mg/L	850/-	37	*	71	*
Total Suspended Solids	mg/L	-/-	ND < 10	*	ND < 10	U
Volume Discharged	MGD	17.8/-	ANR	ANR	ANR	ANR
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	15/-	ANR	ANR	0.309 /±0.49	U
Gross Beta	pCi/L	50/-	ANR	ANR	2.21 /±1.2	--
Strontium-90	pCi/L	8.0/-	ANR	ANR	0.333 /±0.22	--
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	20000/-	ANR	ANR	0 /±150	U
<b>METALS</b>						
Aluminum	ug/L	-/-	ANR	ANR	350	--
Antimony	ug/L	6.0/-	0.33	J* (DNQ)	0.42	J* (DNQ)
Arsenic	ug/L	-/-	ANR	ANR	ND < 3.8	UJ (*3)
Beryllium	ug/L	-/-	ANR	ANR	ND < 0.62	U
Boron	mg/L	1.0/-	ANR	ANR	ND < 0.0074	*
Cadmium	ug/L	4.0/-	0.026	J* (DNQ)	0.034	J* (DNQ)
Chromium	ug/L	-/-	ANR	ANR	1.2	J (DNQ)
Copper	ug/L	14.0/-	1.4	J* (DNQ)	1.7	J* (DNQ)
Lead	ug/L	-/-	0.27	J (DNQ)	0.35	J (DNQ)
Mercury	ug/L	0.13/-	0.19	J* (DNQ)	ND < 0.063	*
Nickel	ug/L	-/-	ANR	ANR	ND < 2.0	U
Selenium	ug/L	-/-	ANR	ANR	ND < 4.6	UJ (B)
Silver	ug/L	-/-	ANR	ANR	ND < 1.3	UJ (*3)
Thallium	ug/L	2.0/-	ANR	ANR	0.21	J* (DNQ)
Vanadium	ug/L	-/-	ANR	ANR	2.3	J (DNQ)
Zinc	ug/L	-/-	ANR	ANR	5.9	UJ (B)
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ANR	ANR	ND < 0.28	U
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ND < 0.28	U
Chloroform	ug/L	-/-	ANR	ANR	ND < 0.33	U
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ND < 0.27	U
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ND < 0.28	U
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ND < 0.32	U
Ethylbenzene	ug/L	-/-	ANR	ANR	ND < 0.25	U
Tetrachloroethene	ug/L	-/-	ANR	ANR	ND < 0.32	U

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

OUTFALL 004 (SRE)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Toluene	ug/L	-/-	ANR	ANR	ND < 0.36	U
Xylenes (Total)	ug/L	-/-	ANR	ANR	ND < 0.52	U
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	0.76	J (DNQ)
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ND < 0.30	U
Trichloroethene	ug/L	-/-	ANR	ANR	0.66	J (DNQ)
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ND < 0.34	U
Vinyl chloride	ug/L	-/-	ANR	ANR	ND < 0.26	U
<b>ADDITIONAL ANALYTES</b>						
2,4,5-Trichlorophenol	ug/L	-/-	ANR	ANR	ND < 3.6	U
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ND < 0.24	U
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ND < 4.4	U
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 4.5	U
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.32	U
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ND < 0.35	U
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ND < 5.0	U
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 4.1	U
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.35	U
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 3.9	U
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.37	U
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ND < 4.1	U
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ND < 4.1	U
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ND < 4.4	U
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ND < 5.3	UJ (C)
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ND < 4.2	U
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ND < 3.2	U
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ND < 1.3	U
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ND < 4.0	U
2-Chlorophenol	ug/L	-/-	ANR	ANR	ND < 4.2	U
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ND < 5.1	UJ (C)
2-Methylnaphthalene	ug/L	-/-	ANR	ANR	ND < 3.0	U
2-Methylphenol	ug/L	-/-	ANR	ANR	ND < 3.7	U
2-Nitrophenol	ug/L	-/-	ANR	ANR	ND < 4.2	U
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ND < 11	U
4,4'-DDD	ug/L	-/-	ANR	ANR	ND < 0.015	UJ (C)
4,4'-DDE	ug/L	-/-	ANR	ANR	ND < 0.020	UJ (C)
4,4'-DDT	ug/L	-/-	ANR	ANR	ND < 0.030	U
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ND < 4.6	U
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ND < 3.5	U
4-Chloroaniline	ug/L	-/-	ANR	ANR	ND < 6.0	U
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ND < 3.0	U
4-Nitrophenol	ug/L	-/-	ANR	ANR	ND < 6.6	U
Acenaphthene	ug/L	-/-	ANR	ANR	ND < 4.3	U
Acenaphthylene	ug/L	-/-	ANR	ANR	ND < 3.2	U
Acrolein	ug/L	-/-	ANR	ANR	ND < 4.6	R (R)
Acrylonitrile	ug/L	-/-	ANR	ANR	ND < 5.1	U

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

OUTFALL 004 (SRE)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR	100	*
Aldrin	ug/L	-/-	ANR	ANR	ND < 0.030	U
alpha-BHC	ug/L	-/-	ANR	ANR	ND < 0.015	UJ (C)
Aniline	ug/L	-/-	ANR	ANR	ND < 2.9	U
Anthracene	ug/L	-/-	ANR	ANR	ND < 3.2	U
Aroclor-1016	ug/L	-/-	ANR	ANR	ND < 0.20	U
Aroclor-1221	ug/L	-/-	ANR	ANR	ND < 0.10	U
Aroclor-1232	ug/L	-/-	ANR	ANR	ND < 0.15	U
Aroclor-1242	ug/L	-/-	ANR	ANR	ND < 0.15	U
Aroclor-1248	ug/L	-/-	ANR	ANR	ND < 0.25	U
Aroclor-1254	ug/L	-/-	ANR	ANR	ND < 0.25	U
Aroclor-1260	ug/L	-/-	ANR	ANR	ND < 0.40	U
Benzdine	ug/L	-/-	ANR	ANR	ND < 5.2	UJ (*5)
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ND < 3.7	U
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ND < 3.5	UJ (I)
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ND < 2.7	UJ (I)
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ND < 5.3	UJ (I)
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ND < 3.4	UJ (I)
Benzoic acid	ug/L	-/-	ANR	ANR	ND < 2.6	UJ (C)
Benzyl alcohol	ug/L	-/-	ANR	ANR	ND < 2.5	U
beta-BHC	ug/L	-/-	ANR	ANR	ND < 0.015	U
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ND < 4.4	U
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ND < 5.2	U
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ND < 3.9	U
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ND < 4.6	U
Bromodichloromethane	ug/L	-/-	ANR	ANR	ND < 0.30	U
Bromoform	ug/L	-/-	ANR	ANR	ND < 0.32	U
Bromomethane	ug/L	-/-	ANR	ANR	ND < 0.34	U
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ND < 3.5	U
Chlordane	ug/L	-/-	ANR	ANR	ND < 0.20	U
Chlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.36	U
Chloroethane	ug/L	-/-	ANR	ANR	ND < 0.33	U
Chloromethane	ug/L	-/-	ANR	ANR	ND < 0.30	U
Chrysene	ug/L	-/-	ANR	ANR	ND < 2.8	U
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ND < 0.22	U
delta-BHC	ug/L	-/-	ANR	ANR	ND < 0.020	U
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ND < 4.7	UJ (I)
Dibenzofuran	ug/L	-/-	ANR	ANR	ND < 2.6	U
Dibromochloromethane	ug/L	-/-	ANR	ANR	ND < 0.28	U
Dieldrin	ug/L	-/-	ANR	ANR	ND < 0.015	U
Diethylphthalate	ug/L	-/-	ANR	ANR	ND < 3.1	U
Dimethylphthalate	ug/L	-/-	ANR	ANR	ND < 3.6	U
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ND < 2.8	U
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ND < 4.7	U
Endosulfan I	ug/L	-/-	ANR	ANR	ND < 0.015	U

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

OUTFALL 004 (SRE)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Endosulfan II	ug/L	-/-	ANR	ANR	ND < 0.040	U
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ND < 0.015	U
Endrin	ug/L	-/-	ANR	ANR	ND < 0.015	UJ (C)
Endrin aldehyde	ug/L	-/-	ANR	ANR	ND < 0.045	U
Endrin ketone	ug/L	-/-	ANR	ANR	ND < 0.020	U
Fluoranthene	ug/L	-/-	ANR	ANR	ND < 4.2	U
Fluorene	ug/L	-/-	ANR	ANR	ND < 3.9	U
Heptachlor	ug/L	-/-	ANR	ANR	ND < 0.030	UJ (C)
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ND < 0.020	U
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ND < 4.8	U
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ND < 4.2	U
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ND < 3.4	U
Hexachloroethane	ug/L	-/-	ANR	ANR	ND < 4.2	U
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ND < 5.4	UJ (I)
Isophorone	ug/L	-/-	ANR	ANR	ND < 3.7	U
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ND < 0.015	UJ (C)
Methoxychlor	ug/L	-/-	ANR	ANR	ND < 0.035	U
Methylene Chloride	ug/L	-/-	ANR	ANR	ND < 0.48	U (T)
m-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 4.5	U
Naphthalene	ug/L	-/-	ANR	ANR	ND < 4.5	U
Nitrobenzene	ug/L	-/-	ANR	ANR	ND < 4.2	U
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ND < 3.7	U
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ND < 3.6	U
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ND < 4.0	U
o-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 3.9	U
p-Cresol	ug/L	-/-	ANR	ANR	ND < 3.8	U
Pentachlorophenol	ug/L	-/-	ANR	ANR	ND < 4.0	U
Phenanthrene	ug/L	-/-	ANR	ANR	ND < 3.3	U
Phenol	ug/L	-/-	ANR	ANR	ND < 4.0	U
p-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 4.9	U
Pyrene	ug/L	-/-	ANR	ANR	ND < 3.9	U
Toxaphene	ug/L	-/-	ANR	ANR	ND < 1.5	U
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ND < 0.27	U
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ND < 0.24	U



OUTFALL 004 (SRE)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/4/2005		3/19/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	3.5	*	7.4	--
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	1.1	*	0.84	--
Oil & Grease	mg/L	15/-	ND < 0.94	B	1.3	J (DNQ)
Perchlorate	ug/L	6.0/-	ANR	ANR	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	6.8	*	6.6	*
Sulfate	mg/L	250/-	4.6	*	11	--
Temperature	deg. F	86/-	56.7	*	55.6	*
Total Cyanide	ug/L	-/-	ANR	ANR	ANR	ANR
Total Dissolved Solids	mg/L	850/-	110	*	160	--
Total Suspended Solids	mg/L	-/-	ND < 10	*	ND < 10	U
Volume Discharged	MGD	17.8/-	ANR	ANR	ANR	ANR
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	15/-	ANR	ANR	ANR	ANR
Gross Beta	pCi/L	50/-	ANR	ANR	ANR	ANR
Strontium-90	pCi/L	8.0/-	ANR	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	20000/-	ANR	ANR	ANR	ANR
<b>METALS</b>						
Aluminum	ug/L	-/-	ANR	ANR	ANR	ANR
Antimony	ug/L	6.0/-	ND < 0.18	*	0.68	UJ (B,\$)
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	4.0/-	0.040	J* (DNQ)	0.094	J (DNQ)
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	14.0/-	2.7	*	7.7	--
Lead	ug/L	-/-	0.49	J (DNQ)	0.83	J (DNQ)
Mercury	ug/L	0.13/-	0.066	J* (DNQ)	ND < 0.063	U
Nickel	ug/L	-/-	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR	ANR
Thallium	ug/L	-/-	ANR	ANR	ANR	ANR
Vanadium	ug/L	2.0/-	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ANR	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR	ANR

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

OUTFALL 004 (SRE)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/4/2005		3/19/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Toluene	ug/L	-/-	ANR	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR

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

OUTFALL 004 (SRE)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/4/2005		3/19/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR

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

OUTFALL 004 (SRE)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/4/2005		3/19/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR

OUTFALL 004 (SRE)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY - ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date January 3, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	1.60E-06	5.00E-05	8.80E-06	UJ (B)	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	1.70E-06	2.10E-06	ND	UJ (*10)	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	2.20E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.60E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	1.60E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.50E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	1.30E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.40E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	2.00E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	2.60E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.70E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	1.10E-06	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.20E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	3.10E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	2.70E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	3.30E-06	1.00E-04	1.10E-04	UJ (B)	0.0001	ND	ND
OCDF	2.10E-06	1.00E-04	9.00E-06	UJ (B)	0.0001	ND	ND

TCDD TEQ w/ DNQ Values

TCDD TEQ w/out DNQ Values

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 004 (SRE)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY - ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date January 10, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEST	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)	
1,2,3,4,6,7,8-HpCDD	1.20E-06	5.00E-05	6.50E-06	UJ (B)	0.01	ND	ND	
1,2,3,4,6,7,8-HpCDF	2.70E-06	5.00E-05	ND	U	0.01	ND	ND	
1,2,3,4,7,8,9-HpCDF	2.10E-06	5.00E-05	ND	U	0.01	ND	ND	
1,2,3,4,7,8-HxCDD	2.30E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,4,7,8-HxCDF	1.70E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,6,7,8-HxCDD	1.50E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,6,7,8-HxCDF	1.50E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8,9-HxCDD	1.90E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8,9-HxCDF	1.40E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8-PeCDD	3.50E-06	5.00E-05	ND	U	1	ND	ND	
1,2,3,7,8-PeCDF	2.50E-06	5.00E-05	ND	U	0.05	ND	ND	
2,3,4,6,7,8-HxCDF	1.20E-06	5.00E-05	ND	U	0.1	ND	ND	
2,3,4,7,8-PeCDF	1.90E-06	5.00E-05	ND	U	0.5	ND	ND	
2,3,7,8-TCDD	3.30E-06	1.00E-05	ND	U	1	ND	ND	
2,3,7,8-TCDF	3.00E-06	1.00E-05	ND	U	0.1	ND	ND	
OCDD	2.70E-06	1.00E-04	8.50E-05	UJ (B)	0.0001	ND	ND	
OCDF	1.40E-06	1.00E-04	3.60E-06	UJ (B)	0.0001	ND	ND	
<b>TCDD TEQ w/ DNQ Values</b>							ND	ND
<b>TCDD TEQ w/out DNQ Values</b>							ND	ND

Dioxin TCDD TEQ compliance limit established for this outfall? **Yes**

TCDD TEQ PERMIT LIMIT = 2.80E-08

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

**OUTFALL 004 (SRE)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY - ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date January 28, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)	
1,2,3,4,6,7,8-HpCDD	1.80E-06	5.00E-05	4.60E-06	J (DNQ,I)	0.01	4.60E-08	ND	
1,2,3,4,6,7,8-HpCDF	1.20E-06	5.00E-05	ND	UJ (I)	0.01	ND	ND	
1,2,3,4,7,8,9-HpCDF	1.80E-06	5.00E-05	ND	UJ (I)	0.01	ND	ND	
1,2,3,4,7,8-HxCDD	1.70E-06	5.00E-05	ND	UJ (I)	0.1	ND	ND	
1,2,3,4,7,8-HxCDF	1.70E-06	5.00E-05	ND	UJ (I)	0.1	ND	ND	
1,2,3,6,7,8-HxCDD	1.80E-06	5.00E-05	ND	UJ (I)	0.1	ND	ND	
1,2,3,6,7,8-HxCDF	1.60E-06	5.00E-05	ND	UJ (I)	0.1	ND	ND	
1,2,3,7,8,9-HxCDD	1.40E-06	5.00E-05	ND	UJ (I)	0.1	ND	ND	
1,2,3,7,8,9-HxCDF	8.60E-07	5.00E-05	ND	UJ (I)	0.1	ND	ND	
1,2,3,7,8-PeCDD	1.80E-06	5.00E-05	ND	UJ (I)	1	ND	ND	
1,2,3,7,8-PeCDF	2.20E-06	5.00E-05	ND	UJ (I)	0.05	ND	ND	
2,3,4,6,7,8-HxCDF	1.10E-06	5.00E-05	ND	UJ (I)	0.1	ND	ND	
2,3,4,7,8-PeCDF	1.80E-06	5.00E-05	ND	UJ (I)	0.5	ND	ND	
2,3,7,8-TCDD	4.00E-06	1.00E-05	ND	UJ (I)	1	ND	ND	
2,3,7,8-TCDF	4.20E-06	1.00E-05	ND	UJ (I)	0.1	ND	ND	
OCDD	2.00E-06	1.00E-04	4.30E-05	J (I,DNQ)	0.0001	4.30E-09	ND	
OCDF	1.20E-06	1.00E-04	6.20E-06	UJ (B,I)	0.0001	ND	ND	
<b>TCDD TEQ w/ DNQ Values</b>							<b>5.03E-08</b>	
<b>TCDD TEQ w/out DNQ Values</b>								<b>ND</b>

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 004 (SRE)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY - ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date February 11, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	5.97E-06	5.00E-05	1.21E-05	J (DNQ)	0.01	1.21E-07	ND
1,2,3,4,6,7,8-HpCDF	1.51E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	1.69E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	2.74E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	1.95E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	2.88E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	8.15E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	3.13E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	9.90E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	2.04E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.03E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	7.80E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	2.11E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	1.44E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	2.78E-04	1.00E-05	ND	U	0.1	ND	ND
OCDD	1.18E-05	1.00E-04	1.63E-04	--	0.0001	1.63E-08	1.63E-08
OCDF	2.59E-06	1.00E-04	ND	U	0.0001	ND	ND
<b>TCDD TEQ w/ DNQ Values</b>						<b>1.37E-07</b>	<b>1.63E-08</b>
<b>TCDD TEQ w/out DNQ Values</b>							

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 004 (SRE)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY - ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date February 18, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	5.00E-05	2.26E-05	J (DNQ)	0.01	2.26E-07	ND
1,2,3,4,6,7,8-HpCDF	0.00E+00	5.00E-05	4.20E-06	J (DNQ)	0.01	4.20E-08	ND
1,2,3,4,7,8,9-HpCDF	2.86E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	4.25E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	1.94E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	4.14E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	1.86E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	4.18E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	3.16E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.38E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDF	2.94E-06	5.00E-05	ND	U	1	ND	ND
2,3,4,6,7,8-HxCDF	2.11E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,7,8-PeCDF	2.70E-06	5.00E-05	ND	U	0.1	ND	ND
2,3,7,8-TCDD	1.86E-06	1.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDF	1.65E-06	1.00E-05	ND	U	1	ND	ND
OCDD	0.00E+00	1.00E-04	2.62E-04	U	0.1	ND	ND
OCDF	0.00E+00	8.06E-06	ND	UJ (*10)	0.0001	2.62E-08	2.62E-08

TCDD TEQ w/ DNQ Values

TCDD TEQ w/out DNQ Values

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 004 (SRE)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date March 4, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEST	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	5.00E-05	1.57E-05	J (DNQ)	0.01	1.57E-07	ND
1,2,3,4,6,7,8-HpCDF	0.00E+00	5.00E-05	2.98E-06	J (DNQ)	0.01	2.98E-08	ND
1,2,3,4,7,8,9-HpCDF	1.01E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	2.56E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	7.05E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	2.56E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	6.92E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	2.55E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.13E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.64E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	2.57E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	7.47E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	2.28E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	1.38E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	1.54E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	1.00E-04	2.16E-04	--	0.0001	2.16E-08	2.16E-08
OCDF	0.00E+00	1.00E-04	6.09E-06	J (DNQ)	0.0001	6.09E-10	ND
<b>TCDD TEQ w/ DNQ Values</b>							
<b>TCDD TEQ w/out DNQ Values</b>							
						2.09E-07	2.16E-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 004 (SRE)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

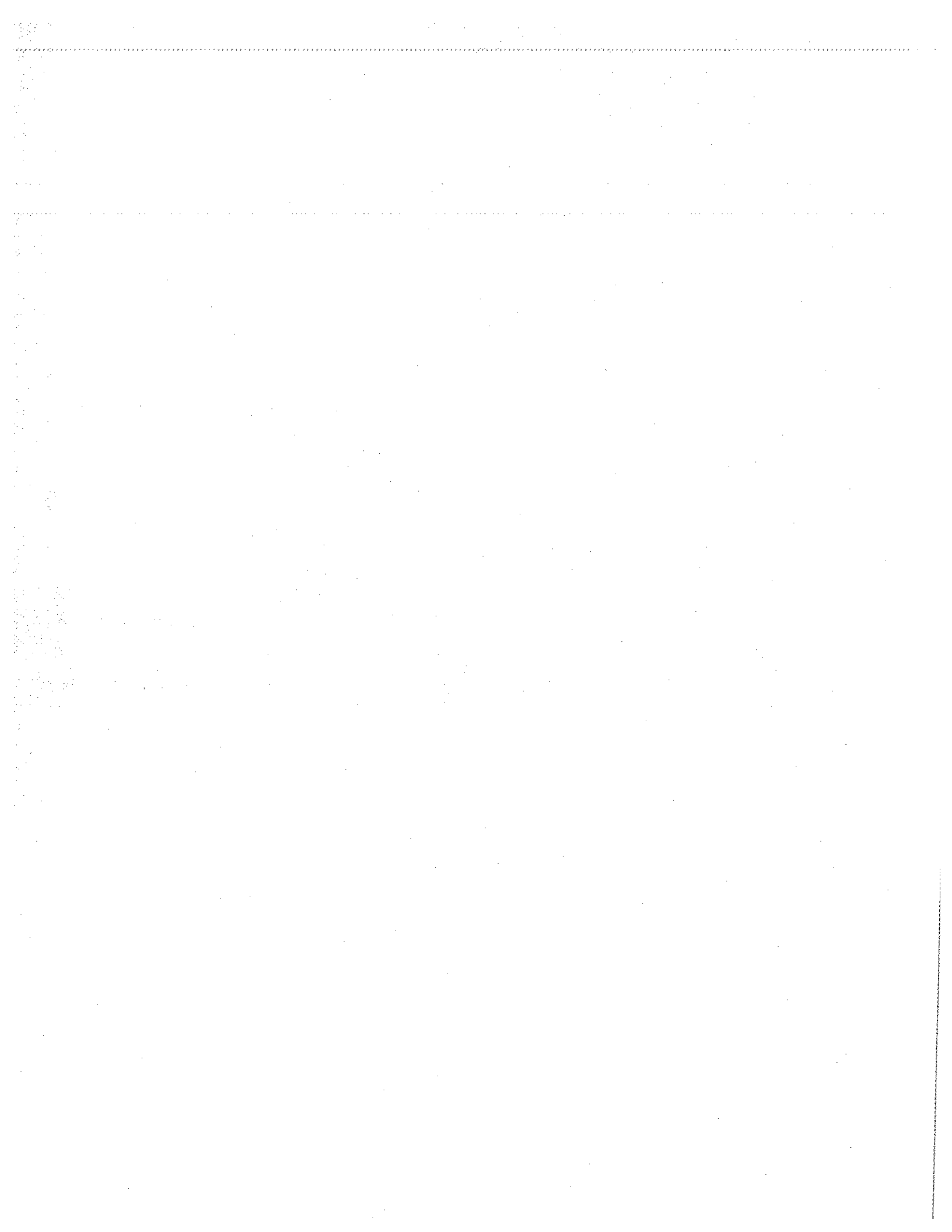
Sample Date March 19, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEQ	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	5.00E-05	1.48E-05	J (DNQ)	0.01	1.48E-07	ND	
1,2,3,4,6,7,8-HpCDF	0.00E+00	5.00E-05	2.03E-06	J (DNQ)	0.01	2.03E-08	ND	
1,2,3,4,7,8,9-HpCDF	9.58E-07	5.00E-05	ND	U	0.01	ND	ND	
1,2,3,4,7,8-HxCDD	1.65E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,4,7,8-HxCDF	5.22E-07	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,6,7,8-HxCDD	1.64E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,6,7,8-HxCDF	4.90E-07	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8,9-HxCDD	1.64E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8,9-HxCDF	8.68E-07	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8-PeCDD	9.84E-07	5.00E-05	ND	U	1	ND	ND	
1,2,3,7,8-PeCDF	1.40E-06	5.00E-05	ND	U	0.05	ND	ND	
2,3,4,6,7,8-HxCDF	5.83E-07	5.00E-05	ND	U	0.1	ND	ND	
2,3,4,7,8-PeCDF	1.23E-06	5.00E-05	ND	U	0.5	ND	ND	
2,3,7,8-TCDD	6.76E-07	1.00E-05	ND	U	1	ND	ND	
2,3,7,8-TCDF	8.87E-07	1.00E-05	ND	U	0.1	ND	ND	
OCDD	0.00E+00	1.00E-04	1.77E-04	--	0.0001	1.77E-08	1.77E-08	
OCDF	0.00E+00	1.00E-04	4.63E-06	J (DNQ)	0.0001	4.63E-10	ND	
<b>TCDD TEQ w/ DNQ Values</b>							<b>1.86E-07</b>	<b>1.77E-08</b>
<b>TCDD TEQ w/out DNQ Values</b>								

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 005 (FSDF-1)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/3/2005		1/10/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	1.0	*	1.3	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	4.6	*	3.3	*
Oil & Grease	mg/L	15/-	ND < 0.94	*	5.4	B*
Perchlorate	ug/L	6.0/-	ANR	ANR	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	7.10	*	6.90	*
Sulfate	mg/L	250/-	2.7	*	2.5	*
Temperature	deg. F	86/-	49.8	*	57.7	*
Total Cyanide	ug/L	-/-	ANR	ANR	ANR	ANR
Total Dissolved Solids	mg/L	850/-	84	*	68	*
Total Suspended Solids	mg/L	-/-	ANR	ANR	ANR	ANR
Volume Discharged	MGD	17.8/-	ANR	ANR	ANR	ANR
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	15/-	ANR	ANR	ANR	ANR
Gross Beta	pCi/L	50/-	ANR	ANR	ANR	ANR
Strontium-90	pCi/L	8.0/-	ANR	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	20000/-	ANR	ANR	ANR	ANR
<b>METALS</b>						
Aluminum	ug/L	-/-	ANR	ANR	ANR	ANR
Antimony	ug/L	6.0/-	ND < 0.18	*	0.31	J* (DNQ)
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	4.0/-	0.026	J* (DNQ)	0.017	J* (DNQ)
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	14.0/-	0.71	B, J* (DNQ)	1.0	J* (DNQ)
Lead	ug/L	-/-	0.19	J (DNQ)	0.36	J (DNQ)
Mercury	ug/L	0.13/-	0.13	J* (DNQ)	0.12	J* (DNQ)
Nickel	ug/L	-/-	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR	ANR
Thallium	ug/L	2.0/-	ANR	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ANR	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR	ANR

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

OUTFALL 005 (FSDF-1)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/3/2005		1/10/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Toluene	ug/L	-/-	ANR	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR

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



OUTFALL 005 (FSDF-1)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/3/2005		1/10/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 005 (FSDF-1)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/3/2005		1/10/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR

OUTFALL 005 (FSDF-1)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/27/2005	
			RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	0.76	*
Fluoride	mg/L	1.6/-	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	1.3	*
Oil & Grease	mg/L	15/-	ND < 0.94	*
Perchlorate	ug/L	6.0/-	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	7.40	*
Sulfate	mg/L	250/-	1.8	*
Temperature	deg. F	86/-	53.4	*
Total Cyanide	ug/L	-/-	ANR	ANR
Total Dissolved Solids	mg/L	850/-	81	*
Total Suspended Solids	mg/L	-/-	ANR	ANR
Volume Discharged	MGD	17.8/-	ANR	ANR
<b>RADIOACTIVITY</b>				
Gross Alpha	pCi/L	15/-	ANR	ANR
Gross Beta	pCi/L	50/-	ANR	ANR
Strontium-90	pCi/L	8.0/-	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	ANR	ANR
Tritium	pCi/L	20000/-	ANR	ANR
<b>METALS</b>				
Aluminum	ug/L	-/-	ANR	ANR
Antimony	ug/L	6.0/-	ND < 0.18	*
Arsenic	ug/L	-/-	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR
Cadmium	ug/L	4.0/-	ND < 0.015	*
Chromium	ug/L	-/-	ANR	ANR
Copper	ug/L	14.0/-	0.93	J* (DNQ)
Lead	ug/L	-/-	0.32	J (DNQ)
Mercury	ug/L	0.13/-	0.14	J* (DNQ)
Nickel	ug/L	-/-	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR
Silver	ug/L	-/-	ANR	ANR
Thallium	ug/L	2.0/-	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR
<b>ORGANICS</b>				
Benzene	ug/L	-/-	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR

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

OUTFALL 005 (FSDF-1)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/27/2005	
			RESULT	VALIDATION QUALIFIER
Toluene	ug/L	-/-	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR
<b>ADDITIONAL ANALYTES</b>				
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR

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 and other explanations for the data presented.

OUTFALL 005 (FSDF-1)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/27/2005	
			RESULT	VALIDATION QUALIFIER
Aroclor-1248	ug/L	-/-	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR
Benzo(g,h,l)perylene	ug/L	-/-	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR

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

OUTFALL 005 (FSDF-1)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/27/2005	
			RESULT	VALIDATION QUALIFIER
Isophorone	ug/L	-/-	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR

**OUTFALL 005 (FSDF-1)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	ND < 0.26	*	1.1	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	0.26	*	0.14	*
Oil & Grease	mg/L	15/-	ND < 0.94	*	ND < 0.94	*
Perchlorate	ug/L	6.0/-	ANR	ANR	ND < 0.80	*
pH (Field)	pH units	6.5-8.5/-	7.6	*	7.5	*
Sulfate	mg/L	250/-	0.41	J* (DNQ)	1.3	*
Temperature	deg. F	86/-	54.1	*	53.6	*
Total Cyanide	ug/L	-/-	ANR	ANR	ND < 2.2	UJ (B)
Total Dissolved Solids	mg/L	850/-	82	*	21	*
Total Suspended Solids	mg/L	-/-	ND < 10	*	ND < 10	U
Volume Discharged	MGD	17.8/-	ANR	ANR	ANR	ANR
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	15/-	ANR	ANR	-0.252 /±0.33	U
Gross Beta	pCi/L	50/-	ANR	ANR	1.75 /±1.2	U
Strontium-90	pCi/L	8.0/-	ANR	ANR	-0.029 /±0.24	U
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	20000/-	ANR	ANR	-3.55 /±150	U
<b>METALS</b>						
Aluminum	ug/L	-/-	ANR	ANR	120	--
Antimony	ug/L	6.0/-	0.44	B, J* (DNQ)	0.20	J* (DNQ)
Arsenic	ug/L	-/-	ANR	ANR	ND < 3.8	UJ (*3)
Beryllium	ug/L	-/-	ANR	ANR	ND < 0.62	U
Boron	mg/L	1.0/-	ANR	ANR	ND < 0.0074	*
Cadmium	ug/L	4.0/-	0.020	J* (DNQ)	ND < 0.015	*
Chromium	ug/L	-/-	ANR	ANR	0.70	J (DNQ)
Copper	ug/L	14.0/-	0.66	J* (DNQ)	ND < 0.49	*
Lead	ug/L	-/-	0.33	J (DNQ)	0.15	J (DNQ)
Mercury	ug/L	0.13/-	0.082	J* (DNQ)	ND < 0.063	*
Nickel	ug/L	-/-	ANR	ANR	ND < 2.0	U
Selenium	ug/L	-/-	ANR	ANR	ND < 4.6	U
Silver	ug/L	-/-	ANR	ANR	2.3	UJ (B,*3)
Thallium	ug/L	2.0/-	ANR	ANR	0.19	J* (DNQ)
Vanadium	ug/L	-/-	ANR	ANR	1.5	J (DNQ)
Zinc	ug/L	-/-	ANR	ANR	13	UJ (B)
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ANR	ANR	ND < 0.28	U
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ND < 0.28	U
Chloroform	ug/L	-/-	ANR	ANR	ND < 0.33	U
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ND < 0.27	U
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ND < 0.28	U
1,1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ND < 0.32	U
Ethylbenzene	ug/L	-/-	ANR	ANR	ND < 0.25	U
Tetrachloroethene	ug/L	-/-	ANR	ANR	ND < 0.32	U

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



OUTFALL 005 (FSDF-1)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Toluene	ug/L	-/-	ANR	ANR	ND < 0.36	U
Xylenes (Total)	ug/L	-/-	ANR	ANR	ND < 0.52	U
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ND < 0.30	UJ (C)
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ND < 0.30	U
Trichloroethene	ug/L	-/-	ANR	ANR	ND < 0.26	U
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ND < 0.34	U
Vinyl chloride	ug/L	-/-	ANR	ANR	ND < 0.26	U
<b>ADDITIONAL ANALYTES</b>						
2,4,5-Trichlorophenol	ug/L	-/-	ANR	ANR	ND < 3.6	U
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ND < 0.24	U
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ND < 4.4	U
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 4.5	U
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.32	U
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ND < 0.35	U
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ND < 5.0	U
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 4.1	U
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.35	U
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 3.9	U
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.37	U
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ND < 4.1	U
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ND < 4.1	U
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ND < 4.4	U
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ND < 5.3	UJ (C)
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ND < 4.2	U
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ND < 3.2	U
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ND < 1.3	U
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ND < 4.0	U
2-Chlorophenol	ug/L	-/-	ANR	ANR	ND < 4.2	U
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ND < 5.1	UJ (C)
2-Methylnaphthalene	ug/L	-/-	ANR	ANR	ND < 3.0	U
2-Methylphenol	ug/L	-/-	ANR	ANR	ND < 3.7	U
2-Nitrophenol	ug/L	-/-	ANR	ANR	ND < 4.2	U
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ND < 11	U
4,4'-DDD	ug/L	-/-	ANR	ANR	ND < 0.015	UJ (C)
4,4'-DDE	ug/L	-/-	ANR	ANR	ND < 0.020	U
4,4'-DDT	ug/L	-/-	ANR	ANR	ND < 0.030	U
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ND < 4.6	U
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ND < 3.5	U
4-Chloroaniline	ug/L	-/-	ANR	ANR	ND < 6.0	U
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ND < 3.0	U
4-Nitrophenol	ug/L	-/-	ANR	ANR	ND < 6.6	U
Acenaphthene	ug/L	-/-	ANR	ANR	ND < 4.3	U
Acenaphthylene	ug/L	-/-	ANR	ANR	ND < 3.2	U
Acrolein	ug/L	-/-	ANR	ANR	ND < 4.6	R (R)
Acrylonitrile	ug/L	-/-	ANR	ANR	ND < 5.1	U

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

OUTFALL 005 (FSDF-1)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR	100	*
Aldrin	ug/L	-/-	ANR	ANR	ND < 0.030	U
alpha-BHC	ug/L	-/-	ANR	ANR	ND < 0.015	U
Aniline	ug/L	-/-	ANR	ANR	ND < 2.9	U
Anthracene	ug/L	-/-	ANR	ANR	ND < 3.2	U
Aroclor-1016	ug/L	-/-	ANR	ANR	ND < 0.20	U
Aroclor-1221	ug/L	-/-	ANR	ANR	ND < 0.10	U
Aroclor-1232	ug/L	-/-	ANR	ANR	ND < 0.15	U
Aroclor-1242	ug/L	-/-	ANR	ANR	ND < 0.15	U
Aroclor-1248	ug/L	-/-	ANR	ANR	ND < 0.25	U
Aroclor-1254	ug/L	-/-	ANR	ANR	ND < 0.25	U
Aroclor-1260	ug/L	-/-	ANR	ANR	ND < 0.40	U
Benzidine	ug/L	-/-	ANR	ANR	ND < 5.2	UJ (*5)
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ND < 3.7	U
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ND < 3.5	UJ (I)
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ND < 2.7	UJ (I)
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ND < 5.3	UJ (I)
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ND < 3.4	UJ (I)
Benzoic acid	ug/L	-/-	ANR	ANR	ND < 2.6	UJ (C)
Benzyl alcohol	ug/L	-/-	ANR	ANR	ND < 2.5	U
beta-BHC	ug/L	-/-	ANR	ANR	ND < 0.015	U
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ND < 4.4	U
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ND < 5.2	U
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ND < 3.9	U
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ND < 4.6	U
Bromodichloromethane	ug/L	-/-	ANR	ANR	ND < 0.30	U
Bromoform	ug/L	-/-	ANR	ANR	ND < 0.32	U
Bromomethane	ug/L	-/-	ANR	ANR	ND < 0.34	U
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ND < 3.5	U
Chlordane	ug/L	-/-	ANR	ANR	ND < 0.20	U
Chlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.36	U
Chloroethane	ug/L	-/-	ANR	ANR	ND < 0.33	U
Chloromethane	ug/L	-/-	ANR	ANR	ND < 0.30	U
Chrysene	ug/L	-/-	ANR	ANR	ND < 2.8	U
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ND < 0.22	U
delta-BHC	ug/L	-/-	ANR	ANR	ND < 0.020	U
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ND < 4.7	UJ (I)
Dibenzofuran	ug/L	-/-	ANR	ANR	ND < 2.6	U
Dibromochloromethane	ug/L	-/-	ANR	ANR	ND < 0.28	U
Dieldrin	ug/L	-/-	ANR	ANR	ND < 0.015	U
Diethylphthalate	ug/L	-/-	ANR	ANR	ND < 3.1	U
Dimethylphthalate	ug/L	-/-	ANR	ANR	ND < 3.6	U
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ND < 2.8	U
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ND < 4.7	U
Endosulfan I	ug/L	-/-	ANR	ANR	ND < 0.015	U

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OUTFALL 005 (FSDF-1)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Endosulfan II	ug/L	-/-	ANR	ANR	ND < 0.040	U
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ND < 0.015	U
Endrin	ug/L	-/-	ANR	ANR	ND < 0.015	UJ (C)
Endrin aldehyde	ug/L	-/-	ANR	ANR	ND < 0.045	U
Endrin ketone	ug/L	-/-	ANR	ANR	ND < 0.020	U
Fluoranthene	ug/L	-/-	ANR	ANR	ND < 4.2	U
Fluorene	ug/L	-/-	ANR	ANR	ND < 3.9	U
Heptachlor	ug/L	-/-	ANR	ANR	ND < 0.030	UJ (C)
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ND < 0.020	U
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ND < 4.8	U
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ND < 4.2	U
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ND < 3.4	U
Hexachloroethane	ug/L	-/-	ANR	ANR	ND < 4.2	U
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ND < 5.4	UJ (I)
Isophorone	ug/L	-/-	ANR	ANR	ND < 3.7	U
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ND < 0.015	U
Methoxychlor	ug/L	-/-	ANR	ANR	ND < 0.035	U
Methylene Chloride	ug/L	-/-	ANR	ANR	1.4	J (DNQ)
m-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 4.5	U
Naphthalene	ug/L	-/-	ANR	ANR	ND < 4.5	U
Nitrobenzene	ug/L	-/-	ANR	ANR	ND < 4.2	U
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ND < 3.7	U
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ND < 3.6	U
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ND < 4.0	U
o-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 3.9	U
p-Cresol	ug/L	-/-	ANR	ANR	ND < 3.8	U
Pentachlorophenol	ug/L	-/-	ANR	ANR	ND < 4.0	U
Phenanthrene	ug/L	-/-	ANR	ANR	ND < 3.3	U
Phenol	ug/L	-/-	ANR	ANR	ND < 4.0	U
p-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 4.9	U
Pyrene	ug/L	-/-	ANR	ANR	ND < 3.9	U
Toxaphene	ug/L	-/-	ANR	ANR	ND < 1.5	U
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ND < 0.27	U
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ND < 0.24	U

**OUTFALL 005 (FSDF-1)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**March 1 through March 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/4/2005		3/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	1.3	*	2.2	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	1.5	*	3.1	*
Oil & Grease	mg/L	15/-	1	B, J* (DNQ)	ND < 0.94	*
Perchlorate	ug/L	6.0/-	ANR	ANR	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	7.0	*	7.0	*
Sulfate	mg/L	250/-	2.0	*	5.5	*
Temperature	deg. F	86/-	55.2	*	59.5	*
Total Cyanide	ug/L	-/-	ANR	ANR	ANR	ANR
Total Dissolved Solids	mg/L	850/-	50	*	51	*
Total Suspended Solids	mg/L	-/-	ND < 10	*	ND < 10	*
Volume Discharged	MGD	17.8/-	ANR	ANR	ANR	ANR
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	15/-	ANR	ANR	ANR	ANR
Gross Beta	pCi/L	50/-	ANR	ANR	ANR	ANR
Strontium-90	pCi/L	8.0/-	ANR	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	20000/-	ANR	ANR	ANR	ANR
<b>METALS</b>						
Aluminum	ug/L	-/-	ANR	ANR	ANR	ANR
Antimony	ug/L	6.0/-	ND < 0.18	*	0.64	B, J* (DNQ)
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	4.0/-	ND < 0.015	*	0.034	B, J* (DNQ)
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	14.0/-	0.96	J* (DNQ)	3.3	*
Lead	ug/L	-/-	ND < 0.13	U	0.50	J (DNQ)
Mercury	ug/L	0.13/-	ND < 0.063	*	ND < 0.063	*
Nickel	ug/L	-/-	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR	ANR
Thallium	ug/L	-/-	ANR	ANR	ANR	ANR
Vanadium	ug/L	2.0/-	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ANR	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR	ANR

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

OUTFALL 005 (FSDF-1)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/4/2005		3/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Toluene	ug/L	-/-	ANR	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR

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

OUTFALL 005 (FSDF-1)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/4/2005		3/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 005 (FSDF-1)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**March 1 through March 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/4/2005		3/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR



OUTFALL 005 (FSDF-1)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY - ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date January 3, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)	
1,2,3,4,6,7,8-HpCDD	1.90E-06	5.00E-05	2.10E-05	J (DNQ)	0.01	2.10E-07	ND	
1,2,3,4,6,7,8-HpCDF	3.30E-06	5.00E-05	1.10E-05	J (DNQ)	0.01	1.10E-07	ND	
1,2,3,4,7,8,9-HpCDF	1.80E-06	5.00E-05	ND	U	0.01	ND	ND	
1,2,3,4,7,8-HxCDD	2.20E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,4,7,8-HxCDF	2.30E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,6,7,8-HxCDD	2.00E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,6,7,8-HxCDF	1.80E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8,9-HxCDD	1.40E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8,9-HxCDF	1.50E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8-PeCDD	2.30E-06	5.00E-05	ND	U	1	ND	ND	
1,2,3,7,8-PeCDF	2.30E-06	5.00E-05	ND	U	0.05	ND	ND	
2,3,4,6,7,8-HxCDF	1.30E-06	5.00E-05	ND	U	0.1	ND	ND	
2,3,4,7,8-PeCDF	1.40E-06	5.00E-05	ND	U	0.5	ND	ND	
2,3,7,8-TCDD	3.40E-06	1.00E-05	ND	U	1	ND	ND	
2,3,7,8-TCDF	4.00E-06	1.00E-05	ND	U	0.1	ND	ND	
OCDD	3.00E-06	1.00E-04	3.10E-04	--	0.0001	3.10E-08	3.10E-08	
OCDF	3.50E-06	1.00E-04	7.90E-05	J (DNQ)	0.0001	7.90E-09	ND	
<b>TCDD TEQ w/ DNQ Values</b>							<b>3.59E-07</b>	<b>3.10E-08</b>
<b>TCDD TEQ w/out DNQ Values</b>								

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 005 (FSDF-1)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY - ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date January 10, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	1.70E-06	5.00E-05	7.80E-06	UJ (B)	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	1.20E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	1.70E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.50E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	1.60E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.40E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	9.40E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.50E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.10E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	2.20E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.90E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	1.00E-06	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.40E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	3.00E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	2.20E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	2.30E-06	1.00E-04	2.60E-04	--	0.0001	2.60E-08	2.60E-08
OCDF	2.20E-06	4.00E-06	ND	UJ (*10)	0.0001	ND	ND

TCDD TEQ w/ DNQ Values

TCDD TEQ w/out DNQ Values

2.60E-08

2.60E-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 005 (FSDF-1)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY - ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date January 27, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)	
1,2,3,4,6,7,8-HpCDD	1.50E-06	5.00E-05	2.80E-06	J (DNQ,I)	0.01	2.80E-08	ND	
1,2,3,4,6,7,8-HpCDF	1.00E-06	5.00E-05	ND	UJ (I)	0.01	ND	ND	
1,2,3,4,7,8,9-HpCDF	1.70E-06	5.00E-05	ND	UJ (I)	0.01	ND	ND	
1,2,3,4,7,8-HxCDD	1.70E-06	5.00E-05	ND	UJ (I)	0.1	ND	ND	
1,2,3,4,7,8-HxCDF	1.50E-06	5.00E-05	ND	UJ (I)	0.1	ND	ND	
1,2,3,6,7,8-HxCDD	1.60E-06	5.00E-05	ND	UJ (I)	0.1	ND	ND	
1,2,3,6,7,8-HxCDF	1.40E-06	5.00E-05	ND	UJ (I)	0.1	ND	ND	
1,2,3,7,8,9-HxCDD	1.40E-06	5.00E-05	ND	UJ (I)	0.1	ND	ND	
1,2,3,7,8,9-HxCDF	1.00E-06	5.00E-05	ND	UJ (I)	0.1	ND	ND	
1,2,3,7,8-PeCDD	2.70E-06	5.00E-05	ND	UJ (I)	0.1	ND	ND	
1,2,3,7,8-PeCDF	3.40E-06	5.00E-05	ND	UJ (I)	1	ND	ND	
2,3,4,6,7,8-HxCDF	1.20E-06	5.00E-05	ND	UJ (I)	0.05	ND	ND	
2,3,4,7,8-PeCDF	1.90E-06	5.00E-05	ND	UJ (I)	0.1	ND	ND	
2,3,7,8-TCDD	1.00E-05	1.00E-05	ND	UJ (I)	0.5	ND	ND	
2,3,7,8-TCDF	1.20E-05	1.00E-05	ND	UJ (I)	1	ND	ND	
OCDD	1.70E-06	1.00E-04	2.90E-05	R (I)	0.1	ND	ND	
OCDF	1.20E-06	1.00E-04	4.40E-06	J (DNQ,I)	0.0001	2.90E-09	ND	
<b>TCDD TEQ w/ DNQ Values</b>							ND	ND
<b>TCDD TEQ w/out DNQ Values</b>							3.09E-08	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 005 (FSDF-I)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY - ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date February 11, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)	
1,2,3,4,6,7,8-HpCDD	5.34E-06	5.00E-05	ND	U	0.01	ND	ND	
1,2,3,4,6,7,8-HpCDF	2.59E-06	5.00E-05	ND	U	0.01	ND	ND	
1,2,3,4,7,8,9-HpCDF	3.26E-06	5.00E-05	ND	U	0.01	ND	ND	
1,2,3,4,7,8-HxCDD	4.19E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,4,7,8-HxCDF	3.89E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,6,7,8-HxCDD	4.11E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,6,7,8-HxCDF	1.39E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8,9-HxCDD	4.95E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8,9-HxCDF	1.73E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8-PeCDD	3.20E-06	5.00E-05	ND	U	1	ND	ND	
1,2,3,7,8-PeCDF	1.37E-06	5.00E-05	ND	U	0.05	ND	ND	
2,3,4,6,7,8-HxCDF	1.30E-06	5.00E-05	ND	U	0.1	ND	ND	
2,3,4,7,8-PeCDF	3.71E-06	5.00E-05	ND	U	0.5	ND	ND	
2,3,7,8-TCDD	2.29E-06	1.00E-05	ND	U	1	ND	ND	
2,3,7,8-TCDF	3.02E-04	1.00E-05	ND	U	0.1	ND	ND	
OCDD	1.96E-05	1.00E-04	5.61E-05	J (DNQ)	0.0001	5.61E-09	ND	
OCDF	4.59E-06	1.00E-04	ND	U	0.0001	ND	ND	
<b>TCDD TEQ w/ DNQ Values</b>								
<b>TCDD TEQ w/out DNQ Values</b>							5.61E-09	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 005 (FSDF-1)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY - ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date February 18, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	3.83E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	1.99E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	2.23E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	2.61E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	6.42E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	2.54E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	6.22E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	2.56E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.02E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.18E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.91E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	6.70E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.69E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	1.55E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	1.37E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	1.00E-04	4.06E-05	J (DNQ)	0.0001	4.06E-09	ND
OCDF	5.08E-06	1.00E-04	ND	U	0.0001	ND	ND

TCDD TEQ w/ DNQ Values

TCDD TEQ w/out DNQ Values

4.06E-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 005 (FSDF-1)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date March 4, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/E)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	5.00E-05	1.31E-06	J (DNQ)	0.01	1.31E-08	ND
1,2,3,4,6,7,8-HpCDF	9.74E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	9.73E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.43E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	4.57E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.38E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	4.50E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.40E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	7.49E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	6.11E-07	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.53E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	5.24E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.34E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	8.53E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	1.08E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	1.00E-04	1.47E-05	J (DNQ)	0.0001	1.47E-09	ND
OCDF	4.10E-06	1.00E-04	ND	U	0.0001	ND	ND
<b>TCDD TEQ w/ DNQ Values</b>						<b>1.46E-08</b>	<b>ND</b>
<b>TCDD TEQ w/out DNQ Values</b>							

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 005 (FSDF-1)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date March 18, 2005

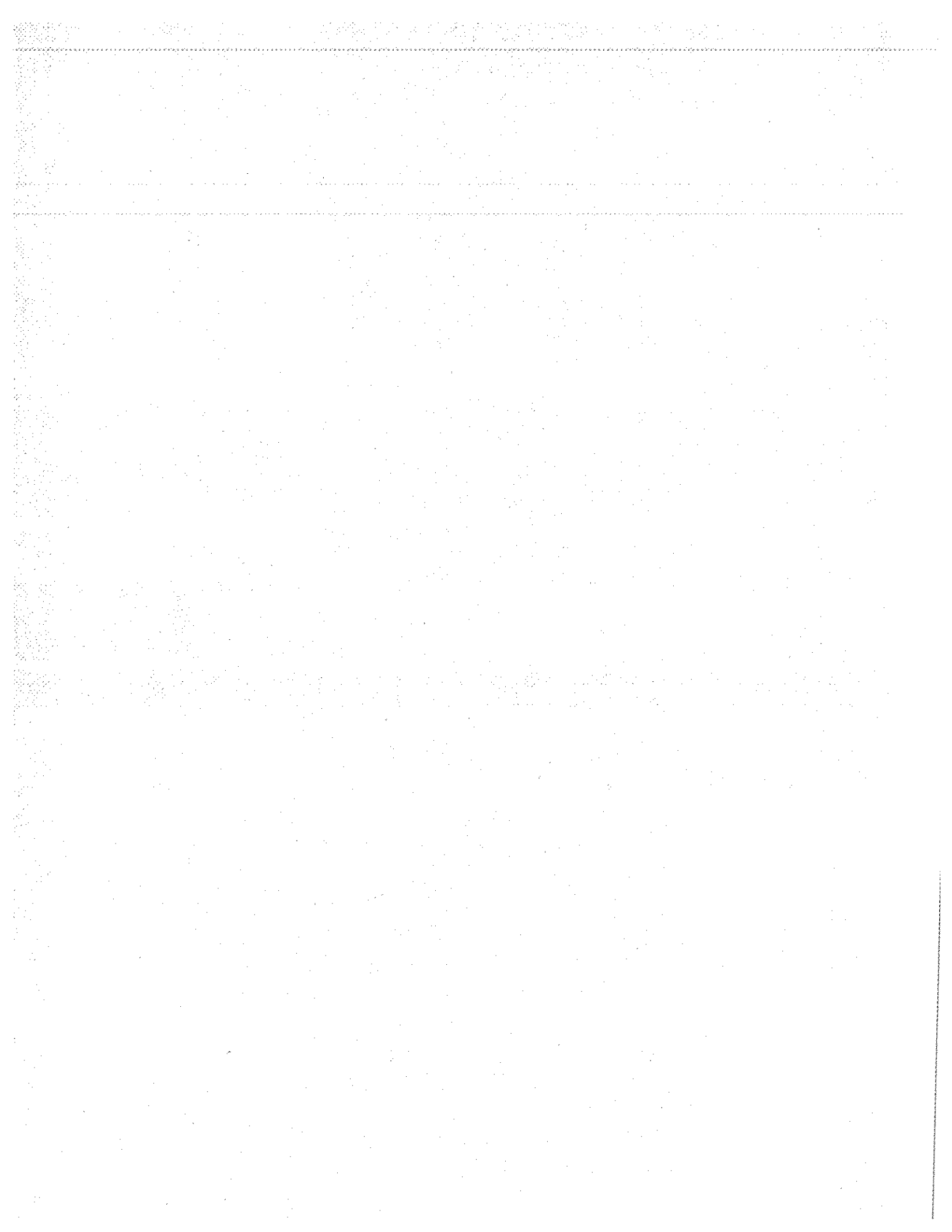
ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	1.87E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	0.00E+00	5.00E-05	8.93E-07	J (DNQ)	0.01	8.93E-09	ND
1,2,3,4,7,8,9-HpCDF	9.90E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.40E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	6.95E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.42E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	6.22E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.41E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.13E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	7.74E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDF	1.25E-06	5.00E-05	ND	U	1	ND	ND
2,3,4,6,7,8-HxCDF	7.23E-07	5.00E-05	ND	U	0.05	ND	ND
2,3,4,7,8-PeCDF	1.12E-06	5.00E-05	ND	U	0.1	ND	ND
2,3,7,8-TCDD	6.87E-07	1.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDF	8.45E-07	1.00E-05	ND	U	1	ND	ND
OCDD	0.00E+00	1.00E-04	1.16E-05	J (DNQ)	0.0001	1.16E-09	ND
OCDF	3.23E-06	1.00E-04	ND	U	0.0001	ND	ND
<b>TCDD TEQ w/ DNQ Values</b>						<b>1.01E-08</b>	<b>ND</b>
<b>TCDD TEQ w/out DNQ Values</b>						<b>1.01E-08</b>	<b>ND</b>

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 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/3/2005		1/10/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	1.5	*	1.1	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	1.3	*	0.59	*
Oil & Grease	mg/L	15/-	ND < 0.94	*	1.4	B, J* (DNQ)
Perchlorate	ug/L	6.0/-	ANR	ANR	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	7.30	*	6.80	*
Sulfate	mg/L	250/-	1.8	*	1.1	*
Temperature	deg. F	86/-	50.7	*	57.6	*
Total Cyanide	ug/L	-/-	ANR	ANR	ANR	ANR
Total Dissolved Solids	mg/L	850/-	120	*	87	*
Total Suspended Solids	mg/L	-/-	ANR	ANR	ANR	ANR
Volume Discharged	MGD	17.8/-	ANR	ANR	ANR	ANR
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	15/-	ANR	ANR	ANR	ANR
Gross Beta	pCi/L	50/-	ANR	ANR	ANR	ANR
Strontium-90	pCi/L	8.0/-	ANR	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	20000/-	ANR	ANR	ANR	ANR
<b>METALS</b>						
Aluminum	ug/L	-/-	ANR	ANR	ANR	ANR
Antimony	ug/L	6.0/-	ND < 0.18	*	1.1	B, J* (DNQ)
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	4.0/-	0.032	J* (DNQ)	0.031	J* (DNQ)
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	14.0/-	2.2	B*	1.9	J* (DNQ)
Lead	ug/L	-/-	0.67	J (DNQ)	0.63	J (DNQ)
Mercury	ug/L	0.13/-	0.18	J* (DNQ)	0.16	J* (DNQ)
Nickel	ug/L	-/-	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR	ANR
Thallium	ug/L	2.0/-	ANR	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ANR	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 006 (FSDF-2)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/3/2005		1/10/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Toluene	ug/L	-/-	ANR	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 006 (FSDF-2)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/3/2005		1/10/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 006 (FSDF-2)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**January 1 through January 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/3/2005		1/10/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR

**OUTFALL 006 (FSDF-2)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/28/2005	
			RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	ND < 0.26	*
Fluoride	mg/L	1.6/-	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	1.2	*
Oil & Grease	mg/L	15/-	ND < 0.94	*
Perchlorate	ug/L	6.0/-	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	7.70	*
Sulfate	mg/L	250/-	2.3	*
Temperature	deg. F	86/-	52.7	*
Total Cyanide	ug/L	-/-	ANR	ANR
Total Dissolved Solids	mg/L	850/-	85	*
Total Suspended Solids	mg/L	-/-	ANR	ANR
Volume Discharged	MGD	17.8/-	ANR	ANR
<b>RADIOACTIVITY</b>				
Gross Alpha	pCi/L	15/-	ANR	ANR
Gross Beta	pCi/L	50/-	ANR	ANR
Strontium-90	pCi/L	8.0/-	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	ANR	ANR
Tritium	pCi/L	20000/-	ANR	ANR
<b>METALS</b>				
Aluminum	ug/L	-/-	ANR	ANR
Antimony	ug/L	6.0/-	0.20	J* (DNQ)
Arsenic	ug/L	-/-	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR
Cadmium	ug/L	4.0/-	0.050	J* (DNQ)
Chromium	ug/L	-/-	ANR	ANR
Copper	ug/L	14.0/-	2.6	*
Lead	ug/L	-/-	1.6	--
Mercury	ug/L	0.13/-	0.13	J* (DNQ)
Nickel	ug/L	-/-	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR
Silver	ug/L	-/-	ANR	ANR
Thallium	ug/L	2.0/-	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR
<b>ORGANICS</b>				
Benzene	ug/L	-/-	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR

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

**OUTFALL 006 (FSDF-2)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**January 1 through January 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/28/2005	
			RESULT	VALIDATION QUALIFIER
Toluene	ug/L	-/-	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR
<b>ADDITIONAL ANALYTES</b>				
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR

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



**OUTFALL 006 (FSDF-2)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**January 1 through January 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/28/2005	
			RESULT	VALIDATION QUALIFIER
Aroclor-1248	ug/L	-/-	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR

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

**OUTFALL 006 (FSDF-2)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**January 1 through January 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/28/2005	
			RESULT	VALIDATION QUALIFIER
Isophorone	ug/L	-/-	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR

**OUTFALL 006 (FSDF-2)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**February 1 through February 28, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	2.2	*	0.96	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	0.40	*	0.37	*
Oil & Grease	mg/L	15/-	ND < 0.94	*	ND < 0.94	*
Perchlorate	ug/L	6.0/-	ANR	ANR	ND < 0.80	*
pH (Field)	pH units	6.5-8.5/-	6.9	*	7.0	*
Sulfate	mg/L	250/-	1.3	*	0.60	*
Temperature	deg. F	86/-	54	*	54.3	*
Total Cyanide	ug/L	-/-	ANR	ANR	ND < 2.2	U
Total Dissolved Solids	mg/L	850/-	100	*	110	*
Total Suspended Solids	mg/L	-/-	100	*	160	--
Volume Discharged	MGD	17.8/-	ANR	ANR	ANR	ANR
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	15/-	ANR	ANR	3.92 ±1.5	J (H)
Gross Beta	pCi/L	50/-	ANR	ANR	9.00 ±1.6	--
Strontium-90	pCi/L	8.0/-	ANR	ANR	-0.081 ±0.29	U
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	20000/-	ANR	ANR	14.2 ±150	U
<b>METALS</b>						
Aluminum	ug/L	-/-	ANR	ANR	9100	--
Antimony	ug/L	6.0/-	ND < 0.18	*	1.3	UJ (\$,B)
Arsenic	ug/L	-/-	ANR	ANR	ND < 3.8	U
Beryllium	ug/L	-/-	ANR	ANR	ND < 0.62	U
Boron	mg/L	1.0/-	ANR	ANR	0.042	B, J*
Cadmium	ug/L	4.0/-	0.098	J* (DNQ)	0.13	J* (DNQ)
Chromium	ug/L	-/-	ANR	ANR	13	*
Copper	ug/L	14.0/-	4.7	*	12	*
Lead	ug/L	-/-	2.5	--	4.5	--
Mercury	ug/L	0.13/-	0.18	J* (DNQ)	0.079	J* (DNQ)
Nickel	ug/L	-/-	ANR	ANR	8.3	J (DNQ)
Selenium	ug/L	-/-	ANR	ANR	4.7	J (*3, DNQ)
Silver	ug/L	-/-	ANR	ANR	ND < 1.3	UJ (B,*3)
Thallium	ug/L	2.0/-	ANR	ANR	0.13	J* (DNQ)
Vanadium	ug/L	-/-	ANR	ANR	23	--
Zinc	ug/L	-/-	ANR	ANR	29	--
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ANR	ANR	ND < 0.28	U
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ND < 0.28	U
Chloroform	ug/L	-/-	ANR	ANR	ND < 0.33	U
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ND < 0.27	U
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ND < 0.28	U
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ND < 0.32	U
Ethylbenzene	ug/L	-/-	ANR	ANR	ND < 0.25	U
Tetrachloroethene	ug/L	-/-	ANR	ANR	ND < 0.32	U

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

OUTFALL 006 (FSDF-2)

FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Toluene	ug/L	-/-	ANR	ANR	ND < 0.36	U
Xylenes (Total)	ug/L	-/-	ANR	ANR	ND < 0.52	U
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ND < 0.30	UJ (C)
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ND < 0.30	U
Trichloroethene	ug/L	-/-	ANR	ANR	ND < 0.26	U
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ND < 0.34	U
Vinyl chloride	ug/L	-/-	ANR	ANR	ND < 0.26	U
<b>ADDITIONAL ANALYTES</b>						
2,4,5-Trichlorophenol	ug/L	-/-	ANR	ANR	ND < 3.6	U
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ND < 0.24	U
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ND < 4.4	U
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 4.5	U
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.32	U
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ND < 0.35	U
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ND < 5.0	U
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 4.1	U
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.35	U
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 3.9	U
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.37	U
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ND < 4.1	U
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ND < 4.1	U
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ND < 4.4	U
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ND < 5.3	UJ (C)
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ND < 4.2	U
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ND < 3.2	U
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ND < 1.3	U
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ND < 4.0	U
2-Chlorophenol	ug/L	-/-	ANR	ANR	ND < 4.2	U
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ND < 5.1	UJ (C)
2-Methylnaphthalene	ug/L	-/-	ANR	ANR	ND < 3.0	U
2-Methylphenol	ug/L	-/-	ANR	ANR	ND < 3.7	U
2-Nitrophenol	ug/L	-/-	ANR	ANR	ND < 4.2	U
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ND < 11	U
4,4'-DDD	ug/L	-/-	ANR	ANR	ND < 0.015	UJ (C)
4,4'-DDE	ug/L	-/-	ANR	ANR	ND < 0.020	U
4,4'-DDT	ug/L	-/-	ANR	ANR	ND < 0.030	U
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ND < 4.6	U
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ND < 3.5	U
4-Chloroaniline	ug/L	-/-	ANR	ANR	ND < 6.0	U
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ND < 3.0	U
4-Nitrophenol	ug/L	-/-	ANR	ANR	ND < 6.6	U
Acenaphthene	ug/L	-/-	ANR	ANR	ND < 4.3	U
Acenaphthylene	ug/L	-/-	ANR	ANR	ND < 3.2	U
Acrolein	ug/L	-/-	ANR	ANR	ND < 4.6	R (R)
Acrylonitrile	ug/L	-/-	ANR	ANR	ND < 5.1	U

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

OUTFALL 006 (FSDF-2)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR	100	*
Aldrin	ug/L	-/-	ANR	ANR	ND < 0.030	U
alpha-BHC	ug/L	-/-	ANR	ANR	ND < 0.015	U
Aniline	ug/L	-/-	ANR	ANR	ND < 2.9	U
Anthracene	ug/L	-/-	ANR	ANR	ND < 3.2	U
Aroclor-1016	ug/L	-/-	ANR	ANR	ND < 0.20	U
Aroclor-1221	ug/L	-/-	ANR	ANR	ND < 0.10	U
Aroclor-1232	ug/L	-/-	ANR	ANR	ND < 0.15	U
Aroclor-1242	ug/L	-/-	ANR	ANR	ND < 0.15	U
Aroclor-1248	ug/L	-/-	ANR	ANR	ND < 0.25	U
Aroclor-1254	ug/L	-/-	ANR	ANR	ND < 0.25	U
Aroclor-1260	ug/L	-/-	ANR	ANR	ND < 0.40	U
Benzidine	ug/L	-/-	ANR	ANR	ND < 5.2	UJ (*5)
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ND < 3.7	U
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ND < 3.5	UJ (I)
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ND < 2.7	UJ (I)
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ND < 5.3	UJ (I)
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ND < 3.4	UJ (I)
Benzoic acid	ug/L	-/-	ANR	ANR	ND < 2.6	UJ (C)
Benzyl alcohol	ug/L	-/-	ANR	ANR	ND < 2.5	U
beta-BHC	ug/L	-/-	ANR	ANR	ND < 0.015	U
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ND < 4.4	U
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ND < 5.2	U
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ND < 3.9	U
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ND < 4.6	U
Bromodichloromethane	ug/L	-/-	ANR	ANR	ND < 0.30	U
Bromoform	ug/L	-/-	ANR	ANR	ND < 0.32	U
Bromomethane	ug/L	-/-	ANR	ANR	ND < 0.34	U
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ND < 3.5	U
Chlordane	ug/L	-/-	ANR	ANR	ND < 0.20	U
Chlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.36	U
Chloroethane	ug/L	-/-	ANR	ANR	ND < 0.33	U
Chloromethane	ug/L	-/-	ANR	ANR	ND < 0.30	U
Chrysene	ug/L	-/-	ANR	ANR	ND < 2.8	U
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ND < 0.22	U
delta-BHC	ug/L	-/-	ANR	ANR	ND < 0.020	U
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ND < 4.7	UJ (I)
Dibenzofuran	ug/L	-/-	ANR	ANR	ND < 2.6	U
Dibromochloromethane	ug/L	-/-	ANR	ANR	ND < 0.28	U
Dieldrin	ug/L	-/-	ANR	ANR	ND < 0.015	U
Diethylphthalate	ug/L	-/-	ANR	ANR	ND < 3.1	U
Dimethylphthalate	ug/L	-/-	ANR	ANR	ND < 3.6	U
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ND < 2.8	U
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ND < 4.7	U
Endosulfan I	ug/L	-/-	ANR	ANR	ND < 0.015	U

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

**OUTFALL 006 (FSDF-2)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Endosulfan II	ug/L	-/-	ANR	ANR	ND < 0.040	U
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ND < 0.015	U
Endrin	ug/L	-/-	ANR	ANR	ND < 0.015	UJ (C)
Endrin aldehyde	ug/L	-/-	ANR	ANR	ND < 0.045	U
Endrin ketone	ug/L	-/-	ANR	ANR	ND < 0.020	U
Fluoranthene	ug/L	-/-	ANR	ANR	ND < 4.2	U
Fluorene	ug/L	-/-	ANR	ANR	ND < 3.9	U
Heptachlor	ug/L	-/-	ANR	ANR	ND < 0.030	UJ (C)
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ND < 0.020	U
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ND < 4.8	U
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ND < 4.2	U
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ND < 3.4	U
Hexachloroethane	ug/L	-/-	ANR	ANR	ND < 4.2	U
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ND < 5.4	UJ (I)
Isophorone	ug/L	-/-	ANR	ANR	ND < 3.7	U
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ND < 0.015	U
Methoxychlor	ug/L	-/-	ANR	ANR	ND < 0.035	U
Methylene Chloride	ug/L	-/-	ANR	ANR	ND < 0.48	U (T)
m-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 4.5	U
Naphthalene	ug/L	-/-	ANR	ANR	ND < 4.5	U
Nitrobenzene	ug/L	-/-	ANR	ANR	ND < 4.2	U
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ND < 3.7	U
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ND < 3.6	U
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ND < 4.0	U
o-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 3.9	U
p-Cresol	ug/L	-/-	ANR	ANR	ND < 3.8	U
Pentachlorophenol	ug/L	-/-	ANR	ANR	ND < 4.0	U
Phenanthrene	ug/L	-/-	ANR	ANR	ND < 3.3	U
Phenol	ug/L	-/-	ANR	ANR	ND < 4.0	U
p-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 4.9	U
Pyrene	ug/L	-/-	ANR	ANR	ND < 3.9	U
Toxaphene	ug/L	-/-	ANR	ANR	ND < 1.5	U
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ND < 0.27	U
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ND < 0.24	U

**OUTFALL 006 (FSDF-2)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**March 1 through March 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/4/2005		3/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	5.0	*	3.2	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	1.9	*	1.7	*
Oil & Grease	mg/L	15/-	ND < 0.94	B*	ND < 0.94	*
Perchlorate	ug/L	6.0/-	ANR	ANR	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	6.9	*	7.2	*
Sulfate	mg/L	250/-	7.3	*	6.8	*
Temperature	deg. F	86/-	55.2	*	57.9	*
Total Cyanide	ug/L	-/-	ANR	ANR	ANR	ANR
Total Dissolved Solids	mg/L	850/-	170	*	140	*
Total Suspended Solids	mg/L	-/-	48	*	ND < 10	*
Volume Discharged	MGD	17.8/-	ANR	ANR	ANR	ANR
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	15/-	ANR	ANR	ANR	ANR
Gross Beta	pCi/L	50/-	ANR	ANR	ANR	ANR
Strontium-90	pCi/L	8.0/-	ANR	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	20000/-	ANR	ANR	ANR	ANR
<b>METALS</b>						
Aluminum	ug/L	-/-	ANR	ANR	ANR	ANR
Antimony	ug/L	6.0/-	0.27	J* (DNQ)	1.1	B, J* (DNQ)
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	4.0/-	0.048	J* (DNQ)	0.055	B, J* (DNQ)
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	14.0/-	4.6	*	5.2	*
Lead	ug/L	-/-	1.7	--	1.2	--
Mercury	ug/L	0.13/-	ND < 0.063	*	ND < 0.063	*
Nickel	ug/L	-/-	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR	ANR
Thallium	ug/L	2.0/-	ANR	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ANR	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR	ANR

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



OUTFALL 006 (FSDF-2)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/4/2005		3/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Toluene	ug/L	-/-	ANR	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR

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

OUTFALL 006 (FSDF-2)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/4/2005		3/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 006 (FSDF-2)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**March 1 through March 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/4/2005		3/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR

OUTFALL 006 (FSDF-2)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY - ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date January 3, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	1.30E-06	5.00E-05	3.20E-06	UJ (B)	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	9.30E-07	5.00E-05	1.70E-06	UJ (B)	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	9.10E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	7.30E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	8.30E-07	9.60E-07	ND	UJ (*10)	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.00E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	9.70E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.10E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	7.30E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.20E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	8.80E-07	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	9.40E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	7.40E-07	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	9.30E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	1.00E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	2.50E-06	1.00E-04	4.00E-05	UJ (B)	0.0001	ND	ND
OCDF	2.50E-06	1.00E-04	9.00E-06	UJ (B)	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 2005 REPORTING SUMMARY  
 THE BOEING COMPANY - ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date January 10, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	1.70E-06	2.80E-06	ND	UJ (*10)	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	1.70E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	1.50E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.60E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	1.40E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.30E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	1.00E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.30E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.30E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	2.40E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	2.30E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	1.10E-06	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.10E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	3.10E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	3.50E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	3.30E-06	1.00E-04	2.90E-05	UJ (B)	0.0001	ND	ND
OCDF	2.70E-06	1.00E-04	9.10E-06	UJ (B)	0.0001	ND	ND

TCDD TEQ w/ DNQ Values	TCDD TEQ w/out DNQ Values
ND	ND

Dioxin TCDD TEQ compliance limit established for this outfall? Yes

TCDD TEQ PERMIT LIMIT = 2.80E-08

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

OUTFALL 006 (FSDF-2)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY - ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date January 28, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	1.90E-06	5.00E-05	5.00E-06	J (DNQ)	0.01	5.00E-08	ND
1,2,3,4,6,7,8-HpCDF	1.60E-06	5.00E-05	2.80E-06	UJ (B)	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	1.90E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.70E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	2.40E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.70E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	1.60E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.40E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	2.20E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	2.80E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	3.80E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	1.20E-06	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.40E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	4.50E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	4.70E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	3.80E-06	1.00E-04	5.50E-05	J (DNQ)	0.0001	5.50E-09	ND
OCDF	1.70E-06	1.00E-04	8.00E-06	UJ (B)	0.0001	ND	ND

TCDD TEQ w/ DNQ Values	5.55E-08	ND
TCDD TEQ w/out DNQ Values		

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 2005 REPORTING SUMMARY  
 THE BOEING COMPANY - ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date February 11, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	1.08E-05	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	2.81E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	4.35E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	5.91E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	3.97E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	5.98E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	1.55E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	7.12E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.91E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	3.14E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	2.58E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	1.42E-06	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	4.02E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	2.87E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	5.45E-04	1.00E-05	ND	U	0.1	ND	ND
OCDD	1.16E-05	1.00E-04	7.02E-05	J (DNQ)	0.0001	7.02E-09	ND
OCDF	7.30E-06	1.00E-04	ND	U	0.0001	ND	ND
TCDD TEQ w/ DNQ Values						7.02E-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 006 (FSDF-2)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY - ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date February 18, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	5.00E-05	1.20E-05	J (DNQ)	0.01	1.20E-07	ND
1,2,3,4,6,7,8-HpCDF	0.00E+00	5.00E-05	2.70E-06	J (DNQ)	0.01	2.70E-08	ND
1,2,3,4,7,8,9-HpCDF	1.03E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	2.29E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	7.60E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	2.35E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	7.41E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	2.29E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.29E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.86E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.08E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	8.47E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.04E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	6.73E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	1.08E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	1.00E-04	1.63E-04	--	0.0001	1.63E-08	1.63E-08
OCDF	0.00E+00	1.00E-04	8.59E-06	J (DNQ)	0.0001	8.59E-10	ND

TCDD TEQ w/ DNQ Values

1.64E-07

TCDD TEQ w/out DNQ Values

1.63E-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 006 (FSDF-2)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date March 4, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)	
1,2,3,4,6,7,8-HpCDD	0.00E+00	5.00E-05	6.94E-06	J (DNQ)	0.01	6.94E-08	ND	
1,2,3,4,6,7,8-HpCDF	0.00E+00	5.00E-05	1.38E-06	J (DNQ)	0.01	1.38E-08	ND	
1,2,3,4,7,8,9-HpCDF	6.08E-07	5.00E-05	ND	U	0.01	ND	ND	
1,2,3,4,7,8-HxCDD	1.12E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,4,7,8-HxCDF	3.91E-07	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,6,7,8-HxCDD	1.15E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,6,7,8-HxCDF	3.94E-07	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8,9-HxCDD	1.13E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8,9-HxCDF	6.38E-07	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8-PeCDD	4.96E-07	5.00E-05	ND	U	1	ND	ND	
1,2,3,7,8-PeCDF	1.20E-06	5.00E-05	ND	U	0.05	ND	ND	
2,3,4,6,7,8-HxCDF	4.23E-07	5.00E-05	ND	U	0.1	ND	ND	
2,3,4,7,8-PeCDF	1.06E-06	5.00E-05	ND	U	0.5	ND	ND	
2,3,7,8-TCDD	8.50E-07	1.00E-05	ND	U	1	ND	ND	
2,3,7,8-TCDF	7.55E-07	1.00E-05	ND	U	0.1	ND	ND	
OCDD	0.00E+00	1.00E-04	7.49E-05	J (DNQ)	0.0001	7.49E-09	ND	
OCDF	0.00E+00	1.00E-04	3.00E-06	J (DNQ)	0.0001	3.00E-10	ND	
<b>TCDD TEQ w/ DNQ Values</b>							<b>9.10E-08</b>	
<b>TCDD TEQ w/out DNQ Values</b>								<b>ND</b>

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 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

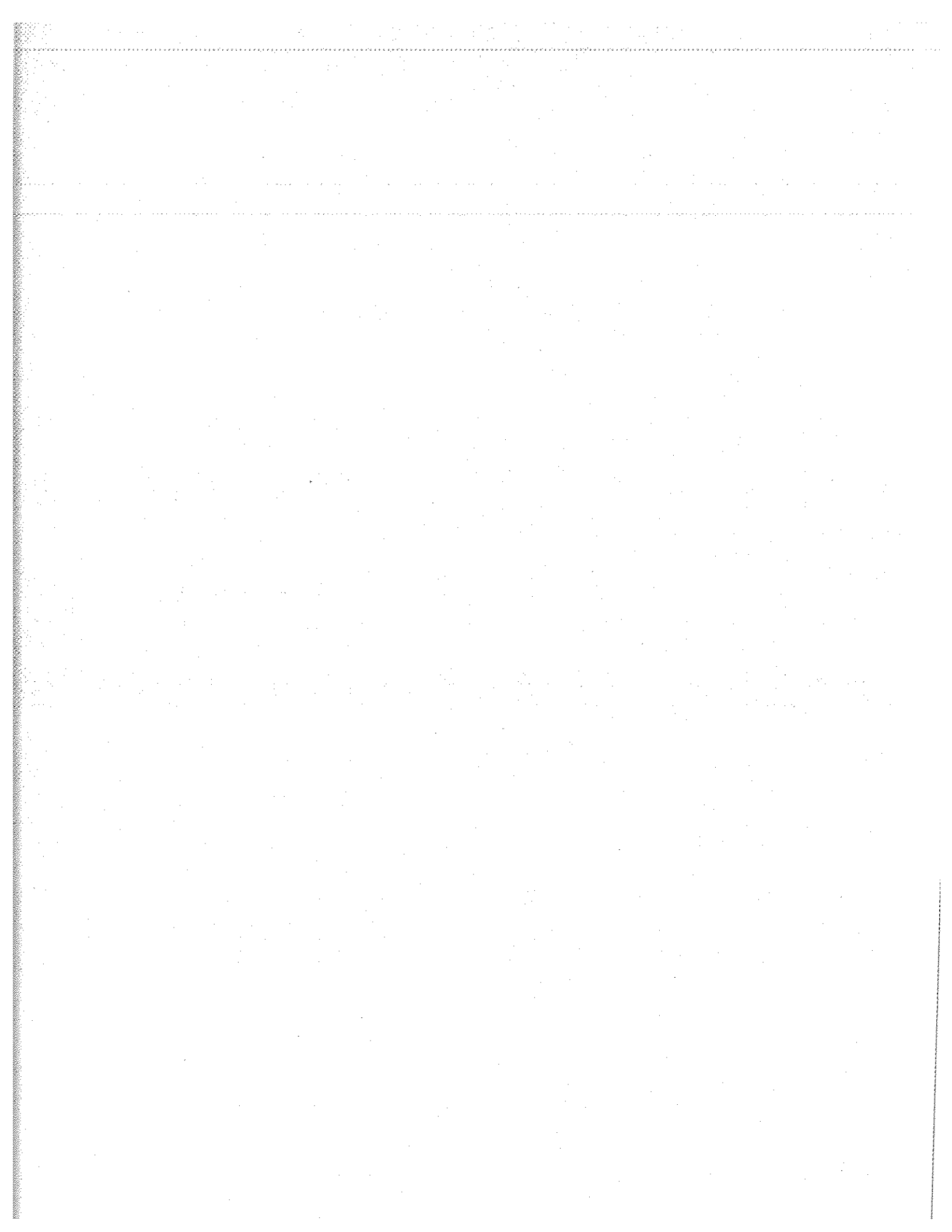
Sample Date March 18, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	5.00E-05	3.17E-06	J (DNQ)	0.01	3.17E-08	ND
1,2,3,4,6,7,8-HpCDF	0.00E+00	5.00E-05	1.22E-06	J (DNQ)	0.01	1.22E-08	ND
1,2,3,4,7,8,9-HpCDF	1.16E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.25E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	6.35E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.25E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	6.29E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.24E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.10E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	5.80E-07	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.27E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	7.02E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.14E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	7.13E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	9.29E-07	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	1.00E-04	3.00E-05	J (DNQ)	0.0001	3.00E-09	ND
OCDF	1.87E-06	1.00E-04	ND	U	0.0001	ND	ND

TCDD TEQ w/ DNQ Values	4.69E-08
TCDD TEQ w/out DNQ Values	ND

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

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



**OUTFALL 007 (Building 100)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/4/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	4.1	*	3.1	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	0.89	*	0.45	*
Oil & Grease	mg/L	15/-	1.2	J* (DNQ)	9.3	B*
Perchlorate	ug/L	6.0/-	ANR	ANR	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	6.70	*	6.80	*
Sulfate	mg/L	250/-	3.7	*	2.7	*
Temperature	deg. F	86/-	47.8	*	52.4	*
Total Cyanide	ug/L	-/-	ANR	ANR	ANR	ANR
Total Dissolved Solids	mg/L	850/-	130	*	110	*
Total Suspended Solids	mg/L	-/-	ANR	ANR	ANR	ANR
Volume Discharged	MGD	17.8/-	ANR	ANR	ANR	ANR
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	15/-	ANR	ANR	ANR	ANR
Gross Beta	pCi/L	50/-	ANR	ANR	ANR	ANR
Strontium-90	pCi/L	8.0/-	ANR	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	20000/-	ANR	ANR	ANR	ANR
<b>METALS</b>						
Aluminum	ug/L	-/-	ANR	ANR	ANR	ANR
Antimony	ug/L	6.0/-	ND < 0.18	*	0.59	J* (DNQ)
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	4.0/-	0.038	J* (DNQ)	0.037	J* (DNQ)
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	14.0/-	3.7	*	2.6	*
Lead	ug/L	-/-	0.74	J (DNQ)	0.46	J (DNQ)
Mercury	ug/L	0.13/-	0.18	J* (DNQ)	0.14	J* (DNQ)
Nickel	ug/L	-/-	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR	ANR
Thallium	ug/L	2.0/-	ANR	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ANR	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR	ANR

**OUTFALL 007 (Building 100)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**January 1 through January 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/4/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Toluene	ug/L	-/-	ANR	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 007 (Building 100)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/4/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR

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



**OUTFALL 007 (Building 100)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/4/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR

**OUTFALL 007 (Building 100)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	1.9	*	1.7	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	0.49	*	0.54	*
Oil & Grease	mg/L	15/-	ND < 0.94	*	2.0	J* (DNQ)
Perchlorate	ug/L	6.0/-	ND < 0.80	*	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	6.9	*	7.19	*
Sulfate	mg/L	250/-	0.97	*	1.2	*
Temperature	deg. F	86/-	55.4	*	56.7	*
Total Cyanide	ug/L	-/-	ND < 2.2	U	ANR	ANR
Total Dissolved Solids	mg/L	850/-	110	*	120	*
Total Suspended Solids	mg/L	-/-	70	--	160	*
Volume Discharged	MGD	17.8/-	ANR	ANR	ANR	ANR
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	15/-	1.64 /±1.0	J (R)	ANR	ANR
Gross Beta	pCi/L	50/-	5.18 /±1.3	--	ANR	ANR
Strontium-90	pCi/L	8.0/-	-0.077 /±0.25	U	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	20000/-	-86.2/±99	U	ANR	ANR
<b>METALS</b>						
Aluminum	ug/L	-/-	5300	--	ANR	ANR
Antimony	ug/L	6.0/-	2.7	B*	1.3	J* (DNQ)
Arsenic	ug/L	-/-	ND < 3.8	U	ANR	ANR
Beryllium	ug/L	-/-	ND < 0.62	U	ANR	ANR
Boron	mg/L	1.0/-	0.034	J* (DNQ)	ANR	ANR
Cadmium	ug/L	4.0/-	0.19	J* (DNQ)	0.17	J* (DNQ)
Chromium	ug/L	-/-	7.3	--	ANR	ANR
Copper	ug/L	14.0/-	7.4	*	8.4	*
Lead	ug/L	-/-	4.4	--	6.3	--
Mercury	ug/L	0.13/-	0.19	J* (DNQ)	0.070	J* (DNQ)
Nickel	ug/L	-/-	5.5	J (DNQ)	ANR	ANR
Selenium	ug/L	-/-	ND < 8.8	U (\$)	ANR	ANR
Silver	ug/L	-/-	ND < 1.3	UJ (*3)	ANR	ANR
Thallium	ug/L	2.0/-	0.087	J* (DNQ)	ANR	ANR
Vanadium	ug/L	-/-	14	--	ANR	ANR
Zinc	ug/L	-/-	38	--	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ND < 0.28	U	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U	ANR	ANR
Chloroform	ug/L	-/-	ND < 0.33	U	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	U	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	U	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ND < 0.32	U	ANR	ANR
Ethylbenzene	ug/L	-/-	ND < 0.25	U	ANR	ANR
Tetrachloroethene	ug/L	-/-	ND < 0.32	U	ANR	ANR

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

OUTFALL 007 (Building 100)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Toluene	ug/L	-/-	ND < 0.36	U	ANR	ANR
Xylenes (Total)	ug/L	-/-	ND < 0.52	U	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
Trichloroethene	ug/L	-/-	ND < 0.26	U	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	U	ANR	ANR
Vinyl chloride	ug/L	-/-	ND < 0.26	U	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
2,4,5-Trichlorophenol	ug/L	-/-	ND < 3.6	U	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ND < 0.24	U	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ND < 4.4	U	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ND < 4.5	U	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ND < 0.32	U	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ND < 0.35	U	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ND < 5.0	U	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ND < 4.1	U	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ND < 0.35	U	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ND < 3.9	U	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ND < 0.37	U	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ND < 4.1	U	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ND < 4.1	U	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ND < 4.4	U	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ND < 5.3	UJ (C)	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ND < 4.2	U	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ND < 3.2	U	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ND < 1.3	U	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ND < 4.0	U	ANR	ANR
2-Chlorophenol	ug/L	-/-	ND < 4.2	U	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ND < 5.1	U	ANR	ANR
2-Methylnaphthalene	ug/L	-/-	ND < 3.0	U	ANR	ANR
2-Methylphenol	ug/L	-/-	ND < 3.7	U	ANR	ANR
2-Nitrophenol	ug/L	-/-	ND < 4.2	U	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ND < 11	U	ANR	ANR
4,4'-DDD	ug/L	-/-	ND < 0.015	UJ (C)	ANR	ANR
4,4'-DDE	ug/L	-/-	ND < 0.020	U	ANR	ANR
4,4'-DDT	ug/L	-/-	ND < 0.030	UJ (C)	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ND < 4.6	U	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ND < 3.5	U	ANR	ANR
4-Chloroaniline	ug/L	-/-	ND < 6.0	U	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ND < 3.0	U	ANR	ANR
4-Nitrophenol	ug/L	-/-	ND < 6.6	U	ANR	ANR
Acenaphthene	ug/L	-/-	ND < 4.3	U	ANR	ANR
Acenaphthylene	ug/L	-/-	ND < 3.2	U	ANR	ANR
Acrolein	ug/L	-/-	ND < 4.6	R (R)	ANR	ANR
Acrylonitrile	ug/L	-/-	ND < 5.1	UJ (C)	ANR	ANR

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

**OUTFALL 007 (Building 100)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**February 1 through February 28, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Acute Toxicity	% SURVIVAL	70/-	100	*	ANR	ANR
Aldrin	ug/L	-/-	ND < 0.030	UJ (C)	ANR	ANR
alpha-BHC	ug/L	-/-	ND < 0.015	U	ANR	ANR
Aniline	ug/L	-/-	ND < 2.9	U	ANR	ANR
Anthracene	ug/L	-/-	ND < 3.2	U	ANR	ANR
Aroclor-1016	ug/L	-/-	ND < 0.20	U	ANR	ANR
Aroclor-1221	ug/L	-/-	ND < 0.10	U	ANR	ANR
Aroclor-1232	ug/L	-/-	ND < 0.15	U	ANR	ANR
Aroclor-1242	ug/L	-/-	ND < 0.15	U	ANR	ANR
Aroclor-1248	ug/L	-/-	ND < 0.25	U	ANR	ANR
Aroclor-1254	ug/L	-/-	ND < 0.25	U	ANR	ANR
Aroclor-1260	ug/L	-/-	ND < 0.40	U	ANR	ANR
Benidine	ug/L	-/-	ND < 5.2	U	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ND < 3.7	U	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ND < 3.5	U	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ND < 2.7	U	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ND < 5.3	U	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ND < 3.4	U	ANR	ANR
Benzoic acid	ug/L	-/-	ND < 2.6	UJ (C)	ANR	ANR
Benzyl alcohol	ug/L	-/-	ND < 2.5	U	ANR	ANR
beta-BHC	ug/L	-/-	ND < 0.015	U	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ND < 4.4	U	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ND < 5.2	U	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ND < 3.9	U	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ND < 4.6	U	ANR	ANR
Bromodichloromethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
Bromoform	ug/L	-/-	ND < 0.32	U	ANR	ANR
Bromomethane	ug/L	-/-	ND < 0.34	U	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ND < 3.5	U	ANR	ANR
Chlordane	ug/L	-/-	ND < 0.20	U	ANR	ANR
Chlorobenzene	ug/L	-/-	ND < 0.36	U	ANR	ANR
Chloroethane	ug/L	-/-	ND < 0.33	U	ANR	ANR
Chloromethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
Chrysene	ug/L	-/-	ND < 2.8	U	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ND < 0.22	U	ANR	ANR
delta-BHC	ug/L	-/-	ND < 0.020	UJ (C)	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ND < 4.7	U	ANR	ANR
Dibenzofuran	ug/L	-/-	ND < 2.6	U	ANR	ANR
Dibromochloromethane	ug/L	-/-	ND < 0.28	U	ANR	ANR
Dieldrin	ug/L	-/-	ND < 0.015	U	ANR	ANR
Diethylphthalate	ug/L	-/-	ND < 3.1	U	ANR	ANR
Dimethylphthalate	ug/L	-/-	ND < 3.6	U	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ND < 2.8	U	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ND < 4.7	U	ANR	ANR
Endosulfan I	ug/L	-/-	ND < 0.015	U	ANR	ANR

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

**OUTFALL 007 (Building 100)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Endosulfan II	ug/L	-/-	ND < 0.040	U	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ND < 0.015	U	ANR	ANR
Endrin	ug/L	-/-	ND < 0.015	U	ANR	ANR
Endrin aldehyde	ug/L	-/-	ND < 0.045	U	ANR	ANR
Endrin ketone	ug/L	-/-	ND < 0.020	U	ANR	ANR
Fluoranthene	ug/L	-/-	ND < 4.2	U	ANR	ANR
Fluorene	ug/L	-/-	ND < 3.9	U	ANR	ANR
Heptachlor	ug/L	-/-	ND < 0.030	U	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ND < 0.020	U	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ND < 4.8	U	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ND < 4.2	U	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ND < 3.4	UJ (C)	ANR	ANR
Hexachloroethane	ug/L	-/-	ND < 4.2	U	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ND < 5.4	U	ANR	ANR
Isophorone	ug/L	-/-	ND < 3.7	U	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ND < 0.015	U	ANR	ANR
Methoxychlor	ug/L	-/-	ND < 0.035	U	ANR	ANR
Methylene Chloride	ug/L	-/-	ND < 0.48	U	ANR	ANR
m-Nitroaniline	ug/L	-/-	ND < 4.5	U	ANR	ANR
Naphthalene	ug/L	-/-	ND < 4.5	U	ANR	ANR
Nitrobenzene	ug/L	-/-	ND < 4.2	U	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ND < 3.7	U	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ND < 3.6	U	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ND < 4.0	U	ANR	ANR
o-Nitroaniline	ug/L	-/-	ND < 3.9	U	ANR	ANR
p-Cresol	ug/L	-/-	ND < 3.8	U	ANR	ANR
Pentachlorophenol	ug/L	-/-	ND < 4.0	UJ (C)	ANR	ANR
Phenanthrene	ug/L	-/-	ND < 3.3	U	ANR	ANR
Phenol	ug/L	-/-	ND < 4.0	U	ANR	ANR
p-Nitroaniline	ug/L	-/-	ND < 4.9	U	ANR	ANR
Pyrene	ug/L	-/-	ND < 3.9	U	ANR	ANR
Toxaphene	ug/L	-/-	ND < 1.5	U	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ND < 0.27	U	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ND < 0.24	U	ANR	ANR

**OUTFALL 007 (Building 100)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/4/2005		3/23/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	5.7	*	2.0	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	ND < 0.11	*	1.2	*
Oil & Grease	mg/L	15/-	ND < 0.94	B*	ND < 0.94	*
Perchlorate	ug/L	6.0/-	ANR	ANR	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	7.0	*	6.6	*
Sulfate	mg/L	250/-	2.1	*	2.7	*
Temperature	deg. F	86/-	54.9	*	54	*
Total Cyanide	ug/L	-/-	ANR	ANR	ANR	ANR
Total Dissolved Solids	mg/L	850/-	180	*	150	*
Total Suspended Solids	mg/L	-/-	17	*	14	*
Volume Discharged	MGD	17.8/-	ANR	ANR	ANR	ANR
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	15/-	ANR	ANR	ANR	ANR
Gross Beta	pCi/L	50/-	ANR	ANR	ANR	ANR
Strontium-90	pCi/L	8.0/-	ANR	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	20000/-	ANR	ANR	ANR	ANR
<b>METALS</b>						
Aluminum	ug/L	-/-	ANR	ANR	ANR	ANR
Antimony	ug/L	6.0/-	ND < 0.18	*	1.2	J* (DNQ)
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	4.0/-	0.069	J* (DNQ)	0.11	J* (DNQ)
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	14.0/-	3.0	*	6.0	*
Lead	ug/L	-/-	1.1	--	2.5	--
Mercury	ug/L	0.13/-	ND < 0.063	*	ND < 0.063	*
Nickel	ug/L	-/-	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR	ANR
Thallium	ug/L	2.0/-	ANR	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ANR	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR	ANR

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

OUTFALL 007 (Building 100)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/4/2005		3/23/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Toluene	ug/L	-/-	ANR	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR

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



OUTFALL 007 (Building 100)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/4/2005		3/23/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 007 (Building 100)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**March 1 through March 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/4/2005		3/23/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR

**OUTFALL 007 (Building 100)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY - ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date January 4, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	1.20E-06	5.00E-05	6.40E-06	UJ (B)	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	1.20E-06	5.00E-05	4.20E-06	J (DNQ)	0.01	4.20E-08	ND
1,2,3,4,7,8,9-HpCDF	1.60E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.60E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	1.20E-06	5.00E-05	1.60E-06	J (DNQ)	0.1	1.60E-07	ND
1,2,3,6,7,8-HxCDD	1.80E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	1.20E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.40E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.60E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.70E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	2.00E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	1.10E-06	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.20E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	3.30E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	3.40E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	4.10E-06	1.00E-04	3.80E-05	UJ (B)	0.0001	ND	ND
OCDF	2.60E-06	1.00E-04	2.20E-05	UJ (B)	0.0001	ND	ND

<b>TCDD TEQ w/ DNQ Values</b>	2.02E-07
<b>TCDD TEQ w/out DNQ Values</b>	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 007 (Building 100)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY - ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date January 11, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	9.40E-07	5.00E-05	4.30E-06	UJ (B)	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	1.40E-06	5.00E-05	2.10E-06	J (DNQ)	0.01	2.10E-08	ND
1,2,3,4,7,8,9-HpCDF	1.80E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	7.60E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	8.40E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	5.70E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	8.30E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	6.70E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	9.10E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	8.10E-07	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.30E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	8.90E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	7.00E-07	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	1.10E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	1.00E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	3.30E-06	1.00E-04	2.30E-05	UJ (B)	0.0001	ND	ND
OCDF	2.00E-06	1.00E-04	1.30E-05	UJ (B)	0.0001	ND	ND

<b>TCDD TEQ w/ DNQ Values</b>	2.10E-08	
<b>TCDD TEQ w/out DNQ Values</b>		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 007 (Building 100)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY - ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date February 11, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	3.87E-06	5.00E-05	3.15E-05	J (DNQ)	0.01	3.15E-07	ND
1,2,3,4,6,7,8-HpCDF	1.58E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	1.89E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	2.55E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	2.80E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	2.57E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	9.00E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	3.13E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.04E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.79E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.64E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	8.27E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	2.75E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	2.06E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	6.74E-04	1.00E-05	ND	U	0.1	ND	ND
OCDD	9.80E-06	1.00E-04	2.67E-04	--	0.0001	2.67E-08	2.67E-08
OCDF	2.95E-06	1.00E-04	ND	U	0.0001	ND	ND
<b>TCDD TEQ w/ DNQ Values</b>						<b>3.42E-07</b>	
<b>TCDD TEQ w/out DNQ Values</b>							<b>2.67E-08</b>

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 007 (Building 100)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY - ROCKEIDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date February 18, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	5.00E-05	6.44E-05	--	0.01	6.44E-07	6.44E-07
1,2,3,4,6,7,8-HpCDF	0.00E+00	5.00E-05	4.01E-06	J (DNQ)	0.01	4.01E-08	ND
1,2,3,4,7,8,9-HpCDF	1.53E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.75E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	6.95E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	0.00E+00	5.00E-05	2.30E-06	J (DNQ)	0.1	2.30E-07	ND
1,2,3,6,7,8-HxCDF	6.68E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	2.26E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.77E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.84E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.14E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	1.14E-06	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.04E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	8.11E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	7.35E-07	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	1.00E-04	5.37E-04	--	0.0001	5.37E-08	5.37E-08
OCDF	0.00E+00	1.00E-04	1.28E-05	J (DNQ)	0.0001	1.28E-09	ND

<b>TCDD TEQ w/ DNQ Values</b>						<b>9.69E-07</b>	
<b>TCDD TEQ w/out DNQ Values</b>							<b>6.98E-07</b>

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 007 (Building 100)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date March 4, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	5.00E-05	3.57E-06	J (DNQ)	0.01	3.57E-08	ND
1,2,3,4,6,7,8-HpCDF	7.53E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	8.17E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.68E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	4.54E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.81E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	4.44E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.74E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	7.61E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	7.38E-07	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.24E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	4.88E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.09E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	8.73E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	8.20E-07	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	1.00E-04	3.17E-05	J (DNQ)	0.0001	3.17E-09	ND
OCDF	2.32E-06	1.00E-04	ND	U	0.0001	ND	ND

TCDD TEQ w/ DNQ Values	3.89E-08						
TCDD TEQ w/out DNQ Values							ND

Dioxin TCDD TEQ compliance limit established for this outfall? Yes

TCDD TEQ PERMIT LIMIT = 2.80E-08

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



OUTFALL 007 (Building 100)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

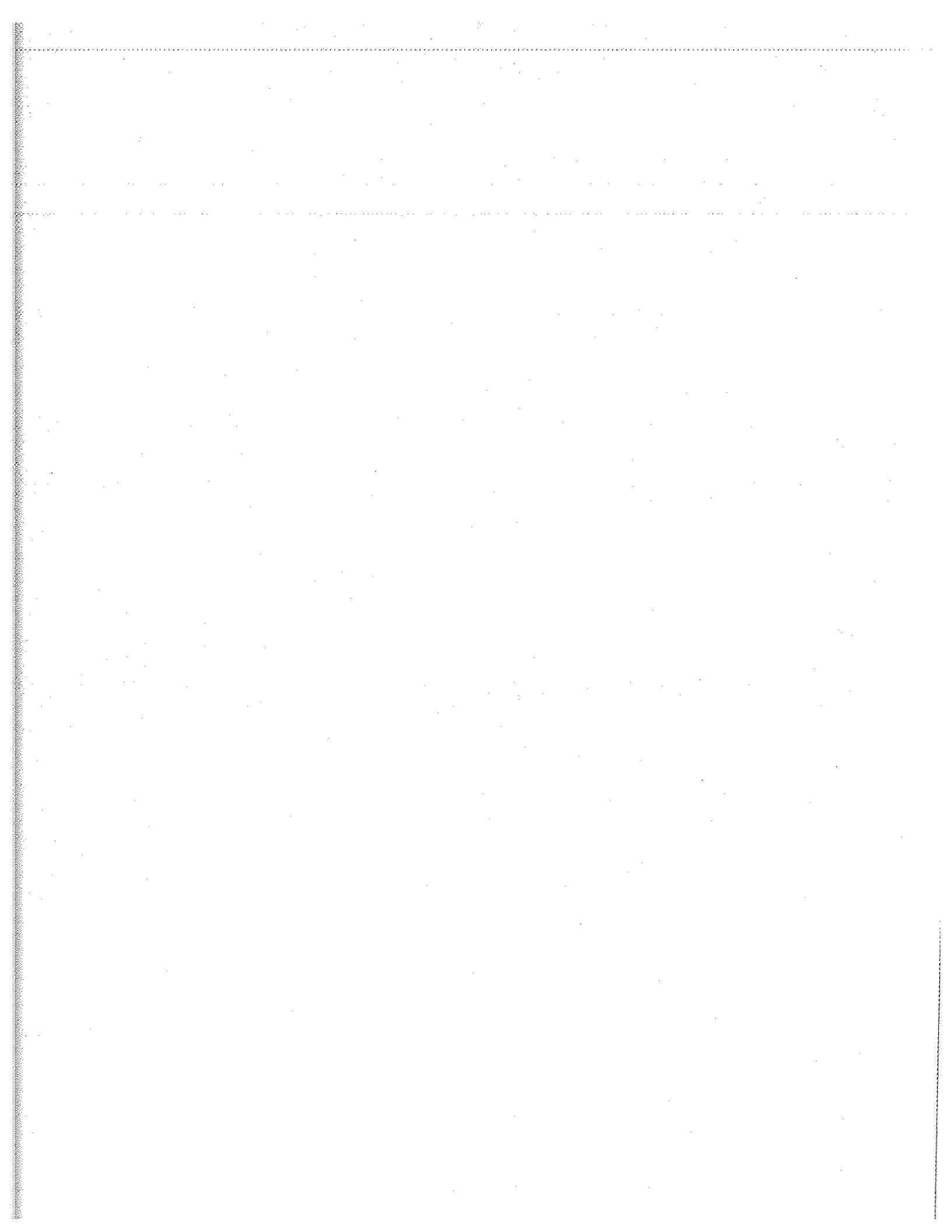
Sample Date March 23, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ng/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	5.00E-05	1.57E-05	J (DNQ)	0.01	1.57E-07	ND
1,2,3,4,6,7,8-HpCDF	1.36E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	1.66E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	2.71E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	5.73E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	2.75E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	5.70E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	2.72E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.13E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.42E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.98E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	6.93E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.91E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	7.95E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	1.57E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	1.00E-04	1.10E-04	-	0.0001	1.10E-08	1.10E-08
OCDF	5.16E-06	1.00E-04	ND	U	0.0001	ND	ND
<b>TCDD TEQ w/DNQ Values</b>						1.68E-07	1.10E-08
<b>TCDD TEQ w/out DNQ Values</b>							

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 008 (Happy Valley Drainage)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**January 1 through January 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/4/2005		1/8/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	7.1	*	ANR	ANR
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	4.6	*	ANR	ANR
Oil & Grease	mg/L	15/-	ND < 0.94	*	ANR	ANR
Perchlorate	ug/L	6.0/-	1.0	J (Q,DNQ)	0.91	J* (DNQ)
pH (Field)	pH units	6.5-8.5/-	7.10	*	ANR	ANR
Sulfate	mg/L	300/-	6.2	*	ANR	ANR
Temperature	deg. F	86/-	50.7	*	ANR	ANR
Total Cyanide	ug/L	-/-	ANR	ANR	ANR	ANR
Total Dissolved Solids	mg/L	950/-	160	*	ANR	ANR
Total Suspended Solids	mg/L	-/-	ANR	ANR	ANR	ANR
Volume Discharged	MGD	17.8/-	ANR	ANR	ANR	ANR
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	-/-	ANR	ANR	ANR	ANR
Gross Beta	pCi/L	-/-	ANR	ANR	ANR	ANR
Strontium-90	pCi/L	-/-	ANR	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	-/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	-/-	ANR	ANR	ANR	ANR
<b>METALS</b>						
Aluminum	ug/L	-/-	ANR	ANR	ANR	ANR
Antimony	ug/L	-/-	ND < 2.0	UJ (B,*3,\$)	ANR	ANR
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR
Boron	mg/L	-/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	-/-	0.026	J (B,DNQ)	ANR	ANR
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	-/-	4.0	--	ANR	ANR
Lead	ug/L	-/-	2.5	--	ANR	ANR
Mercury	ug/L	-/-	0.14	J (DNQ)	ANR	ANR
Nickel	ug/L	-/-	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR	ANR
Thallium	ug/L	-/-	ANR	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ANR	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 008 (Happy Valley Drainage)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/4/2005		1/8/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Toluene	ug/L	-/-	ANR	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 008 (Happy Valley Drainage)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/4/2005		1/8/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 008 (Happy Valley Drainage)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**January 1 through January 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/4/2005		1/8/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR

**OUTFALL 008 (Happy Valley Drainage)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/11/2005		1/26/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	4.8	*	14	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	2.2	*	0.72	*
Oil & Grease	mg/L	15/-	12	*	ND < 0.94	*
Perchlorate	ug/L	6.0/-	ND < 0.80	*	ND < 0.80	*
pH (Field)	pH units	6.5-8.5/-	6.90	*	7.0	*
Sulfate	mg/L	300/-	4.2	*	6.3	*
Temperature	deg. F	86/-	54.3	*	55.8	*
Total Cyanide	ug/L	-/-	ANR	ANR	ANR	ANR
Total Dissolved Solids	mg/L	950/-	130	*	120	*
Total Suspended Solids	mg/L	-/-	ANR	ANR	ANR	ANR
Volume Discharged	MGD	17.8/-	ANR	ANR	ANR	ANR
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	-/-	ANR	ANR	ANR	ANR
Gross Beta	pCi/L	-/-	ANR	ANR	ANR	ANR
Strontium-90	pCi/L	-/-	ANR	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	-/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	-/-	ANR	ANR	ANR	ANR
<b>METALS</b>						
Aluminum	ug/L	-/-	ANR	ANR	ANR	ANR
Antimony	ug/L	-/-	ND < 2.0	UJ (\$,B,*3)	ND < 0.18	U
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR
Boron	mg/L	-/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	-/-	0.032	J (DNQ)	0.016	UJ (B)
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	-/-	2.6	--	2.3	UJ (B)
Lead	ug/L	-/-	0.82	J (DNQ)	0.17	J (DNQ)
Mercury	ug/L	-/-	0.12	J (DNQ)	0.085	J (DNQ)
Nickel	ug/L	-/-	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR	ANR
Thallium	ug/L	-/-	ANR	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ANR	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR	ANR

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



**OUTFALL 008 (Happy Valley Drainage)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/11/2005		1/26/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Toluene	ug/L	-/-	ANR	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 008 (Happy Valley Drainage)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/11/2005		1/26/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 008 (Happy Valley Drainage)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/11/2005		1/26/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR

**OUTFALL 008 (Happy Valley Drainage)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	5.4	*	2.8	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	1.9	*	1.1	*
Oil & Grease	mg/L	15/-	ND < 0.94	*	ND < 0.94	*
Perchlorate	ug/L	6.0/-	ND < 0.80	*	ND < 0.80	*
pH (Field)	pH units	6.5-8.5/-	6.6	*	7.12	*
Sulfate	mg/L	300/-	4.2	*	2.4	*
Temperature	deg. F	86/-	55.4	*	55.8	*
Total Cyanide	ug/L	-/-	ND < 2.2	U	ANR	ANR
Total Dissolved Solids	mg/L	950/-	130	*	96	*
Total Suspended Solids	mg/L	-/-	150	--	760	*
Volume Discharged	MGD	17.8/-	ANR	ANR	ANR	ANR
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	-/-	6.07 /±1.7	J (R,Q)	ANR	ANR
Gross Beta	pCi/L	-/-	7.48 /±1.5	--	ANR	ANR
Strontium-90	pCi/L	-/-	-0.107 /±0.22	U	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	-/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	-/-	-76.3 /±100	U	ANR	ANR
<b>METALS</b>						
Aluminum	ug/L	-/-	6500	--	ANR	ANR
Antimony	ug/L	-/-	0.95	UJ (B,\$)	2.5	UJ (B,\$)
Arsenic	ug/L	-/-	ND < 3.8	U	ANR	ANR
Beryllium	ug/L	-/-	ND < 0.62	U	ANR	ANR
Boron	mg/L	-/-	0.051	*	ANR	ANR
Cadmium	ug/L	-/-	0.087	J (DNQ)	0.25	J (DNQ)
Chromium	ug/L	-/-	9.5	--	ANR	ANR
Copper	ug/L	-/-	5.5	--	15	--
Lead	ug/L	-/-	3.7	--	13	--
Mercury	ug/L	-/-	0.17	J (DNQ)	0.066	J (DNQ)
Nickel	ug/L	-/-	7.8	J (DNQ)	ANR	ANR
Selenium	ug/L	-/-	ND < 4.6	U	ANR	ANR
Silver	ug/L	-/-	ND < 1.3	UJ (*3)	ANR	ANR
Thallium	ug/L	-/-	ND < 3.1	U	ANR	ANR
Vanadium	ug/L	-/-	17	--	ANR	ANR
Zinc	ug/L	-/-	22	--	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ND < 0.28	U	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U	ANR	ANR
Chloroform	ug/L	-/-	ND < 0.33	U	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	U	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	U	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ND < 0.32	U	ANR	ANR
Ethylbenzene	ug/L	-/-	ND < 0.25	U	ANR	ANR
Tetrachloroethene	ug/L	-/-	ND < 0.32	U	ANR	ANR

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

**OUTFALL 008 (Happy Valley Drainage)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Toluene	ug/L	-/-	ND < 0.36	U	ANR	ANR
Xylenes (Total)	ug/L	-/-	ND < 0.52	U	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
Trichloroethene	ug/L	-/-	ND < 0.26	U	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	U	ANR	ANR
Vinyl chloride	ug/L	-/-	ND < 0.26	U	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
2,4,5-Trichlorophenol	ug/L	-/-	ND < 3.6	U	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ND < 0.24	U	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ND < 4.4	U	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ND < 4.5	U	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ND < 0.32	U	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ND < 0.35	U	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ND < 5.0	U	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ND < 4.1	U	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ND < 0.35	U	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ND < 3.9	U	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ND < 0.37	U	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ND < 4.1	U	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ND < 4.1	U	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ND < 4.4	U	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ND < 5.3	UJ (C)	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ND < 4.2	U	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ND < 3.2	U	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ND < 1.3	U	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ND < 4.0	U	ANR	ANR
2-Chlorophenol	ug/L	-/-	ND < 4.2	U	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ND < 5.1	U	ANR	ANR
2-Methylnaphthalene	ug/L	-/-	ND < 3.0	U	ANR	ANR
2-Methylphenol	ug/L	-/-	ND < 3.7	U	ANR	ANR
2-Nitrophenol	ug/L	-/-	ND < 4.2	U	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ND < 11	U	ANR	ANR
4,4'-DDD	ug/L	-/-	ND < 0.015	U	ANR	ANR
4,4'-DDE	ug/L	-/-	ND < 0.020	U	ANR	ANR
4,4'-DDT	ug/L	-/-	ND < 0.030	U	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ND < 4.6	U	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ND < 3.5	U	ANR	ANR
4-Chloroaniline	ug/L	-/-	ND < 6.0	U	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ND < 3.0	U	ANR	ANR
4-Nitrophenol	ug/L	-/-	ND < 6.6	U	ANR	ANR
Acenaphthene	ug/L	-/-	ND < 4.3	U	ANR	ANR
Acenaphthylene	ug/L	-/-	ND < 3.2	U	ANR	ANR
Acrolein	ug/L	-/-	ND < 4.6	R (R)	ANR	ANR
Acrylonitrile	ug/L	-/-	ND < 5.1	UJ (C)	ANR	ANR

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

**OUTFALL 008 (Happy Valley Drainage)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Acute Toxicity	% SURVIVAL	70/-	100	*	ANR	ANR
Aldrin	ug/L	-/-	ND < 0.030	U	ANR	ANR
alpha-BHC	ug/L	-/-	ND < 0.015	U	ANR	ANR
Aniline	ug/L	-/-	ND < 2.9	U	ANR	ANR
Anthracene	ug/L	-/-	ND < 3.2	U	ANR	ANR
Aroclor-1016	ug/L	-/-	ND < 0.20	U	ANR	ANR
Aroclor-1221	ug/L	-/-	ND < 0.10	U	ANR	ANR
Aroclor-1232	ug/L	-/-	ND < 0.15	U	ANR	ANR
Aroclor-1242	ug/L	-/-	ND < 0.15	U	ANR	ANR
Aroclor-1248	ug/L	-/-	ND < 0.25	U	ANR	ANR
Aroclor-1254	ug/L	-/-	ND < 0.25	U	ANR	ANR
Aroclor-1260	ug/L	-/-	ND < 0.40	U	ANR	ANR
Benzidine	ug/L	-/-	ND < 5.2	U	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ND < 3.7	U	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ND < 3.5	U	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ND < 2.7	U	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ND < 5.3	U	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ND < 3.4	U	ANR	ANR
Benzoic acid	ug/L	-/-	ND < 2.6	UJ (C)	ANR	ANR
Benzyl alcohol	ug/L	-/-	ND < 2.5	U	ANR	ANR
beta-BHC	ug/L	-/-	ND < 0.015	UJ (C)	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ND < 4.4	U	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ND < 5.2	U	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ND < 3.9	U	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ND < 4.6	U	ANR	ANR
Bromodichloromethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
Bromoform	ug/L	-/-	ND < 0.32	U	ANR	ANR
Bromomethane	ug/L	-/-	ND < 0.34	U	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ND < 3.5	U	ANR	ANR
Chlordane	ug/L	-/-	ND < 0.20	U	ANR	ANR
Chlorobenzene	ug/L	-/-	ND < 0.36	U	ANR	ANR
Chloroethane	ug/L	-/-	ND < 0.33	U	ANR	ANR
Chloromethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
Chrysene	ug/L	-/-	ND < 2.8	U	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ND < 0.22	U	ANR	ANR
delta-BHC	ug/L	-/-	ND < 0.020	U	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ND < 4.7	U	ANR	ANR
Dibenzofuran	ug/L	-/-	ND < 2.6	U	ANR	ANR
Dibromochloromethane	ug/L	-/-	ND < 0.28	U	ANR	ANR
Dieldrin	ug/L	-/-	ND < 0.015	U	ANR	ANR
Diethylphthalate	ug/L	-/-	ND < 3.1	U	ANR	ANR
Dimethylphthalate	ug/L	-/-	ND < 3.6	U	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ND < 2.8	U	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ND < 4.7	U	ANR	ANR
Endosulfan I	ug/L	-/-	ND < 0.015	U	ANR	ANR

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

**OUTFALL 008 (Happy Valley Drainage)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Endosulfan II	ug/L	-/-	ND < 0.040	UJ (C)	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ND < 0.015	U	ANR	ANR
Endrin	ug/L	-/-	ND < 0.015	U	ANR	ANR
Endrin aldehyde	ug/L	-/-	ND < 0.045	UJ (C)	ANR	ANR
Endrin ketone	ug/L	-/-	ND < 0.020	UJ (C)	ANR	ANR
Fluoranthene	ug/L	-/-	ND < 4.2	U	ANR	ANR
Fluorene	ug/L	-/-	ND < 3.9	U	ANR	ANR
Heptachlor	ug/L	-/-	ND < 0.030	U	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ND < 0.020	U	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ND < 4.8	U	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ND < 4.2	U	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ND < 3.4	UJ (C)	ANR	ANR
Hexachloroethane	ug/L	-/-	ND < 4.2	U	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ND < 5.4	U	ANR	ANR
Isophorone	ug/L	-/-	ND < 3.7	U	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ND < 0.015	U	ANR	ANR
Methoxychlor	ug/L	-/-	ND < 0.035	U	ANR	ANR
Methylene Chloride	ug/L	-/-	ND < 0.48	U	ANR	ANR
m-Nitroaniline	ug/L	-/-	ND < 4.5	U	ANR	ANR
Naphthalene	ug/L	-/-	ND < 4.5	U	ANR	ANR
Nitrobenzene	ug/L	-/-	ND < 4.2	U	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ND < 3.7	U	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ND < 3.6	U	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ND < 4.0	U	ANR	ANR
o-Nitroaniline	ug/L	-/-	ND < 3.9	U	ANR	ANR
p-Cresol	ug/L	-/-	ND < 3.8	U	ANR	ANR
Pentachlorophenol	ug/L	-/-	ND < 4.0	U	ANR	ANR
Phenanthrene	ug/L	-/-	ND < 3.3	U	ANR	ANR
Phenol	ug/L	-/-	ND < 4.0	U	ANR	ANR
p-Nitroaniline	ug/L	-/-	ND < 4.9	U	ANR	ANR
Pyrene	ug/L	-/-	ND < 3.9	U	ANR	ANR
Toxaphene	ug/L	-/-	ND < 1.5	U	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ND < 0.27	U	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ND < 0.24	U	ANR	ANR



**OUTFALL 008 (Happy Valley Drainage)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**March 1 through March 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/4/2005		3/19/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	9.1	*	11	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	0.49	*	0.28	*
Oil & Grease	mg/L	15/-	ND < 0.94	B*	ND < 0.94	*
Perchlorate	ug/L	6.0/-	ND < 0.80	*	ND < 0.80	*
pH (Field)	pH units	6.5-8.5/-	7.3	*	6.8	*
Sulfate	mg/L	300/-	7.3	*	4.2	*
Temperature	deg. F	86/-	57	*	54.9	*
Total Cyanide	ug/L	-/-	ANR	ANR	ANR	ANR
Total Dissolved Solids	mg/L	950/-	180	*	130	*
Total Suspended Solids	mg/L	-/-	36	*	ND < 10	*
Volume Discharged	MGD	17.8/-	ANR	ANR	ANR	ANR
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	-/-	ANR	ANR	ANR	ANR
Gross Beta	pCi/L	-/-	ANR	ANR	ANR	ANR
Strontium-90	pCi/L	-/-	ANR	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	-/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	-/-	ANR	ANR	ANR	ANR
<b>METALS</b>						
Aluminum	ug/L	-/-	ANR	ANR	ANR	ANR
Antimony	ug/L	-/-	ND < 0.31	UJ (*3,\$,*10)	0.55	UJ (B,\$)
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR
Boron	mg/L	-/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	-/-	0.032	J (DNQ)	0.018	J (DNQ)
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	-/-	3.2	--	2.9	--
Lead	ug/L	-/-	1.4	--	0.18	J (DNQ)
Mercury	ug/L	-/-	ND < 0.063	U	ND < 0.063	U
Nickel	ug/L	-/-	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR	ANR
Thallium	ug/L	-/-	ANR	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ANR	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 008 (Happy Valley Drainage)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/4/2005		3/19/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Toluene	ug/L	-/-	ANR	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 008 (Happy Valley Drainage)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/4/2005		3/19/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR

**OUTFALL 008 (Happy Valley Drainage)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**March 1 through March 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/4/2005		3/19/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR

**OUTFALL 008 (Happy Valley Drainage)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY - ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date January 4, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	1.70E-06	5.00E-05	2.30E-06	UJ (B)	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	1.90E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	2.10E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.30E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	2.50E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.60E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	1.60E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.60E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.50E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.70E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.80E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	1.50E-06	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.10E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	3.30E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	3.70E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	2.50E-06	1.00E-04	1.60E-05	UJ (B)	0.0001	ND	ND
OCDF	1.80E-06	1.00E-04	6.80E-06	UJ (B)	0.0001	ND	ND

**TCDD TEQ w/ DNQ Values**

**TCDD TEQ w/out DNQ Values**

Dioxin TCDD TEQ compliance limit established for this outfall? No

No

TCDD TEQ PERMIT LIMIT = NA

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

OUTFALL 008 (Happy Valley Drainage)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY - ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date January 11, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	1.30E-06	5.00E-05	2.20E-06	UJ (B)	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	1.30E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	1.20E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	7.90E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	8.00E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	9.40E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	7.40E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	9.30E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.00E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	7.80E-07	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.20E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	8.10E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	8.60E-07	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	9.60E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	9.80E-07	1.00E-05	ND	U	0.1	ND	ND
OCDD	2.50E-06	1.00E-04	1.80E-05	J (DNQ)	0.0001	1.80E-09	ND
OCDF	1.50E-06	1.00E-04	5.20E-06	UJ (B)	0.0001	ND	ND

TCDD TEQ w/ DNQ Values

TCDD TEQ w/out DNQ Values

1.80E-09

ND

Dioxin TCDD TEQ compliance limit established for this outfall?

No

TCDD TEQ PERMIT LIMIT = NA

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

**OUTFALL 008 (Happy Valley Drainage)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY - ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date January 26, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	5.90E-07	3.00E-06	ND	UJ (*10)	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	5.40E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	8.40E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	7.30E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	5.60E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	8.00E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	5.00E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	8.70E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	6.00E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	7.90E-07	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	6.20E-07	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	6.10E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	5.70E-07	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	9.10E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	8.70E-07	1.00E-05	ND	U	0.1	ND	ND
OCDD	9.50E-07	1.00E-04	1.90E-05	J (DNQ)	0.0001	1.90E-09	ND
OCDF	7.70E-07	4.70E-06	ND	UJ (*10)	0.0001	ND	ND

**TCDD TEQ w/ DNQ Values**

**TCDD TEQ w/out DNQ Values**

1.90E-09

ND

**Dioxin TCDD TEQ compliance limit established for this outfall?**

No

**TCDD TEQ PERMIT LIMIT = NA**

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



**OUTFALL 008 (Happy Valley Drainage)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY - ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date February 11, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	9.38E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	1.73E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	1.90E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	2.48E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	2.42E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	2.34E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	9.43E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	2.82E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.12E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	2.11E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	9.95E-07	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	8.71E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	2.33E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	1.34E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	2.51E-04	1.00E-05	ND	U	0.1	ND	ND
OCDD	6.96E-06	1.00E-04	7.04E-05	J (DNQ)	0.0001	7.04E-09	ND
OCDF	3.25E-06	1.00E-04	ND	U	0.0001	ND	ND
<b>TCDD TEQ w/ DNQ Values</b>						<b>7.04E-09</b>	<b>ND</b>
<b>TCDD TEQ w/out DNQ Values</b>							<b>ND</b>

Dioxin TCDD TEQ compliance limit established for this outfall?

No

TCDD TEQ PERMIT LIMIT = NA

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

**OUTFALL 008 (Happy Valley Drainage)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY - ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date February 18, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	5.00E-05	2.85E-05	J (DNQ)	0.01	2.85E-07	ND
1,2,3,4,6,7,8-HpCDF	0.00E+00	5.00E-05	8.00E-06	J (DNQ)	0.01	8.00E-08	ND
1,2,3,4,7,8,9-HpCDF	1.28E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.17E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	0.00E+00	5.00E-05	1.53E-06	J (DNQ)	0.1	1.53E-07	ND
1,2,3,6,7,8-HxCDD	0.00E+00	5.00E-05	1.75E-06	J (DNQ)	0.1	1.75E-07	ND
1,2,3,6,7,8-HxCDF	0.00E+00	5.00E-05	1.26E-06	J (DNQ)	0.1	1.26E-07	ND
1,2,3,7,8,9-HxCDD	0.00E+00	1.52E-06	ND	UJ (*10)	0.1	ND	ND
1,2,3,7,8,9-HxCDF	8.40E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.57E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	2.14E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	1.20E-06	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	2.07E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	1.03E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	9.52E-07	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	1.00E-04	4.46E-04	--	0.0001	4.46E-08	4.46E-08
OCDF	0.00E+00	1.00E-04	2.09E-05	J (DNQ)	0.0001	2.09E-09	ND
<b>TCDD TEQ w/ DNQ Values</b>						<b>8.66E-07</b>	
<b>TCDD TEQ w/out DNQ Values</b>							<b>4.46E-08</b>

Dioxin TCDD TEQ compliance limit established for this outfall? **No**

TCDD TEQ PERMIT LIMIT = NA

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

**OUTFALL 008 (Happy Valley Drainage)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date March 4, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	5.00E-05	1.36E-06	J (DNQ)	0.01	1.36E-08	ND
1,2,3,4,6,7,8-HpCDF	5.91E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	6.25E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.18E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	3.97E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.22E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	3.66E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.20E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	6.29E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	5.16E-07	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	9.72E-07	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	4.28E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	8.36E-07	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	7.47E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	7.75E-07	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	1.00E-04	7.13E-06	J (DNQ)	0.0001	7.13E-10	ND
OCDF	2.43E-06	1.00E-04	ND	U	0.0001	ND	ND

**TCDD TEQ w/ DNQ Values**

**TCDD TEQ w/out DNQ Values**

1.43E-08

ND

**Dioxin TCDD TEQ compliance limit established for this outfall?** No

**TCDD TEQ PERMIT LIMIT = NA**

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

OUTFALL 008 (Happy Valley Drainage)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

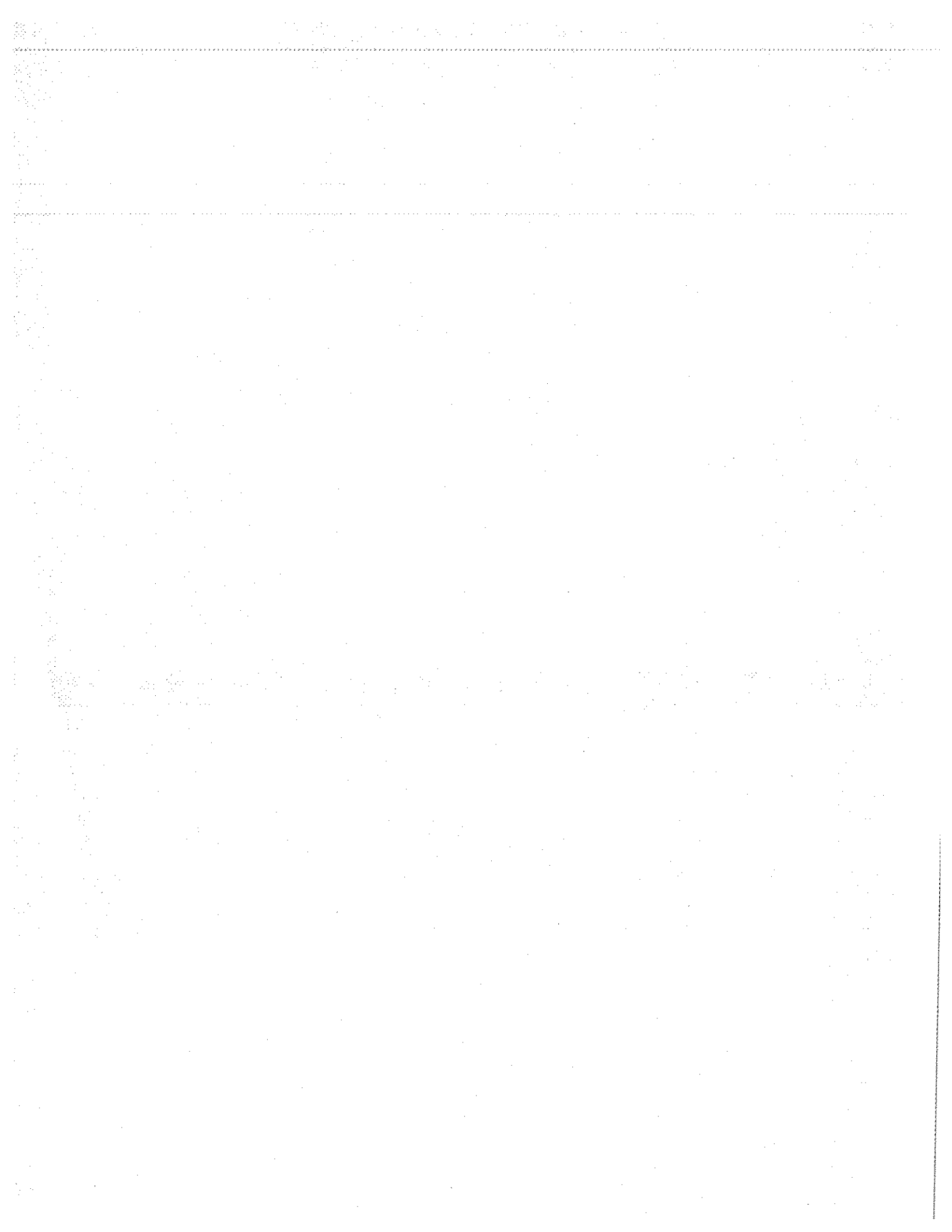
Sample Date March 19, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	9.04E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	7.87E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	9.86E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.08E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	4.05E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.07E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	4.02E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.07E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	6.66E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	6.47E-07	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.52E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	4.47E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.45E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	7.36E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	8.41E-07	1.00E-05	ND	U	0.1	ND	ND
OCDD	4.03E-06	1.00E-04	ND	U	0.0001	ND	ND
OCDF	2.32E-06	1.00E-04	ND	U	0.0001	ND	ND
TCDD TEQ w/ DNQ Values						ND	ND
TCDD TEQ w/out DNQ Values							ND

Dioxin TCDD TEQ compliance limit established for this outfall? No

TCDD TEQ PERMIT LIMIT = NA

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



OUTFALL 009 (WS-13 Drainage)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/4/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	6.2	*	6.1	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10.0/-	3.0	*	2.6	*
Oil & Grease	mg/L	15/-	ND < 0.94	*	16	(\$)
Perchlorate	ug/L	6.0/-	ANR	ANR	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	7.0	*	7.0	*
Sulfate	mg/L	250/-	8.2	*	8.1	*
Temperature	deg. F	86/-	52.0	*	52.3	*
Total Cyanide	ug/L	-/-	ANR	ANR	ANR	ANR
Total Dissolved Solids	mg/L	850/-	120	*	140	*
Total Suspended Solids	mg/L	-/-	ANR	ANR	ANR	ANR
Volume Discharged	MGD	17.8/-	ANR	ANR	ANR	ANR
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	-/-	ANR	ANR	ANR	ANR
Gross Beta	pCi/L	-/-	ANR	ANR	ANR	ANR
Strontium-90	pCi/L	-/-	ANR	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	-/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	-/-	ANR	ANR	ANR	ANR
<b>METALS</b>						
Aluminum	ug/L	-/-	ANR	ANR	ANR	ANR
Antimony	ug/L	-/-	ND < 2.0	UJ (B,*3,\$)	ND < 2.0	UJ (\$,B,*3)
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	-/-	0.061	J (B)	0.032	J (DNQ)
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	-/-	4.9	--	1.8	J (DNQ)
Lead	ug/L	-/-	1.7	--	0.34	J (DNQ)
Mercury	ug/L	-/-	0.20	--	0.12	J (DNQ)
Nickel	ug/L	-/-	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR	ANR
Thallium	ug/L	-/-	ANR	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ANR	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 009 (WS-13 Drainage)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/4/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Toluene	ug/L	-/-	ANR	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR

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



OUTFALL 009 (WS-13 Drainage)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/4/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 009 (WS-13 Drainage)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/4/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR

OUTFALL 009 (WS-13 Drainage)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/26/2005	
			RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	26	*
Fluoride	mg/L	1.6/-	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10.0/-	0.51	*
Oil & Grease	mg/L	15/-	1.1	*(DNQ)
Perchlorate	ug/L	6.0/-	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	6.90	*
Sulfate	mg/L	250/-	40	*
Temperature	deg. F	86/-	52.7	*
Total Cyanide	ug/L	-/-	ANR	ANR
Total Dissolved Solids	mg/L	850/-	180	*
Total Suspended Solids	mg/L	-/-	ANR	ANR
Volume Discharged	MGD	17.8/-	ANR	ANR
<b>RADIOACTIVITY</b>				
Gross Alpha	pCi/L	-/-	ANR	ANR
Gross Beta	pCi/L	-/-	ANR	ANR
Strontium-90	pCi/L	-/-	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	-/-	ANR	ANR
Tritium	pCi/L	-/-	ANR	ANR
<b>METALS</b>				
Aluminum	ug/L	-/-	ANR	ANR
Antimony	ug/L	-/-	0.20	UI (B)
Arsenic	ug/L	-/-	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR
Cadmium	ug/L	-/-	0.019	J (DNQ)
Chromium	ug/L	-/-	ANR	ANR
Copper	ug/L	-/-	1.6	J (DNQ)
Lead	ug/L	-/-	ND < 0.13	U
Mercury	ug/L	-/-	0.10	J (DNQ)
Nickel	ug/L	-/-	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR
Silver	ug/L	-/-	ANR	ANR
Thallium	ug/L	-/-	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR
<b>ORGANICS</b>				
Benzene	ug/L	-/-	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR

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

OUTFALL 009 (WS-13 Drainage)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/26/2005	
			RESULT	VALIDATION QUALIFIER
Toluene	ug/L	-/-	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR
<b>ADDITIONAL ANALYTES</b>				
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR

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

OUTFALL 009 (WS-13 Drainage)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/26/2005	
			RESULT	VALIDATION QUALIFIER
Aroclor-1248	ug/L	-/-	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR

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

**OUTFALL 009 (WS-13 Drainage)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/26/2005	
			RESULT	VALIDATION QUALIFIER
Isophorone	ug/L	-/-	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR

**OUTFALL 009 (WS-13 Drainage)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	6.2	*	2.3	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10.0/-	0.95	*	0.70	*
Oil & Grease	mg/L	15/-	ND < 0.94	*	ND < 0.94	*
Perchlorate	ug/L	6.0/-	ND < 0.80	*	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	6.7	*	7.3	*
Sulfate	mg/L	250/-	13	*	2.5	*
Temperature	deg. F	86/-	53.4	*	55.8	*
Total Cyanide	ug/L	-/-	ND < 2.2	U	ANR	ANR
Total Dissolved Solids	mg/L	850/-	86	*	87	*
Total Suspended Solids	mg/L	-/-	ND < 10	U	98	*
Volume Discharged	MGD	17.8/-	ANR	ANR	ANR	ANR
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	-/-	0.812 /±0.63	UJ (R,Q)	ANR	ANR
Gross Beta	pCi/L	-/-	1.76 /±1.1	U	ANR	ANR
Strontium-90	pCi/L	-/-	0.078 /±0.25	U	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	-/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	-/-	-129 /±98	U	ANR	ANR
<b>METALS</b>						
Aluminum	ug/L	-/-	370	--	ANR	ANR
Antimony	ug/L	-/-	ND < 0.18	U	1.2	UJ (B,S)
Arsenic	ug/L	-/-	ND < 3.8	U	ANR	ANR
Beryllium	ug/L	-/-	ND < 0.62	U	ANR	ANR
Boron	mg/L	1.0/-	0.047	J* (DNQ)	ANR	ANR
Cadmium	ug/L	-/-	0.035	J (DNQ)	0.25	J (DNQ)
Chromium	ug/L	-/-	1.1	J (DNQ)	ANR	ANR
Copper	ug/L	-/-	2.2	--	9.5	--
Lead	ug/L	-/-	0.83	J (DNQ)	10	--
Mercury	ug/L	-/-	0.13	J (DNQ)	0.066	J (DNQ)
Nickel	ug/L	-/-	2.0	J (DNQ)	ANR	ANR
Selenium	ug/L	-/-	ND < 4.6	U	ANR	ANR
Silver	ug/L	-/-	ND < 1.3	UJ (*3)	ANR	ANR
Thallium	ug/L	-/-	ND < 3.1	U	ANR	ANR
Vanadium	ug/L	-/-	1.4	J (DNQ)	ANR	ANR
Zinc	ug/L	-/-	6.3	J (DNQ)	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ND < 0.28	U	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U	ANR	ANR
Chloroform	ug/L	-/-	ND < 0.33	U	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	U	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	U	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ND < 0.32	U	ANR	ANR
Ethylbenzene	ug/L	-/-	ND < 0.25	U	ANR	ANR
Tetrachloroethene	ug/L	-/-	ND < 0.32	U	ANR	ANR

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



OUTFALL 009 (WS-13 Drainage)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Toluene	ug/L	-/-	ND < 0.36	U	ANR	ANR
Xylenes (Total)	ug/L	-/-	ND < 0.52	U	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
Trichloroethene	ug/L	-/-	ND < 0.26	U	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	U	ANR	ANR
Vinyl chloride	ug/L	-/-	ND < 0.26	U	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
2,4,5-Trichlorophenol	ug/L	-/-	ND < 3.6	U	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ND < 0.24	U	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ND < 4.4	U	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ND < 4.5	U	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ND < 0.32	U	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ND < 0.35	U	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ND < 5.0	U	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ND < 4.1	U	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ND < 0.35	U	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ND < 3.9	U	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ND < 0.37	U	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ND < 4.1	U	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ND < 4.1	U	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ND < 4.4	U	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ND < 5.3	UJ (C)	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ND < 4.2	U	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ND < 3.2	U	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ND < 1.3	U	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ND < 4.0	U	ANR	ANR
2-Chlorophenol	ug/L	-/-	ND < 4.2	U	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ND < 5.1	U	ANR	ANR
2-Methylnaphthalene	ug/L	-/-	ND < 3.0	U	ANR	ANR
2-Methylphenol	ug/L	-/-	ND < 3.7	U	ANR	ANR
2-Nitrophenol	ug/L	-/-	ND < 4.2	U	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ND < 11	U	ANR	ANR
4,4'-DDD	ug/L	-/-	ND < 0.015	UJ (C)	ANR	ANR
4,4'-DDE	ug/L	-/-	ND < 0.020	U	ANR	ANR
4,4'-DDT	ug/L	-/-	ND < 0.030	UJ (C)	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ND < 4.6	U	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ND < 3.5	U	ANR	ANR
4-Chloroaniline	ug/L	-/-	ND < 6.0	U	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ND < 3.0	U	ANR	ANR
4-Nitrophenol	ug/L	-/-	ND < 6.6	U	ANR	ANR
Acenaphthene	ug/L	-/-	ND < 4.3	U	ANR	ANR
Acenaphthylene	ug/L	-/-	ND < 3.2	U	ANR	ANR
Acrolein	ug/L	-/-	ND < 4.6	R (R)	ANR	ANR
Acrylonitrile	ug/L	-/-	ND < 5.1	UJ (C)	ANR	ANR

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

OUTFALL 009 (WS-13 Drainage)

FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Acute Toxicity	% SURVIVAL	70/-	100	*	ANR	ANR
Aldrin	ug/L	-/-	ND < 0.030	UJ (C)	ANR	ANR
alpha-BHC	ug/L	-/-	ND < 0.015	U	ANR	ANR
Aniline	ug/L	-/-	ND < 2.9	U	ANR	ANR
Anthracene	ug/L	-/-	ND < 3.2	U	ANR	ANR
Aroclor-1016	ug/L	-/-	ND < 0.20	U	ANR	ANR
Aroclor-1221	ug/L	-/-	ND < 0.10	U	ANR	ANR
Aroclor-1232	ug/L	-/-	ND < 0.15	U	ANR	ANR
Aroclor-1242	ug/L	-/-	ND < 0.15	U	ANR	ANR
Aroclor-1248	ug/L	-/-	ND < 0.25	U	ANR	ANR
Aroclor-1254	ug/L	-/-	ND < 0.25	U	ANR	ANR
Aroclor-1260	ug/L	-/-	ND < 0.40	U	ANR	ANR
Benzidine	ug/L	-/-	ND < 5.2	U	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ND < 3.7	U	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ND < 3.5	U	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ND < 2.7	U	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ND < 5.3	U	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ND < 3.4	U	ANR	ANR
Benzoic acid	ug/L	-/-	ND < 2.6	UJ (C)	ANR	ANR
Benzyl alcohol	ug/L	-/-	ND < 2.5	U	ANR	ANR
beta-BHC	ug/L	-/-	ND < 0.015	U	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ND < 4.4	U	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ND < 5.2	U	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ND < 3.9	U	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ND < 4.6	U	ANR	ANR
Bromodichloromethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
Bromoform	ug/L	-/-	ND < 0.32	U	ANR	ANR
Bromomethane	ug/L	-/-	ND < 0.34	U	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ND < 3.5	U	ANR	ANR
Chlordane	ug/L	-/-	ND < 0.20	U	ANR	ANR
Chlorobenzene	ug/L	-/-	ND < 0.36	U	ANR	ANR
Chloroethane	ug/L	-/-	ND < 0.33	U	ANR	ANR
Chloromethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
Chrysene	ug/L	-/-	ND < 2.8	U	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ND < 0.22	U	ANR	ANR
delta-BHC	ug/L	-/-	ND < 0.020	UJ (C)	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ND < 4.7	U	ANR	ANR
Dibenzofuran	ug/L	-/-	ND < 2.6	U	ANR	ANR
Dibromochloromethane	ug/L	-/-	ND < 0.28	U	ANR	ANR
Dieldrin	ug/L	-/-	ND < 0.015	U	ANR	ANR
Diethylphthalate	ug/L	-/-	ND < 3.1	U	ANR	ANR
Dimethylphthalate	ug/L	-/-	ND < 3.6	U	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ND < 2.8	U	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ND < 4.7	U	ANR	ANR
Endosulfan I	ug/L	-/-	ND < 0.015	U	ANR	ANR

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

**OUTFALL 009 (WS-13 Drainage)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Endosulfan II	ug/L	-/-	ND < 0.040	U	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ND < 0.015	U	ANR	ANR
Endrin	ug/L	-/-	ND < 0.015	U	ANR	ANR
Endrin aldehyde	ug/L	-/-	ND < 0.045	U	ANR	ANR
Endrin ketone	ug/L	-/-	ND < 0.020	U	ANR	ANR
Fluoranthene	ug/L	-/-	ND < 4.2	U	ANR	ANR
Fluorene	ug/L	-/-	ND < 3.9	U	ANR	ANR
Heptachlor	ug/L	-/-	ND < 0.030	U	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ND < 0.020	U	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ND < 4.8	U	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ND < 4.2	U	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ND < 3.4	UJ (C)	ANR	ANR
Hexachloroethane	ug/L	-/-	ND < 4.2	U	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ND < 5.4	U	ANR	ANR
Isophorone	ug/L	-/-	ND < 3.7	U	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ND < 0.015	U	ANR	ANR
Methoxychlor	ug/L	-/-	ND < 0.035	U	ANR	ANR
Methylene Chloride	ug/L	-/-	ND < 0.48	U	ANR	ANR
m-Nitroaniline	ug/L	-/-	ND < 4.5	U	ANR	ANR
Naphthalene	ug/L	-/-	ND < 4.5	U	ANR	ANR
Nitrobenzene	ug/L	-/-	ND < 4.2	U	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ND < 3.7	U	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ND < 3.6	U	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ND < 4.0	U	ANR	ANR
o-Nitroaniline	ug/L	-/-	ND < 3.9	U	ANR	ANR
p-Cresol	ug/L	-/-	ND < 3.8	U	ANR	ANR
Pentachlorophenol	ug/L	-/-	ND < 4.0	UJ (C)	ANR	ANR
Phenanthrene	ug/L	-/-	ND < 3.3	U	ANR	ANR
Phenol	ug/L	-/-	ND < 4.0	U	ANR	ANR
p-Nitroaniline	ug/L	-/-	ND < 4.9	U	ANR	ANR
Pyrene	ug/L	-/-	ND < 3.9	U	ANR	ANR
Toxaphene	ug/L	-/-	ND < 1.5	U	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ND < 0.27	U	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ND < 0.24	U	ANR	ANR

OUTFALL 009 (WS-13 Drainage)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/4/2005		3/19/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	8.0	*	18	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10.0/-	0.45	*	0.14	*
Oil & Grease	mg/L	15/-	ND < 0.94	*	ND < 0.94	*
Perchlorate	ug/L	6.0/-	ANR	ANR	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	7.0	*	7.1	*
Sulfate	mg/L	250/-	18	*	66	*
Temperature	deg. F	86/-	59.5	*	53.4	*
Total Cyanide	ug/L	-/-	ANR	ANR	ANR	ANR
Total Dissolved Solids	mg/L	850/-	130	*	300	*
Total Suspended Solids	mg/L	-/-	ND < 10	*	ND < 10	*
Volume Discharged	MGD	17.8/-	ANR	ANR	ANR	ANR
<b>RADIOACTIVITY</b>						
Gross Alpha (filtered)	pCi/L	-/-	ANR	ANR	ANR	ANR
Gross Beta (filtered)	pCi/L	-/-	ANR	ANR	ANR	ANR
Strontium-90 (filtered)	pCi/L	-/-	ANR	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	-/-	ANR	ANR	ANR	ANR
Tritium (filtered)	pCi/L	-/-	ANR	ANR	ANR	ANR
<b>METALS</b>						
Aluminum	ug/L	-/-	ANR	ANR	ANR	ANR
Antimony	ug/L	-/-	1.3	UJ (B,*3)	0.55	UJ (B,\$)
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	-/-	0.041	J (DNQ)	0.025	J (DNQ)
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	-/-	3.9	--	1.8	J (DNQ)
Lead	ug/L	-/-	0.62	J (DNQ)	ND < 0.13	U
Mercury	ug/L	-/-	ND < 0.063	U	ND < 0.063	U
Nickel	ug/L	-/-	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR	ANR
Thallium	ug/L	-/-	ANR	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ANR	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR	ANR

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

OUTFALL 009 (WS-13 Drainage)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/4/2005		3/19/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Toluene	ug/L	-/-	ANR	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR

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

OUTFALL 009 (WS-13 Drainage)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/4/2005		3/19/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 009 (WS-13 Drainage)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**March 1 through March 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/4/2005		3/19/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR



**OUTFALL 009 (WS-13 Drainage)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY - ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date January 4, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	2.10E-06	5.00E-05	7.60E-05	--	0.01	7.60E-07	7.60E-07
1,2,3,4,6,7,8-HpCDF	1.80E-06	5.00E-05	5.90E-05	--	0.01	5.90E-07	5.90E-07
1,2,3,4,7,8,9-HpCDF	2.10E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.10E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	9.30E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	9.70E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	6.50E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.10E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	9.30E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.40E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.20E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	8.00E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	9.50E-07	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	1.30E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	1.50E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	4.50E-06	1.00E-04	2.10E-03	--	0.0001	2.10E-07	2.10E-07
OCDF	2.80E-06	1.00E-04	1.60E-03	--	0.0001	1.60E-07	1.60E-07
<b>TCDD TEQ w/ DNQ Values</b>						<b>1.72E-06</b>	<b>1.72E-06</b>
<b>TCDD TEQ w/out DNQ Values</b>							

Dioxin TCDD TEQ compliance limit established for this outfall? No

TCDD TEQ PERMIT LIMIT = NA

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

**OUTFALL 009 (WS-13 Drainage)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY - ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date January 11, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	1.20E-06	5.00E-05	3.00E-06	UJ (B)	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	9.40E-07	1.10E-06	ND	UJ (*10)	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	1.40E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	8.30E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	8.20E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	7.40E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	6.80E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	6.20E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	7.20E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	8.30E-07	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.20E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	8.60E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	7.30E-07	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	1.30E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	8.50E-07	1.00E-05	ND	U	0.1	ND	ND
OCDD	1.50E-06	1.00E-04	2.60E-05	UJ (B)	0.0001	ND	ND
OCDF	1.30E-06	1.00E-04	7.70E-06	UJ (B)	0.0001	ND	ND

**TCDD TEQ w/ DNQ Values**

**TCDD TEQ w/out DNQ Values**

**Dioxin TCDD TEQ compliance limit established for this outfall?**

No

**TCDD TEQ PERMIT LIMIT = NA**

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

**OUTFALL 009 (WS-13 Drainage)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY - ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date January 26, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	7.60E-07	5.00E-05	2.30E-06	J (DNQ)	0.01	2.30E-08	ND
1,2,3,4,6,7,8-HpCDF	6.50E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	7.30E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.10E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	7.50E-07	5.00E-05	1.10E-06	J (DNQ)	0.1	1.10E-07	ND
1,2,3,6,7,8-HxCDD	6.00E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	7.80E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	8.30E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	8.70E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.10E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.10E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	7.00E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	7.20E-07	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	1.40E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	1.20E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	1.50E-06	1.00E-04	2.00E-05	J (DNQ)	0.0001	2.00E-09	ND
OCDF	6.90E-07	1.00E-04	4.40E-06	UJ (B)	0.0001	ND	ND

**TCDD TEQ w/ DNQ Values**

**TCDD TEQ w/out DNQ Values**

1.35E-07

ND

**Dioxin TCDD TEQ compliance limit established for this outfall?**

No

**TCDD TEQ PERMIT LIMIT = NA**

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

**OUTFALL 009 (WS-13 Drainage)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY - ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date February 11, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	6.63E-06	5.00E-05	1.00E-05	J (DNQ)	0.01	1.00E-07	ND
1,2,3,4,6,7,8-HpCDF	1.47E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	4.57E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	2.71E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	1.48E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	2.70E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	7.85E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	3.33E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	9.33E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	2.09E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.85E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	7.06E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.44E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	2.02E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	4.30E-04	1.00E-05	ND	U	0.1	ND	ND
OCDD	1.11E-05	1.00E-04	1.34E-04	--	0.0001	1.34E-08	1.34E-08
OCDF	7.47E-06	1.00E-04	ND	U	0.0001	ND	ND
<b>TCDD TEQ w/ DNQ Values</b>							
						<b>1.13E-07</b>	<b>1.34E-08</b>
<b>TCDD TEQ w/out DNQ Values</b>							

Dioxin TCDD TEQ compliance limit established for this outfall? **No**

TCDD TEQ PERMIT LIMIT = NA

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

**OUTFALL 009 (WS-13 Drainage)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY - ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date February 18, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	5.00E-05	4.88E-05	J (DNQ)	0.01	4.88E-07	ND
1,2,3,4,6,7,8-HpCDF	0.00E+00	5.00E-05	9.06E-06	J (DNQ)	0.01	9.06E-08	ND
1,2,3,4,7,8,9-HpCDF	2.50E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	3.36E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	1.07E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	3.29E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	1.02E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	3.31E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.65E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	2.17E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	3.87E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	1.09E-06	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	3.29E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	1.41E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	1.70E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	1.00E-04	5.20E-04	--	0.0001	5.20E-08	5.20E-08
OCDF	0.00E+00	1.00E-04	2.89E-05	J (DNQ)	0.0001	2.89E-09	ND

TCDD TEQ w/ DNQ Values	TCDD TEQ w/out DNQ Values
6.33E-07	5.20E-08

Dioxin TCDD TEQ compliance limit established for this outfall? No

TCDD TEQ PERMIT LIMIT = NA

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

OUTFALL 009 (WS-13 Drainage)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date March 4, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	5.00E-05	2.36E-06	J (DNQ)	0.01	2.36E-08	ND
1,2,3,4,6,7,8-HpCDF	7.34E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	8.05E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	9.30E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	3.76E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	9.88E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	3.58E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	9.58E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	6.11E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	4.81E-07	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	9.34E-07	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	4.18E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	8.16E-07	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	6.11E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	7.76E-07	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	1.00E-04	1.82E-05	J (DNQ)	0.0001	1.82E-09	ND
OCDF	2.47E-06	1.00E-04	ND	U	0.0001	ND	ND

TCDD TEQ w/ DNQ Values

TCDD TEQ w/out DNQ Values

2.54E-08

ND

Dioxin TCDD TEQ compliance limit established for this outfall? No

TCDD TEQ PERMIT LIMIT = NA

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



OUTFALL 009 (WS-13 Drainage)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date March 19, 2005

ANALYTE	LAB LOD (ug/L)	LAB RI (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	5.00E-05	1.19E-06	J (DNQ)	0.01	1.19E-08	ND
1,2,3,4,6,7,8-HpCDF	7.59E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	9.25E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.27E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	3.99E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.18E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	4.03E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.21E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	7.20E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	7.64E-07	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.49E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	4.74E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.37E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	8.85E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	1.01E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	1.00E-04	6.83E-06	J (DNQ)	0.0001	6.83E-10	ND
OCDF	3.47E-06	1.00E-04	ND	U	0.0001	ND	ND

TCDD TEQ w/ DNQ Values

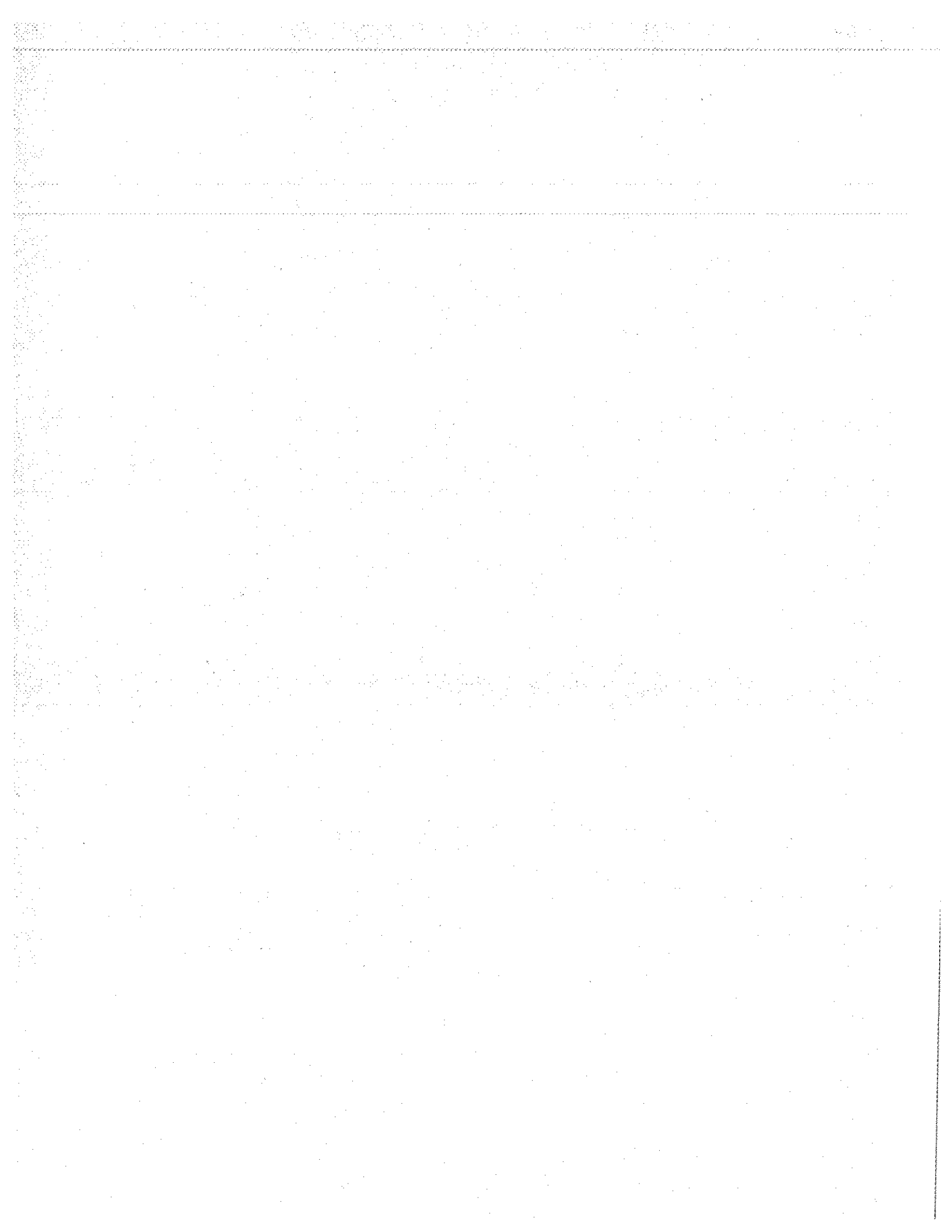
TCDD TEQ w/out DNQ Values

Dioxin TCDD TEQ compliance limit established for this outfall? No

TCDD TEQ PERMIT LIMIT = NA

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





**OUTFALL 010 (Building 203)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/4/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	12	*	5.8	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10.0/-	1.8	*	0.68	*
Oil & Grease	mg/L	15/-	ND < 0.94	*	7.3	B*
Perchlorate	ug/L	6.0/-	ANR	ANR	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	7.10	*	6.80	*
Sulfate	mg/L	250/-	5.4	*	3.4	*
Temperature	deg. F	86/-	48.9	*	51.8	*
Total Cyanide	ug/L	-/-	ANR	ANR	ANR	ANR
Total Dissolved Solids	mg/L	850/-	140	*	110	*
Total Suspended Solids	mg/L	-/-	ANR	ANR	ANR	ANR
Volume Discharged	MGD	17.8/-	ANR	ANR	ANR	ANR
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	-/-	ANR	ANR	ANR	ANR
Gross Beta	pCi/L	-/-	ANR	ANR	ANR	ANR
Strontium-90	pCi/L	-/-	ANR	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	-/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	-/-	ANR	ANR	ANR	ANR
<b>METALS</b>						
Aluminum	ug/L	-/-	ANR	ANR	ANR	ANR
Antimony	ug/L	-/-	ND < 2.0	UJ (B,*3,\$)	ND < 2.0	UJ (B,*3,\$)
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	-/-	0.054	J (B)	0.082	J (DNQ)
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	-/-	3.2	--	2.5	--
Lead	ug/L	-/-	1.7	--	1.1	--
Mercury	ug/L	-/-	0.24	--	0.10	J (DNQ)
Nickel	ug/L	-/-	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR	ANR
Thallium	ug/L	-/-	ANR	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ANR	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 010 (Building 203)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/4/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Toluene	ug/L	-/-	ANR	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 010 (Building 203)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/4/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 010 (Building 203)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**January 1 through January 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/4/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR

**OUTFALL 010 (Building 203)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	4.2	*	6.8	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10.0/-	0.15	J* (DNQ)	0.13	*
Oil & Grease	mg/L	15/-	ND < 0.94	*	ND < 0.94	*
Perchlorate	ug/L	6.0/-	ND < 0.80	*	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	6.5	*	7.3	*
Sulfate	mg/L	250/-	2.0	*	2.7	*
Temperature	deg. F	86/-	54.1	*	54.9	*
Total Cyanide	ug/L	-/-	ND < 2.2	U	ANR	ANR
Total Dissolved Solids	mg/L	850/-	79	*	100	*
Total Suspended Solids	mg/L	-/-	150	--	200	*
Volume Discharged	MGD	17.8/-	ANR	ANR	ANR	ANR
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	-/-	4.98 ±1.5	J (R,Q)	ANR	ANR
Gross Beta	pCi/L	-/-	8.16 ±1.6	--	ANR	ANR
Strontium-90	pCi/L	-/-	-0.061 ±0.24	U	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	-/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	-/-	-59.6 ±100	U	ANR	ANR
<b>METALS</b>						
Aluminum	ug/L	-/-	1200	--	ANR	ANR
Antimony	ug/L	-/-	0.5	UJ (B,*3,\$)	1.1	UJ (B,\$)
Arsenic	ug/L	-/-	ND < 3.8	UJ (B)	ANR	ANR
Beryllium	ug/L	-/-	ND < 0.62	U	ANR	ANR
Boron	mg/L	1.0/-	ND < 0.0074	*	ANR	ANR
Cadmium	ug/L	-/-	0.081	J (DNQ)	0.19	J (DNQ)
Chromium	ug/L	-/-	2.7	J (DNQ)	ANR	ANR
Copper	ug/L	-/-	3.8	--	11	--
Lead	ug/L	-/-	2.4	--	6.2	--
Mercury	ug/L	-/-	0.25	--	0.14	J (DNQ)
Nickel	ug/L	-/-	2.1	J (DNQ)	ANR	ANR
Selenium	ug/L	-/-	ND < 4.6	U	ANR	ANR
Silver	ug/L	-/-	ND < 1.3	UJ (*3)	ANR	ANR
Thallium	ug/L	-/-	ND < 3.1	U	ANR	ANR
Vanadium	ug/L	-/-	5.2	J (DNQ)	ANR	ANR
Zinc	ug/L	-/-	23	--	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ND < 0.28	U	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U	ANR	ANR
Chloroform	ug/L	-/-	ND < 0.33	U	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	U	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	U	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ND < 0.32	U	ANR	ANR
Ethylbenzene	ug/L	-/-	ND < 0.25	U	ANR	ANR
Tetrachloroethene	ug/L	-/-	ND < 0.32	U	ANR	ANR

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

OUTFALL 010 (Building 203)

FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Toluene	ug/L	-/-	ND < 0.36	U	ANR	ANR
Xylenes (Total)	ug/L	-/-	ND < 0.52	U	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
Trichloroethene	ug/L	-/-	ND < 0.26	U	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	U	ANR	ANR
Vinyl chloride	ug/L	-/-	ND < 0.26	U	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
2,4,5-Trichlorophenol	ug/L	-/-	ND < 3.6	U	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ND < 0.24	U	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ND < 4.4	U	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ND < 4.5	U	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ND < 0.32	U	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ND < 0.35	U	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ND < 5.0	U	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ND < 4.1	U	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ND < 0.35	U	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ND < 3.9	U	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ND < 0.37	U	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ND < 4.1	U	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ND < 4.1	U	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ND < 4.4	U	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ND < 5.3	UJ (C)	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ND < 4.2	U	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ND < 3.2	U	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ND < 1.3	U	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ND < 4.0	U	ANR	ANR
2-Chlorophenol	ug/L	-/-	ND < 4.2	U	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ND < 5.1	U	ANR	ANR
2-Methylnaphthalene	ug/L	-/-	ND < 3.0	U	ANR	ANR
2-Methylphenol	ug/L	-/-	ND < 3.7	U	ANR	ANR
2-Nitrophenol	ug/L	-/-	ND < 4.2	U	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ND < 11	U	ANR	ANR
4,4'-DDD	ug/L	-/-	ND < 0.015	U	ANR	ANR
4,4'-DDE	ug/L	-/-	ND < 0.020	U	ANR	ANR
4,4'-DDT	ug/L	-/-	ND < 0.030	UJ (C)	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ND < 4.6	U	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ND < 3.5	U	ANR	ANR
4-Chloroaniline	ug/L	-/-	ND < 6.0	U	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ND < 3.0	U	ANR	ANR
4-Nitrophenol	ug/L	-/-	ND < 6.6	U	ANR	ANR
Acenaphthene	ug/L	-/-	ND < 4.3	U	ANR	ANR
Acenaphthylene	ug/L	-/-	ND < 3.2	U	ANR	ANR
Acrolein	ug/L	-/-	ND < 4.6	R (R)	ANR	ANR
Acrylonitrile	ug/L	-/-	ND < 5.1	UJ (C)	ANR	ANR

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



**OUTFALL 010 (Building 203)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**February 1 through February 28, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Acute Toxicity	% SURVIVAL	70/-	100	*	ANR	ANR
Aldrin	ug/L	-/-	ND < 0.030	U	ANR	ANR
alpha-BHC	ug/L	-/-	ND < 0.015	U	ANR	ANR
Aniline	ug/L	-/-	ND < 2.9	U	ANR	ANR
Anthracene	ug/L	-/-	ND < 3.2	U	ANR	ANR
Aroclor-1016	ug/L	-/-	ND < 0.20	U	ANR	ANR
Aroclor-1221	ug/L	-/-	ND < 0.10	U	ANR	ANR
Aroclor-1232	ug/L	-/-	ND < 0.15	U	ANR	ANR
Aroclor-1242	ug/L	-/-	ND < 0.15	U	ANR	ANR
Aroclor-1248	ug/L	-/-	ND < 0.25	U	ANR	ANR
Aroclor-1254	ug/L	-/-	ND < 0.25	U	ANR	ANR
Aroclor-1260	ug/L	-/-	ND < 0.40	U	ANR	ANR
Benzidine	ug/L	-/-	ND < 5.2	U	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ND < 3.7	U	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ND < 3.5	U	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ND < 2.7	U	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ND < 5.3	U	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ND < 3.4	U	ANR	ANR
Benzoic acid	ug/L	-/-	ND < 2.6	UJ (C)	ANR	ANR
Benzyl alcohol	ug/L	-/-	ND < 2.5	U	ANR	ANR
beta-BHC	ug/L	-/-	ND < 0.015	U	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ND < 4.4	U	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ND < 5.2	U	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ND < 3.9	U	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ND < 4.6	U	ANR	ANR
Bromodichloromethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
Bromoform	ug/L	-/-	ND < 0.32	U	ANR	ANR
Bromomethane	ug/L	-/-	ND < 0.34	U	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ND < 3.5	U	ANR	ANR
Chlordane	ug/L	-/-	ND < 0.20	U	ANR	ANR
Chlorobenzene	ug/L	-/-	ND < 0.36	U	ANR	ANR
Chloroethane	ug/L	-/-	ND < 0.33	U	ANR	ANR
Chloromethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
Chrysene	ug/L	-/-	ND < 2.8	U	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ND < 0.22	U	ANR	ANR
delta-BHC	ug/L	-/-	ND < 0.020	U	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ND < 4.7	U	ANR	ANR
Dibenzofuran	ug/L	-/-	ND < 2.6	U	ANR	ANR
Dibromochloromethane	ug/L	-/-	ND < 0.28	U	ANR	ANR
Dieldrin	ug/L	-/-	ND < 0.015	U	ANR	ANR
Diethylphthalate	ug/L	-/-	ND < 3.1	U	ANR	ANR
Dimethylphthalate	ug/L	-/-	ND < 3.6	U	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ND < 2.8	U	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ND < 4.7	U	ANR	ANR
Endosulfan I	ug/L	-/-	ND < 0.015	U	ANR	ANR

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

**OUTFALL 010 (Building 203)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Endosulfan II	ug/L	-/-	ND < 0.040	U	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ND < 0.015	U	ANR	ANR
Endrin	ug/L	-/-	ND < 0.015	U	ANR	ANR
Endrin aldehyde	ug/L	-/-	ND < 0.045	UJ (C)	ANR	ANR
Endrin ketone	ug/L	-/-	ND < 0.020	UJ (C)	ANR	ANR
Fluoranthene	ug/L	-/-	ND < 4.2	U	ANR	ANR
Fluorene	ug/L	-/-	ND < 3.9	U	ANR	ANR
Heptachlor	ug/L	-/-	ND < 0.030	UJ (C)	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ND < 0.020	U	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ND < 4.8	U	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ND < 4.2	U	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ND < 3.4	UJ (C)	ANR	ANR
Hexachloroethane	ug/L	-/-	ND < 4.2	U	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ND < 5.4	U	ANR	ANR
Isophorone	ug/L	-/-	ND < 3.7	U	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ND < 0.015	U	ANR	ANR
Methoxychlor	ug/L	-/-	ND < 0.035	UJ (C)	ANR	ANR
Methylene Chloride	ug/L	-/-	ND < 0.48	U	ANR	ANR
m-Nitroaniline	ug/L	-/-	ND < 4.5	U	ANR	ANR
Naphthalene	ug/L	-/-	ND < 4.5	U	ANR	ANR
Nitrobenzene	ug/L	-/-	ND < 4.2	U	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ND < 3.7	U	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ND < 3.6	U	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ND < 4.0	U	ANR	ANR
o-Nitroaniline	ug/L	-/-	ND < 3.9	U	ANR	ANR
p-Cresol	ug/L	-/-	ND < 3.8	U	ANR	ANR
Pentachlorophenol	ug/L	-/-	ND < 4.0	U	ANR	ANR
Phenanthrene	ug/L	-/-	ND < 3.3	U	ANR	ANR
Phenol	ug/L	-/-	ND < 4.0	U	ANR	ANR
p-Nitroaniline	ug/L	-/-	ND < 4.9	U	ANR	ANR
Pyrene	ug/L	-/-	ND < 3.9	U	ANR	ANR
Toxaphene	ug/L	-/-	ND < 1.5	U	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ND < 0.27	U	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ND < 0.24	U	ANR	ANR

**OUTFALL 010 (Building 203)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**March 1 through March 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/23/2005	
			RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	6.1	*
Fluoride	mg/L	1.6/-	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10.0/-	0.092	J* (DNQ)
Oil & Grease	mg/L	15/-	ND < 0.94	*
Perchlorate	ug/L	6.0/-	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	6.9	*
Sulfate	mg/L	250/-	2.3	*
Temperature	deg. F	86/-	52	*
Total Cyanide	ug/L	-/-	ANR	ANR
Total Dissolved Solids	mg/L	850/-	79	*
Total Suspended Solids	mg/L	-/-	17	*
Volume Discharged	MGD	17.8/-	ANR	ANR
<b>RADIOACTIVITY</b>				
Gross Alpha	pCi/L	-/-	ANR	ANR
Gross Beta	pCi/L	-/-	ANR	ANR
Strontium-90	pCi/L	-/-	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	-/-	ANR	ANR
Tritium	pCi/L	-/-	ANR	ANR
<b>METALS</b>				
Aluminum	ug/L	-/-	ANR	ANR
Antimony	ug/L	-/-	ND < 0.18	UJ (*3,B)
Arsenic	ug/L	-/-	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR
Cadmium	ug/L	-/-	0.086	J (DNQ)
Chromium	ug/L	-/-	ANR	ANR
Copper	ug/L	-/-	3.9	--
Lead	ug/L	-/-	1.6	--
Mercury	ug/L	-/-	ND < 0.063	U
Nickel	ug/L	-/-	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR
Silver	ug/L	-/-	ANR	ANR
Thallium	ug/L	-/-	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR
<b>ORGANICS</b>				
Benzene	ug/L	-/-	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR

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

**OUTFALL 010 (Building 203)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**March 1 through March 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/23/2005	
			RESULT	VALIDATION QUALIFIER
Toluene	ug/L	-/-	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR
<b>ADDITIONAL ANALYTES</b>				
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR

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

**OUTFALL 010 (Building 203)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**March 1 through March 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/23/2005	
			RESULT	VALIDATION QUALIFIER
Aroclor-1248	ug/L	-/-	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR

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

**OUTFALL 010 (Building 203)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/23/2005	
			RESULT	VALIDATION QUALIFIER
Isophorone	ug/L	-/-	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR

OUTFALL 010 (Building 203)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY - ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date January 4, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	2.50E-06	5.00E-05	2.00E-05	J (DNQ)	0.01	2.00E-07	ND
1,2,3,4,6,7,8-HpCDF	1.50E-06	5.00E-05	6.60E-06	J (DNQ)	0.01	6.60E-08	ND
1,2,3,4,7,8,9-HpCDF	1.90E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	2.60E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	2.00E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	2.00E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	1.60E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	2.20E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.50E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.90E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDF	1.40E-06	5.00E-05	ND	U	1	ND	ND
2,3,4,6,7,8-HxCDF	1.60E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,7,8-PeCDF	1.20E-06	5.00E-05	ND	U	0.1	ND	ND
2,3,7,8-TCDD	2.10E-06	1.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDF	2.10E-06	1.00E-05	ND	U	1	ND	ND
OCDD	2.50E-06	1.00E-04	2.20E-04	U	0.1	ND	ND
OCDF	2.80E-06	1.00E-04	4.30E-05	J (DNQ)	0.0001	2.20E-08	2.20E-08
					0.0001	4.30E-09	ND

TCDD TEQ w/ DNQ Values

2.92E-07

Dioxin TCDD TEQ compliance limit established for this outfall?

No

TCDD TEQ PERMIT LIMIT = NA

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



OUTFALL 010 (Building 203)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY - ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date January 11, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	1.90E-06	5.00E-05	3.50E-05	J (DNQ)	0.01	3.50E-07	ND
1,2,3,4,6,7,8-HpCDF	1.10E-06	5.00E-05	7.90E-06	J (DNQ)	0.01	7.90E-08	ND
1,2,3,4,7,8,9-HpCDF	1.60E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.80E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	6.70E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.40E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	8.70E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.40E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.10E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.90E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.50E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	9.60E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.00E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	1.00E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	7.50E-07	1.00E-05	ND	U	0.1	ND	ND
OCDD	2.80E-06	1.00E-04	3.20E-04	--	0.0001	3.20E-08	3.20E-08
OCDF	1.70E-06	1.00E-04	6.90E-05	J (DNQ)	0.0001	6.90E-09	ND

TCDD TEQ w/ DNQ Values

TCDD TEQ w/out DNQ Values

4.68E-07

3.20E-08

Dioxin TCDD TEQ compliance limit established for this outfall?

No

TCDD TEQ PERMIT LIMIT = NA

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

OUTFALL 010 (Building 203)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY - ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date February 11, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	6.41E-06	5.00E-05	7.54E-05	--	0.01	7.54E-07	7.54E-07
1,2,3,4,6,7,8-HpCDF	1.67E-06	5.00E-05	1.68E-05	J (DNQ)	0.01	1.68E-07	ND
1,2,3,4,7,8,9-HpCDF	2.36E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	3.45E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	1.86E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	3.21E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	8.67E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	3.83E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.12E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.65E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.24E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	8.43E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.79E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	2.29E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	2.94E-04	1.00E-05	ND	U	0.1	ND	ND
OCDD	1.10E-05	1.00E-04	8.83E-04	--	0.0001	8.83E-08	8.83E-08
OCDF	3.46E-06	1.00E-04	1.55E-04	--	0.0001	1.55E-08	1.55E-08
<b>TCDD TEQ w/ DNQ Values</b>						<b>1.03E-06</b>	<b>8.58E-07</b>
<b>TCDD TEQ w/out DNQ Values</b>							

Dioxin TCDD TEQ compliance limit established for this outfall? No

TCDD TEQ PERMIT LIMIT = NA

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

OUTFALL 010 (Building 203)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY - ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date February 18, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	5.00E-05	4.85E-04	--	0.01	4.85E-06	4.85E-06
1,2,3,4,6,7,8-HpCDF	0.00E+00	5.00E-05	8.81E-05	--	0.01	8.81E-07	8.81E-07
1,2,3,4,7,8,9-HpCDF	0.00E+00	5.00E-05	7.23E-06	J (DNQ)	0.01	7.23E-08	ND
1,2,3,4,7,8-HxCDD	1.98E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	1.34E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	0.00E+00	5.00E-05	9.92E-06	J (DNQ)	0.1	9.92E-07	ND
1,2,3,6,7,8-HxCDF	1.97E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	3.93E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.12E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.32E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDF	1.74E-06	5.00E-05	ND	U	1	ND	ND
2,3,4,6,7,8-HxCDF	1.12E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,7,8-PeCDF	1.57E-06	5.00E-05	ND	U	0.1	ND	ND
2,3,7,8-TCDD	5.95E-07	1.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDF	6.09E-07	1.00E-05	ND	U	1	ND	ND
OCDD	0.00E+00	1.00E-04	6.08E-03	--	0.0001	6.08E-07	6.08E-07
OCDF	0.00E+00	1.00E-04	1.23E-03	--	0.0001	1.23E-07	1.23E-07
TCDD TEQ w/ DNQ Values						7.53E-06	
TCDD TEQ w/out DNQ Values							6.46E-06

Dioxin TCDD TEQ compliance limit established for this outfall?

No

TCDD TEQ PERMIT LIMIT = NA

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

OUTFALL 010 (Building 203)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

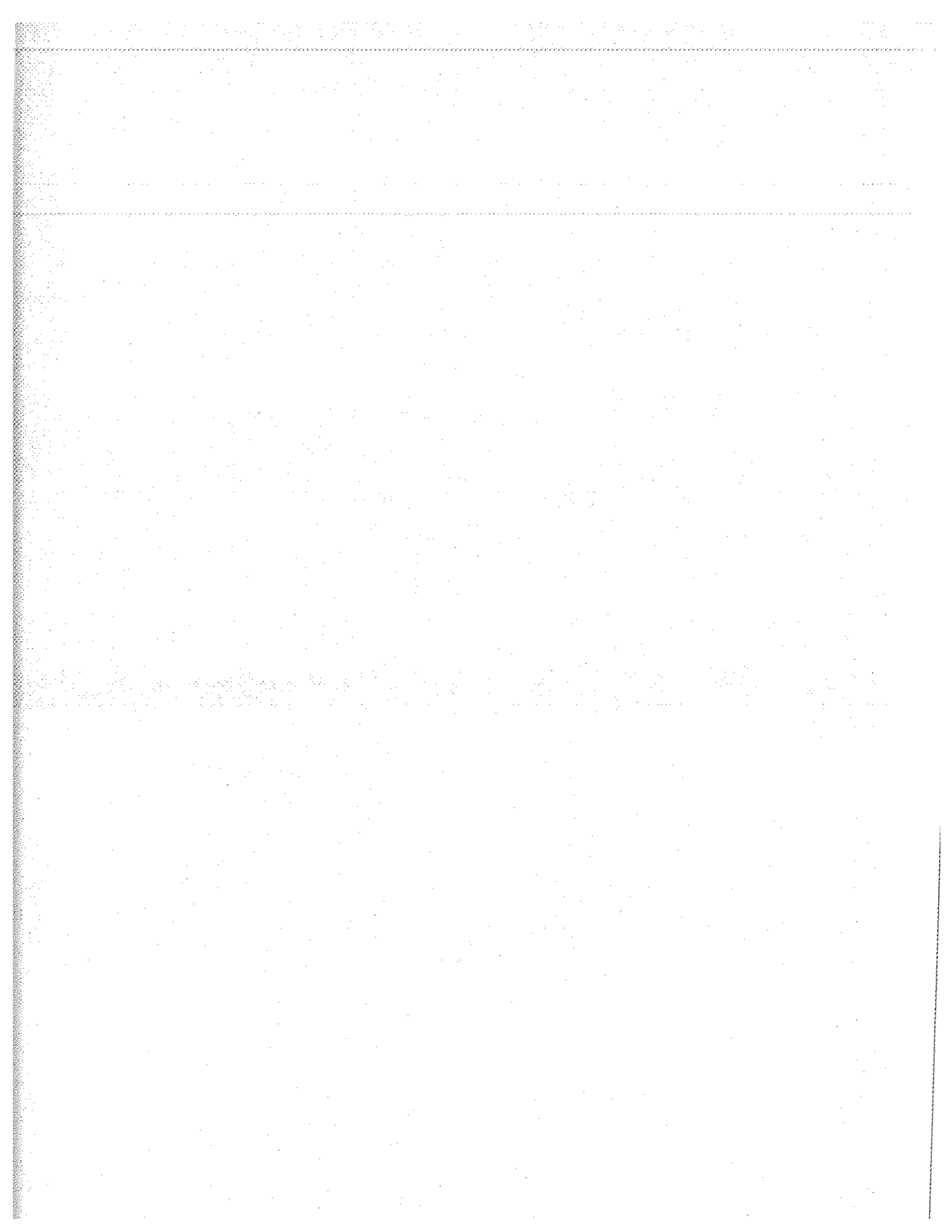
Sample Date March 23, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)	
1,2,3,4,6,7,8-HpCDD	0.00E+00	5.00E-05	1.20E-04	--	0.01	1.20E-06	1.20E-06	
1,2,3,4,6,7,8-HpCDF	0.00E+00	5.00E-05	2.59E-05	J (DNQ)	0.01	2.59E-07	ND	
1,2,3,4,7,8,9-HpCDF	3.06E-06	5.00E-05	ND	U	0.01	ND	ND	
1,2,3,4,7,8-HxCDD	3.83E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,4,7,8-HxCDF	1.03E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,6,7,8-HxCDD	4.03E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,6,7,8-HxCDF	1.04E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8,9-HxCDD	3.93E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8,9-HxCDF	1.91E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8-PeCDD	1.75E-06	5.00E-05	ND	U	1	ND	ND	
1,2,3,7,8-PeCDF	2.89E-06	5.00E-05	ND	U	0.05	ND	ND	
2,3,4,6,7,8-HxCDF	1.31E-06	5.00E-05	ND	U	0.1	ND	ND	
2,3,4,7,8-PeCDF	2.71E-06	5.00E-05	ND	U	0.5	ND	ND	
2,3,7,8-TCDD	1.86E-06	1.00E-05	ND	U	1	ND	ND	
2,3,7,8-TCDF	2.11E-06	1.00E-05	ND	U	0.1	ND	ND	
OCDD	0.00E+00	1.00E-04	1.32E-03	--	0.0001	1.32E-07	1.32E-07	
OCDF	0.00E+00	1.00E-04	2.93E-04	--	0.0001	2.93E-08	2.93E-08	
<b>TCDD TEQ w/ DNQ Values</b>							<b>1.62E-06</b>	<b>1.36E-06</b>
<b>TCDD TEQ w/out DNQ Values</b>								

Dioxin TCDD TEQ compliance limit established for this outfall? No

TCDD TEQ PERMIT LIMIT = NA

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



**OUTFALL 011(Perimeter Pond Weir)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/4/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	ND < 0.30	U	ND < 0.30	U
Biochemical Oxygen Demand (BOD 5 day)	mg/L	-/-	1.1	J (DNQ)	0.83	J (DNQ)
Chloride	mg/L	-/-	4.2	--	3.6	--
Specific Conductivity (Lab)	umhos/cm	-/-	100	--	94	--
Surfactants (MBAS)	mg/L	-/-	ND < 4.4	U	ND < 0.044	*
Fluoride	mg/L	-/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	-/-	2.1	--	0.91	--
Oil & Grease	mg/L	-/-	ND < 0.94	U	14	(B,\$)
Perchlorate	ug/L	-/-	ND < 0.80	U	ND < 0.80	U
pH (Field)	pH units	6.5-8.5/-	6.70	*	6.80	*
Total Settleable Solids	ml/L	-/-	ND < 0.10	U	ND < 0.10	U
Sulfate	mg/L	-/-	5.9	--	4.9	--
Temperature	deg. F	86/-	52.0	*	57.6	*
Total Cyanide	ug/L	-/-	ND < 2.2	U	ND < 2.2	U
Total Dissolved Solids	mg/L	-/-	120	--	88	--
Total Organic Carbon	mg/L	-/-	ANR	ANR	ANR	ANR
Total Residual Chlorine	mg/L	-/-	ANR	ANR	ANR	ANR
Total Suspended Solids	mg/L	-/-	ND < 10	U	ND < 10	U
Turbidity	NTU	-/-	30	--	18	--
Volume Discharged	MGD	-/-	1.08	*	2.69	*
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	-/-	ANR	ANR	ANR	ANR
Gross Beta	pCi/L	-/-	ANR	ANR	ANR	ANR
Strontium-90	pCi/L	-/-	ANR	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	-/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	-/-	ANR	ANR	ANR	ANR
<b>METALS</b>						
Antimony	ug/L	-/-	ANR	ANR	ANR	ANR
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR
Barium	mg/L	-/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR
Boron	mg/L	-/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	-/-	ANR	ANR	ANR	ANR
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR
Chromium VI	ug/L	-/-	ANR	ANR	ANR	ANR
Cobalt	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	-/-	6.3	--	4.2	--
Iron	mg/L	-/-	ANR	ANR	ANR	ANR
Lead	ug/L	-/-	1.4	--	1.0	--
Manganese	ug/L	-/-	ANR	ANR	ANR	ANR
Mercury	ug/L	-/-	0.25	--	0.13	J (DNQ)
Nickel	ug/L	-/-	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR	ANR

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**OUTFALL 011(Perimeter Pond Weir)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**January 1 through January 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/4/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Thallium	ug/L	-/-	ANR	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Chloroform	ug/L	-/-	ND < 0.33	U	ND < 0.33	U
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	U	ND < 0.27	U
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
1,1-Dichloroethene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
1,4-Dioxane	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ND < 0.25	U	ND < 0.25	U
Tetrachloroethene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
Toluene	ug/L	-/-	ND < 0.36	U	ND < 0.36	U
Xylenes (Total)	ug/L	-/-	ND < 0.52	U	ND < 0.52	U
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
Trichloroethene	ug/L	-/-	ND < 0.26	U	ND < 0.26	U
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	U	ND < 0.34	U
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl Chloride	ug/L	-/-	ND < 0.26	U	ND < 0.26	U
<b>TPH</b>						
EFH (C13 - C22)	ug/L	-/-	ANR	ANR	ANR	ANR
GRO (C4 - C12)	ug/L	-/-	ANR	ANR	ANR	ANR
TRPH	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ND < 2.5	UJ (*10)	ND < 0	UJ (*11)
1,1,2,2-Tetrachloroethane	ug/L	-/-	ND < 0.24	U	ND < 0.24	U
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
1,2-Dichloropropane	ug/L	-/-	ND < 0.35	U	ND < 0.35	U
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ND < 0.35	U	ND < 0.35	U
1,4-Dichlorobenzene	ug/L	-/-	ND < 0.37	U	ND < 0.37	U
2,4,6-Trichlorophenol	ug/L	-/-	ND < 0.10	U	ND < 0.10	U
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ND < 0.23	U	ND < 0.23	U
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ND < 1.3	UJ (C)	ND < 1.3	U
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methylnaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR

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**OUTFALL 011(Perimeter Pond Weir)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**January 1 through January 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/4/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
2-Methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloroaniline	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthylene	ug/l	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ND < 4.6	UJ (C)	ND < 4.6	UJ (C)
Acrylonitrile	ug/L	-/-	ND < 5.1	UJ (C)	ND < 5.1	UJ (C)
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ND < 0.010	U	ND < 0.010	U
Aniline	ug/L	-/-	ANR	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzoic acid	ug/L	-/-	ANR	ANR	ANR	ANR
Benzyl alcohol	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ND < 1.1	U	ND < 1.1	U
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
Bromoform	ug/L	-/-	ND < 0.32	UJ (C)	ND < 0.32	U
Bromomethane	ug/L	-/-	ND < 0.34	U	ND < 0.34	U
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR

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**OUTFALL 011(Perimeter Pond Weir)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/4/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chlorobenzene	ug/L	-/-	ND < 0.36	U	ND < 0.36	U
Chloroethane	ug/L	-/-	ND < 0.33	U	ND < 0.33	U
Chloromethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
Chronic Toxicity	TUC	1.0/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ND < 0.22	U	ND < 0.22	U
Cyclohexane	ug/L	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzofuran	ug/l	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin ketone	ug/l	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methoxychlor	ug/l	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ND < 0.48	UJ (C)	ND < 0.48	U
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR	ANR
m-Nitroaniline	ug/l	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ND < 0.22	U	ND < 0.22	U
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
o-Nitroaniline	ug/l	-/-	ANR	ANR	ANR	ANR
p-Cresol	ug/l	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ND < 0.78	U	ND < 0.78	U

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**OUTFALL 011(Perimeter Pond Weir)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**January 1 through January 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/4/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
p-Nitroaniline	ug/l	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ND < 0.27	U	ND < 0.27	U
trans-1,3-Dichloropropene	ug/L	-/-	ND < 0.24	U	ND < 0.24	U

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**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
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February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	ND < 0.30	U	ND < 0.30	U
Biochemical Oxygen Demand (BOD 5 day)	mg/L	-/-	3.6	--	2.7	--
Chloride	mg/L	-/-	5.4	--	4.7	--
Specific Conductivity (Lab)	umhos/cm	-/-	130	--	100	--
Surfactants (MBAS)	mg/L	-/-	0.082	J (DNQ)	ND < 0.088	U
Fluoride	mg/L	-/-	0.29	UJ (B)	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	-/-	0.47	--	0.76	--
Oil & Grease	mg/L	-/-	ND < 0.94	U	ND < 0.94	U
Perchlorate	ug/L	-/-	ND < 0.80	U	ND < 0.80	U
pH (Field)	pH units	6.5-8.5/-	6.8	*	7.29	*
Total Settleable Solids	ml/L	-/-	ND < 0.10	U	0.60	--
Sulfate	mg/L	-/-	14	--	6.4	--
Temperature	deg. F	86/-	58.3	*	57	*
Total Cyanide	ug/L	-/-	ND < 2.2	U	ND < 2.2	U
Total Dissolved Solids	mg/L	-/-	110	--	99	--
Total Organic Carbon	mg/L	-/-	11	--	ANR	ANR
Total Residual Chlorine	mg/L	-/-	ND < 0.10	U	ANR	ANR
Total Suspended Solids	mg/L	-/-	26	--	78	--
Turbidity	NTU	-/-	38	--	110	--
Volume Discharged	MGD	-/-	0.656	*	6.417	*
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	-/-	0.895±0.76	UJ (R,Q)	ANR	ANR
Gross Beta	pCi/L	-/-	2.50±1.3	--	ANR	ANR
Strontium-90	pCi/L	-/-	-0.216±0.23	U	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	-/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	-/-	97.4±140	U	ANR	ANR
<b>METALS</b>						
Antimony	ug/L	-/-	0.9	UJ (B,\$)	ANR	ANR
Arsenic	ug/L	-/-	1.0	J (*3)	ANR	ANR
Barium	mg/L	-/-	0.020	--	ANR	ANR
Beryllium	ug/L	-/-	0.052	J (DNQ)	ANR	ANR
Boron	mg/L	-/-	0.063	UJ (B)	ANR	ANR
Cadmium	ug/L	-/-	0.11	J (DNQ)	ANR	ANR
Chromium	ug/L	-/-	1.8	UJ (B)	ANR	ANR
Chromium VI	ug/L	-/-	ANR	ANR	ANR	ANR
Cobalt	ug/L	-/-	0.60	J (DNQ)	ANR	ANR
Copper	ug/L	-/-	3.4	J (*3)	6.7	--
Iron	mg/L	-/-	1.6	--	ANR	ANR
Lead	ug/L	-/-	1.3	--	2.7	--
Manganese	ug/L	-/-	36	--	ANR	ANR
Mercury	ug/L	-/-	0.14	J (DNQ)	0.11	J (DNQ)
Nickel	ug/L	-/-	1.4	J (B,*3)	ANR	ANR
Selenium	ug/L	-/-	ND < 0.36	U	ANR	ANR
Silver	ug/L	-/-	ND < 0.089	U	ANR	ANR

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**OUTFALL 011 (Perimeter Pond Weir)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**February 1 through February 28, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Thallium	ug/L	-/-	ND < 0.075	U	ANR	ANR
Vanadium	ug/L	-/-	3.7	J (B)	ANR	ANR
Zinc	ug/L	-/-	16	J (DNQ)	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Chloroform	ug/L	-/-	ND < 0.33	U	ND < 0.33	U
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	U	ND < 0.27	U
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
1,1-Dichloroethene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
1,4-Dioxane	ug/L	-/-	ND < 0.49	*	ANR	ANR
Ethylbenzene	ug/L	-/-	ND < 0.25	U	ND < 0.25	U
Tetrachloroethene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
Toluene	ug/L	-/-	ND < 0.36	U	ND < 0.36	U
Xylenes (Total)	ug/L	-/-	ND < 0.52	U	ND < 0.52	U
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U	0.74	J (DNQ)
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
Trichloroethene	ug/L	-/-	ND < 0.26	U	0.47	J (DNQ)
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	U	ND < 0.34	U
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ND < 1.2	U	ANR	ANR
Vinyl Chloride	ug/L	-/-	ND < 0.26	U	ND < 0.26	U
<b>TPH</b>						
EFH (C13 - C22)	ug/L	-/-	ND < 0.082	U	ANR	ANR
GRO (C4 - C12)	ug/L	-/-	ND < 0.050	U	ANR	ANR
TRPH	ug/L	-/-	ND < 0.31	U	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ND < 2.5	UJ (*11)	ANR	ANR
2,4,5-Trichlorophenol	ug/L	-/-	ND < 0.075	U	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ND < 0.24	U	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ND < 0.10	U	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ND < 0.32	U	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ND < 0.11	U	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ND < 0.35	U	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ND < 0.087	U	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ND < 0.35	U	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ND < 0.13	U	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ND < 0.37	U	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ND < 0.050	U	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ND < 0.10	U	ND < 0.10	U
2,4-Dichlorophenol	ug/L	-/-	ND < 0.21	U	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ND < 0.31	U	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ND < 2.7	UJ (C)	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ND < 0.23	U	ND < 0.23	U
2,6-Dinitrotoluene	ug/L	-/-	ND < 0.24	U	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ND < 1.3	U	ANR	ANR

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

**OUTFALL 011 (Perimeter Pond Weir)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**February 1 through February 28, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
2-Chloronaphthalene	ug/L	-/-	ND < 0.059	U	ANR	ANR
2-Chlorophenol	ug/L	-/-	ND < 0.12	U	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ND < 0.38	UJ (C)	ANR	ANR
2-Methylnaphthalene	ug/L	-/-	ND < 0.13	U	ANR	ANR
2-Methylphenol	ug/L	-/-	ND < 0.28	U	ANR	ANR
2-Nitrophenol	ug/L	-/-	ND < 0.23	U	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ND < 0.93	U	ANR	ANR
4,4'-DDD	ug/L	-/-	ND < 0.015	U	ANR	ANR
4,4'-DDE	ug/L	-/-	ND < 0.020	U	ANR	ANR
4,4'-DDT	ug/L	-/-	ND < 0.030	UJ (C)	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ND < 0.12	U	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ND < 0.34	U	ANR	ANR
4-Chloroaniline	ug/L	-/-	ND < 0.20	U	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ND < 0.056	U	ANR	ANR
4-Nitrophenol	ug/L	-/-	ND < 0.73	UJ (C)	ANR	ANR
Acenaphthene	ug/L	-/-	ND < 0.10	U	ANR	ANR
Acenaphthylene	ug/L	-/-	ND < 0.10	U	ANR	ANR
Acrolein	ug/L	-/-	ND < 4.6	R (R)	ANR	ANR
Acrylonitrile	ug/L	-/-	ND < 5.1	UJ (C)	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	100	*	ANR	ANR
Aldrin	ug/L	-/-	ND < 0.030	U	ANR	ANR
alpha-BHC	ug/L	-/-	ND < 0.015	U	ND < 0.0010	U
Aniline	ug/L	-/-	ND < 2.9	U	ANR	ANR
Anthracene	ug/L	-/-	ND < 0.083	U	ANR	ANR
Aroclor-1016	ug/L	-/-	ND < 0.20	U	ANR	ANR
Aroclor-1221	ug/L	-/-	ND < 0.10	U	ANR	ANR
Aroclor-1232	ug/L	-/-	ND < 0.15	U	ANR	ANR
Aroclor-1242	ug/L	-/-	ND < 0.15	U	ANR	ANR
Aroclor-1248	ug/L	-/-	ND < 0.25	U	ANR	ANR
Aroclor-1254	ug/L	-/-	ND < 0.25	U	ANR	ANR
Aroclor-1260	ug/L	-/-	ND < 0.40	U	ANR	ANR
Ben-zidine	ug/L	-/-	ND < 2.4	UJ (*5)	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ND < 0.038	U	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ND < 0.14	U	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ND < 0.050	U	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ND < 0.059	U	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ND < 0.053	U	ANR	ANR
Benzoic acid	ug/L	-/-	ND < 3.7	UJ (C)	ANR	ANR
Benzyl alcohol	ug/L	-/-	ND < 0.21	U	ANR	ANR
beta-BHC	ug/L	-/-	ND < 0.015	U	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ND < 0.084	U	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ND < 1.1	U	ND < 1.1	U
bis(2-Chloroethoxy) methane	ug/L	-/-	ND < 0.072	U	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ND < 0.11	U	ANR	ANR
Bromodichloromethane	ug/L	-/-	ND < 0.30	U	ANR	ANR

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**OUTFALL 011 (Perimeter Pond Weir)**

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

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ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Bromoform	ug/L	-/-	ND < 0.32	U	ANR	ANR
Bromomethane	ug/L	-/-	ND < 0.34	U	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ND < 0.34	U	ANR	ANR
Chlordane	ug/L	-/-	ND < 0.20	U	ANR	ANR
Chlorobenzene	ug/L	-/-	ND < 0.36	U	ANR	ANR
Chloroethane	ug/L	-/-	ND < 0.33	U	ANR	ANR
Chloromethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
Chronic Toxicity	TUC	1.0/-	1.0	*	ANR	ANR
Chrysene	ug/L	-/-	ND < 0.072	U	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ND < 0.22	U	ANR	ANR
Cyclohexane	ug/l	-/-	ND < 2.5	UJ (*11)	ANR	ANR
delta-BHC	ug/L	-/-	ND < 0.020	U	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ND < 0.083	U	ANR	ANR
Dibenzofuran	ug/L	-/-	ND < 0.075	U	ANR	ANR
Dibromochloromethane	ug/L	-/-	ND < 0.28	U	ANR	ANR
Dieldrin	ug/L	-/-	ND < 0.015	U	ANR	ANR
Diethylphthalate	ug/L	-/-	ND < 0.12	U	ANR	ANR
Dimethylphthalate	ug/L	-/-	ND < 0.081	U	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ND < 0.26	U	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ND < 0.17	U	ANR	ANR
Endosulfan I	ug/L	-/-	ND < 0.015	U	ANR	ANR
Endosulfan II	ug/L	-/-	ND < 0.040	U	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ND < 0.015	U	ANR	ANR
Endrin	ug/L	-/-	ND < 0.015	U	ANR	ANR
Endrin aldehyde	ug/L	-/-	ND < 0.045	UJ (C)	ANR	ANR
Endrin ketone	ug/L	-/-	ND < 0.020	UJ (C)	ANR	ANR
Fluoranthene	ug/L	-/-	ND < 0.089	U	ANR	ANR
Fluorene	ug/L	-/-	ND < 0.075	U	ANR	ANR
Heptachlor	ug/L	-/-	ND < 0.030	U	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ND < 0.020	U	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ND < 0.13	U	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ND < 0.38	U	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ND < 1.8	U	ANR	ANR
Hexachloroethane	ug/L	-/-	ND < 0.51	U	ANR	ANR
Hydrazine	ug/L	-/-	ND < 0.39	U	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ND < 0.19	U	ANR	ANR
Isophorone	ug/L	-/-	ND < 0.059	U	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ND < 0.015	U	ANR	ANR
Methoxychlor	ug/L	-/-	ND < 0.035	UJ (C)	ANR	ANR
Methylene Chloride	ug/L	-/-	ND < 0.48	U	ANR	ANR
m-Nitroaniline	ug/L	-/-	ND < 0.35	U	ANR	ANR
Monomethyl Hydrazine	ug/L	-/-	ND < 1.2	U	ANR	ANR
Naphthalene	ug/L	-/-	ND < 0.13	U	ANR	ANR
Nitrobenzene	ug/L	-/-	ND < 0.10	U	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ND < 0.22	UJ (*5,C)	ND < 0.22	UJ (*5)

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THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
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ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
n-Nitroso-di-n-propylamine	ug/L	-/-	ND < 0.18	U	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ND < 0.077	U	ANR	ANR
o-Nitroaniline	ug/L	-/-	ND < 0.18	U	ANR	ANR
p-Cresol	ug/L	-/-	ND < 0.20	U	ANR	ANR
Pentachlorophenol	ug/L	-/-	ND < 0.78	U	ND < 0.78	U
Phenanthrene	ug/L	-/-	ND < 0.071	U	ANR	ANR
Phenol	ug/L	-/-	ND < 0.14	U	ANR	ANR
p-Nitroaniline	ug/L	-/-	ND < 0.49	UJ (C)	ANR	ANR
Pyrene	ug/L	-/-	ND < 0.059	U	ANR	ANR
Toxaphene	ug/L	-/-	ND < 1.5	U	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ND < 0.27	U	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ND < 0.24	U	ANR	ANR
Unsymmetrical Dimethyl Hydrazine	ug/L	-/-	ND < 0.27	U	ANR	ANR

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ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/25/2005	
			RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	ND < 0.30	U
Biochemical Oxygen Demand (BOD 5 day)	mg/L	-/-	2.5	--
Chloride	mg/L	-/-	6.7	--
Specific Conductivity (Lab)	umhos/cm	-/-	160	--
Surfactants (MBAS)	mg/L	-/-	0.046	J (DNQ)
Fluoride	mg/L	-/-	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	-/-	0.38	--
Oil & Grease	mg/L	-/-	ND < 0.94	U
Perchlorate	ug/L	-/-	ND < 0.80	U
pH (Field)	pH units	6.5-8.5/-	7.0	*
Total Settleable Solids	ml/L	-/-	ND < 0.10	U
Sulfate	mg/L	-/-	12	--
Temperature	deg. F	86/-	57.2	*
Total Cyanide	ug/L	-/-	2.5	J (DNQ)
Total Dissolved Solids	mg/L	-/-	120	--
Total Organic Carbon	mg/L	-/-	ANR	ANR
Total Residual Chlorine	mg/L	-/-	ANR	ANR
Total Suspended Solids	mg/L	-/-	ND < 10	U
Turbidity	NTU	-/-	8.2	--
Volume Discharged	MGD	-/-	0.492	*
<b>RADIOACTIVITY</b>				
Gross Alpha	pCi/L	-/-	ANR	ANR
Gross Beta	pCi/L	-/-	ANR	ANR
Strontium-90	pCi/L	-/-	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	-/-	ANR	ANR
Tritium	pCi/L	-/-	ANR	ANR
<b>METALS</b>				
Antimony	ug/L	-/-	ANR	ANR
Arsenic	ug/L	-/-	ANR	ANR
Barium	mg/L	-/-	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR
Boron	mg/L	-/-	ANR	ANR
Cadmium	ug/L	-/-	ANR	ANR
Chromium	ug/L	-/-	ANR	ANR
Chromium VI	ug/L	-/-	ANR	ANR
Cobalt	ug/L	-/-	ANR	ANR
Copper	ug/L	-/-	3.5	--
Iron	mg/L	-/-	ANR	ANR
Lead	ug/L	-/-	0.35	J (B,DNQ)
Manganese	ug/L	-/-	ANR	ANR
Mercury	ug/L	-/-	ND < 0.063	U
Nickel	ug/L	-/-	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR
Silver	ug/L	-/-	ANR	ANR

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ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/25/2005	
			RESULT	VALIDATION QUALIFIER
Thallium	ug/L	-/-	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR
<b>ORGANICS</b>				
Benzene	ug/L	-/-	ND < 0.28	U
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U
Chloroform	ug/L	-/-	ND < 0.33	U
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	U
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	U
1,1-Dichloroethene	ug/L	-/-	ND < 0.32	U
1,4-Dioxane	ug/L	-/-	ANR	ANR
Ethylbenzene	ug/L	-/-	ND < 0.25	U
Tetrachloroethene	ug/L	-/-	ND < 0.32	U
Toluene	ug/L	-/-	ND < 0.36	U
Xylenes (Total)	ug/L	-/-	ND < 0.52	U
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U
Trichloroethene	ug/L	-/-	ND < 0.26	U
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	U
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR
Vinyl Chloride	ug/L	-/-	ND < 0.26	U
<b>TPH</b>				
EFH (C13 - C22)	ug/L	-/-	ANR	ANR
GRO (C4 - C12)	ug/L	-/-	ANR	ANR
TRPH	ug/L	-/-	ANR	ANR
<b>ADDITIONAL ANALYTES</b>				
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ANR	ANR
2,4,5-Trichlorophenol	ug/L	-/-	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ND < 0.10	U
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ND < 0.23	U
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR

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ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/25/2005	
			RESULT	VALIDATION QUALIFIER
2-Chloronaphthalene	ug/L	-/-	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR
2-Methylnaphthalene	ug/L	-/-	ANR	ANR
2-Methylphenol	ug/L	-/-	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR
4-Chloroaniline	ug/L	-/-	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR
Acenaphthylene	ug/L	-/-	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR
alpha-BHC	ug/L	-/-	ND < 0.0010	U
Aniline	ug/L	-/-	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR
Benzoic acid	ug/L	-/-	ANR	ANR
Benzyl alcohol	ug/L	-/-	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ND < 1.1	U
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR

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ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/25/2005	
			RESULT	VALIDATION QUALIFIER
Bromoform	ug/L	-/-	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR
Chronic Toxicity	TUC	1.0/-	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR
Cyclohexane	ug/L	-/-	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR
Dibenzofuran	ug/L	-/-	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR
Endrin ketone	ug/L	-/-	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR
Hydrazine	ug/L	-/-	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR
Methoxychlor	ug/L	-/-	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR
m-Nitroaniline	ug/L	-/-	ANR	ANR
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ND < 0.22	U

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SANTA SUSANA FIELD LABORATORY  
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ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/25/2005	
			RESULT	VALIDATION QUALIFIER
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR
o-Nitroaniline	ug/L	-/-	ANR	ANR
p-Cresol	ug/L	-/-	ANR	ANR
Pentachlorophenol	ug/L	-/-	ND < 0.78	U
Phenanthrene	ug/L	-/-	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR
p-Nitroaniline	ug/L	-/-	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR
Unsymmetrical Dimethyl Hydrazine	ug/L	-/-	ANR	ANR

**OUTFALL 011 (Perimeter Pond Weir)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**March 1 through March 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/4/2005		3/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	ND < 0.30	U	ND < 0.30	U
Biochemical Oxygen Demand (BOD 5 day)	mg/L	-/-	0.76	J (DNQ)	2.5	--
Chloride	mg/L	-/-	8.8	--	36	--
Specific Conductivity (Lab)	umhos/cm	-/-	250	--	690	--
Surfactants (MBAS)	mg/L	-/-	0.077	J (DNQ)	0.096	J (DNQ)
Fluoride	mg/L	-/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	-/-	0.21	--	ND < 0.072	U
Oil & Grease	mg/L	-/-	ND < 0.94	U	ND < 0.94	(B,\$)
Perchlorate	ug/L	-/-	ND < 0.80	UJ (R)	ND < 0.80	U
pH (Field)	pH units	6.5-8.5/-	6.9	--	7.0	--
Total Settleable Solids	ml/L	-/-	ND < 0.10	U	ND < 0.10	U
Sulfate	mg/L	-/-	24	--	120	--
Temperature	deg. F	86/-	58.8	--	65.3	--
Total Cyanide	ug/L	-/-	ND < 2.2	U	ND < 2.2	U
Total Dissolved Solids	mg/L	-/-	170	--	450	--
Total Organic Carbon	mg/L	-/-	ANR	ANR	ANR	ANR
Total Residual Chlorine	mg/L	-/-	ANR	ANR	ANR	ANR
Total Suspended Solids	mg/L	-/-	ND < 10	U	ND < 10	U
Turbidity	NTU	-/-	4.5	--	8.6	--
Volume Discharged	MGD	-/-	0.194	*	0.075	*
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	-/-	ANR	ANR	ANR	ANR
Gross Beta	pCi/L	-/-	ANR	ANR	ANR	ANR
Strontium-90	pCi/L	-/-	ANR	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	-/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	-/-	ANR	ANR	ANR	ANR
<b>METALS</b>						
Antimony	ug/L	-/-	ANR	ANR	ANR	ANR
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR
Barium	mg/L	-/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR
Boron	mg/L	-/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	-/-	ANR	ANR	ANR	ANR
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR
Chromium VI	ug/L	-/-	ANR	ANR	ANR	ANR
Cobalt	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	-/-	3.0	--	8.5	--
Iron	mg/L	-/-	ANR	ANR	ANR	ANR
Lead	ug/L	-/-	0.19	J (DNQ)	0.74	J (DNQ)
Manganese	ug/L	-/-	ANR	ANR	ANR	ANR
Mercury	ug/L	-/-	ND < 0.063	U	ND < 0.063	U
Nickel	ug/L	-/-	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR	ANR

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



**OUTFALL 011 (Perimeter Pond Weir)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/4/2005		3/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Thallium	ug/L	-/-	ANR	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ND < 0.28	U	0.38	J (DNQ)
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Chloroform	ug/L	-/-	ND < 0.33	U	ND < 0.33	U
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	U	ND < 0.27	U
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
1,1-Dichloroethene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
1,4-Dioxane	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ND < 0.25	U	ND < 0.25	U
Tetrachloroethene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
Toluene	ug/L	-/-	ND < 0.36	U	ND < 0.36	U
Xylenes (Total)	ug/L	-/-	ND < 0.52	U	ND < 0.52	U
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
Trichloroethene	ug/L	-/-	ND < 0.26	U	ND < 0.26	U
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	UJ (C)	ND < 0.34	U
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl Chloride	ug/L	-/-	ND < 0.26	U	ND < 0.26	U
<b>TPH</b>						
EPH (C13 - C22)	ug/L	-/-	ANR	ANR	ANR	ANR
GRO (C4 - C12)	ug/L	-/-	ANR	ANR	ANR	ANR
TRPH	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,5-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ND < 0.10	U	ND < 0.10	U
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ND < 0.23	UJ (L)	ND < 0.23	U
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 011 (Perimeter Pond Weir)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**March 1 through March 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/4/2005		3/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methylnaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloroaniline	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthylene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ND < 0.0010	U	ND < 0.0010	U
Aniline	ug/L	-/-	ANR	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzoic acid	ug/L	-/-	ANR	ANR	ANR	ANR
Benzyl alcohol	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ND < 1.1	UJ (B,C)	ND < 1.1	U
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 011 (Perimeter Pond Weir)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/4/2005		3/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chronic Toxicity	TUC	1.0/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
Cyclohexane	ug/L	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzofuran	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin ketone	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Hydrazine	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methoxychlor	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR
m-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	ANR
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ND < 0.22	U	ND < 0.22	U

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

**OUTFALL 011 (Perimeter Pond Weir)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**March 1 through March 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/4/2005		3/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
o-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	ANR
p-Cresol	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ND < 0.78	U	ND < 0.78	U
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
p-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
Unsymmetrical Dimethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR	ANR

**OUTFALL 011 (Perimeter Pond Weir)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**March 1 through March 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/18/2005		3/25/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	ND < 0.30	U	0.56	--
Biochemical Oxygen Demand (BOD 5 day)	mg/L	-/-	1.6	J (DNQ)	0.91	J (DNQ)
Chloride	mg/L	-/-	15	--	8.4	--
Specific Conductivity (Lab)	umhos/cm	-/-	360	--	210	--
Surfactants (MBAS)	mg/L	-/-	0.080	J (DNQ)	ND < 0.044	U
Fluoride	mg/L	-/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	-/-	ND < 0.072	U	0.14	--
Oil & Grease	mg/L	-/-	ND < 0.94	U	1.6	J (DNQ)
Perchlorate	ug/L	-/-	ND < 0.80	U	ND < 0.80	U
pH (Field)	pH units	6.5-8.5/-	6.73	--	6.7	--
Total Settleable Solids	ml/L	-/-	ND < 0.10	U	ND < 0.10	U
Sulfate	mg/L	-/-	42	--	20	--
Temperature	deg. F	86/-	60.4	--	59.7	--
Total Cyanide	ug/L	-/-	ND < 6.2	UJ (B,C,\$)	ND < 5.2	UJ (B,\$)
Total Dissolved Solids	mg/L	-/-	220	--	120	--
Total Organic Carbon	mg/L	-/-	ANR	ANR	ANR	ANR
Total Residual Chlorine	mg/L	-/-	ANR	ANR	ANR	ANR
Total Suspended Solids	mg/L	-/-	ND < 10	U	ND < 10	U
Turbidity	NTU	-/-	3.1	--	4.4	--
Volume Discharged	MGD	-/-	0.084	*	0.158	*
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	-/-	ANR	ANR	ANR	ANR
Gross Beta	pCi/L	-/-	ANR	ANR	ANR	ANR
Strontium-90	pCi/L	-/-	ANR	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	-/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	-/-	ANR	ANR	ANR	ANR
<b>METALS</b>						
Antimony	ug/L	-/-	ANR	ANR	ANR	ANR
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR
Barium	mg/L	-/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR
Boron	mg/L	-/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	-/-	ANR	ANR	ANR	ANR
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR
Chromium VI	ug/L	-/-	ANR	ANR	ANR	ANR
Cobalt	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	-/-	4.0	--	3.9	--
Iron	mg/L	-/-	ANR	ANR	ANR	ANR
Lead	ug/L	-/-	0.30	J (DNQ)	0.46	J (DNQ)
Manganese	ug/L	-/-	ANR	ANR	ANR	ANR
Mercury	ug/L	-/-	ND < 0.063	U	ND < 0.063	U
Nickel	ug/L	-/-	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 011 (Perimeter Pond Weir)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**March 1 through March 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/18/2005		3/25/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Thallium	ug/L	-/-	ANR	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Chloroform	ug/L	-/-	ND < 0.33	U	ND < 0.33	U
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	UJ (C)	ND < 0.27	U
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	UJ (C)	ND < 0.28	U
1,1-Dichloroethene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
1,4-Dioxane	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ND < 0.25	U	ND < 0.25	U
Tetrachloroethene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
Toluene	ug/L	-/-	ND < 0.36	U	ND < 0.36	U
Xylenes (Total)	ug/L	-/-	ND < 0.52	U	ND < 0.52	U
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
Trichloroethene	ug/L	-/-	ND < 0.26	U	ND < 0.26	U
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	UJ (C)	ND < 0.34	U
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl Chloride	ug/L	-/-	ND < 0.26	U	ND < 0.26	U
<b>TPH</b>						
EFH (C13 - C22)	ug/L	-/-	ANR	ANR	ANR	ANR
GRO (C4 - C12)	ug/L	-/-	ANR	ANR	ANR	ANR
TRPH	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ND < 2.5	UJ (*11)	ND < 2.5	UJ (*11)
2,4,5-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ND < 0.24	U	ND < 0.24	U
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ND < 0.22	U	ND < 0.11	U
1,2-Dichlorobenzene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ND < 0.35	U	ND < 0.35	U
1,3-Dichlorobenzene	ug/L	-/-	ND < 0.26	U	ND < 0.13	U
1,4-Dichlorobenzene	ug/L	-/-	ND < 0.37	U	ND < 0.37	U
1,4-Dichlorobenzene	ug/L	-/-	ND < 0.10	U	ND < 0.050	U
2,4,6-Trichlorophenol	ug/L	-/-	ND < 0.20	U	ND < 0.10	U
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ND < 0.46	U	ND < 0.23	U
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ND < 1.3	U	ND < 1.3	U

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

**OUTFALL 011 (Perimeter Pond Weir)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**March 1 through March 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/18/2005		3/25/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methylnaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloroaniline	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthylene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ND < 4.6	R (R)	ND < 4.6	R (R)
Acrylonitrile	ug/L	-/-	ND < 5.1	U	ND < 5.1	U
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ND < 0.015	U	ND < 0.015	UJ (S)
Aniline	ug/L	-/-	ANR	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzoic acid	ug/L	-/-	ANR	ANR	ANR	ANR
Benzyl alcohol	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ND < 2.2	U	ND < 1.1	U
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U

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



**OUTFALL 011 (Perimeter Pond Weir)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**March 1 through March 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/18/2005		3/25/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Bromoform	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
Bromomethane	ug/L	-/-	ND < 0.34	UJ (C)	ND < 0.34	U
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ND < 0.36	U	ND < 0.36	U
Chloroethane	ug/L	-/-	ND < 0.33	UJ (C)	ND < 0.33	U
Chloromethane	ug/L	-/-	ND < 0.30	UJ (C)	ND < 0.30	U
Chronic Toxicity	TUC	1.0/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ND < 0.22	U	ND < 0.22	U
Cyclohexane	ug/L	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzofuran	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin ketone	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Hydrazine	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methoxychlor	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ND < 0.48	U	ND < 0.48	U
m-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	ANR
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ND < 0.44	U	ND < 0.22	U

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

**OUTFALL 011 (Perimeter Pond Weir)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**March 1 through March 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/18/2005		3/25/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
o-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	ANR
p-Cresol	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ND < 1.6	U	ND < 0.78	U
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
p-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ND < 0.27	U	ND < 0.27	U
trans-1,3-Dichloropropene	ug/L	-/-	ND < 0.24	U	ND < 0.24	U
Unsymmetrical Dimethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR	ANR

OUTFALL 011(Perimeter Pond Weir)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY - ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date January 4, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	1.10E-06	5.00E-05	9.90E-06	UJ (B)	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	2.00E-06	5.00E-05	3.60E-06	UJ (B)	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	1.60E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.10E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	6.30E-07	5.00E-05	1.20E-06	J (DNQ)	0.1	1.20E-07	ND
1,2,3,6,7,8-HxCDD	1.10E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	8.50E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	9.60E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	9.00E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.20E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.00E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	8.30E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	8.20E-07	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	1.80E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	2.00E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	2.10E-06	1.00E-04	7.80E-05	UJ (B)	0.0001	ND	ND
OCDF	1.90E-06	1.00E-04	1.70E-05	UJ (B)	0.0001	ND	ND

TCDD TEQ w/ DNQ Values	1.20E-07
TCDD TEQ w/out DNQ Values	ND

Dioxin TCDD TEQ compliance limit established for this outfall? **No** **TCDD TEQ PERMIT LIMIT = NA**

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

**OUTFALL 011(Perimeter Pond Weir)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY - ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date January 11, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	9.70E-07	5.00E-05	7.70E-06	UJ (B)	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	7.70E-07	5.00E-05	2.40E-06	J (DNQ)	0.01	2.40E-08	ND
1,2,3,4,7,8,9-HpCDF	1.10E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	5.10E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	4.40E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	5.00E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	4.60E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	7.50E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	6.60E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	7.20E-07	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	8.00E-07	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	5.50E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	5.30E-07	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	7.00E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	7.90E-07	1.00E-05	ND	U	0.1	ND	ND
OCDD	1.70E-06	1.00E-04	8.10E-05	J (DNQ)	0.0001	8.10E-09	ND
OCDF	1.30E-06	1.00E-04	9.10E-06	UJ (B)	0.0001	ND	ND

<b>TCDD TEQ w/ DNQ Values</b>	3.21E-08
<b>TCDD TEQ w/out DNQ Values</b>	ND

Dioxin TCDD TEQ compliance limit established for this outfall? **No** TCDD TEQ PERMIT LIMIT = NA

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

**OUTFALL 011 (Perimeter Pond Weir)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date February 11, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)	
1,2,3,4,6,7,8-HpCDD	1.01E-05	5.00E-05	1.22E-05	J (DNQ)	0.01	1.22E-07	ND	
1,2,3,4,6,7,8-HpCDF	2.41E-06	5.00E-05	4.04E-06	J (DNQ)	0.01	4.04E-08	ND	
1,2,3,4,7,8,9-HpCDF	1.47E-06	5.00E-05	ND	U	0.01	ND	ND	
1,2,3,4,7,8-HxCDD	3.89E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,4,7,8-HxCDF	1.89E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,6,7,8-HxCDD	3.80E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,6,7,8-HxCDF	1.36E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8,9-HxCDD	4.66E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8,9-HxCDF	1.65E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8-PeCDD	1.73E-06	5.00E-05	ND	U	1	ND	ND	
1,2,3,7,8-PeCDF	2.08E-06	5.00E-05	ND	U	0.05	ND	ND	
2,3,4,6,7,8-HxCDF	1.31E-06	5.00E-05	ND	U	0.1	ND	ND	
2,3,4,7,8-PeCDF	1.84E-06	5.00E-05	ND	U	0.5	ND	ND	
2,3,7,8-TCDD	1.71E-06	1.00E-05	ND	U	1	ND	ND	
2,3,7,8-TCDF	3.49E-04	1.00E-05	ND	U	0.1	ND	ND	
OCDD	9.39E-06	1.00E-04	1.57E-04	--	0.0001	1.57E-08	1.57E-08	
OCDF	2.53E-06	1.00E-04	ND	U	0.0001	ND	ND	
<b>TCDD TEQ w/ DNQ Values</b>							<b>1.78E-07</b>	<b>1.57E-08</b>
<b>TCDD TEQ w/out DNQ Values</b>								

Dioxin TCDD TEQ compliance limit established for this outfall? **No**

TCDD TEQ PERMIT LIMIT = NA

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

**OUTFALL 011 (Perimeter Pond Weir)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date February 18, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)	
1,2,3,4,6,7,8-HpCDD	0.00E+00	5.00E-05	3.86E-05	J (DNQ)	0.01	3.86E-07	ND	
1,2,3,4,6,7,8-HpCDF	0.00E+00	5.00E-05	6.16E-06	J (DNQ)	0.01	6.16E-08	ND	
1,2,3,4,7,8,9-HpCDF	1.89E-06	5.00E-05	ND	U	0.01	ND	ND	
1,2,3,4,7,8-HxCDD	2.07E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,4,7,8-HxCDF	1.16E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,6,7,8-HxCDD	4.09E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,6,7,8-HxCDF	2.06E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8,9-HxCDD	2.63E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8,9-HxCDF	7.60E-07	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8-PeCDD	2.26E-06	5.00E-05	ND	U	1	ND	ND	
1,2,3,7,8-PeCDF	1.99E-06	5.00E-05	ND	U	0.05	ND	ND	
2,3,4,6,7,8-HxCDF	9.42E-07	5.00E-05	ND	U	0.1	ND	ND	
2,3,4,7,8-PeCDF	1.94E-06	5.00E-05	ND	U	0.5	ND	ND	
2,3,7,8-TCDD	7.48E-07	1.00E-05	ND	U	1	ND	ND	
2,3,7,8-TCDF	1.06E-06	1.00E-05	ND	U	0.1	ND	ND	
OCDD	0.00E+00	1.00E-04	4.18E-04	--	0.0001	4.18E-08	4.18E-08	
OCDF	0.00E+00	1.00E-04	1.59E-05	J (DNQ)	0.0001	1.59E-09	ND	
<b>TCDD TEQ w/ DNQ Values</b>							<b>4.91E-07</b>	<b>4.18E-08</b>
<b>TCDD TEQ w/out DNQ Values</b>								

Dioxin TCDD TEQ compliance limit established for this outfall? No

TCDD TEQ PERMIT LIMIT = NA

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

OUTFALL 011 (Perimeter Pond Weir)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date February 25, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	5.00E-05	8.02E-06	J (DNQ)	0.01	8.02E-08	ND
1,2,3,4,6,7,8-HpCDF	2.10E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	2.01E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	2.32E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	8.91E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	2.20E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	8.54E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	2.25E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.32E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.03E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.53E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	9.39E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.41E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	9.05E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	1.15E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	1.00E-04	6.53E-05	J (DNQ)	0.0001	6.53E-09	ND
OCDF	5.26E-06	1.00E-04	ND	U	0.0001	ND	ND

TCDD TEQ w/ DNQ Values	8.67E-08
TCDD TEQ w/out DNQ Values	ND

Dioxin TCDD TEQ compliance limit established for this outfall? **No** TCDD TEQ PERMIT LIMIT = NA

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



OUTFALL 011 (Perimeter Pond Weir)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date March 4, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	5.00E-05	2.64E-06	J (DNQ)	0.01	2.64E-08	ND
1,2,3,4,6,7,8-HpCDF	0.00E+00	6.94E-07	ND	UJ (*10)	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	5.98E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.09E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	2.66E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.14E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	2.59E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.11E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	4.26E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	6.98E-07	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.07E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	2.93E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	9.64E-07	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	8.47E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	6.31E-07	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	1.00E-04	2.51E-05	J (DNQ)	0.0001	2.51E-09	ND
OCDF	2.38E-06	1.00E-04	ND	U	0.0001	ND	ND

TCDD TEQ w/DNQ Values

TCDD TEQ w/out DNQ Values

Dioxin TCDD TEQ compliance limit established for this outfall? No

TCDD TEQ PERMIT LIMIT = NA

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

**OUTFALL 011 (Perimeter Pond Weir)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date March 11, 2005

ANALYTE	LAB LOD (ug/L)	LAB RE (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEQ	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (%/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	5.00E-05	3.61E-06	J (DNQ)	0.01	3.61E-08	ND
1,2,3,4,6,7,8-HpCDF	8.97E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	9.89E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	2.02E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	6.50E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.93E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	6.29E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.96E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.08E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.14E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	2.10E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	7.25E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.85E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	1.07E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	1.17E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	1.00E-04	2.86E-05	J (DNQ)	0.0001	2.86E-09	ND
OCDF	2.32E-06	1.00E-04	ND	U	0.0001	ND	ND

<b>TCDD TEQ w/ DNQ Values</b>	<b>3.90E-08</b>
<b>TCDD TEQ w/out DNQ Values</b>	<b>ND</b>

Dioxin TCDD TEQ compliance limit established for this outfall? **No** **TCDD TEQ PERMIT LIMIT = NA**

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

**OUTFALL 011 (Perimeter Pond Weir)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date March 18, 2005

ANALYTE	LAB LOD (ug/L)	LAB RE (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	5.00E-05	2.62E-06	J (DNQ)	0.01	2.62E-08	ND
1,2,3,4,6,7,8-HpCDF	9.32E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	1.07E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.40E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	5.75E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.38E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	5.35E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.39E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	9.76E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	8.11E-07	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.67E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	6.10E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.48E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	7.23E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	1.14E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	1.00E-04	2.23E-05	J (DNQ)	0.0001	2.23E-09	ND
OCDF	3.17E-06	1.00E-04	ND	U	0.0001	ND	ND

TCDD TEQ w/ DNQ Values	TCDD TEQ w/out DNQ Values
	2.84E-08
	ND

Dioxin TCDD TEQ compliance limit established for this outfall? No

TCDD TEQ PERMIT LIMIT = NA

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

**OUTFALL 011 (Perimeter Pond Weir)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

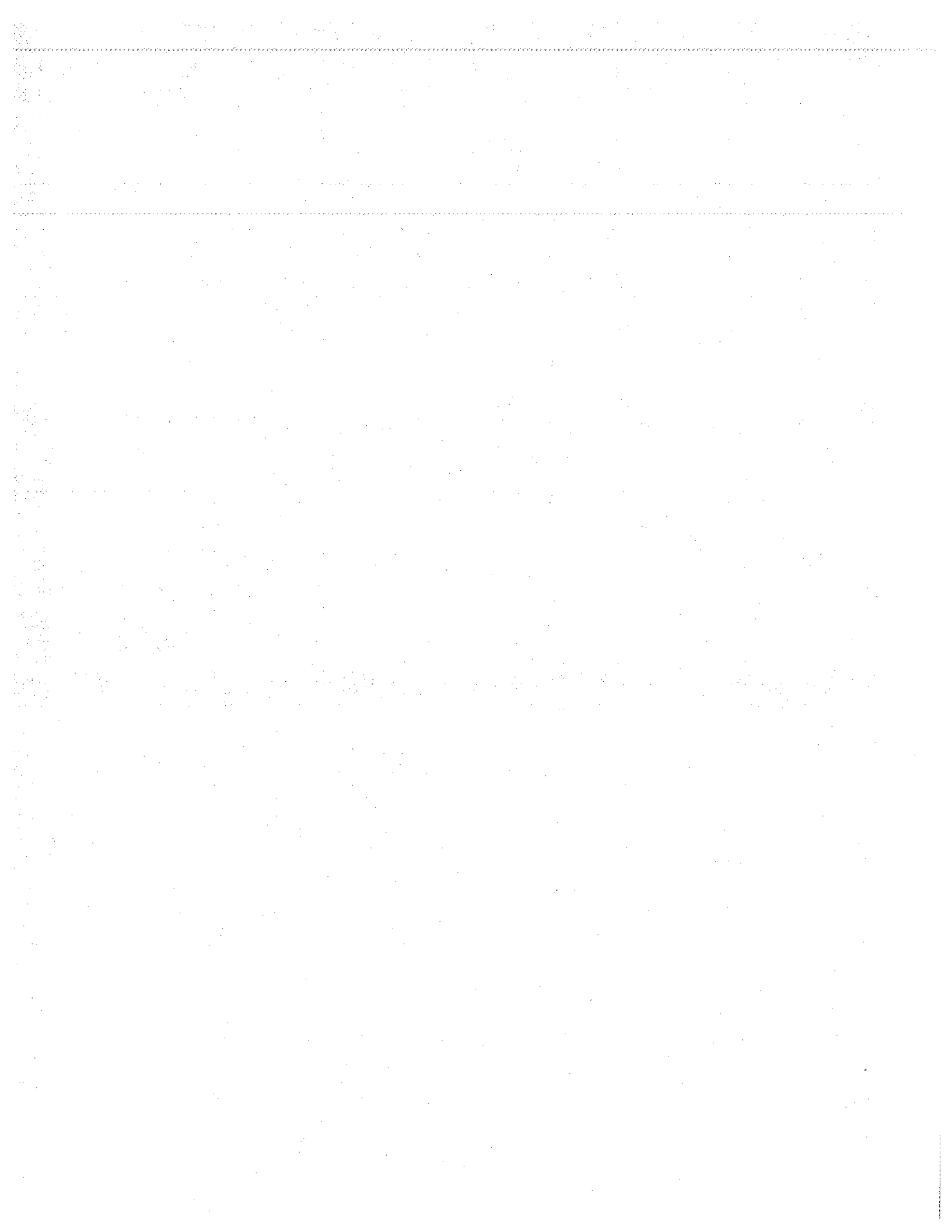
Sample Date March 25, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	5.00E-05	6.55E-06	J (DNQ)	0.01	6.55E-08	ND
1,2,3,4,6,7,8-HpCDF	0.00E+00	5.00E-05	1.85E-06	J (DNQ)	0.01	1.85E-08	ND
1,2,3,4,7,8,9-HpCDF	6.06E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	6.22E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	2.99E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	6.21E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	2.99E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	6.15E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	5.43E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	4.55E-07	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	6.32E-07	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	3.61E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	5.34E-07	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	4.60E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	5.65E-07	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	1.00E-04	5.99E-05	J (DNQ)	0.0001	5.99E-09	ND
OCDF	0.00E+00	1.00E-04	2.90E-06	J (DNQ)	0.0001	2.90E-10	ND

<b>TCDD TEQ w/ DNQ Values</b>	<b>9.03E-08</b>
<b>TCDD TEQ w/out DNQ Values</b>	<b>ND</b>

Dioxin TCDD TEQ compliance limit established for this outfall? **No** TCDD TEQ PERMIT LIMIT = NA

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



**OUTFALL 012 (Alfa Test Stand)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**March 1 through March 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/2/2005		3/7/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	ND < 0.30	U	0.56	--
Biochemical Oxygen Demand (BOD 5 day)	mg/L	-/-	3.4	--	6.9	--
Oil & Grease	mg/L	-/-	4.1	J (DNQ)	ND < 0.94	U(\$)
Perchlorate	ug/L	-/-	ND < 0.80	U	ND < 0.80	U
pH (Field)	pH units	6.5-8.5/-	7.9	*	5.6	*
Total Settleable Solids	ml/L	-/-	ND < 0.10	U	0.10	--
Temperature	deg. F	86/-	60.3	*	74.3	*
Total Cyanide	ug/L	-/-	ND < 2.2	U	ANR	ANR
Total Dissolved Solids	mg/L	-/-	230	--	240	--
Total Suspended Solids	mg/L	-/-	25	--	110	--
Turbidity	NTU	-/-	34	--	33	--
Volume Discharged	MGD	-/-	0.055	*	0.055	*
<b>METALS</b>						
Antimony	ug/L	-/-	ND < 4.2	U	ANR	ANR
Arsenic	ug/L	-/-	ND < 3.8	U	ANR	ANR
Beryllium	ug/L	-/-	ND < 0.62	U	ANR	ANR
Cadmium	ug/L	-/-	1.4	J (DNQ)	ANR	ANR
Chromium	ug/L	-/-	5.2	--	ANR	ANR
Copper	ug/L	-/-	12	--	ANR	ANR
Lead	ug/L	-/-	6.0	--	ANR	ANR
Mercury	ug/L	-/-	0.12	J (DNQ)	ANR	ANR
Nickel	ug/L	-/-	4.5	J (DNQ)	ANR	ANR
Selenium	ug/L	-/-	ND < 4.6	UJ (*3)	ANR	ANR
Silver	ug/L	-/-	ND < 1.3	UJ (*3)	ANR	ANR
Thallium	ug/L	-/-	ND < 3.1	U	ANR	ANR
Zinc	ug/L	-/-	92	--	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	7.1	--	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U	ANR	ANR
Chloroform	ug/L	-/-	0.98	J (DNQ)	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	U	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	U	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ND < 0.32	U	ANR	ANR
1,4-Dioxane	ug/L	-/-	ND < 4.9	U	ND < 0.49	U
Ethylbenzene	ug/L	-/-	0.89	J (DNQ)	ANR	ANR
Tetrachloroethene	ug/L	-/-	ND < 0.32	U	ANR	ANR
Toluene	ug/L	-/-	3.0	--	ANR	ANR
Xylenes (Total)	ug/L	-/-	3.2	J (DNQ)	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
Trichloroethene	ug/L	-/-	0.57	J (DNQ)	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	U	ANR	ANR
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ND < 1.2	U	ANR	ANR
Vinyl chloride	ug/L	-/-	ND < 0.26	U	ANR	ANR

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

**OUTFALL 012 (Alfa Test Stand)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/2/2005		3/7/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
<b>TPH</b>						
EFH (C13 - C22)	ug/L	-/-	2.2	--	3.3	--
GRO (C4 - C12)	ug/L	-/-	6.6	--	7.4	J(*11)
TRPH	ug/L	-/-	12	--	17	--
<b>ADDITIONAL ANALYTES</b>						
2,4,5-Trichlorophenol	ug/L	-/-	ND < 3.6	U	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ND < 0.24	U	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ND < 4.4	U	ANR	ANR
1,2,3-Trichloropropane	ug/L	-/-	ND < 0.85	U	ND < 0.85	U
1,2-Dibromoethane (EDB)	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
1,2-Dichlorobenzene	ug/L	-/-	ND < 0.32	U	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ND < 4.5	U	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ND < 0.35	U	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ND < 5.0	U	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ND < 0.35	U	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ND < 4.1	U	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ND < 0.37	U	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ND < 3.9	U	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ND < 4.1	U	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ND < 4.1	U	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ND < 4.4	U	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ND < 5.3	UJ (C)	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ND < 4.2	U	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ND < 3.2	U	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ND < 1.3	U	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ND < 4.0	U	ANR	ANR
2-Chlorophenol	ug/L	-/-	ND < 4.2	U	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ND < 5.1	U	ANR	ANR
2-Methylnaphthalene	ug/L	-/-	41	--	ANR	ANR
2-Methylphenol	ug/L	-/-	ND < 3.7	U	ANR	ANR
2-Nitrophenol	ug/L	-/-	ND < 4.2	U	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ND < 11	U	ANR	ANR
4,4'-DDD	ug/L	-/-	ND < 0.020	U	ANR	ANR
4,4'-DDE	ug/L	-/-	ND < 0.025	U	ANR	ANR
4,4'-DDT	ug/L	-/-	ND < 0.030	UJ (C)	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ND < 4.6	U	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ND < 3.5	U	ANR	ANR
4-Chloroaniline	ug/L	-/-	ND < 6.0	U	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ND < 3.0	U	ANR	ANR
4-Nitrophenol	ug/L	-/-	ND < 6.6	U	ANR	ANR
Acenaphthene	ug/L	-/-	ND < 4.3	U	ANR	ANR
Acenaphthylene	ug/L	-/-	12	--	ANR	ANR
Acrolein	ug/L	-/-	ND < 4.6	U	ANR	ANR
Acrylonitrile	ug/L	-/-	ND < 5.1	U	ANR	ANR
Aldrin	ug/L	-/-	ND < 0.030	U	ANR	ANR

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



**OUTFALL 012 (Alfa Test Stand)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**March 1 through March 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/2/2005		3/7/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
alpha-BHC	ug/L	-/-	ND < 0.015	U	ANR	ANR
Aniline	ug/L	-/-	ND < 2.9	U	ANR	ANR
Anthracene	ug/L	-/-	ND < 3.2	U	ANR	ANR
Aroclor-1016	ug/L	-/-	ND < 0.20	U	ANR	ANR
Aroclor-1221	ug/L	-/-	ND < 0.10	U	ANR	ANR
Aroclor-1232	ug/L	-/-	ND < 0.15	U	ANR	ANR
Aroclor-1242	ug/L	-/-	ND < 0.15	U	ANR	ANR
Aroclor-1248	ug/L	-/-	ND < 0.25	U	ANR	ANR
Aroclor-1254	ug/L	-/-	ND < 0.25	U	ANR	ANR
Aroclor-1260	ug/L	-/-	ND < 0.40	U	ANR	ANR
Benzidine	ug/L	-/-	ND < 5.2	UJ (*5,C)	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ND < 3.7	U	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ND < 3.5	U	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ND < 2.7	U	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ND < 5.3	U	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ND < 3.4	U	ANR	ANR
Benzoic acid	ug/L	-/-	ND < 2.6	U	ANR	ANR
Benzyl alcohol	ug/L	-/-	ND < 2.5	U	ANR	ANR
beta-BHC	ug/L	-/-	ND < 0.015	U	ANR	ANR
bis(2-Chloroethyl) ether	ug/L	-/-	ND < 4.4	U	ANR	ANR
bis(2-ethylhexyl) Phthalate	ug/L	-/-	ND < 5.2	U	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ND < 3.9	U	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ND < 4.6	U	ANR	ANR
Bromodichloromethane	ug/L	-/-	1.1	J (DNQ)	ANR	ANR
Bromoform	ug/L	-/-	ND < 0.32	U	ANR	ANR
Bromomethane	ug/L	-/-	ND < 0.34	U	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ND < 3.5	U	ANR	ANR
Chlordane	ug/L	-/-	ND < 0.20	U	ANR	ANR
Chlorobenzene	ug/L	-/-	ND < 0.36	U	ANR	ANR
Chloroethane	ug/L	-/-	ND < 0.33	U	ANR	ANR
Chloromethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
Chrysene	ug/L	-/-	ND < 2.8	U	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ND < 0.22	U	ANR	ANR
delta-BHC	ug/L	-/-	ND < 0.020	U	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ND < 4.7	U	ANR	ANR
Dibenzofuran	ug/L	-/-	ND < 2.6	U	ANR	ANR
Dibromochloromethane	ug/L	-/-	0.71	J (DNQ)	ANR	ANR
Dieldrin	ug/L	-/-	ND < 0.015	U	ANR	ANR
Diethylphthalate	ug/L	-/-	ND < 3.1	U	ANR	ANR
Diisopropyl ether	ug/L	-/-	ND < 0.25	U	ND < 0.25	U
Dimethylphthalate	ug/L	-/-	ND < 3.6	U	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ND < 2.8	U	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ND < 4.7	U	ANR	ANR
Endosulfan I	ug/L	-/-	ND < 0.015	U	ANR	ANR
Endosulfan II	ug/L	-/-	ND < 0.040	U	ANR	ANR

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

**OUTFALL 012 (Alfa Test Stand)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**March 1 through March 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/2/2005		3/7/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Endosulfan sulfate	ug/L	-/-	ND < 0.015	U	ANR	ANR
Endrin	ug/L	-/-	ND < 0.020	U	ANR	ANR
Endrin aldehyde	ug/L	-/-	ND < 0.045	U	ANR	ANR
Endrin ketone	ug/L	-/-	ND < 0.020	U	ANR	ANR
Fluoranthene	ug/L	-/-	ND < 4.2	U	ANR	ANR
Fluorene	ug/L	-/-	ND < 3.9	U	ANR	ANR
Heptachlor	ug/L	-/-	ND < 0.030	U	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ND < 0.020	U	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ND < 4.8	U	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ND < 4.2	U	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ND < 3.4	U	ANR	ANR
Hexachloroethane	ug/L	-/-	ND < 4.2	U	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ND < 5.4	U	ANR	ANR
Isophorone	ug/L	-/-	ND < 3.7	U	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ND < 0.020	U	ANR	ANR
Methoxychlor	ug/L	-/-	ND < 0.035	UJ (C)	ANR	ANR
Methylene Chloride	ug/L	-/-	ND < 0.48	U (T)	ANR	ANR
Methyl-tert-butylether	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
m-Nitroaniline	ug/L	-/-	ND < 4.5	U	ANR	ANR
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	52	--	64	--
Nitrobenzene	ug/L	-/-	ND < 4.2	U	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ND < 3.7	U	ND < 3.7	U
n-Nitroso-di-n-propylamine	ug/L	-/-	ND < 3.6	U	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ND < 4.0	U	ANR	ANR
o-Nitroaniline	ug/L	-/-	ND < 3.9	U	ANR	ANR
p-Cresol	ug/L	-/-	ND < 3.8	U	ANR	ANR
Pentachlorophenol	ug/L	-/-	ND < 4.0	U	ANR	ANR
Phenanthrene	ug/L	-/-	4.9	J (DNQ)	ANR	ANR
Phenol	ug/L	-/-	7.2	J (DNQ)	ANR	ANR
p-Nitroaniline	ug/L	-/-	ND < 4.9	U	ANR	ANR
Pyrene	ug/L	-/-	ND < 3.9	U	ANR	ANR
tertiary Butyl Alcohol	ug/L	-/-	ND < 3.1	U	ND < 3.1	U
Toxaphene	ug/L	-/-	ND < 1.5	U	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ND < 0.27	U	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ND < 0.24	U	ANR	ANR

**OUTFALL 012 (Alfa Test Stand)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**March 1 through March 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/24/2005		3/30/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	0.56	--	0.56	--
Biochemical Oxygen Demand (BOD 5 day)	mg/L	-/-	3.7	--	4.2	--
Oil & Grease	mg/L	-/-	1.1	J (DNQ)	4.7	J (\$, DNQ)
Perchlorate	ug/L	-/-	ND < 0.80	U	ND < 0.80	U
pH (Field)	pH units	6.5-8.5/-	7.0	*	7.2	*
Total Settleable Solids	ml/L	-/-	ND < 0.10	U	ND < 0.10	U
Temperature	deg. F	86/-	56.8	*	64.4	*
Total Cyanide	ug/L	-/-	ANR	ANR	ANR	ANR
Total Dissolved Solids	mg/L	-/-	170	--	180	--
Total Suspended Solids	mg/L	-/-	31	--	14	--
Turbidity	NTU	-/-	23	--	20	--
Volume Discharged	MGD	-/-	0.055	*	0.055	*
<b>METALS</b>						
Antimony	ug/L	-/-	ANR	ANR	ANR	ANR
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	-/-	ANR	ANR	ANR	ANR
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	-/-	ANR	ANR	ANR	ANR
Lead	ug/L	-/-	ANR	ANR	ANR	ANR
Mercury	ug/L	-/-	ANR	ANR	ANR	ANR
Nickel	ug/L	-/-	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR	ANR
Thallium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ANR	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dioxane	ug/L	-/-	ND < 0.49	U	ND < 0.49	UJ (C)
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 012 (Alfa Test Stand)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**March 1 through March 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/24/2005		3/30/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
<b>TPH</b>						
EFH (C13 - C22)	ug/L	-/-	0.75	--	0.66	--
GRO (C4 - C12)	ug/L	-/-	2.9	--	1.4	--
TRPH	ug/L	-/-	5.3	--	4.1	--
<b>ADDITIONAL ANALYTES</b>						
2,4,5-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2,3-Trichloropropane	ug/L	-/-	ND < 0.85	U	ND < 0.85	U
1,2-Dibromoethane (EDB)	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methylnaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloroaniline	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthylene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 012 (Alfa Test Stand)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/24/2005		3/30/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
alpha-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Aniline	ug/L	-/-	ANR	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzoic acid	ug/L	-/-	ANR	ANR	ANR	ANR
Benzyl alcohol	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzofuran	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Diisopropyl ether	ug/L	-/-	ND < 0.25	U	ND < 0.25	U
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 012 (Alfa Test Stand)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**March 1 through March 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/24/2005		3/30/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin ketone	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methoxychlor	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR
Methyl-tert-butylether	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
m-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	ANR
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	34	--	13	--
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ND < 3.7	U	ND < 3.7	U
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
o-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	ANR
p-Cresol	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
p-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
tertiary Butyl Alcohol	ug/L	-/-	10	J (*11, DNQ)	ND < 3.1	U
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR

OUTFALL 012 (Alfa Test Stand)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date March 2, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)	
1,2,3,4,6,7,8-HpCDD	0.00E+00	5.00E-05	1.48E-05	J (DNQ)	0.01	1.48E-07	ND	
1,2,3,4,6,7,8-HpCDF	0.00E+00	5.00E-05	4.82E-06	J (DNQ)	0.01	4.82E-08	ND	
1,2,3,4,7,8,9-HpCDF	1.47E-06	5.00E-05	ND	U	0.01	ND	ND	
1,2,3,4,7,8-HxCDD	2.07E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,4,7,8-HxCDF	9.76E-07	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,6,7,8-HxCDD	2.20E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,6,7,8-HxCDF	9.16E-07	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8,9-HxCDD	2.13E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8,9-HxCDF	1.52E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8-PeCDD	1.06E-06	5.00E-05	ND	U	1	ND	ND	
1,2,3,7,8-PeCDF	1.79E-06	5.00E-05	ND	U	0.05	ND	ND	
2,3,4,6,7,8-HxCDF	1.06E-06	5.00E-05	ND	U	0.1	ND	ND	
2,3,4,7,8-PeCDF	1.53E-06	5.00E-05	ND	U	0.5	ND	ND	
2,3,7,8-TCDD	1.22E-06	1.00E-05	ND	U	1	ND	ND	
2,3,7,8-TCDF	1.20E-06	1.00E-05	ND	U	0.1	ND	ND	
OCDD	0.00E+00	1.00E-04	1.68E-04	--	0.0001	1.68E-08	1.68E-08	
OCDF	0.00E+00	9.11E-06	ND	UJ (*10)	0.0001	ND	ND	
<b>TCDD TEQ w/ DNQ Values</b>							<b>2.13E-07</b>	
<b>TCDD TEQ w/out DNQ Values</b>								<b>1.68E-08</b>

Dioxin TCDD TEQ compliance limit established for this outfall? No

TCDD TEQ PERMIT LIMIT = NA

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





**OUTFALL 015-GRAB-EFFLUENT (STP-1)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/9/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	ANR	ANR	ANR	ANR
Biochemical Oxygen Demand (BOD 5 day)	mg/L	-/-	ANR	ANR	ANR	ANR
Chloride	mg/L	150/-	ANR	ANR	ANR	ANR
Dissolved Oxygen	mg/L	-/-	7.4	--	ANR	ANR
Surfactants (MBAS)	mg/L	0.5/-	0.19	*	ANR	ANR
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrite-N as Nitrogen	mg/L	1.0/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	ANR	ANR	ANR	ANR
Oil & Grease	mg/L	15/10	9	(\$)	ANR	ANR
Perchlorate	ug/L	-/-	150	J(Q)	ANR	ANR
pH (Field)	pH Units	6.5-8.5/-	6.80	*	ANR	ANR
Total Settleable Solids	ml/L	0.3/0.1	ANR	ANR	ANR	ANR
Sulfate	mg/L	300/-	ANR	ANR	ANR	ANR
Temperature	deg. F	86/-	52.2	*	ANR	ANR
Total Cyanide	ug/L	-/-	ANR	ANR	ANR	ANR
Total Dissolved Solids	mg/L	950/-	ANR	ANR	ANR	ANR
Total Residual Chlorine	mg/L	0.1/-	ANR	ANR	1.0	--
Total Suspended Solids	mg/L	-/-	ND < 10	*	ANR	ANR
Turbidity	NTU	-/-	ANR	ANR	30	--
Volume Discharged	MGD	-/-	0.046	*	0.037	*
<b>METALS</b>						
Antimony	ug/L	-/-	ANR	ANR	ANR	ANR
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR
Barium	mg/L	1.0/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR
Boron	mg/L	-/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	-/-	ANR	ANR	ANR	ANR
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR
Chromium VI	ug/L	-/-	ND < 0.041	U	ANR	ANR
Copper	ug/L	-/-	ANR	ANR	ANR	ANR
Lead	ug/L	-/-	ANR	ANR	ANR	ANR
Mercury	ug/L	-/-	ANR	ANR	ANR	ANR
Nickel	ug/L	-/-	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR	ANR
Thallium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ND < 0.28	U	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U	ANR	ANR
Chloroform	ug/L	-/-	7.4	--	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	U	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	U	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ND < 0.32	U	ANR	ANR

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

**OUTFALL 015-GRAB-EFFLUENT (STP-1)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/9/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
1,4-Dioxane	ug/L	-/-	ND < 0.49	U	ANR	ANR
Ethylbenzene	ug/L	-/-	ND < 0.25	U	ANR	ANR
Tetrachloroethene	ug/L	-/-	ND < 0.32	U	ANR	ANR
Toluene	ug/L	-/-	ND < 0.36	U	ANR	ANR
Xylenes (Total)	ug/L	-/-	ND < 0.52	U	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
Trichloroethene	ug/L	-/-	1.2	J (DNQ)	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	U	ANR	ANR
Vinyl chloride	ug/L	-/-	ND < 0.26	U	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
1,1,2,2-Tetrachloroethane	ug/L	-/-	ND < 0.24	U	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2,3-Trichloropropane	ug/L	-/-	ND < 0.85	U	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ND < 0.32	U	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ND < 0.35	U	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ND < 0.35	U	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ND < 0.37	U	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	100	*	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 015-GRAB-EFFLUENT (STP-1)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/9/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	0.66	J (DNQ)	ANR	ANR
Bromoform	ug/L	-/-	ND < 0.32	U	ANR	ANR
Bromomethane	ug/L	-/-	ND < 0.34	U	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ND < 0.36	U	ANR	ANR
Chloroethane	ug/L	-/-	ND < 0.33	U	ANR	ANR
Chloromethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
Chronic Toxicity	TUC	1.0/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ND < 0.22	U	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ND < 0.28	U	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Fecal Coliform	MPN/100 mL	-/-	2	*	ND < 2	*
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 015-GRAB-EFFLUENT (STP-1)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/9/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ND < 0.48	U	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	0.0075	--	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Total Coliform	MPN/100 mL	-/-	8	*	23	*
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ND < 0.27	U	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ND < 0.24	U	ANR	ANR

**OUTFALL 015-COMPOSITE EFFLUENT (STP-1)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/11/2005	
			RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	0.56	*
Biochemical Oxygen Demand (BOD 5 day)	mg/L	45 (7 day avg.)/30	17	*
Chloride	mg/L	150/-	140	*
Dissolved Oxygen	mg/L	-/-	ANR	ANR
Surfactants (MBAS)	mg/L	0.5/-	ANR	ANR
Fluoride	mg/L	1.6/-	0.36	J* (DNQ)
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	2.2	*
Nitrate-N	mg/L	-/-	2.2	--
Nitrite-N as Nitrogen	mg/L	1.0/-	ND < 0.058	*
Oil & Grease	mg/L	15/10	ANR	ANR
Perchlorate	ug/L	-/-	ANR	ANR
pH (Field)	pH Units	6.5-8.5/-	ANR	ANR
Total Settleable Solids	ml/L	0.3/0.1	ANR	ANR
Sulfate	mg/L	300/-	16	*
Temperature	deg. F	86/-	ANR	ANR
Total Cyanide	ug/L	-/-	ND < 17	U
Total Dissolved Solids	mg/L	950/-	400	*
Total Residual Chlorine	mg/L	0.1/-	ANR	ANR
Total Suspended Solids	mg/L	45 (7 day avg.)/30	22	*
Turbidity	NTU	-/-	ANR	ANR
Volume Discharged	MGD	-/-	0.037	ANR
<b>METALS</b>				
Antimony	ug/L	-/-	ND < 4.2	U
Arsenic	ug/L	-/-	4.8	J (DNQ)
Barium	mg/L	1.0/-	0.023	*
Beryllium	ug/L	-/-	ND < 0.62	U
Boron	mg/L	-/-	0.10	--
Cadmium	ug/L	-/-	0.90	J (DNQ)
Chromium	ug/L	-/-	650	--
Copper	ug/L	-/-	32	--
Lead	ug/L	-/-	ND < 2.1	U
Mercury	ug/L	-/-	0.29	--
Nickel	ug/L	-/-	830	--
Selenium	ug/L	-/-	ND < 4.6	U
Silver	ug/L	-/-	ND < 1.3	UJ (*3)
Thallium	ug/L	-/-	ND < 3.1	UJ (*3,B)
Zinc	ug/L	-/-	160	--
<b>ORGANICS</b>				
Benzene	ug/L	-/-	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR

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

**OUTFALL 015-COMPOSITE EFFLUENT (STP-1)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/11/2005	
			RESULT	VALIDATION QUALIFIER
1,4-Dioxane	ug/L	-/-	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR
<b>ADDITIONAL ANALYTES</b>				
2,4,5-Trichlorophenol	ug/L	-/-	ND < 3.6	U
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ND < 4.4	U
1,2,3-Trichloropropane	ug/L	-/-	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ND < 4.5	U
1,2-Dichloropropane	ug/L	-/-	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ND < 5.0	U
1,3-Dichlorobenzene	ug/L	-/-	ND < 4.1	U
1,4-Dichlorobenzene	ug/L	-/-	ND < 3.9	U
2,4,6-Trichlorophenol	ug/L	-/-	ND < 4.1	U
2,4-Dichlorophenol	ug/L	-/-	ND < 4.1	U
2,4-Dimethylphenol	ug/L	-/-	ND < 4.4	U
2,4-Dinitrophenol	ug/L	-/-	ND < 5.3	UJ (C)
2,4-Dinitrotoluene	ug/L	-/-	ND < 4.2	U
2,6-Dinitrotoluene	ug/L	-/-	ND < 3.2	U
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ND < 4.0	U
2-Chlorophenol	ug/L	-/-	ND < 4.2	U
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ND < 5.1	UJ (C)
2-Methylnaphthalene	ug/L	-/-	9.8	I (DNQ)
2-Methylphenol	ug/L	-/-	ND < 3.7	U
2-Nitrophenol	ug/L	-/-	ND < 4.2	U
3,3'-Dichlorobenzidine	ug/L	-/-	ND < 11	U
4,4'-DDD	ug/L	-/-	ND < 0.011	U
4,4'-DDE	ug/L	-/-	ND < 0.017	U
4,4'-DDT	ug/L	-/-	ND < 0.015	UJ (C)
4-Bromophenylphenylether	ug/L	-/-	ND < 4.6	U
4-Chloro-3-methylphenol	ug/L	-/-	ND < 3.5	U
4-Chloroaniline	ug/L	-/-	ND < 6.0	U
4-Chlorophenylphenylether	ug/L	-/-	ND < 3.0	U
4-Nitrophenol	ug/L	-/-	ND < 6.6	U
Acenaphthene	ug/L	-/-	14	--
Acenaphthylene	ug/L	-/-	ND < 3.2	U
Acrolein	ug/L	-/-	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR

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



OUTFALL 015-COMPOSITE EFFLUENT (STP-1)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/11/2005	
			RESULT	VALIDATION QUALIFIER
Aldrin	ug/L	-/-	ND < 0.029	U
alpha-BHC	ug/L	-/-	ND < 0.010	U
Aniline	ug/L	-/-	ND < 2.9	U
Anthracene	ug/L	-/-	ND < 3.2	U
Aroclor-1016	ug/L	-/-	ND < 0.067	U
Aroclor-1221	ug/L	-/-	ND < 0.057	U
Aroclor-1232	ug/L	-/-	ND < 0.13	U
Aroclor-1242	ug/L	-/-	ND < 0.12	U
Aroclor-1248	ug/L	-/-	ND < 0.21	U
Aroclor-1254	ug/L	-/-	ND < 0.16	U
Aroclor-1260	ug/L	-/-	ND < 0.17	U
Benzidine	ug/L	-/-	ND < 5.2	UJ (*5)
Benzo(a)anthracene	ug/L	-/-	ND < 3.7	U
Benzo(a)pyrene	ug/L	-/-	ND < 3.5	U
Benzo(b)fluoranthene	ug/L	-/-	ND < 2.7	U
Benzo(g,h,i)perylene	ug/L	-/-	ND < 5.3	UJ (C)
Benzo(k)fluoranthene	ug/L	-/-	ND < 3.4	U
Benzoic acid	ug/L	-/-	13	J (DNQ)
Benzyl alcohol	ug/L	-/-	ND < 2.5	U
beta-BHC	ug/L	-/-	ND < 0.011	U
bis (2-Chloroethyl) ether	ug/L	-/-	ND < 4.4	U
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ND < 5.2	U
bis(2-Chloroethoxy) methane	ug/L	-/-	ND < 3.9	UJ (C)
bis(2-Chloroisopropyl) ether	ug/L	-/-	ND < 4.6	U
Bromodichloromethane	ug/L	-/-	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	6.0	J (DNQ)
Chlordane	ug/L	-/-	ND < 0.18	U
Chlorobenzene	ug/L	-/-	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR
Chronic Toxicity	TUC	1.0/-	>16.0	*
Chrysene	ug/L	-/-	ND < 2.8	U
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR
delta-BHC	ug/L	-/-	ND < 0.010	U
Dibenzo(a,h)anthracene	ug/L	-/-	ND < 4.7	U
Dibenzofuran	ug/L	-/-	9.8	J (DNQ)
Dibromochloromethane	ug/L	-/-	ANR	ANR
Dieldrin	ug/L	-/-	ND < 0.010	U
Diethylphthalate	ug/L	-/-	ND < 3.1	U
Dimethylphthalate	ug/L	-/-	ND < 3.6	U
Di-n-butylphthalate	ug/L	-/-	5.8	J (DNQ)
Di-n-octylphthalate	ug/L	-/-	ND < 4.7	U
Endosulfan I	ug/L	-/-	ND < 0.015	U

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

**OUTFALL 015-COMPOSITE EFFLUENT (STP-1)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/11/2005	
			RESULT	VALIDATION QUALIFIER
Endosulfan II	ug/L	-/-	ND < 0.037	U
Endosulfan sulfate	ug/L	-/-	ND < 0.013	U
Endrin	ug/L	-/-	ND < 0.0082	U
Endrin aldehyde	ug/L	-/-	ND < 0.045	U
Endrin ketone	ug/L	-/-	ND < 0.020	UJ (C)
Fluoranthene	ug/L	-/-	ND < 4.2	U
Fluorene	ug/L	-/-	6.9	J (DNQ)
Heptachlor	ug/L	-/-	ND < 0.030	U
Heptachlor epoxide	ug/L	-/-	ND < 0.012	U
Hexachlorobenzene	ug/L	-/-	ND < 4.8	U
Hexachlorobutadiene	ug/L	-/-	ND < 4.2	U
Hexachlorocyclopentadiene	ug/L	-/-	ND < 3.4	U
Hexachloroethane	ug/L	-/-	ND < 4.2	U
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ND < 5.4	UJ (C)
Isophorone	ug/L	-/-	ND < 3.7	U
Lindane (gamma-BHC)	ug/L	-/-	ND < 0.0097	U
Methoxychlor	ug/L	-/-	ND < 0.034	UJ (C)
Methylene Chloride	ug/L	-/-	ANR	ANR
m-Nitroaniline	ug/L	-/-	ND < 4.5	U
Naphthalene	ug/L	-/-	8.6	J (DNQ)
Nitrobenzene	ug/L	-/-	ND < 4.2	U
n-Nitrosodimethylamine	ug/L	-/-	ND < 3.7	U
n-Nitroso-di-n-propylamine	ug/L	-/-	ND < 3.6	U
n-Nitrosodiphenylamine	ug/L	-/-	ND < 4.0	U
o-Nitroaniline	ug/L	-/-	ND < 3.9	U
p-Cresol	ug/L	-/-	ND < 3.8	U
Pentachlorophenol	ug/L	-/-	ND < 4.0	U
Phenanthrene	ug/L	-/-	ND < 3.3	U
Phenol	ug/L	-/-	ND < 4.0	U
p-Nitroaniline	ug/L	-/-	ND < 4.9	U
Pyrene	ug/L	-/-	ND < 3.9	U
Toxaphene	ug/L	-/-	ND < 0.77	U
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR

**OUTFALL 015 GRAB INFLUENT (STP-1)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/11/2005	
			RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	ANR	ANR
Biochemical Oxygen Demand (BOD 5 day)	mg/L	-/-	ANR	ANR
Chloride	mg/L	-/-	ANR	ANR
Dissolved Oxygen	mg/L	-/-	ANR	ANR
Surfactants (MBAS)	mg/L	-/-	ANR	ANR
Fluoride	mg/L	-/-	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	-/-	ANR	ANR
Nitrite-N as Nitrogen	mg/L	-/-	ANR	ANR
Oil & Grease	mg/L	-/-	ANR	ANR
Perchlorate	ug/L	-/-	ANR	ANR
pH (Field)	pH Units	6.5-8.5/-	6.50	*
Total Settleable Solids	ml/L	-/-	ANR	ANR
Sulfate	mg/L	-/-	ANR	ANR
Temperature	deg. F	86/-	55.2	*
Total Cyanide	ug/L	-/-	ANR	ANR
Total Dissolved Solids	mg/L	-/-	ANR	ANR
Total Residual Chlorine	mg/L	-/-	ANR	ANR
Total Suspended Solids	mg/L	-/-	ANR	ANR
Turbidity	NTU	-/-	ANR	ANR
Volume Discharged	MGD	-/-	0.028	*
<b>METALS</b>				
Antimony	ug/L	-/-	ANR	ANR
Arsenic	ug/L	-/-	ANR	ANR
Barium	mg/L	-/-	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR
Boron	mg/L	-/-	ANR	ANR
Cadmium	ug/L	-/-	ANR	ANR
Chromium	ug/L	-/-	ANR	ANR
Chromium VI	mg/L	-/-	ND < 0.041	U
Copper	ug/L	-/-	ANR	ANR
Lead	ug/L	-/-	ANR	ANR
Mercury	mg/L	-/-	ANR	ANR
Nickel	ug/L	-/-	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR
Silver	ug/L	-/-	ANR	ANR
Thallium	ug/L	-/-	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR
<b>ORGANICS</b>				
Benzene	ug/L	-/-	ND < 0.28	U
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U
Chloroform	ug/L	-/-	ND < 0.33	U
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	U
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	U
1,1-Dichloroethene	ug/L	-/-	ND < 0.32	U

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

**OUTFALL 015 GRAB INFLUENT (STP-1)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**January 1 through January 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/11/2005	
			RESULT	VALIDATION QUALIFIER
1,4-Dioxane	ug/L	-/-	ANR	ANR
Ethylbenzene	ug/L	-/-	ND < 0.25	U
Tetrachloroethene	ug/L	-/-	ND < 0.32	U
Toluene	ug/L	-/-	ND < 0.36	U
Xylenes (Total)	ug/L	-/-	ND < 0.52	U
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U
Trichloroethene	ug/L	-/-	2.9	--
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	U
Vinyl chloride	ug/L	-/-	ND < 0.26	U
<b>ADDITIONAL ANALYTES</b>				
1,1,2,2-Tetrachloroethane	ug/L	-/-	ND < 0.24	U
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR
1,2,3-Trichloropropane	ug/L	-/-	ND < 10	U
1,2-Dichlorobenzene	ug/L	-/-	ND < 0.32	U
1,2-Dichloropropane	ug/L	-/-	ND < 0.35	U
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ND < 0.35	U
1,4-Dichlorobenzene	ug/L	-/-	ND < 0.37	U
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ND < 1.3	U
2-Chloronaphthalene	ug/L	-/-	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR
Acrolein	ug/L	-/-	ND < 4.6	U
Acrylonitrile	ug/L	-/-	ND < 5.1	U
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR

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

**OUTFALL 015 GRAB INFLUENT (STP-1)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/11/2005	
			RESULT	VALIDATION QUALIFIER
Aroclor-1016	ug/L	-/-	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR
Bromodichloromethane	ug/L	-/-	ND < 0.30	U
Bromoform	ug/L	-/-	ND < 0.32	U
Bromomethane	ug/L	-/-	ND < 0.34	U
Chlordane	ug/L	-/-	ANR	ANR
Chlorobenzene	ug/L	-/-	ND < 0.36	U
Chloroethane	ug/L	-/-	ND < 0.33	U
Chloromethane	ug/L	-/-	ND < 0.30	U
Chronic Toxicity	TUC	1.0/-	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ND < 0.22	U
delta-BHC	ug/L	-/-	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR
Dibromochloromethane	ug/L	-/-	ND < 0.28	U
Dieldrin	ug/L	-/-	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR

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

**OUTFALL 015 GRAB INFLUENT (STP-1)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/11/2005	
			RESULT	VALIDATION QUALIFIER
Hexachlorobenzene	ug/L	-/-	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR
Methylene Chloride	ug/L	-/-	5.0	U (B)
Naphthalene	ug/L	-/-	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ND < 0.27	U
trans-1,3-Dichloropropene	ug/L	-/-	ND < 0.24	U

**OUTFALL 015 COMPOSITE INFLUENT (STP-1)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/11/2005	
			RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	ANR	ANR
Biochemical Oxygen Demand (BOD 5 day)	mg/L	-/-	14	--
Chloride	mg/L	-/-	ANR	ANR
Dissolved Oxygen	mg/L	-/-	ANR	ANR
Surfactants (MBAS)	mg/L	-/-	ANR	ANR
Fluoride	mg/L	-/-	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	-/-	ANR	ANR
Nitrite-N as Nitrogen	mg/L	-/-	ANR	ANR
Oil & Grease	mg/L	-/-	ANR	ANR
Perchlorate	ug/L	-/-	ANR	ANR
pH (Field)	pH Units	6.5-8.5/-	ANR	ANR
Total Settleable Solids	ml/L	-/-	ANR	ANR
Sulfate	mg/L	-/-	ANR	ANR
Temperature	deg. F	86/-	ANR	ANR
Total Cyanide	ug/L	-/-	ND < 17	UJ (*2)
Total Dissolved Solids	mg/L	-/-	ANR	ANR
Total Residual Chlorine	mg/L	-/-	ANR	ANR
Total Suspended Solids	mg/L	-/-	18	--
Turbidity	NTU	-/-	ANR	ANR
Volume Discharged	MGD	-/-	0.028	ANR
<b>METALS</b>				
Antimony	ug/L	-/-	ND < 4.2	U
Arsenic	ug/L	-/-	ND < 3.8	U
Barium	mg/L	-/-	ANR	ANR
Beryllium	ug/L	-/-	ND < 0.62	U
Boron	mg/L	-/-	ANR	ANR
Cadmium	ug/L	-/-	0.90	J (DNQ)
Chromium	ug/L	-/-	190	--
Copper	ug/L	-/-	9.4	J (DNQ)
Lead	ug/L	-/-	3.4	J (DNQ)
Mercury	ug/L	-/-	0.14	J (DNQ)
Nickel	ug/L	-/-	6.9	--
Selenium	ug/L	-/-	ND < 4.6	U
Silver	ug/L	-/-	ND < 1.3	UJ (*3,B)
Thallium	ug/L	-/-	9.6	--
Zinc	ug/L	-/-	74	--
<b>ORGANICS</b>				
Benzene	ug/L	-/-	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR
1,4-Dioxane	ug/L	-/-	ANR	ANR

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



**OUTFALL 015 COMPOSITE INFLUENT (STP-1)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/11/2005	
			RESULT	VALIDATION QUALIFIER
Ethylbenzene	ug/L	-/-	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR
<b>ADDITIONAL ANALYTES</b>				
2,4,5-Trichlorophenol	ug/L	-/-	ND < 3.6	U
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ND < 4.4	U
1,2,3-Trichloropropane	ug/L	-/-	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ND < 4.5	U
1,2-Dichloropropane	ug/L	-/-	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ND < 5.0	U
1,3-Dichlorobenzene	ug/L	-/-	ND < 4.1	U
1,4-Dichlorobenzene	ug/L	-/-	ND < 3.9	U
2,4,6-Trichlorophenol	ug/L	-/-	ND < 4.1	U
2,4-Dichlorophenol	ug/L	-/-	ND < 4.1	U
2,4-Dimethylphenol	ug/L	-/-	ND < 4.4	U
2,4-Dinitrophenol	ug/L	-/-	ND < 5.3	UJ (C)
2,4-Dinitrotoluene	ug/L	-/-	ND < 4.2	U
2,6-Dinitrotoluene	ug/L	-/-	ND < 3.2	U
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ND < 4.0	U
2-Chlorophenol	ug/L	-/-	ND < 4.2	U
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ND < 5.1	UJ (C)
2-Methylnaphthalene	ug/L	-/-	ND < 3.0	U
2-Methylphenol	ug/L	-/-	ND < 3.7	U
2-Nitrophenol	ug/L	-/-	ND < 4.2	U
3,3'-Dichlorobenzidine	ug/L	-/-	ND < 11	U
4,4'-DDD	ug/L	-/-	ND < 0.011	U
4,4'-DDE	ug/L	-/-	ND < 0.017	U
4,4'-DDT	ug/L	-/-	ND < 0.015	U
4-Bromophenylphenylether	ug/L	-/-	ND < 4.6	U
4-Chloro-3-methylphenol	ug/L	-/-	ND < 3.5	U
4-Chloroaniline	ug/L	-/-	ND < 6.0	U
4-Chlorophenylphenylether	ug/L	-/-	ND < 3.0	U
4-Nitrophenol	ug/L	-/-	ND < 6.6	U
Acenaphthene	ug/L	-/-	ND < 4.3	U
Acenaphthylene	ug/L	-/-	ND < 3.2	U
Acrolein	ug/L	-/-	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR
Aldrin	ug/L	-/-	ND < 0.029	U

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

**OUTFALL 015 COMPOSITE INFLUENT (STP-1)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/11/2005	
			RESULT	VALIDATION QUALIFIER
alpha-BHC	ug/L	-/-	ND < 0.010	U
Aniline	ug/L	-/-	ND < 2.9	U
Anthracene	ug/L	-/-	ND < 3.2	U
Aroclor-1016	ug/L	-/-	ND < 0.067	U
Aroclor-1221	ug/L	-/-	ND < 0.057	U
Aroclor-1232	ug/L	-/-	ND < 0.13	U
Aroclor-1242	ug/L	-/-	ND < 0.12	U
Aroclor-1248	ug/L	-/-	ND < 0.21	U
Aroclor-1254	ug/L	-/-	ND < 0.16	U
Aroclor-1260	ug/L	-/-	ND < 0.17	U
Benidine	ug/L	-/-	ND < 5.2	UJ (*5)
Benzo(a)anthracene	ug/L	-/-	ND < 3.7	U
Benzo(a)pyrene	ug/L	-/-	ND < 3.5	U
Benzo(b)fluoranthene	ug/L	-/-	ND < 2.7	U
Benzo(g,h,i)perylene	ug/L	-/-	ND < 5.3	UJ (C)
Benzo(k)fluoranthene	ug/L	-/-	ND < 3.4	U
Benzoic acid	ug/L	-/-	11	J (DNQ)
Benzyl alcohol	ug/L	-/-	ND < 2.5	U
beta-BHC	ug/L	-/-	ND < 0.011	U
bis (2-Chloroethyl) ether	ug/L	-/-	ND < 4.4	U
bis (2-ethylhexyl) Phthalate	ug/L	-/-	26	J (DNQ)
bis(2-Chloroethoxy) methane	ug/L	-/-	ND < 3.9	UJ (C)
bis(2-Chloroisopropyl) ether	ug/L	-/-	ND < 4.6	U
Bromodichloromethane	ug/L	-/-	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ND < 3.5	U
Chlordane	ug/L	-/-	ND < 0.18	U
Chlorobenzene	ug/L	-/-	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR
Chronic Toxicity	TUC	1.0/-	ANR	ANR
Chrysene	ug/L	-/-	ND < 2.8	U
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR
delta-BHC	ug/L	-/-	ND < 0.010	U
Dibenzo(a,h)anthracene	ug/L	-/-	ND < 4.7	U
Dibenzofuran	ug/L	-/-	ND < 2.6	U
Dibromochloromethane	ug/L	-/-	ANR	ANR
Dieldrin	ug/L	-/-	ND < 0.010	U
Diethylphthalate	ug/L	-/-	ND < 3.1	U
Dimethylphthalate	ug/L	-/-	ND < 3.6	U
Di-n-butylphthalate	ug/L	-/-	ND < 2.8	U
Di-n-octylphthalate	ug/L	-/-	ND < 4.7	U
Endosulfan I	ug/L	-/-	ND < 0.015	U
Endosulfan II	ug/L	-/-	ND < 0.037	U

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

**OUTFALL 015 COMPOSITE INFLUENT (STP-1)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**January 1 through January 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/11/2005	
			RESULT	VALIDATION QUALIFIER
Endosulfan sulfate	ug/L	-/-	ND < 0.013	U
Endrin	ug/L	-/-	ND < 0.0082	U
Endrin aldehyde	ug/L	-/-	ND < 0.045	U
Endrin ketone	ug/L	-/-	ND < 0.020	U
Fluoranthene	ug/L	-/-	ND < 4.2	U
Fluorene	ug/L	-/-	ND < 3.9	U
Heptachlor	ug/L	-/-	ND < 0.030	U
Heptachlor epoxide	ug/L	-/-	ND < 0.012	U
Hexachlorobenzene	ug/L	-/-	ND < 4.8	U
Hexachlorobutadiene	ug/L	-/-	ND < 4.2	U
Hexachlorocyclopentadiene	ug/L	-/-	ND < 3.4	U
Hexachloroethane	ug/L	-/-	ND < 4.2	U
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ND < 5.4	UJ (C)
Isophorone	ug/L	-/-	ND < 3.7	U
Lindane (gamma-BHC)	ug/L	-/-	ND < 0.0097	U
Methoxychlor	ug/L	-/-	ND < 0.034	U
Methylene Chloride	ug/L	-/-	ANR	ANR
m-Nitroaniline	ug/L	-/-	ND < 4.5	U
Naphthalene	ug/L	-/-	ND < 4.5	U
Nitrobenzene	ug/L	-/-	ND < 4.2	U
n-Nitrosodimethylamine	ug/L	-/-	ND < 3.7	U
n-Nitroso-di-n-propylamine	ug/L	-/-	ND < 3.6	U
n-Nitrosodiphenylamine	ug/L	-/-	ND < 4.0	U
o-Nitroaniline	ug/L	-/-	ND < 3.9	U
p-Cresol	ug/L	-/-	ND < 3.8	U
Pentachlorophenol	ug/L	-/-	ND < 4.0	U
Phenanthrene	ug/L	-/-	ND < 3.3	U
Phenol	ug/L	-/-	ND < 4.0	U
p-Nitroaniline	ug/L	-/-	ND < 4.9	U
Pyrene	ug/L	-/-	ND < 3.9	U
Toxaphene	ug/L	-/-	ND < 0.77	U
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR

**OUTFALL 015-COMP EFFLUENT (STP-1)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY - ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date January 11, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	8.00E-07	5.00E-05	7.90E-06	UJ (B)	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	1.70E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	2.10E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	5.50E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	6.30E-07	5.00E-05	8.10E-07	J (DNQ)	0.1	8.10E-08	ND
1,2,3,6,7,8-HxCDD	5.90E-07	5.00E-05	7.70E-07	J (DNQ)	0.1	7.70E-08	ND
1,2,3,6,7,8-HxCDF	6.60E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	5.80E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	6.20E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.30E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.30E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	4.90E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	6.00E-07	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	6.60E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	8.30E-07	1.00E-05	ND	U	0.1	ND	ND
OCDD	1.20E-06	1.00E-04	9.60E-05	J (DNQ)	0.0001	9.60E-09	ND
OCDF	1.50E-06	1.00E-04	8.60E-06	UJ (B)	0.0001	ND	ND

**TCDD TEQ w/ DNQ Values**

**TCDD TEQ w/out DNQ Values**

1.68E-07

ND

**Dioxin TCDD TEQ compliance limit established for this outfall?**

No

TCDD TEQ PERMIT LIMIT = NA

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

**OUTFALL 015 COMP INFLUENT (STP-1)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY - ROCKEIDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date January 11, 2005

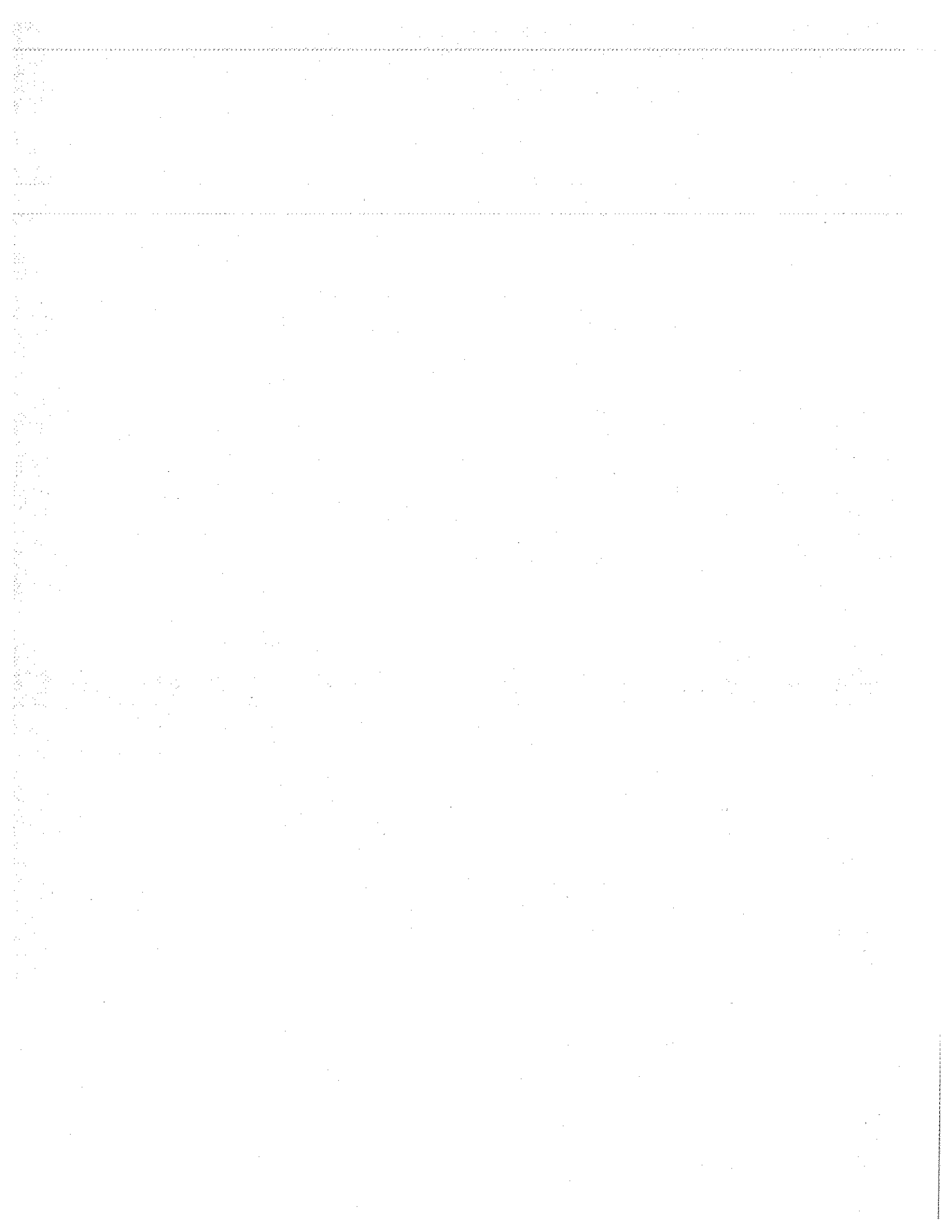
ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	1.50E-06	5.00E-05	8.40E-06	UJ (B)	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	1.80E-06	5.00E-05	2.80E-06	J (DNQ)	0.01	2.80E-08	ND
1,2,3,4,7,8,9-HpCDF	1.30E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.30E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	8.50E-07	1.10E-06	ND	UJ (*10)	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.30E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	8.40E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.20E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	7.20E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.00E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	7.10E-07	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	8.10E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	4.70E-07	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	8.00E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	8.40E-07	1.00E-05	ND	U	0.1	ND	ND
OCDD	4.20E-06	1.00E-04	9.40E-05	J (DNQ)	0.0001	9.40E-09	ND
OCDF	1.80E-06	1.00E-04	1.00E-05	UJ (B)	0.0001	ND	ND

<b>TCDD TEQ w/ DNQ Values</b>	3.74E-08
<b>TCDD TEQ w/out DNQ Values</b>	ND

Dioxin TCDD TEQ compliance limit established for this outfall? No

TCDD TEQ PERMIT LIMIT = NA

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



**OUTFALL 017-GRAB EFFLUENT (STP-3)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/9/2005		1/10/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	ANR	ANR	ANR	ANR
Biochemical Oxygen Demand (BOD 5 day)	mg/L	-/-	ANR	ANR	ANR	ANR
Chloride	mg/L	150/-	ANR	ANR	ANR	ANR
Dissolved Oxygen	mg/L	-/-	6.2	--	ANR	ANR
Surfactants (MBAS)	mg/L	0.5/-	0.044	J* (DNQ)	ANR	ANR
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	ANR	ANR	ANR	ANR
Nitrite-N as Nitrogen	mg/L	1.0/-	ANR	ANR	ANR	ANR
Oil & Grease	mg/L	15/10	10	(\$)	ANR	ANR
Perchlorate	ug/L	-/-	43	--	ANR	ANR
pH (Field)	pH Units	6.5-8.5/-	8.10	*	ANR	ANR
Total Settleable Solids	ml/L	0.3/0.1	ANR	ANR	ANR	ANR
Sulfate	mg/L	300/-	ANR	ANR	ANR	ANR
Temperature	deg. F	86/-	55.6	*	ANR	ANR
Total Cyanide	ug/L	-/-	ANR	ANR	ANR	ANR
Total Dissolved Solids	mg/L	950/-	ANR	ANR	ANR	ANR
Total Residual Chlorine	mg/L	0.1/-	ANR	ANR	5.0	--
Total Suspended Solids	mg/L	-/-	35	--	ANR	ANR
Turbidity	NTU	-/-	ANR	ANR	16	--
Volume Discharged	MGD	-/-	0.020	*	0.017	*
<b>METALS</b>						
Antimony	ug/L	-/-	ANR	ANR	ANR	ANR
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR
Barium	mg/L	1.0/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR
Boron	mg/L	-/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	-/-	ANR	ANR	ANR	ANR
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR
Chromium VI	ug/L	-/-	0.13	J (DNQ)	ANR	ANR
Copper	ug/L	-/-	ANR	ANR	ANR	ANR
Lead	ug/L	-/-	ANR	ANR	ANR	ANR
Mercury	ug/L	-/-	ANR	ANR	ANR	ANR
Nickel	ug/L	-/-	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR	ANR
Thallium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ND < 0.28	UJ (S)	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	UJ (S)	ANR	ANR
Chloroform	ug/L	-/-	34	J (S)	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	UJ (S)	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	UJ (S)	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ND < 0.32	UJ (S)	ANR	ANR

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

**OUTFALL 017-GRAB EFFLUENT (STP-3)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/9/2005		1/10/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
1,4-Dioxane	ug/L	-/-	ND < 0.49	U	ANR	ANR
Ethylbenzene	ug/L	-/-	ND < 0.25	UJ (S)	ANR	ANR
Tetrachloroethene	ug/L	-/-	ND < 0.32	UJ (S)	ANR	ANR
Toluene	ug/L	-/-	ND < 0.36	UJ (S)	ANR	ANR
Xylenes (Total)	ug/L	-/-	ND < 0.52	UJ (S)	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	UJ (S)	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	UJ (S)	ANR	ANR
Trichloroethene	ug/L	-/-	ND < 0.26	UJ (S)	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	UJ (S)	ANR	ANR
Vinyl chloride	ug/L	-/-	ND < 0.26	UJ (S)	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
1,1,2,2-Tetrachloroethane	ug/L	-/-	ND < 0.24	UJ (S)	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2,3-Trichloropropane	ug/L	-/-	ND < 0.85	UJ (S)	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ND < 0.32	UJ (S)	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ND < 0.35	UJ (S)	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ND < 0.35	UJ (S)	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ND < 0.37	UJ (S)	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	100	*	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR

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



**OUTFALL 017-GRAB EFFLUENT (STP-3)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/9/2005		1/10/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	4.7	J (S)	ANR	ANR
Bromoform	ug/L	-/-	ND < 0.32	UJ (S)	ANR	ANR
Bromomethane	ug/L	-/-	ND < 0.34	UJ (S)	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ND < 0.36	UJ (S)	ANR	ANR
Chloroethane	ug/L	-/-	ND < 0.33	UJ (S)	ANR	ANR
Chloromethane	ug/L	-/-	ND < 0.30	UJ (S)	ANR	ANR
Chronic Toxicity	TUC	1.0/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ND < 0.22	UJ (S)	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ND < 0.28	UJ (S)	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Fecal Coliform	MPN/100 mL	-/-	ND < 2	*	ND < 2	*
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 017-GRAB EFFLUENT (STP-3)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/9/2005		1/10/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ND < 0.48	UJ (S)	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	0.038	--	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Total Coliform	MPN/100 mL	-/-	ND < 2	*	ND < 2	*
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ND < 0.27	UJ (S)	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ND < 0.24	UJ (S)	ANR	ANR

**OUTFALL 017-GRAB EFFLUENT (STP-3)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/11/2005	
			RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	ANR	ANR
Biochemical Oxygen Demand (BOD 5 day)	mg/L	-/-	ANR	ANR
Chloride	mg/L	150/-	ANR	ANR
Dissolved Oxygen	mg/L	-/-	ANR	ANR
Surfactants (MBAS)	mg/L	0.5/-	ANR	ANR
Fluoride	mg/L	1.6/-	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	ANR	ANR
Nitrite-N as Nitrogen	mg/L	1.0/-	ANR	ANR
Oil & Grease	mg/L	15/10	ANR	ANR
Perchlorate	ug/L	-/-	ANR	ANR
pH (Field)	pH Units	6.5-8.5/-	ANR	ANR
Total Settleable Solids	ml/L	0.3/0.1	ANR	ANR
Sulfate	mg/L	300/-	ANR	ANR
Temperature	deg. F	86/-	ANR	ANR
Total Cyanide	ug/L	-/-	ANR	ANR
Total Dissolved Solids	mg/L	950/-	ANR	ANR
Total Residual Chlorine	mg/L	0.1/-	1.0	--
Total Suspended Solids	mg/L	-/-	ANR	ANR
Turbidity	NTU	-/-	33	--
Volume Discharged	MGD	-/-	0.013	*
<b>METALS</b>				
Antimony	ug/L	-/-	ANR	ANR
Arsenic	ug/L	-/-	ANR	ANR
Barium	mg/L	1.0/-	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR
Boron	mg/L	-/-	ANR	ANR
Cadmium	ug/L	-/-	ANR	ANR
Chromium	ug/L	-/-	ANR	ANR
Chromium VI	ug/L	-/-	ANR	ANR
Copper	ug/L	-/-	ANR	ANR
Lead	ug/L	-/-	ANR	ANR
Mercury	ug/L	-/-	ANR	ANR
Nickel	ug/L	-/-	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR
Silver	ug/L	-/-	ANR	ANR
Thallium	ug/L	-/-	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR
<b>ORGANICS</b>				
Benzene	ug/L	-/-	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR

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

**OUTFALL 017-GRAB EFFLUENT (STP-3)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/11/2005	
			RESULT	VALIDATION QUALIFIER
1,4-Dioxane	ug/L	-/-	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR
<b>ADDITIONAL ANALYTES</b>				
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR
1,2,3-Trichloropropane	ug/L	-/-	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR

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

**OUTFALL 017-GRAB EFFLUENT (STP-3)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/11/2005	
			RESULT	VALIDATION QUALIFIER
Aroclor-1016	ug/L	-/-	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR
Chronic Toxicity	TUC	1.0/-	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR
Fecal Coliform	MPN/100 mL	-/-	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR

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

**OUTFALL 017-GRAB EFFLUENT (STP-3)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/11/2005	
			RESULT	VALIDATION QUALIFIER
Heptachlor epoxide	ug/L	-/-	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR
Total Coliform	MPN/100 mL	-/-	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR

**OUTFALL 017-COMPOSITE EFFLUENT (STP-3)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/11/2005	
			RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	ND < 0.30	*
Biochemical Oxygen Demand (BOD 5 day)	mg/L	45 (7 day avg.)/30	14	*
Chloride	mg/L	150/-	140	*
Dissolved Oxygen	mg/L	-/-	ANR	ANR
Surfactants (MBAS)	mg/L	0.5/-	ANR	ANR
Fluoride	mg/L	1.6/-	0.33	J* (DNQ)
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	1.6	*
Nitrite-N as Nitrogen	mg/L	1.0/-	ND < 0.058	*
Oil & Grease	mg/L	15/10	ANR	ANR
Perchlorate	ug/L	-/-	ANR	ANR
pH (Field)	pH Units	6.5-8.5/-	ANR	ANR
Total Settleable Solids	ml/L	0.3/0.1	ANR	ANR
Sulfate	mg/L	300/-	38	*
Temperature	deg. F	86/-	ANR	ANR
Total Cyanide	ug/L	-/-	ND < 17	U
Total Dissolved Solids	mg/L	950/-	440	*
Total Residual Chlorine	mg/L	0.1/-	ANR	ANR
Total Suspended Solids	mg/L	45 (7 day avg.)/30	ND < 10	*
Turbidity	NTU	-/-	ANR	ANR
Volume Discharged	MGD	-/-	0.013	ANR
<b>METALS</b>				
Antimony	ug/L	-/-	ND < 4.2	U
Arsenic	ug/L	-/-	ND < 3.8	U
Barium	mg/L	1.0/-	0.021	*
Beryllium	ug/L	-/-	ND < 0.62	U
Boron	mg/L	-/-	0.093	--
Cadmium	ug/L	-/-	5.0	J (DNQ)
Chromium	ug/L	-/-	110	--
Copper	ug/L	-/-	7.9	J (DNQ)
Lead	ug/L	-/-	ND < 2.1	U
Mercury	ug/L	-/-	0.30	--
Nickel	ug/L	-/-	120	--
Selenium	ug/L	-/-	ND < 4.6	U
Silver	ug/L	-/-	ND < 1.3	UJ (*3)
Thallium	ug/L	-/-	ND < 3.1	UJ (B,*3)
Zinc	ug/L	-/-	99	--
<b>ORGANICS</b>				
Benzene	ug/L	-/-	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR
1,4-Dioxane	ug/L	-/-	ANR	ANR

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

**OUTFALL 017-COMPOSITE EFFLUENT (STP-3)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/11/2005	
			RESULT	VALIDATION QUALIFIER
Ethylbenzene	ug/L	-/-	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR
<b>ADDITIONAL ANALYTES</b>				
2,4,5-Trichlorophenol	ug/L	-/-	ND < 3.6	U
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ND < 4.4	U
1,2,3-Trichloropropane	ug/L	-/-	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ND < 4.5	U
1,2-Dichloropropane	ug/L	-/-	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ND < 5.0	U
1,3-Dichlorobenzene	ug/L	-/-	ND < 4.1	U
1,4-Dichlorobenzene	ug/L	-/-	ND < 3.9	U
2,4,6-Trichlorophenol	ug/L	-/-	ND < 4.1	U
2,4-Dichlorophenol	ug/L	-/-	ND < 4.1	U
2,4-Dimethylphenol	ug/L	-/-	ND < 4.4	U
2,4-Dinitrophenol	ug/L	-/-	ND < 5.3	UJ (C)
2,4-Dinitrotoluene	ug/L	-/-	ND < 4.2	U
2,6-Dinitrotoluene	ug/L	-/-	ND < 3.2	U
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ND < 4.0	U
2-Chlorophenol	ug/L	-/-	ND < 4.2	U
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ND < 5.1	UJ (C)
2-Methylnaphthalene	ug/L	-/-	ND < 3.0	U
2-Methylphenol	ug/L	-/-	ND < 3.7	U
2-Nitrophenol	ug/L	-/-	ND < 4.2	U
3,3'-Dichlorobenzidine	ug/L	-/-	ND < 11	U
4,4'-DDD	ug/L	-/-	ND < 0.011	U
4,4'-DDE	ug/L	-/-	ND < 0.017	U
4,4'-DDT	ug/L	-/-	ND < 0.015	U
4-Bromophenylphenylether	ug/L	-/-	ND < 4.6	U
4-Chloro-3-methylphenol	ug/L	-/-	ND < 3.5	U
4-Chloroaniline	ug/L	-/-	ND < 6.0	U
4-Chlorophenylphenylether	ug/L	-/-	ND < 3.0	U
4-Nitrophenol	ug/L	-/-	ND < 6.6	U
Acenaphthene	ug/L	-/-	ND < 4.3	U
Acenaphthylene	ug/L	-/-	ND < 3.2	U
Acrolein	ug/L	-/-	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR
Aldrin	ug/L	-/-	ND < 0.029	U

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



**OUTFALL 017-COMPOSITE EFFLUENT (STP-3)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/11/2005	
			RESULT	VALIDATION QUALIFIER
alpha-BHC	ug/L	-/-	ND < 0.010	U
Aniline	ug/L	-/-	ND < 2.9	U
Anthracene	ug/L	-/-	ND < 3.2	U
Aroclor-1016	ug/L	-/-	ND < 0.067	U
Aroclor-1221	ug/L	-/-	ND < 0.057	U
Aroclor-1232	ug/L	-/-	ND < 0.13	U
Aroclor-1242	ug/L	-/-	ND < 0.12	U
Aroclor-1248	ug/L	-/-	ND < 0.21	U
Aroclor-1254	ug/L	-/-	ND < 0.16	U
Aroclor-1260	ug/L	-/-	ND < 0.17	U
Benzidine	ug/L	-/-	ND < 5.2	UJ (*5)
Benzo(a)anthracene	ug/L	-/-	ND < 3.7	U
Benzo(a)pyrene	ug/L	-/-	ND < 3.5	U
Benzo(b)fluoranthene	ug/L	-/-	ND < 2.7	U
Benzo(g,h,i)perylene	ug/L	-/-	ND < 5.3	UJ (C)
Benzo(k)fluoranthene	ug/L	-/-	ND < 3.4	U
Benzoic acid	ug/L	-/-	13	J (DNQ)
Benzyl alcohol	ug/L	-/-	ND < 2.5	U
beta-BHC	ug/L	-/-	ND < 0.011	U
bis (2-Chloroethyl) ether	ug/L	-/-	ND < 4.4	U
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ND < 5.2	U
bis(2-Chloroethoxy) methane	ug/L	-/-	ND < 3.9	UJ (C)
bis(2-Chloroisopropyl) ether	ug/L	-/-	ND < 4.6	U
Bromodichloromethane	ug/L	-/-	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ND < 3.5	U
Chlordane	ug/L	-/-	ND < 0.18	U
Chlorobenzene	ug/L	-/-	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR
Chronic Toxicity	TUC	1.0/-	8.0	*
Chrysene	ug/L	-/-	ND < 2.8	U
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR
delta-BHC	ug/L	-/-	ND < 0.010	U
Dibenzo(a,h)anthracene	ug/L	-/-	ND < 4.7	U
Dibenzofuran	ug/L	-/-	ND < 2.6	U
Dibromochloromethane	ug/L	-/-	ANR	ANR
Dieldrin	ug/L	-/-	ND < 0.010	U
Diethylphthalate	ug/L	-/-	ND < 3.1	U
Dimethylphthalate	ug/L	-/-	ND < 3.6	U
Di-n-butylphthalate	ug/L	-/-	ND < 2.8	U
Di-n-octylphthalate	ug/L	-/-	ND < 4.7	U
Endosulfan I	ug/L	-/-	ND < 0.015	U
Endosulfan II	ug/L	-/-	ND < 0.037	U

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

**OUTFALL 017-COMPOSITE EFFLUENT (STP-3)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/11/2005	
			RESULT	VALIDATION QUALIFIER
Endosulfan sulfate	ug/L	-/-	ND < 0.013	U
Endrin	ug/L	-/-	ND < 0.0082	U
Endrin aldehyde	ug/L	-/-	ND < 0.045	U
Endrin ketone	ug/L	-/-	ND < 0.020	U
Fluoranthene	ug/L	-/-	ND < 4.2	U
Fluorene	ug/L	-/-	ND < 3.9	U
Heptachlor	ug/L	-/-	ND < 0.030	U
Heptachlor epoxide	ug/L	-/-	ND < 0.012	U
Hexachlorobenzene	ug/L	-/-	ND < 4.8	U
Hexachlorobutadiene	ug/L	-/-	ND < 4.2	U
Hexachlorocyclopentadiene	ug/L	-/-	ND < 3.4	U
Hexachloroethane	ug/L	-/-	ND < 4.2	U
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ND < 5.4	UJ (C)
Isophorone	ug/L	-/-	ND < 3.7	U
Lindane (gamma-BHC)	ug/L	-/-	ND < 0.0097	U
Methoxychlor	ug/L	-/-	ND < 0.034	U
Methylene Chloride	ug/L	-/-	ANR	ANR
m-Nitroaniline	ug/L	-/-	ND < 4.5	U
Naphthalene	ug/L	-/-	ND < 4.5	U
Nitrobenzene	ug/L	-/-	ND < 4.2	U
n-Nitrosodimethylamine	ug/L	-/-	ND < 3.7	U
n-Nitroso-di-n-propylamine	ug/L	-/-	ND < 3.6	U
n-Nitrosodiphenylamine	ug/L	-/-	ND < 4.0	U
o-Nitroaniline	ug/L	-/-	ND < 3.9	U
p-Cresol	ug/L	-/-	ND < 3.8	U
Pentachlorophenol	ug/L	-/-	ND < 4.0	U
Phenanthrene	ug/L	-/-	ND < 3.3	U
Phenol	ug/L	-/-	ND < 4.0	U
p-Nitroaniline	ug/L	-/-	ND < 4.9	U
Pyrene	ug/L	-/-	ND < 3.9	U
Toxaphene	ug/L	-/-	ND < 0.77	U
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR

**OUTFALL 017 GRAB INFLUENT (STP-3)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/11/2005	
			RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	ANR	ANR
Biochemical Oxygen Demand (BOD 5 day)	mg/L	-/-	ANR	ANR
Chloride	mg/L	-/-	ANR	ANR
Dissolved Oxygen	mg/L	-/-	ANR	ANR
Surfactants (MBAS)	mg/L	-/-	ANR	ANR
Fluoride	mg/L	-/-	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	-/-	ANR	ANR
Nitrite-N as Nitrogen	mg/L	-/-	ANR	ANR
Oil & Grease	mg/L	-/-	ANR	ANR
Perchlorate	ug/L	-/-	ANR	ANR
pH (Field)	pH Units	6.5-8.5/-	6.80	*
Total Settleable Solids	ml/L	-/-	ANR	ANR
Sulfate	mg/L	-/-	ANR	ANR
Temperature	deg. F	86/-	57.4	*
Total Cyanide	ug/L	-/-	ANR	ANR
Total Dissolved Solids	mg/L	-/-	ANR	ANR
Total Residual Chlorine	mg/L	-/-	ANR	ANR
Total Suspended Solids	mg/L	-/-	ANR	ANR
Turbidity	NTU	-/-	ANR	ANR
Volume Discharged	MGD	-/-	0.013	*
<b>METALS</b>				
Antimony	ug/L	-/-	ANR	ANR
Arsenic	ug/L	-/-	ANR	ANR
Barium	mg/L	-/-	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR
Boron	mg/L	-/-	ANR	ANR
Cadmium	ug/L	-/-	ANR	ANR
Chromium	ug/L	-/-	ANR	ANR
Chromium VI	ug/L	-/-	ND < 0.041	U
Copper	ug/L	-/-	ANR	ANR
Lead	ug/L	-/-	ANR	ANR
Mercury	ug/L	-/-	ANR	ANR
Nickel	ug/L	-/-	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR
Silver	ug/L	-/-	ANR	ANR
Thallium	ug/L	-/-	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR
<b>ORGANICS</b>				
Benzene	ug/L	-/-	ND < 0.28	U
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U
Chloroform	ug/L	-/-	0.74	J (DNQ)
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	U
1,2-Dichloroethane	ug/L	-/-	0.30	J (DNQ)
1,1-Dichloroethene	ug/L	-/-	ND < 0.32	U

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

**OUTFALL 017 GRAB INFLUENT (STP-3)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/11/2005	
			RESULT	VALIDATION QUALIFIER
1,4-Dioxane	ug/L	-/-	ANR	ANR
Ethylbenzene	ug/L	-/-	ND < 0.25	U
Tetrachloroethene	ug/L	-/-	ND < 0.32	U
Toluene	ug/L	-/-	ND < 0.36	U
Xylenes (Total)	ug/L	-/-	0.88	J (DNQ)
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U
Trichloroethene	ug/L	-/-	ND < 0.26	U
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	U
Vinyl chloride	ug/L	-/-	ND < 0.26	U
<b>ADDITIONAL ANALYTES</b>				
1,1,2,2-Tetrachloroethane	ug/L	-/-	ND < 0.24	U
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR
1,2,3-Trichloropropane	ug/L	-/-	ND < 10	U
1,2-Dichlorobenzene	ug/L	-/-	ND < 0.32	U
1,2-Dichloropropane	ug/L	-/-	ND < 0.35	U
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ND < 0.35	U
1,4-Dichlorobenzene	ug/L	-/-	1.2	J (DNQ)
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ND < 1.3	U
2-Chloronaphthalene	ug/L	-/-	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR
Acrolein	ug/L	-/-	ND < 4.6	U
Acrylonitrile	ug/L	-/-	ND < 5.1	U
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR

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

**OUTFALL 017 GRAB INFLUENT (STP-3)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/11/2005	
			RESULT	VALIDATION QUALIFIER
Aroclor-1016	ug/L	-/-	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR
Bromodichloromethane	ug/L	-/-	ND < 0.30	U
Bromoform	ug/L	-/-	ND < 0.32	U
Bromomethane	ug/L	-/-	ND < 0.34	U
Chlordane	ug/L	-/-	ANR	ANR
Chlorobenzene	ug/L	-/-	ND < 0.36	U
Chloroethane	ug/L	-/-	0.85	J (DNQ)
Chloromethane	ug/L	-/-	ND < 0.30	U
Chronic Toxicity	TUC	1.0/-	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ND < 0.22	U
delta-BHC	ug/L	-/-	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR
Dibromochloromethane	ug/L	-/-	ND < 0.28	U
Dieldrin	ug/L	-/-	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR

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

**OUTFALL 017 GRAB INFLUENT (STP-3)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/11/2005	
			RESULT	VALIDATION QUALIFIER
Hexachlorobenzene	ug/L	-/-	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR
Methylene Chloride	ug/L	-/-	5.0	U (B)
Naphthalene	ug/L	-/-	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ND < 0.27	U
trans-1,3-Dichloropropene	ug/L	-/-	ND < 0.24	U

**OUTFALL 017 COMPOSITE INFLUENT (STP-3)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/11/2005	
			RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	ANR	ANR
Biochemical Oxygen Demand (BOD 5 day)	mg/L	-/-	24	--
Chloride	mg/L	-/-	ANR	ANR
Dissolved Oxygen	mg/L	-/-	ANR	ANR
Surfactants (MBAS)	mg/L	-/-	ANR	ANR
Fluoride	mg/L	-/-	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	-/-	ANR	ANR
Nitrite-N as Nitrogen	mg/L	-/-	ANR	ANR
Oil & Grease	mg/L	-/-	ANR	ANR
Perchlorate	ug/L	-/-	ANR	ANR
pH (Field)	pH Units	6.5-8.5/-	ANR	ANR
Total Settleable Solids	ml/L	-/-	ANR	ANR
Sulfate	mg/L	-/-	ANR	ANR
Temperature	deg. F	86/-	ANR	ANR
Total Cyanide	ug/L	-/-	ND < 17	UJ (*2)
Total Dissolved Solids	mg/L	-/-	ANR	ANR
Total Residual Chlorine	mg/L	-/-	ANR	ANR
Total Suspended Solids	mg/L	-/-	28	--
Turbidity	NTU	-/-	ANR	ANR
Volume Discharged	MGD	-/-	0.013	ANR
<b>METALS</b>				
Antimony	ug/L	-/-	ND < 4.2	U
Arsenic	ug/L	-/-	ND < 0.0038	U
Barium	mg/L	-/-	ANR	ANR
Beryllium	ug/L	-/-	ND < 0.00062	U
Boron	mg/L	-/-	ANR	ANR
Cadmium	ug/L	-/-	0.00060	J (DNQ)
Chromium	ug/L	-/-	0.30	--
Copper	ug/L	-/-	0.015	--
Lead	ug/L	-/-	0.0029	J (DNQ)
Mercury	ug/L	-/-	ND < 0.063	U
Nickel	ug/L	-/-	0.22	--
Selenium	ug/L	-/-	ND < 0.0046	U
Silver	ug/L	-/-	ND < 0.0013	UJ (B,*3)
Thallium	ug/L	-/-	0.0052	--
Zinc	ug/L	-/-	0.13	--
<b>ORGANICS</b>				
Benzene	ug/L	-/-	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR
1,4-Dioxane	ug/L	-/-	ANR	ANR

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

**OUTFALL 017 COMPOSITE INFLUENT (STP-3)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/11/2005	
			RESULT	VALIDATION QUALIFIER
Ethylbenzene	ug/L	-/-	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR
<b>ADDITIONAL ANALYTES</b>				
2,4,5-Trichlorophenol	ug/L	-/-	ND < 3.6	U
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ND < 4.4	U
1,2,3-Trichloropropane	ug/L	-/-	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ND < 4.5	U
1,2-Dichloropropane	ug/L	-/-	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ND < 5.0	U
1,3-Dichlorobenzene	ug/L	-/-	ND < 4.1	U
1,4-Dichlorobenzene	ug/L	-/-	ND < 3.9	U
2,4,6-Trichlorophenol	ug/L	-/-	ND < 4.1	U
2,4-Dichlorophenol	ug/L	-/-	ND < 4.1	U
2,4-Dimethylphenol	ug/L	-/-	ND < 4.4	U
2,4-Dinitrophenol	ug/L	-/-	ND < 5.3	UJ (C)
2,4-Dinitrotoluene	ug/L	-/-	ND < 4.2	U
2,6-Dinitrotoluene	ug/L	-/-	ND < 3.2	U
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ND < 4.0	U
2-Chlorophenol	ug/L	-/-	ND < 4.2	U
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ND < 5.1	UJ (C)
2-Methylnaphthalene	ug/L	-/-	ND < 3.0	U
2-Methylphenol	ug/L	-/-	ND < 3.7	U
2-Nitrophenol	ug/L	-/-	ND < 4.2	U
3,3'-Dichlorobenzidine	ug/L	-/-	ND < 11	U
4,4'-DDD	ug/L	-/-	ND < 0.011	U
4,4'-DDE	ug/L	-/-	ND < 0.017	U
4,4'-DDT	ug/L	-/-	ND < 0.015	UJ (C)
4-Bromophenylphenylether	ug/L	-/-	ND < 4.6	U
4-Chloro-3-methylphenol	ug/L	-/-	ND < 3.5	U
4-Chloroaniline	ug/L	-/-	ND < 6.0	U
4-Chlorophenylphenylether	ug/L	-/-	ND < 3.0	U
4-Nitrophenol	ug/L	-/-	ND < 6.6	U
Acenaphthene	ug/L	-/-	ND < 4.3	U
Acenaphthylene	ug/L	-/-	ND < 3.2	U
Acrolein	ug/L	-/-	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR
Aldrin	ug/L	-/-	ND < 0.029	U

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



**OUTFALL 017 COMPOSITE INFLUENT (STP-3)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/11/2005	
			RESULT	VALIDATION QUALIFIER
alpha-BHC	ug/L	-/-	ND < 0.010	U
Aniline	ug/L	-/-	ND < 2.9	U
Anthracene	ug/L	-/-	ND < 3.2	U
Aroclor-1016	ug/L	-/-	ND < 0.067	U
Aroclor-1221	ug/L	-/-	ND < 0.057	U
Aroclor-1232	ug/L	-/-	ND < 0.13	U
Aroclor-1242	ug/L	-/-	ND < 0.12	U
Aroclor-1248	ug/L	-/-	ND < 0.21	U
Aroclor-1254	ug/L	-/-	ND < 0.16	U
Aroclor-1260	ug/L	-/-	ND < 0.17	U
Benzidine	ug/L	-/-	ND < 5.2	UJ (*5)
Benzo(a)anthracene	ug/L	-/-	ND < 3.7	U
Benzo(a)pyrene	ug/L	-/-	ND < 3.5	U
Benzo(b)fluoranthene	ug/L	-/-	ND < 2.7	U
Benzo(g,h,i)perylene	ug/L	-/-	ND < 5.3	UJ (C)
Benzo(k)fluoranthene	ug/L	-/-	ND < 3.4	U
Benzoic acid	ug/L	-/-	13	J (DNQ)
Benzyl alcohol	ug/L	-/-	ND < 2.5	U
beta-BHC	ug/L	-/-	ND < 0.011	U
bis (2-Chloroethyl) ether	ug/L	-/-	ND < 4.4	U
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ND < 5.2	U
bis(2-Chloroethoxy) methane	ug/L	-/-	ND < 3.9	UJ (C)
bis(2-Chloroisopropyl) ether	ug/L	-/-	ND < 4.6	U
Bromodichloromethane	ug/L	-/-	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ND < 3.5	U
Chlordane	ug/L	-/-	ND < 0.18	U
Chlorobenzene	ug/L	-/-	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR
Chronic Toxicity	TUC	1.0/-	ANR	ANR
Chrysene	ug/L	-/-	ND < 2.8	U
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR
delta-BHC	ug/L	-/-	ND < 0.010	U
Dibenzo(a,h)anthracene	ug/L	-/-	ND < 4.7	U
Dibenzofuran	ug/L	-/-	ND < 2.6	U
Dibromochloromethane	ug/L	-/-	ANR	ANR
Dieldrin	ug/L	-/-	ND < 0.010	U
Diethylphthalate	ug/L	-/-	ND < 3.1	U
Dimethylphthalate	ug/L	-/-	ND < 3.6	U
Di-n-butylphthalate	ug/L	-/-	ND < 2.8	U
Di-n-octylphthalate	ug/L	-/-	ND < 4.7	U
Endosulfan I	ug/L	-/-	ND < 0.015	U
Endosulfan II	ug/L	-/-	ND < 0.037	U

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

**OUTFALL 017 COMPOSITE INFLUENT (STP-3)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/11/2005	
			RESULT	VALIDATION QUALIFIER
Endosulfan sulfate	ug/L	-/-	ND < 0.013	U
Endrin	ug/L	-/-	ND < 0.0082	U
Endrin aldehyde	ug/L	-/-	ND < 0.045	U
Endrin ketone	ug/L	-/-	ND < 0.020	UJ (C)
Fluoranthene	ug/L	-/-	ND < 4.2	U
Fluorene	ug/L	-/-	ND < 3.9	U
Heptachlor	ug/L	-/-	ND < 0.030	U
Heptachlor epoxide	ug/L	-/-	ND < 0.012	U
Hexachlorobenzene	ug/L	-/-	ND < 4.8	U
Hexachlorobutadiene	ug/L	-/-	ND < 4.2	U
Hexachlorocyclopentadiene	ug/L	-/-	ND < 3.4	U
Hexachloroethane	ug/L	-/-	ND < 4.2	U
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ND < 5.4	UJ (C)
Isophorone	ug/L	-/-	ND < 3.7	U
Lindane (gamma-BHC)	ug/L	-/-	ND < 0.0097	U
Methoxychlor	ug/L	-/-	ND < 0.034	UJ (C)
Methylene Chloride	ug/L	-/-	ANR	ANR
m-Nitroaniline	ug/L	-/-	ND < 4.5	U
Naphthalene	ug/L	-/-	ND < 4.5	U
Nitrobenzene	ug/L	-/-	ND < 4.2	U
n-Nitrosodimethylamine	ug/L	-/-	ND < 3.7	U
n-Nitroso-di-n-propylamine	ug/L	-/-	ND < 3.6	U
n-Nitrosodiphenylamine	ug/L	-/-	ND < 4.0	U
o-Nitroaniline	ug/L	-/-	ND < 3.9	U
p-Cresol	ug/L	-/-	ND < 3.8	U
Pentachlorophenol	ug/L	-/-	ND < 4.0	U
Phenanthrene	ug/L	-/-	ND < 3.3	U
Phenol	ug/L	-/-	ND < 4.0	U
p-Nitroaniline	ug/L	-/-	ND < 4.9	U
Pyrene	ug/L	-/-	ND < 3.9	U
Toxaphene	ug/L	-/-	ND < 0.77	U
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR

**OUTFALL 017 COMPOSITE EFFLUENT (STP-3)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY - ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date January 11, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	1.50E-06	5.00E-05	2.80E-05	J (DNQ)	0.01	2.80E-07	ND
1,2,3,4,6,7,8-HpCDF	1.10E-06	5.00E-05	6.30E-06	J (DNQ)	0.01	6.30E-08	ND
1,2,3,4,7,8,9-HpCDF	1.20E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	7.50E-07	5.00E-05	1.20E-06	J (DNQ)	0.1	1.20E-07	ND
1,2,3,4,7,8-HxCDF	6.20E-07	5.00E-05	9.20E-07	J (DNQ)	0.1	9.20E-08	ND
1,2,3,6,7,8-HxCDD	6.00E-07	5.00E-05	1.80E-06	J (DNQ)	0.1	1.80E-07	ND
1,2,3,6,7,8-HxCDF	6.90E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	7.30E-07	1.70E-06	ND	UJ (*10)	0.1	ND	ND
1,2,3,7,8,9-HxCDF	7.60E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	7.60E-07	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.00E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	5.40E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	9.10E-07	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	8.00E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	6.90E-07	1.00E-05	ND	U	0.1	ND	ND
OCDD	2.30E-06	1.00E-04	2.50E-04	--	0.0001	2.50E-08	2.50E-08
OCDF	1.50E-06	1.00E-04	1.60E-05	UJ (B)	0.0001	ND	ND

TCDD TEQ w/ DNQ Values	7.60E-07
TCDD TEQ w/out DNQ Values	2.50E-08

Dioxin TCDD TEQ compliance limit established for this outfall? **No** TCDD TEQ PERMIT LIMIT = NA

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

**OUTFALL 017 COMPOSITE INFLUENT (STP-3)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY - ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

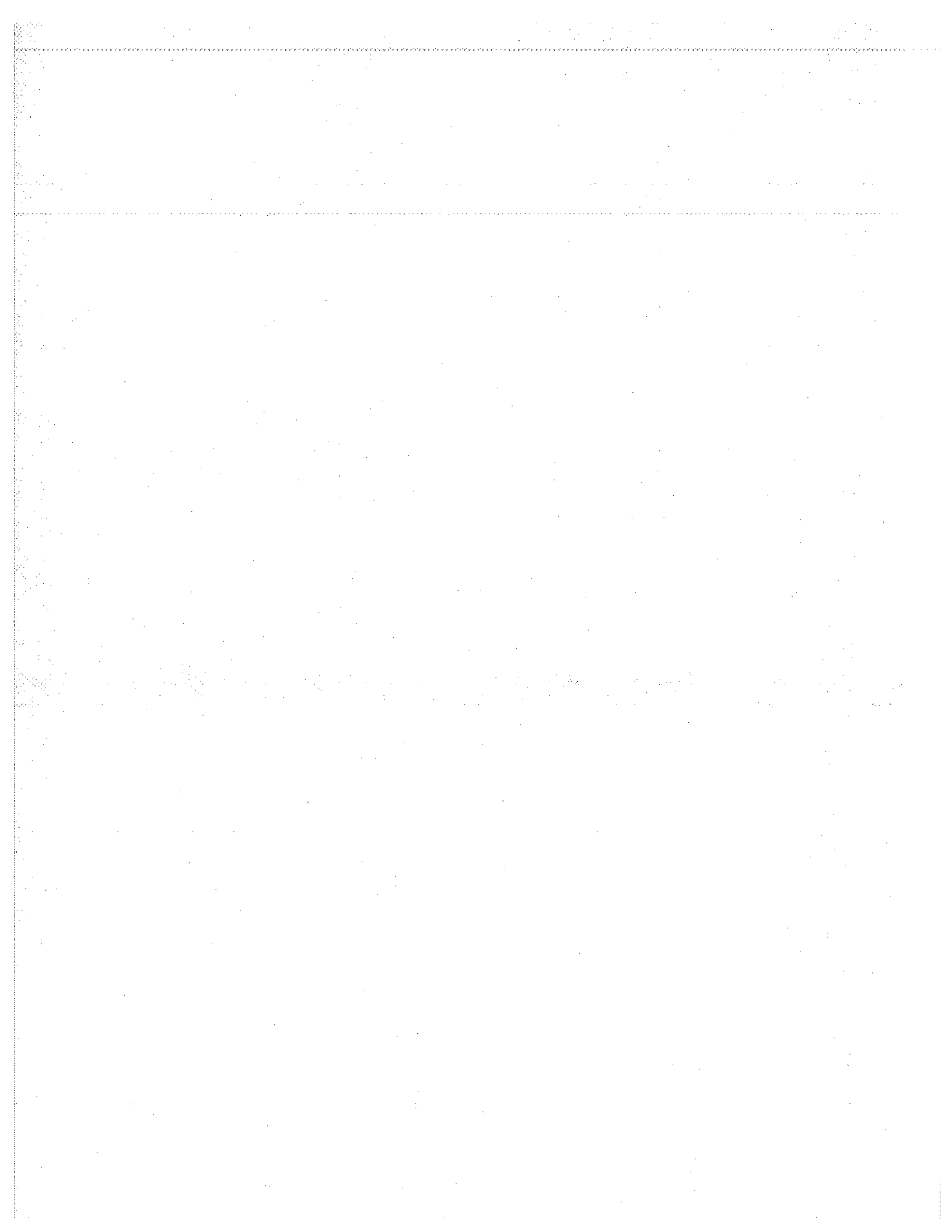
Sample Date January 11, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	1.80E-06	5.00E-05	2.20E-05	J (DNQ)	0.01	2.20E-07	ND
1,2,3,4,6,7,8-HpCDF	1.20E-06	5.00E-05	4.70E-06	J (DNQ)	0.01	4.70E-08	ND
1,2,3,4,7,8,9-HpCDF	1.60E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	9.50E-07	1.10E-06	ND	UJ (*10)	0.1	ND	ND
1,2,3,4,7,8-HxCDF	6.40E-07	5.00E-05	1.70E-06	J (DNQ)	0.1	1.70E-07	ND
1,2,3,6,7,8-HxCDD	7.40E-07	5.00E-05	1.90E-06	J (DNQ)	0.1	1.90E-07	ND
1,2,3,6,7,8-HxCDF	7.00E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	7.50E-07	1.70E-06	ND	UJ (*10)	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.00E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.20E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	8.10E-07	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	6.00E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	7.40E-07	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	6.00E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	8.80E-07	1.00E-05	ND	U	0.1	ND	ND
OCDD	3.70E-06	1.00E-04	1.90E-04	--	0.0001	1.90E-08	1.90E-08
OCDF	2.00E-06	1.00E-04	1.10E-05	UJ (B)	0.0001	ND	ND

<b>TCDD TEQ w/ DNQ Values</b>	<b>6.46E-07</b>	<b>1.90E-08</b>
<b>TCDD TEQ w/out DNQ Values</b>		

Dioxin TCDD TEQ compliance limit established for this outfall? **No** TCDD TEQ PERMIT LIMIT = NA

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



**OUTFALL 018 (R-2 Spillway)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/4/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	ND < 0.30	U	ND < 0.30	U
Biochemical Oxygen Demand (BOD 5 day)	mg/L	-/-	1.5	J (DNQ)	1.1	J (DNQ)
Chloride	mg/L	-/-	8.4	--	6.0	--
Specific Conductivity (Lab)	umhos/cm	-/-	210	--	160	--
Surfactants (MBAS)	mg/L	-/-	ND < 4.4	U	ND < 0.044	U
Fluoride	mg/L	-/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	-/-	1.1	--	0.76	--
Oil & Grease	mg/L	-/-	1.1	J (DNQ)	17	(\$)
Perchlorate	ug/L	-/-	5.8	J (R)	ND < 0.80	U
pH (Field)	pH units	6.5-8.5/-	6.60	*	7.0	*
Total Settleable Solids	ml/L	-/-	ND < 0.10	U	ND < 0.10	U
Sulfate	mg/L	-/-	25	--	14	--
Temperature	deg. F	86/-	49.5	*	55.9	*
Total Cyanide	ug/L	-/-	ND < 2.2	U	ND < 2.2	U
Total Dissolved Solids	mg/L	-/-	170	--	140	--
Total Organic Carbon	mg/L	-/-	ANR	ANR	ANR	ANR
Total Residual Chlorine	mg/L	-/-	ANR	ANR	ANR	ANR
Total Suspended Solids	mg/L	-/-	ND < 10	U	ND < 10	U
Turbidity	NTU	-/-	14	--	19	--
Volume Discharged	MGD	-/-	1.23	*	2.42	*
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	-/-	ANR	ANR	ANR	ANR
Gross Beta	pCi/L	-/-	ANR	ANR	ANR	ANR
Strontium-90	pCi/L	-/-	ANR	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	-/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	-/-	ANR	ANR	ANR	ANR
<b>METALS</b>						
Antimony	ug/L	-/-	ANR	ANR	ANR	ANR
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR
Barium	mg/L	-/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR
Boron	mg/L	-/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	-/-	ANR	ANR	ANR	ANR
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR
Chromium VI	ug/L	-/-	ANR	ANR	ANR	ANR
Cobalt	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	-/-	3.8	--	3.5	--
Iron	mg/L	-/-	ANR	ANR	ANR	ANR
Lead	ug/L	-/-	0.65	J (DNQ)	0.82	J (DNQ)
Manganese	ug/L	-/-	ANR	ANR	ANR	ANR
Mercury	ug/L	-/-	0.16	J (DNQ)	0.16	J (DNQ)
Nickel	ug/L	-/-	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 018 (R-2 Spillway)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/4/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Thallium	ug/L	-/-	ANR	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Chloroform	ug/L	-/-	ND < 0.33	U	ND < 0.33	U
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	U	ND < 0.27	U
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
1,1-Dichloroethene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
1,4-Dioxane	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ND < 0.25	U	ND < 0.25	U
Tetrachloroethene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
Toluene	ug/L	-/-	ND < 0.36	U	ND < 0.36	U
Xylenes (Total)	ug/L	-/-	ND < 0.52	U	ND < 0.52	U
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
Trichloroethene	ug/L	-/-	0.32	J (DNQ)	ND < 0.26	U
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	U	ND < 0.34	U
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl Chloride	ug/L	-/-	ND < 0.26	U	ND < 0.26	U
<b>TPH</b>						
EFH (C13 - C22)	ug/L	-/-	ANR	ANR	ANR	ANR
GRO (C4 - C12)	ug/L	-/-	ANR	ANR	ANR	ANR
TRPH	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ND < 0.10	U	ND < 4.1	UJ (S)
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ND < 0.23	U	ND < 4.2	UJ (S)
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 018 (R-2 Spillway)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/4/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ND < 0.00049	U	ND < 0.00049	UJ (S)
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ND < 1.1	U	ND < 5.2	UJ (S)
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chronic Toxicity	TUC	1.0/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
Cyclohexane	ug/L	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR

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



**OUTFALL 018 (R-2 Spillway)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/4/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ND < 0.22	U	ND < 3.7	UI (S)
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ND < 0.78	U	ND < 4.0	UI (S)
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR

**OUTFALL 018 (R-2 Spillway)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**February 1 through February 28, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	ND < 0.30	U	ND < 0.30	U
Biochemical Oxygen Demand (BOD 5 day)	mg/L	-/-	2.8	--	2.7	--
Chloride	mg/L	-/-	6.2	--	8.3	--
Specific Conductivity (Lab)	umhos/cm	-/-	140	--	200	--
Surfactants (MBAS)	mg/L	-/-	0.088	J (DNQ)	ND < 0.088	U
Fluoride	mg/L	-/-	ANR	ANR	0.20	J (DNQ)
Nitrate + Nitrite as Nitrogen (N)	mg/L	-/-	0.29	--	0.22	--
Oil & Grease	mg/L	-/-	ND < 0.94	U	ND < 0.94	U
Perchlorate	ug/L	-/-	ND < 0.80	U	ND < 0.80	U
pH (Field)	pH units	6.5-8.5/-	6.8	*	7.34	*
Total Settleable Solids	ml/L	-/-	ND < 0.10	U	0.10	--
Sulfate	mg/L	-/-	20	--	25	--
Temperature	deg. F	86/-	56.1	*	55.9	*
Total Cyanide	ug/L	-/-	ND < 2.2	U	ND < 3.9	UJ (\$,B)
Total Dissolved Solids	mg/L	-/-	110	--	150	--
Total Organic Carbon	mg/L	-/-	ANR	ANR	9.1	--
Total Residual Chlorine	mg/L	-/-	ANR	ANR	ND < 0.10	U
Total Suspended Solids	mg/L	-/-	230	--	33	--
Turbidity	NTU	-/-	100	--	50	--
Volume Discharged	MGD	-/-	7.48	*	24.79	*
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	-/-	ANR	ANR	1.82 /±1.0	J (R)
Gross Beta	pCi/L	-/-	ANR	ANR	3.97 /±1.3	--
Strontium-90	pCi/L	-/-	ANR	ANR	-0.052 /±0.21	U
Total Combined Radium-226 & Radium 228	pCi/L	-/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	-/-	ANR	ANR	-31.5 /±150	U
<b>METALS</b>						
Antimony	ug/L	-/-	ANR	ANR	0.95	UJ (\$,B)
Arsenic	ug/L	-/-	ANR	ANR	ND < 3.8	U
Barium	mg/L	-/-	ANR	ANR	0.031	--
Beryllium	ug/L	-/-	ANR	ANR	ND < 0.62	U
Boron	mg/L	-/-	ANR	ANR	0.050	--
Cadmium	ug/L	-/-	ANR	ANR	0.18	J (DNQ)
Chromium	ug/L	-/-	ANR	ANR	3.3	J (DNQ)
Chromium VI	ug/L	-/-	ANR	ANR	ANR	ANR
Cobalt	ug/L	-/-	ANR	ANR	1.0	J (DNQ)
Copper	ug/L	-/-	8.9	--	3.6	--
Iron	mg/L	-/-	ANR	ANR	2.6	--
Lead	ug/L	-/-	6.0	--	2.0	--
Manganese	ug/L	-/-	ANR	ANR	93	--
Mercury	ug/L	-/-	0.15	J (DNQ)	0.15	J (DNQ)
Nickel	ug/L	-/-	ANR	ANR	3.1	J (DNQ)
Selenium	ug/L	-/-	ANR	ANR	ND < 0.36	U
Silver	ug/L	-/-	ANR	ANR	0.14	J (DNQ)

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

**OUTFALL 018 (R-2 Spillway)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Thallium	ug/L	-/-	ANR	ANR	0.16	UJ (\$,B)
Vanadium	ug/L	-/-	ANR	ANR	5.9	J (DNQ)
Zinc	ug/L	-/-	ANR	ANR	31	--
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Chloroform	ug/L	-/-	ND < 0.33	U	ND < 0.33	U
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	U	ND < 0.27	U
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
1,1-Dichloroethene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
1,4-Dioxane	ug/L	-/-	ANR	ANR	ND < 0.49	U
Ethylbenzene	ug/L	-/-	ND < 0.25	*	ND < 0.25	U
Tetrachloroethene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
Toluene	ug/L	-/-	ND < 0.36	U	ND < 0.36	U
Xylenes (Total)	ug/L	-/-	ND < 0.52	U	ND < 0.52	U
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	UJ (C)
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
Trichloroethene	ug/L	-/-	ND < 0.26	U	ND < 0.26	U
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	U	ND < 0.34	U
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR	ND < 1.2	U
Vinyl Chloride	ug/L	-/-	ND < 0.26	U	ND < 0.26	U
<b>TPH</b>						
EFH (C13 - C22)	ug/L	-/-	ANR	ANR	ND < 0.082	U
GRO (C4 - C12)	ug/L	-/-	ANR	ANR	ND < 0.050	U
TRPH	ug/L	-/-	ANR	ANR	ND < 0.31	U
<b>ADDITIONAL ANALYTES</b>						
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ANR	ANR	ND < 2.5	UJ (*11)
2,4,5-Trichlorophenol	ug/L	-/-	ANR	ANR	ND < 0.075	U
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ND < 0.24	U
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.10	U
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.32	U
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.11	U
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ND < 0.35	U
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ND < 0.087	U
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.35	U
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.13	U
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.37	U
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.050	U
2,4,6-Trichlorophenol	ug/L	-/-	ND < 0.10	U	ND < 0.10	U
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ND < 0.21	U
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ND < 0.31	U
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ND < 2.7	UJ (C)
2,4-Dinitrotoluene	ug/L	-/-	ND < 0.23	U	ND < 0.23	U
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ND < 0.24	U
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ND < 1.3	U

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

**OUTFALL 018 (R-2 Spillway)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ND < 0.059	U
2-Chlorophenol	ug/L	-/-	ANR	ANR	ND < 0.12	U
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ND < 0.38	U
2-Methylnaphthalene	ug/L	-/-	ANR	ANR	ND < 0.13	U
2-Methylphenol	ug/L	-/-	ANR	ANR	ND < 0.28	U
2-Nitrophenol	ug/L	-/-	ANR	ANR	ND < 0.23	U
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ND < 0.93	U
4,4'-DDD	ug/L	-/-	ANR	ANR	ND < 0.015	U
4,4'-DDE	ug/L	-/-	ANR	ANR	ND < 0.020	U
4,4'-DDT	ug/L	-/-	ANR	ANR	ND < 0.030	U
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ND < 0.12	U
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ND < 0.34	U
4-Chloroaniline	ug/L	-/-	ANR	ANR	ND < 0.20	U
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ND < 0.056	U
4-Nitrophenol	ug/L	-/-	ANR	ANR	ND < 0.73	UJ (C)
Acenaphthene	ug/L	-/-	ANR	ANR	ND < 0.10	U
Acenaphthylene	ug/L	-/-	ANR	ANR	ND < 0.10	U
Acrolein	ug/L	-/-	ANR	ANR	ND < 4.6	R (R)
Acrylonitrile	ug/L	-/-	ANR	ANR	ND < 5.1	U
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR	100	*
Aldrin	ug/L	-/-	ANR	ANR	ND < 0.030	U
alpha-BHC	ug/L	-/-	ND < 0.0010	U	ND < 0.00049	U
Aniline	ug/L	-/-	ANR	ANR	ND < 2.9	UJ (*5)
Anthracene	ug/L	-/-	ANR	ANR	ND < 0.083	U
Aroclor-1016	ug/L	-/-	ANR	ANR	ND < 0.20	U
Aroclor-1221	ug/L	-/-	ANR	ANR	ND < 0.10	U
Aroclor-1232	ug/L	-/-	ANR	ANR	ND < 0.15	U
Aroclor-1242	ug/L	-/-	ANR	ANR	ND < 0.15	U
Aroclor-1248	ug/L	-/-	ANR	ANR	ND < 0.25	U
Aroclor-1254	ug/L	-/-	ANR	ANR	ND < 0.25	U
Aroclor-1260	ug/L	-/-	ANR	ANR	ND < 0.40	U
Benizidine	ug/L	-/-	ANR	ANR	ND < 2.4	R (L)
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ND < 0.038	U
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ND < 0.14	U
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ND < 0.050	U
Benzo(g,h)Dperylene	ug/L	-/-	ANR	ANR	ND < 0.059	U
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ND < 0.053	U
Benzoic acid	ug/L	-/-	ANR	ANR	ND < 3.7	UJ (*5,C)
Benzyl alcohol	ug/L	-/-	ANR	ANR	ND < 0.21	U
beta-BHC	ug/L	-/-	ANR	ANR	ND < 0.015	U
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ND < 0.084	U
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ND < 1.1	U	ND < 1.1	U
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ND < 0.072	U
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ND < 0.11	U
Bromodichloromethane	ug/L	-/-	ANR	ANR	ND < 0.30	U

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

**OUTFALL 018 (R-2 Spillway)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Bromoform	ug/L	-/-	ANR	ANR	ND < 0.32	U
Bromomethane	ug/L	-/-	ANR	ANR	ND < 0.34	U
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ND < 0.34	U
Chlordane	ug/L	-/-	ANR	ANR	ND < 0.20	U
Chlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.36	U
Chloroethane	ug/L	-/-	ANR	ANR	ND < 0.33	U
Chloromethane	ug/L	-/-	ANR	ANR	ND < 0.30	U
Chronic Toxicity	TUC	1.0/-	ANR	ANR	1.0	*
Chrysene	ug/L	-/-	ANR	ANR	ND < 0.072	U
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ND < 0.22	U
Cyclohexane	ug/l	-/-	ANR	ANR	ND < 2.5	UJ (*11)
delta-BHC	ug/L	-/-	ANR	ANR	ND < 0.020	U
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ND < 0.083	U
Dibenzofuran	ug/L	-/-	ANR	ANR	ND < 0.075	U
Dibromochloromethane	ug/L	-/-	ANR	ANR	ND < 0.28	U
Dieldrin	ug/L	-/-	ANR	ANR	ND < 0.015	U
Diethylphthalate	ug/L	-/-	ANR	ANR	ND < 0.12	U
Dimethylphthalate	ug/L	-/-	ANR	ANR	ND < 0.081	U
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ND < 0.26	U
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ND < 0.17	U
Endosulfan I	ug/L	-/-	ANR	ANR	ND < 0.015	U
Endosulfan II	ug/L	-/-	ANR	ANR	ND < 0.040	U
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ND < 0.015	U
Endrin	ug/L	-/-	ANR	ANR	ND < 0.015	UJ (C)
Endrin aldehyde	ug/L	-/-	ANR	ANR	ND < 0.045	U
Endrin ketone	ug/L	-/-	ANR	ANR	ND < 0.020	U
Fluoranthene	ug/L	-/-	ANR	ANR	ND < 0.089	U
Fluorene	ug/L	-/-	ANR	ANR	ND < 0.075	U
Heptachlor	ug/L	-/-	ANR	ANR	ND < 0.030	UJ (C)
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ND < 0.020	U
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.13	U
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ND < 0.38	U
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ND < 1.8	U
Hexachloroethane	ug/L	-/-	ANR	ANR	ND < 0.51	U
Hydrazine	ug/L	-/-	ANR	ANR	ND < 0.39	UJ (H)
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ND < 0.19	U
Isophorone	ug/L	-/-	ANR	ANR	ND < 0.059	U
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ND < 0.015	U
Methoxychlor	ug/L	-/-	ANR	ANR	ND < 0.035	U
Methylene Chloride	ug/L	-/-	ANR	ANR	ND < 0.48	U (T)
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR	ND < 1.2	UJ (H)
m-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 0.35	U
Naphthalene	ug/L	-/-	ANR	ANR	ND < 0.13	U
Nitrobenzene	ug/L	-/-	ANR	ANR	ND < 0.10	U
n-Nitrosodimethylamine	ug/L	-/-	ND < 0.22	UJ (C, *5)	ND < 0.22	UJ (*5)

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

**OUTFALL 018 (R-2 Spillway)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ND < 0.18	U
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ND < 0.077	U
o-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 0.18	U
p-Cresol	ug/L	-/-	ANR	ANR	ND < 0.20	U
Pentachlorophenol	ug/L	-/-	ND < 0.78	U	ND < 0.78	U
Phenanthrene	ug/L	-/-	ANR	ANR	ND < 0.071	U
Phenol	ug/L	-/-	ANR	ANR	ND < 0.14	U
p-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 0.49	UJ (C)
Pyrene	ug/L	-/-	ANR	ANR	ND < 0.059	U
Toxaphene	ug/L	-/-	ANR	ANR	ND < 1.5	U
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ND < 0.27	U
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ND < 0.24	U
Unsymmetrical Dimethyl Hydrazine	ug/L	-/-	ANR	ANR	ND < 0.27	UJ (H)

**OUTFALL 018 (R-2 Spillway)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
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February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/26/2005	
			RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	2.5	--
Biochemical Oxygen Demand (BOD 5 day)	mg/L	-/-	0.94	J (DNQ)
Chloride	mg/L	-/-	11	--
Specific Conductivity (Lab)	umhos/cm	-/-	290	--
Surfactants (MBAS)	mg/L	-/-	ND < 0.044	U
Fluoride	mg/L	-/-	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	-/-	0.47	--
Oil & Grease	mg/L	-/-	1.1	J (DNQ)
Perchlorate	ug/L	-/-	ND < 0.80	UI (R)
pH (Field)	pH units	6.5-8.5/-	6.9	*
Total Settleable Solids	ml/L	-/-	ND < 0.10	U
Sulfate	mg/L	-/-	32	--
Temperature	deg. F	86/-	55.2	*
Total Cyanide	ug/L	-/-	3.5	J (DNQ)
Total Dissolved Solids	mg/L	-/-	190	--
Total Organic Carbon	mg/L	-/-	ANR	ANR
Total Residual Chlorine	mg/L	-/-	ANR	ANR
Total Suspended Solids	mg/L	-/-	ND < 10	U
Turbidity	NTU	-/-	8.4	--
Volume Discharged	MGD	-/-	1.11	ANR
<b>RADIOACTIVITY</b>				
Gross Alpha	pCi/L	-/-	ANR	ANR
Gross Beta	pCi/L	-/-	ANR	ANR
Strontium-90	pCi/L	-/-	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	-/-	ANR	ANR
Tritium	pCi/L	-/-	ANR	ANR
<b>METALS</b>				
Antimony	ug/L	-/-	ANR	ANR
Arsenic	ug/L	-/-	ANR	ANR
Barium	mg/L	-/-	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR
Boron	mg/L	-/-	ANR	ANR
Cadmium	ug/L	-/-	ANR	ANR
Chromium	ug/L	-/-	ANR	ANR
Chromium VI	ug/L	-/-	ANR	ANR
Cobalt	ug/L	-/-	ANR	ANR
Copper	ug/L	-/-	4.7	--
Iron	mg/L	-/-	ANR	ANR
Lead	ug/L	-/-	0.57	J (DNQ)
Manganese	ug/L	-/-	ANR	ANR
Mercury	ug/L	-/-	ND < 0.063	U
Nickel	ug/L	-/-	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR
Silver	ug/L	-/-	ANR	ANR

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

**OUTFALL 018 (R-2 Spillway)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**February 1 through February 28, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/26/2005	
			RESULT	VALIDATION QUALIFIER
Thallium	ug/L	-/-	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR
<b>ORGANICS</b>				
Benzene	ug/L	-/-	ND < 0.28	U
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U
Chloroform	ug/L	-/-	ND < 0.33	U
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	U
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	U
1,1-Dichloroethene	ug/L	-/-	ND < 0.32	U
1,4-Dioxane	ug/L	-/-	ANR	ANR
Ethylbenzene	ug/L	-/-	ND < 0.25	U
Tetrachloroethene	ug/L	-/-	ND < 0.32	U
Toluene	ug/L	-/-	ND < 0.36	U
Xylenes (Total)	ug/L	-/-	ND < 0.52	U
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U
Trichloroethene	ug/L	-/-	0.70	J (DNQ)
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	U
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR
Vinyl Chloride	ug/L	-/-	ND < 0.26	U
<b>TPH</b>				
EFH (C13 - C22)	ug/L	-/-	ANR	ANR
GRO (C4 - C12)	ug/L	-/-	ANR	ANR
TRPH	ug/L	-/-	ANR	ANR
<b>ADDITIONAL ANALYTES</b>				
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ANR	ANR
2,4,5-Trichlorophenol	ug/L	-/-	ANR	ANR
1,1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ND < 0.10	U
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ND < 0.23	U
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR

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



**OUTFALL 018 (R-2 Spillway)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**February 1 through February 28, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/26/2005	
			RESULT	VALIDATION QUALIFIER
2-Chloronaphthalene	ug/L	-/-	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR
2-Methylnaphthalene	ug/L	-/-	ANR	ANR
2-Methylphenol	ug/L	-/-	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR
4-Chloroaniline	ug/L	-/-	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR
Acenaphthylene	ug/L	-/-	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR
alpha-BHC	ug/L	-/-	ND < 0.0010	U
Aniline	ug/L	-/-	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR
Benzoic acid	ug/L	-/-	ANR	ANR
Benzyl alcohol	ug/L	-/-	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ND < 1.1	U
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR

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

**OUTFALL 018 (R-2 Spillway)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**February 1 through February 28, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/26/2005	
			RESULT	VALIDATION QUALIFIER
Bromoform	ug/L	-/-	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR
Chronic Toxicity	TUC	1.0/-	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR
Cyclohexane	ug/l	-/-	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR
Dibenzofuran	ug/L	-/-	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR
Endrin ketone	ug/L	-/-	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR
Hexachloroethane	ug/l	-/-	ANR	ANR
Hydrazine	ug/L	-/-	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR
Methoxychlor	ug/L	-/-	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR
m-Nitroaniline	ug/L	-/-	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ND < 0.22	U

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

**OUTFALL 018 (R-2 Spillway)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/26/2005	
			RESULT	VALIDATION QUALIFIER
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR
o-Nitroaniline	ug/L	-/-	ANR	ANR
p-Cresol	ug/L	-/-	ANR	ANR
Pentachlorophenol	ug/L	-/-	ND < 0.78	U
Phenanthrene	ug/L	-/-	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR
p-Nitroaniline	ug/L	-/-	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR
Unsymmetrical Dimethyl Hydrazine	ug/L	-/-	ANR	ANR

**OUTFALL 018 (R-2 Spillway)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/10/2005		3/23/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	1.4	--	ND < 0.30	U
Biochemical Oxygen Demand (BOD 5 day)	mg/L	-/-	3.6	--	2.5	--
Chloride	mg/L	-/-	24	--	13	--
Specific Conductivity (Lab)	umhos/cm	-/-	470	--	290	--
Surfactants (MBAS)	mg/L	-/-	0.079	J (DNQ)	0.053	J (DNQ)
Fluoride	mg/L	-/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	-/-	ND < 0.075	U	0.26	UJ (B)
Oil & Grease	mg/L	-/-	ND < 0.94	U	ND < 0.94	U
Perchlorate	ug/L	-/-	ND < 0.80	U	ND < 0.80	U
pH (Field)	pH units	6.5-8.5/-	7.5	*	6.8	*
Total Settleable Solids	ml/L	-/-	ND < 0.10	U	ND < 0.10	U
Sulfate	mg/L	-/-	66	--	35	--
Temperature	deg. F	86/-	65.1	*	58.1	*
Total Cyanide	ug/L	-/-	ND < 3.6	UJ (B,\$)	ND < 2.2	UJ (B)
Total Dissolved Solids	mg/L	-/-	310	--	290	--
Total Organic Carbon	mg/L	-/-	ANR	ANR	ANR	ANR
Total Residual Chlorine	mg/L	-/-	ANR	ANR	ANR	ANR
Total Suspended Solids	mg/L	-/-	ND < 10	U	59	--
Turbidity	NTU	-/-	9.4	--	64	--
Volume Discharged	MGD	-/-	1.22	*	1.33	*
<b>RADIOACTIVITY</b>						
Gross Alpha	pCi/L	-/-	ANR	ANR	ANR	ANR
Gross Beta	pCi/L	-/-	ANR	ANR	ANR	ANR
Strontium-90	pCi/L	-/-	ANR	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228	pCi/L	-/-	ANR	ANR	ANR	ANR
Tritium	pCi/L	-/-	ANR	ANR	ANR	ANR
<b>METALS</b>						
Antimony	ug/L	-/-	ANR	ANR	ANR	ANR
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR
Barium	mg/L	-/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR
Boron	mg/L	-/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	-/-	ANR	ANR	ANR	ANR
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR
Chromium VI	ug/L	-/-	ANR	ANR	ANR	ANR
Cobalt	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	-/-	3.5	--	4.7	--
Iron	mg/L	-/-	ANR	ANR	ANR	ANR
Lead	ug/L	-/-	0.74	J (DNQ)	2.9	--
Manganese	ug/L	-/-	ANR	ANR	ANR	ANR
Mercury	ug/L	-/-	ND < 0.063	U	ND < 0.063	U
Nickel	ug/L	-/-	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 018 (R-2 Spillway)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**March 1 through March 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/10/2005		3/23/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Thallium	ug/L	-/-	ANR	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ND < 0.28	UJ (*1)	ND < 0.28	U
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	UJ (*1)	ND < 0.28	U
Chloroform	ug/L	-/-	ND < 0.33	UJ (*1)	ND < 0.33	U
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	UJ (*1)	ND < 0.27	U
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	UJ (*1)	ND < 0.28	U
1,1-Dichloroethene	ug/L	-/-	ND < 0.32	UJ (*1)	ND < 0.32	U
1,4-Dioxane	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ND < 0.25	UJ (*1)	ND < 0.25	U
Tetrachloroethene	ug/L	-/-	ND < 0.32	UJ (*1)	ND < 0.32	U
Toluene	ug/L	-/-	ND < 0.36	UJ (*1)	ND < 0.36	U
Xylenes (Total)	ug/L	-/-	ND < 0.52	UJ (*1)	ND < 0.52	U
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	UJ (*1)	ND < 0.30	U
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	UJ (*1)	ND < 0.30	U
Trichloroethene	ug/L	-/-	0.43	J (DNQ,*1)	ND < 0.26	U
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	UJ (*1)	ND < 0.34	U
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl Chloride	ug/L	-/-	ND < 0.26	UJ (*1)	ND < 0.26	U
<b>TPH</b>						
EFH (C13 - C22)	ug/L	-/-	ANR	ANR	ANR	ANR
GRO (C4 - C12)	ug/L	-/-	ANR	ANR	ANR	ANR
TRPH	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ND < 0.10	U	ND < 0.10	U
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ND < 0.23	U	ND < 0.23	UJ (C)
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 018 (R-2 Spillway)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/10/2005		3/23/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ND < 0.0010	U	ND < 0.0010	U
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	2.2	J (DNQ)	ND < 1.1	U
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chronic Toxicity	TUC	1.0/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
Cyclohexane	ug/l	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR

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

**OUTFALL 018 (R-2 Spillway)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**March 1 through March 31, 2005**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/10/2005		3/23/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ND < 0.22	U	ND < 0.22	U
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ND < 0.78	U	ND < 0.78	U
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR

OUTFALL 018 (R-2 Spillway)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY - ROCKEYDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date January 4, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	1.80E-06	5.00E-05	9.00E-06	UJ (B)	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	1.60E-06	2.30E-06	ND	UJ (*10)	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	1.90E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.50E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	1.40E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.60E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	1.10E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.80E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.60E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	2.20E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.70E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	1.20E-06	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	2.10E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	2.70E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	2.60E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	2.70E-06	1.00E-04	1.10E-04	UJ (B)	0.0001	ND	ND
OCDF	2.40E-06	1.00E-04	1.20E-05	UJ (B)	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? No TCDD TEQ PERMIT LIMIT = NA

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



**OUTFALL 018 (R-2 Spillway)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY - ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date January 11, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)	
1,2,3,4,6,7,8-HpCDD	1.90E-06	5.00E-05	1.20E-05	UJ (B)	0.01	ND	ND	
1,2,3,4,6,7,8-HpCDF	8.40E-07	2.20E-06	ND	UJ (*10)	0.01	ND	ND	
1,2,3,4,7,8,9-HpCDF	8.00E-07	5.00E-05	ND	U	0.01	ND	ND	
1,2,3,4,7,8-HxCDD	9.10E-07	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,4,7,8-HxCDF	8.10E-07	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,6,7,8-HxCDD	1.10E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,6,7,8-HxCDF	8.50E-07	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8,9-HxCDD	8.10E-07	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8,9-HxCDF	8.90E-07	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8-PeCDD	8.90E-07	5.00E-05	ND	U	1	ND	ND	
1,2,3,7,8-PeCDF	1.20E-06	5.00E-05	ND	U	0.05	ND	ND	
2,3,4,6,7,8-HxCDF	5.90E-07	5.00E-05	ND	U	0.1	ND	ND	
2,3,4,7,8-PeCDF	8.10E-07	5.00E-05	ND	U	0.5	ND	ND	
2,3,7,8-TCDD	1.20E-06	1.00E-05	ND	U	1	ND	ND	
2,3,7,8-TCDF	1.30E-06	1.00E-05	ND	U	0.1	ND	ND	
OCDD	3.00E-06	1.00E-04	1.40E-04		0.0001	1.40E-08	1.40E-08	
OCDF	1.70E-06	1.00E-04	1.00E-05	UJ (B)	0.0001	ND	ND	
<b>TCDD TEQ w/ DNQ Values</b>							<b>1.40E-08</b>	
<b>TCDD TEQ w/out DNQ Values</b>								<b>1.40E-08</b>

Dioxin TCDD TEQ compliance limit established for this outfall? **No** TCDD TEQ PERMIT LIMIT = NA

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

OUTFALL 018 (R-2 Spillway)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY - ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date February 11, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	1.37E-05	5.00E-05	2.07E-04	--	0.01	2.07E-06	2.07E-06
1,2,3,4,6,7,8-HpCDF	1.70E-06	5.00E-05	2.72E-05	J (DNQ)	0.01	2.72E-07	ND
1,2,3,4,7,8,9-HpCDF	2.79E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	3.44E-06	5.00E-05	3.57E-06	J (DNQ)	0.1	3.57E-07	ND
1,2,3,4,7,8-HxCDF	2.31E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	3.30E-06	5.00E-05	8.47E-06	J (DNQ)	0.1	8.47E-07	ND
1,2,3,6,7,8-HxCDF	9.70E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	4.06E-06	5.00E-05	5.27E-06	J (DNQ)	0.1	5.27E-07	ND
1,2,3,7,8,9-HxCDF	1.10E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.62E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.49E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	8.98E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	2.35E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	1.61E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	2.88E-04	1.00E-05	ND	U	0.1	ND	ND
OCDD	5.72E-06	1.00E-04	2.12E-03	--	0.0001	2.12E-07	2.12E-07
OCDF	4.43E-06	1.00E-04	6.71E-05	J (DNQ)	0.0001	6.71E-09	ND

TCDD TEQ w/ DNQ Values	TCDD TEQ w/out DNQ Values
4.29E-06	2.28E-06

Dioxin TCDD TEQ compliance limit established for this outfall? No TCDD TEQ PERMIT LIMIT = NA

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

OUTFALL 018 (R-2 Spillway)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY - ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date February 18, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out-DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	5.00E-05	6.71E-05	--	0.01	6.71E-07	6.71E-07
1,2,3,4,6,7,8-HpCDF	0.00E+00	5.00E-05	1.17E-05	J (DNQ)	0.01	1.17E-07	ND
1,2,3,4,7,8,9-HpCDF	1.96E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	3.59E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	1.61E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	3.51E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	1.51E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	3.53E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	2.48E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	2.31E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	3.14E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	1.63E-06	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	2.59E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	1.58E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	1.80E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	1.00E-04	7.49E-04	--	0.0001	7.49E-08	7.49E-08
OCDF	0.00E+00	1.00E-04	2.71E-05	J (DNQ)	0.0001	2.71E-09	ND

TCDD TEQ w/ DNQ Values	8.66E-07
TCDD TEQ w/out DNQ Values	7.46E-07

Dioxin TCDD TEQ compliance limit established for this outfall? No

TCDD TEQ PERMIT LIMIT = NA

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

**OUTFALL 018 (R-2 Spillway)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY - ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date February 26, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	5.00E-05	1.37E-05	J (DNQ)	0.01	1.37E-07	ND
1,2,3,4,6,7,8-HpCDF	0.00E+00	5.00E-05	2.74E-06	J (DNQ)	0.01	2.74E-08	ND
1,2,3,4,7,8,9-HpCDF	2.07E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	3.47E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	1.37E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	3.48E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	1.26E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	3.47E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	2.11E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.02E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.89E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	1.49E-06	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.64E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	9.58E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	1.30E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	1.00E-04	1.46E-04	--	0.0001	1.46E-08	1.46E-08
OCDF	0.00E+00	1.00E-04	8.35E-06	J (DNQ)	0.0001	8.35E-10	ND

TCDD TEQ w/ DNQ Values	TCDD TEQ w/out DNQ Values
1.80E-07	1.46E-08

Dioxin TCDD TEQ compliance limit established for this outfall? **No**      TCDD TEQ PERMIT LIMIT = NA

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

**OUTFALL 018 (R-2 Spillway)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY - ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date March 10, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)	
1,2,3,4,6,7,8-HpCDD	0.00E+00	5.00E-05	1.20E-05	J (DNQ)	0.01	1.20E-07	ND	
1,2,3,4,6,7,8-HpCDF	0.00E+00	1.46E-06	ND	UJ (*10)	0.01	ND	ND	
1,2,3,4,7,8,9-HpCDF	4.56E-07	5.00E-05	ND	U	0.01	ND	ND	
1,2,3,4,7,8-HxCDD	8.24E-07	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,4,7,8-HxCDF	2.57E-07	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,6,7,8-HxCDD	8.32E-07	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,6,7,8-HxCDF	2.44E-07	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8,9-HxCDD	8.20E-07	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8,9-HxCDF	4.13E-07	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8-PeCDD	6.55E-07	5.00E-05	ND	U	1	ND	ND	
1,2,3,7,8-PeCDF	6.82E-07	5.00E-05	ND	U	0.05	ND	ND	
2,3,4,6,7,8-HxCDF	2.62E-07	5.00E-05	ND	U	0.1	ND	ND	
2,3,4,7,8-PeCDF	5.72E-07	5.00E-05	ND	U	0.5	ND	ND	
2,3,7,8-TCDD	4.98E-07	1.00E-05	ND	U	1	ND	ND	
2,3,7,8-TCDF	0.00E+00	1.00E-05	1.43E-06	J (DNQ,*10)	0.1	1.43E-07	ND	
OCDD	0.00E+00	1.00E-04	1.78E-04	--	0.0001	1.78E-08	1.78E-08	
OCDF	0.00E+00	1.00E-04	3.56E-06	J (DNQ)	0.0001	3.56E-10	ND	
<b>TCDD TEQ w/ DNQ Values</b>							<b>2.81E-07</b>	
<b>TCDD TEQ w/out DNQ Values</b>								<b>1.78E-08</b>

Dioxin TCDD TEQ compliance limit established for this outfall? **No** TCDD TEQ PERMIT LIMIT = NA

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

OUTFALL 018 (R-2 Spillway)

FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY - ROCKEYDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

Sample Date March 23, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	5.00E-05	7.36E-05	--	0.01	7.36E-07	7.36E-07
1,2,3,4,6,7,8-HpCDF	0.00E+00	5.00E-05	1.06E-05	J (DNQ)	0.01	1.06E-07	ND
1,2,3,4,7,8,9-HpCDF	1.43E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	5.56E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	1.25E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	5.65E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	1.13E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	5.59E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	2.25E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.56E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	4.36E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	1.43E-06	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	4.12E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	1.90E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	2.59E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	1.00E-04	9.35E-04	--	0.0001	9.35E-08	9.35E-08
OCDF	0.00E+00	1.00E-04	2.34E-05	J (DNQ)	0.0001	2.34E-09	ND

TCDD TEQ w/ DNQ Values	TCDD TEQ w/out DNQ Values	TCDD TEQ PERMIT LIMIT = NA
9.38E-07	8.30E-07	

Dioxin TCDD TEQ compliance limit established for this outfall? No

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

**OUTFALL 003 (RMHF)**  
**(13267 RESULTS)**  
**FIRST QUARTER 2005 REPORTING SUMMARY**  
**THE BOEING COMPANY-ROCKETDYNE**  
**SANTA SUSANA FIELD LABORATORY**  
**NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/4/2005	
			RESULT	VALIDATION QUALIFIER
<b>RADIOACTIVITY</b>				
Gross Alpha (filtered)	pCi/L	15/-	0.179 /±0.6	UJ (H,*2)
Gross Alpha (unfiltered)	pCi/L	15/-	8.96 /±2.2	J (H,*2)
Gross Beta (filtered)	pCi/L	50/-	4.87 /±1.3	J (H)
Gross Beta (unfiltered)	pCi/L	50/-	10.7 /±1.6	J (H)
Strontium-90 (filtered)	pCi/L	8.0/-	0.822 /±0.33	J (*1)
Strontium-90 (unfiltered)	pCi/L	8.0/-	0.740 /±0.25	--
Total Combined Radium-226 & Radium 228 (filtered)	pCi/L	5.0/-	<b>PENDING</b>	<b>PENDING</b>
Total Combined Radium-226 & Radium 228 (unfiltered)	pCi/L	5.0/-	<b>PENDING</b>	<b>PENDING</b>
Tritium (filtered)	pCi/L	20000/-	-12.7 /±180	UJ (*1)
Tritium (unfiltered)	pCi/L	20000/-	25.3 /±180	UJ (*1)



**OUTFALL 003 (RMHF)  
13267 RESULTS**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

February 1 through February 28, 2005

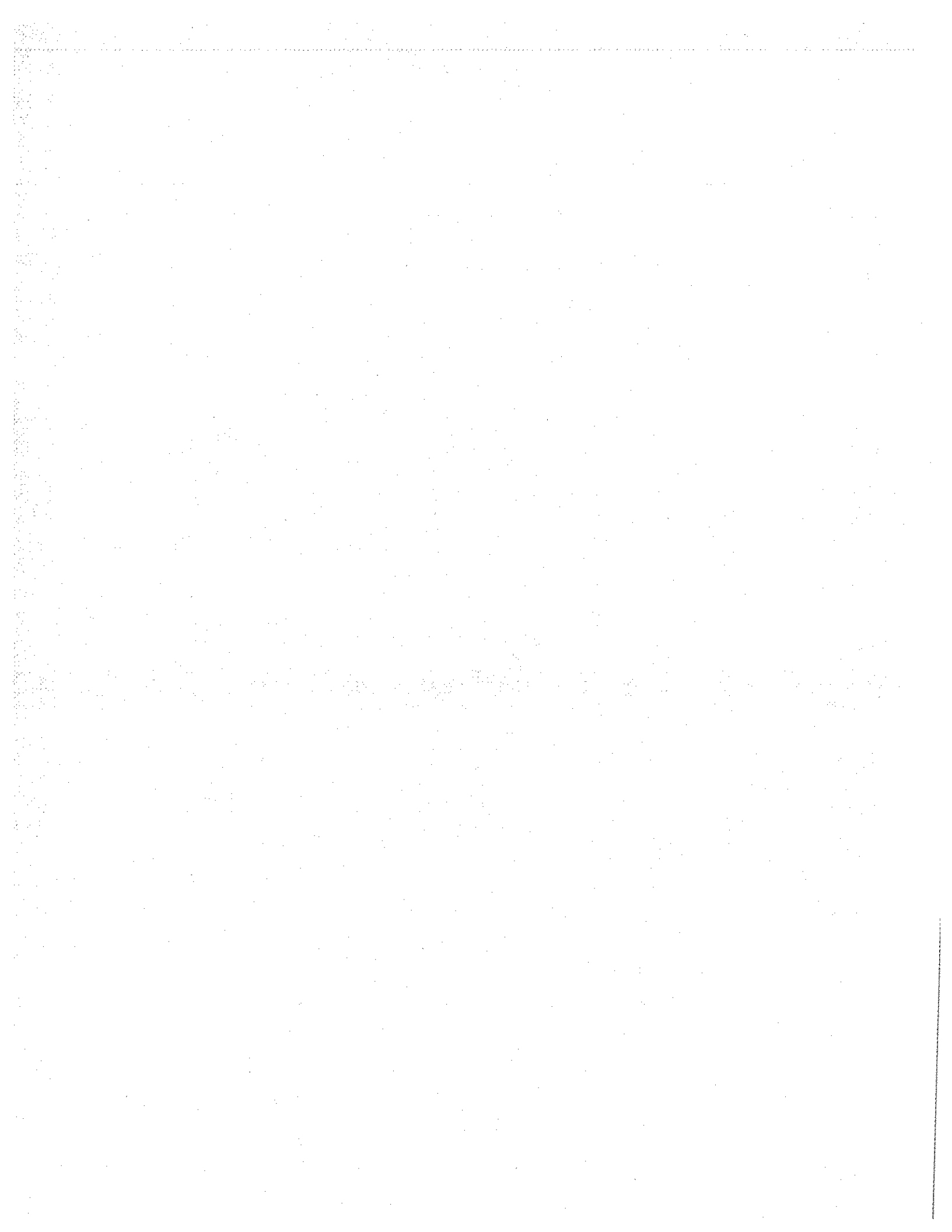
ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/18/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
<b>RADIOACTIVITY</b>						
Gross Alpha (filtered)	pCi/L	15/-	-0.288 /±0.45	UJ (R,Q)	0.904 /±0.74	UJ (R)
Gross Alpha (unfiltered)	pCi/L	15/-	0.240 /±0.58	UJ (R,Q,H)	1.42 /±0.93	UJ (H,R)
Gross Beta (filtered)	pCi/L	50/-	4.44 /±1.3	--	3.32 /±1.2	--
Gross Beta (unfiltered)	pCi/L	50/-	3.53 /±1.2	UJ (H)	3.75 /±1.2	J (H)
Strontium-90 (filtered)	pCi/L	8.0/-	1.04 /±0.31	--	0.901 /±0.24	--
Strontium-90 (unfiltered)	pCi/L	8.0/-	1.10 /±0.34	--	0.892 /±0.22	--
Total Combined Radium-226 & Radium 228 (filtered)	pCi/L	5.0/-	PENDING	PENDING	PENDING	PENDING
Total Combined Radium-226 & Radium 228 (unfiltered)	pCi/L	5.0/-	PENDING	PENDING	PENDING	PENDING
Tritium (filtered)	pCi/L	20000/-	138 /±150	U	-41.9 /±150	U
Tritium (unfiltered)	pCi/L	20000/-	106 /±150	U	-77.0 /±140	U
Cesium 137	pCi/smpl	-/-	<11.6	U	<14.4	U



**OUTFALL 003 (RMHF)  
 (13267 RESULTS)  
 FIRST QUARTER 2005 REPORTING SUMMARY  
 THE BOEING COMPANY-ROCKETDYNE  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309**

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/19/2005	
			RESULT	VALIDATION QUALIFIER
<b>RADIOACTIVITY</b>				
Gross Alpha (filtered)	pCi/L	15/-	PENDING	PENDING
Gross Alpha (unfiltered)	pCi/L	15/-	PENDING	PENDING
Gross Beta (filtered)	pCi/L	50/-	PENDING	PENDING
Gross Beta (unfiltered)	pCi/L	50/-	PENDING	PENDING
Strontium-90 (filtered)	pCi/L	8.0/-	PENDING	PENDING
Strontium-90 (unfiltered)	pCi/L	8.0/-	PENDING	PENDING
Total Combined Radium-226 & Radium 228 (filtered)	pCi/L	5.0/-	PENDING	PENDING
Total Combined Radium-226 & Radium 228 (unfiltered)	pCi/L	5.0/-	PENDING	PENDING
Tritium (filtered)	pCi/L	20000/-	PENDING	PENDING
Tritium (unfiltered)	pCi/L	20000/-	PENDING	PENDING
Cesium 137	pCi/smpl	-/-	PENDING	PENDING



**OUTFALL 011-GRAB (Perimeter Pond Weir)  
(13267 RESULTS)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/4/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	ND < 0.30	U	ND < 0.30	U
Biochemical Oxygen Demand (BOD 5 day)	mg/L	-/-	1.1	J (DNQ)	0.83	J (DNQ)
Chloride	mg/L	-/-	4.2	--	3.6	--
Specific Conductivity (Lab)	umhos/cm	-/-	100	--	94	--
Surfactants (MBAS)	mg/L	-/-	ND < 4.4	U	ND < 0.044	*
Fluoride	mg/L	-/-	0.25	J (DNQ)	0.26	UJ (B)
Nitrate + Nitrite as Nitrogen (N)	mg/L	-/-	2.1	--	0.91	--
Oil & Grease	mg/L	-/-	ND < 0.94	U	14	(B,\$)
Perchlorate	ug/L	-/-	ND < 0.80	U	ND < 0.80	U
pH (Field)	pH units	6.5-8.5/-	6.70	*	6.80	*
Total Settleable Solids	ml/L	-/-	ND < 0.10	U	ND < 0.10	U
Sulfate	mg/L	-/-	5.9	--	4.9	--
Temperature	deg. F	86/-	52.0	*	57.6	*
Total Cyanide	ug/L	-/-	ND < 2.2	U	ND < 2.2	U
Total Dissolved Solids	mg/L	-/-	120	--	88	--
Total Organic Carbon	mg/L	-/-	12	--	10	--
Total Residual Chlorine	mg/L	-/-	ND < 0.10	U	ND < 0.10	U
Total Suspended Solids	mg/L	-/-	ND < 10	U	ND < 10	U
Turbidity	NTU	-/-	30	--	18	--
Volume Discharged	MGD	-/-	1.08	*	2.69	*
<b>RADIOACTIVITY</b>						
Gross Alpha (filtered)	pCi/L	-/-	ANR	ANR	ANR	ANR
Gross Alpha (unfiltered)	pCi/L	-/-	1.64 /±0.96	J (H,*2)	0.850 /±0.70	UJ (H,R)
Gross Beta (filtered)	pCi/L	-/-	ANR	ANR	ANR	ANR
Gross Beta (unfiltered)	pCi/L	-/-	2.65 /±1.2	J (H)	2.40 /±1.2	J (H)
Strontium-90 (filtered)	pCi/L	-/-	ANR	ANR	ANR	ANR
Strontium-90 (unfiltered)	pCi/L	-/-	0.188 /±0.25	U	-0.173 /±0.29	U
Total Combined Radium-226 & Radium 228 (filtered)	pCi/L	-/-	ANR	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228 (unfiltered)	pCi/L	-/-	ANR	ANR	ANR	ANR
Tritium (filtered)	pCi/L	-/-	ANR	ANR	ANR	ANR
Tritium (unfiltered)	pCi/L	-/-	-93.0 /±170	UJ (*1)	17.8 /±150	UJ (*1)
Cesium 137	pCi/smpl	-/-	ANR	ANR	ANR	ANR
<b>METALS</b>						
Antimony	ug/L	-/-	0.87	UJ (B)	0.80	UJ (B,*3,\$)
Arsenic	ug/L	-/-	0.80	UJ (B)	1.6	--
Barium	mg/L	-/-	0.025	--	0.019	--
Beryllium	ug/L	-/-	0.14	J (DNQ)	0.063	J (*3,DNQ)
Boron	mg/L	-/-	0.060	--	0.065	--
Cadmium	ug/L	-/-	0.25	J (DNQ)	0.14	J (DNQ)
Chromium	ug/L	-/-	3.5	J (*3)	1.8	UJ (B)
Chromium VI	ug/L	-/-	0.17	UJ (H,B)	ND < 0.041	U
Cobalt	ug/L	-/-	0.59	J (DNQ)	0.71	J (DNQ)
Copper	ug/L	-/-	6.3	--	4.2	--
Iron	mg/L	-/-	1.5	J (*3,Q)	0.98	--
Lead	ug/L	-/-	1.4	--	1.0	--
Manganese	ug/L	-/-	26	--	16	--
Mercury	ug/L	-/-	0.25	--	0.13	J (DNQ)
Nickel	ug/L	-/-	3.5	--	2.3	J (*3)
Selenium	ug/L	-/-	0.63	J (DNQ)	0.90	UJ (B)
Silver	ug/L	-/-	ND < 0.089	U	0.26	UJ (B)
Thallium	ug/L	-/-	ND < 0.075	U	0.90	J (*3,DNQ)

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

**OUTFALL 011-GRAB (Perimeter Pond Weir)  
(13267 RESULTS)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/4/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Vanadium						
Zinc	ug/L	-/-	2.4	--	3.4	--
<b>ORGANICS</b>			22	--	18	J (DNQ)
Benzene	ug/L	-/-				
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Chloroform	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
1,1-Dichloroethane	ug/L	-/-	ND < 0.33	U	ND < 0.33	U
1,2-Dichloroethane	ug/L	-/-	ND < 0.27	U	ND < 0.27	U
1,1-Dichloroethene	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
1,4-Dioxane	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
Ethylbenzene	ug/L	-/-	ND < 0.49	U	ND < 0.49	U
Tetrachloroethene	ug/L	-/-	ND < 0.25	U	ND < 0.25	U
Toluene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
Xylenes (Total)	ug/L	-/-	ND < 0.36	U	ND < 0.36	U
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.52	U	ND < 0.52	U
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
Trichloroethene	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
Trichlorofluoromethane	ug/L	-/-	ND < 0.26	U	ND < 0.26	U
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ND < 0.34	U	ND < 0.34	U
Vinyl Chloride	ug/L	-/-	ND < 1.2	*	ND < 1.2	*
<b>TPH</b>						
EFH (C13 - C22)	ug/L	-/-	ND < 82	U		
GRO (C4 - C12)	ug/L	-/-	ND < 50	U	ND < 82	U
TRPH	ug/L	-/-	ND < 50	U	ND < 50	U
<b>ADDITIONAL ANALYTES</b>			ND < 310	U	ND < 310	U
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-				
2,4,5-Trichlorophenol	ug/L	-/-	ND < 2.5	UJ (*10)	ND < 2.5	UJ (*11)
1,1,1,2-Tetrachloroethane	ug/L	-/-	ND < 0.075	U	ND < 0.075	U
1,2,4-Trichlorobenzene	ug/L	-/-	ND < 0.24	U	ND < 0.24	U
1,2-Dichlorobenzene	ug/L	-/-	ND < 0.10	U	ND < 0.10	U
1,2-Dichlorobenzene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
1,2-Dichloropropane	ug/L	-/-	ND < 0.11	U	ND < 0.11	U
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ND < 0.35	U	ND < 0.35	U
1,3-Dichlorobenzene	ug/L	-/-	ND < 0.087	U	ND < 0.087	U
1,3-Dichlorobenzene	ug/L	-/-	ND < 0.35	U	ND < 0.35	U
1,4-Dichlorobenzene	ug/L	-/-	ND < 0.13	U	ND < 0.13	U
1,4-Dichlorobenzene	ug/L	-/-	ND < 0.050	U	ND < 0.050	U
2,4,6-Trichlorophenol	ug/L	-/-	ND < 0.37	U	ND < 0.37	U
2,4-Dichlorophenol	ug/L	-/-	ND < 0.10	U	ND < 0.10	U
2,4-Dimethylphenol	ug/L	-/-	ND < 0.21	U	ND < 0.21	U
2,4-Dinitrophenol	ug/L	-/-	ND < 0.31	U	ND < 0.31	U
2,4-Dinitrotoluene	ug/L	-/-	ND < 2.7	U	ND < 2.7	UJ (C)
2,6-Dinitrotoluene	ug/L	-/-	ND < 0.23	U	ND < 0.23	U
2-Chloroethylvinylether	ug/L	-/-	ND < 0.24	U	ND < 0.24	U
2-Chloronaphthalene	ug/L	-/-	ND < 1.3	UJ (C)	ND < 1.3	U
2-Chlorophenol	ug/L	-/-	ND < 0.059	U	ND < 0.059	U
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ND < 0.12	U	ND < 0.12	U
2-Methylnaphthalene	ug/L	-/-	ND < 0.38	U	ND < 0.38	U
2-Methylphenol	ug/L	-/-	ND < 0.13	U	ND < 0.13	UJ (B,*5)
2-Nitrophenol	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
3,3'-Dichlorobenzidine	ug/L	-/-	ND < 0.23	U	ND < 0.23	U
4,4'-DDD	ug/L	-/-	ND < 0.93	U	ND < 0.93	UJ (L,*5)
	ug/L	-/-	ND < 0.011	U	ND < 0.011	U

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

**OUTFALL 011-GRAB (Perimeter Pond Weir)  
(13267 RESULTS)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/4/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
4,4'-DDE	ug/L	-/-	ND < 0.017	U	ND < 0.017	U
4,4'-DDT	ug/L	-/-	ND < 0.015	U	ND < 0.015	U
4-Bromophenylphenylether	ug/L	-/-	ND < 0.12	U	ND < 0.12	U
4-Chloro-3-methylphenol	ug/L	-/-	ND < 0.34	U	ND < 0.34	U
4-Chloroaniline	ug/L	-/-	ND < 0.20	U	ND < 0.20	UJ (*5)
4-Chlorophenylphenylether	ug/L	-/-	ND < 0.056	U	ND < 0.056	U
4-Nitrophenol	ug/L	-/-	ND < 0.73	U	ND < 0.73	U
Acenaphthene	ug/L	-/-	ND < 0.10	U	ND < 0.10	U
Acenaphthylene	ug/L	-/-	ND < 0.10	U	ND < 0.10	U
Acrolein	ug/L	-/-	ND < 4.6	UJ (C)	ND < 4.6	UJ (C)
Acrylonitrile	ug/L	-/-	ND < 5.1	UJ (C)	ND < 5.1	UJ (C)
Acute Toxicity	% SURVIVAL	70/-	100	*	100	*
Aldrin	ug/L	-/-	ND < 0.029	U	ND < 0.029	U
alpha-BHC	ug/L	-/-	ND < 0.010	U	ND < 0.010	U
Aniline	ug/L	-/-	ND < 2.9	U	ND < 2.9	UJ (*5)
Anthracene	ug/L	-/-	ND < 0.083	U	ND < 0.083	U
Aroclor-1016	ug/L	-/-	ND < 0.067	U	ND < 0.067	U
Aroclor-1221	ug/L	-/-	ND < 0.057	U	ND < 0.057	U
Aroclor-1232	ug/L	-/-	ND < 0.13	U	ND < 0.13	U
Aroclor-1242	ug/L	-/-	ND < 0.12	U	ND < 0.12	U
Aroclor-1248	ug/L	-/-	ND < 0.21	U	ND < 0.21	U
Aroclor-1254	ug/L	-/-	ND < 0.16	U	ND < 0.16	U
Aroclor-1260	ug/L	-/-	ND < 0.17	U	ND < 0.17	U
Benzidine	ug/L	-/-	ND < 2.4	R (L)	ND < 2.4	R (L)
Benzo(a)anthracene	ug/L	-/-	ND < 0.038	U	ND < 0.038	U
Benzo(a)pyrene	ug/L	-/-	ND < 0.14	U	ND < 0.14	U
Benzo(b)fluoranthene	ug/L	-/-	ND < 0.050	U	ND < 0.050	U
Benzo(g,h,i)perylene	ug/L	-/-	ND < 0.059	U	ND < 0.059	U
Benzo(k)fluoranthene	ug/L	-/-	ND < 0.053	U	ND < 0.053	U
Benzoic acid	ug/L	-/-	ND < 3.7	U	ND < 3.7	U
Benzyl alcohol	ug/L	-/-	0.27	J (DNQ)	ND < 0.21	U
beta-BHC	ug/L	-/-	ND < 0.011	U	ND < 0.011	UJ (C)
bis (2-Chloroethyl) ether	ug/L	-/-	ND < 0.084	U	ND < 0.084	U
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ND < 1.1	U	ND < 1.1	U
bis(2-Chloroethoxy) methane	ug/L	-/-	ND < 0.072	U	ND < 0.072	U
bis(2-Chloroisopropyl) ether	ug/L	-/-	ND < 0.11	U	ND < 0.11	U
Bromodichloromethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
Bromoform	ug/L	-/-	ND < 0.32	UJ (C)	ND < 0.32	U
Bromomethane	ug/L	-/-	ND < 0.34	U	ND < 0.34	U
Butylbenzylphthalate	ug/L	-/-	ND < 0.34	U	ND < 0.34	U
Chlordane	ug/L	-/-	ND < 0.18	U	ND < 0.18	U
Chlorobenzene	ug/L	-/-	ND < 0.36	U	ND < 0.36	U
Chloroethane	ug/L	-/-	ND < 0.33	U	ND < 0.33	U
Chloromethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
Chronic Toxicity	TUC	1.0/-	1.0	*	1.0	*
Chrysene	ug/L	-/-	ND < 0.072	U	ND < 0.072	U
cis-1,3-Dichloropropene	ug/L	-/-	ND < 0.22	U	ND < 0.22	U
Cyclohexane	ug/L	-/-	ND < 2.5	UJ (*10)	ND < 2.5	UJ (*11)
delta-BHC	ug/L	-/-	ND < 0.010	U	ND < 0.010	U
Dibenzo(a,h)anthracene	ug/L	-/-	ND < 0.083	U	ND < 0.083	U
Dibenzofuran	ug/L	-/-	ND < 0.075	U	ND < 0.075	U
Dibromochloromethane	ug/L	-/-	ND < 0.28	U	ND < 0.28	U

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

**OUTFALL 011-GRAB (Perimeter Pond Weir)  
(13267 RESULTS)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/4/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Dieldrin	ug/L	-/-	ND < 0.010	U	ND < 0.010	U
Diethylphthalate	ug/L	-/-	ND < 0.12	U	ND < 0.12	U
Dimethylphthalate	ug/L	-/-	ND < 0.081	U	ND < 0.081	U
Di-n-butylphthalate	ug/L	-/-	ND < 0.26	U	ND < 0.26	U
Di-n-octylphthalate	ug/L	-/-	ND < 0.17	U	ND < 0.17	U
Endosulfan I	ug/L	-/-	ND < 0.015	U	ND < 0.015	U
Endosulfan II	ug/L	-/-	ND < 0.037	U	ND < 0.037	U
Endosulfan sulfate	ug/L	-/-	ND < 0.013	U	ND < 0.013	U
Endrin	ug/L	-/-	ND < 0.0082	U	ND < 0.0082	U
Endrin aldehyde	ug/L	-/-	ND < 0.045	U	ND < 0.045	U
Endrin ketone	ug/L	-/-	ND < 0.020	U	ND < 0.020	U
Fluoranthene	ug/L	-/-	ND < 0.089	U	ND < 0.089	U
Fluorene	ug/L	-/-	ND < 0.075	U	ND < 0.075	U
Heptachlor	ug/L	-/-	ND < 0.030	U	ND < 0.030	U
Heptachlor epoxide	ug/L	-/-	ND < 0.012	U	ND < 0.012	U
Hexachlorobenzene	ug/L	-/-	ND < 0.13	U	ND < 0.13	U
Hexachlorobutadiene	ug/L	-/-	ND < 0.38	U	ND < 0.38	U
Hexachlorocyclopentadiene	ug/L	-/-	ND < 1.8	UJ (*5)	ND < 1.8	U
Hexachloroethane	ug/L	-/-	ND < 0.51	U	ND < 0.51	U
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ND < 0.19	U	ND < 0.19	U
Isophorone	ug/L	-/-	0.12	J (DNQ)	ND < 0.059	U
Lindane (gamma-BHC)	ug/L	-/-	ND < 0.0097	U	ND < 0.0097	U
Methoxychlor	ug/L	-/-	ND < 0.034	U	ND < 0.034	U
Methylene Chloride	ug/L	-/-	ND < 0.48	UJ (C)	ND < 0.48	U
Monomethyl Hydrazine	ug/L	-/-	ND < 5.0	U	ND < 5.0	U
m-Nitroaniline	ug/L	-/-	ND < 0.35	U	ND < 0.35	U
Naphthalene	ug/L	-/-	ND < 0.13	U	0.21	J (DNQ,*5)
Nitrobenzene	ug/L	-/-	ND < 0.10	U	ND < 0.10	U
n-Nitrosodimethylamine	ug/L	-/-	ND < 0.22	U	ND < 0.22	U
n-Nitroso-di-n-propylamine	ug/L	-/-	ND < 0.18	U	ND < 0.18	U
n-Nitrosodiphenylamine	ug/L	-/-	ND < 0.077	U	ND < 0.077	U
o-Nitroaniline	ug/L	-/-	ND < 0.18	U	ND < 0.18	U
p-Cresol	ug/L	-/-	ND < 0.20	U	ND < 0.20	U
Pentachlorophenol	ug/L	-/-	ND < 0.78	U	ND < 0.78	U
Phenanthrene	ug/L	-/-	ND < 0.071	U	ND < 0.071	U
Phenol	ug/L	-/-	ND < 0.14	U	ND < 0.14	U
p-Nitroaniline	ug/L	-/-	ND < 0.49	U	ND < 0.49	U
Pyrene	ug/L	-/-	ND < 0.059	U	ND < 0.059	U
Toxaphene	ug/L	-/-	ND < 0.77	U	ND < 0.77	U
trans-1,2-Dichloroethene	ug/L	-/-	ND < 0.27	U	ND < 0.27	U
trans-1,3-Dichloropropene	ug/L	-/-	ND < 0.24	U	ND < 0.24	U

**OUTFALL 011-COMPOSITE (Perimeter Pond Weir)  
13267 RESULTS**

**FOURTH QUARTER 2004 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/4/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	ND < 0.30	U	ND < 0.30	U
Biochemical Oxygen Demand (BOD 5 day)	mg/L	-/-	1.3	J (DNQ)	0.96	J (DNQ)
Chloride	mg/L	-/-	4.3	--	3.6	--
Specific Conductivity (Lab)	umhos/cm	-/-	110	--	94	--
Surfactants (MBAS)	mg/L	-/-	0.46	J (DNQ)	ND < 0.044	U
Fluoride	mg/L	-/-	0.28	J (DNQ)	0.29	UJ (B)
Nitrate + Nitrite as Nitrogen (N)	mg/L	-/-	2.1	--	0.92	--
Oil & Grease	mg/L	-/-	0.95	J (DNQ)	42	(B,\$)
Perchlorate	ug/L	-/-	ND < 0.80	U	ND < 0.80	U
pH (Field)	pH units	6.5-8.5/-	6.70	*	6.80	*
Total Settleable Solids	ml/L	-/-	ND < 0.10	U	ND < 0.10	U
Sulfate	mg/L	-/-	6.0	--	4.7	--
Temperature	deg. F	86/-	52.0	*	52.0	*
Total Cyanide	ug/L	-/-	ND < 2.2	U	ND < 2.2	R (Q)
Total Dissolved Solids	mg/L	-/-	100	--	99	--
Total Organic Carbon	mg/L	-/-	13	--	9.2	--
Total Residual Chlorine	mg/L	-/-	ND < 0.10	U	ND < 0.10	U
Total Suspended Solids	mg/L	-/-	ND < 10	U	ND < 10	U
Turbidity	NTU	-/-	24	--	18	--
Volume Discharged	MGD	-/-	1.08	*	2.69	*
<b>RADIOACTIVITY</b>						
Gross Alpha (filtered)	pCi/L	-/-	ANR	ANR	ANR	ANR
Gross Alpha (unfiltered)	pCi/L	-/-	-0.671 /±1.0	UJ (H,*2)	0.294 /±1.0	UJ (H,R)
Gross Beta (filtered)	pCi/L	-/-	ANR	ANR	ANR	ANR
Gross Beta (unfiltered)	pCi/L	-/-	2.37 /±1.2	J (H)	2.50 /±1.2	J (H)
Strontium-90 (filtered)	pCi/L	-/-	ANR	ANR	ANR	ANR
Strontium-90 (unfiltered)	pCi/L	-/-	0.002 /±0.22	U	-0.023 /±0.24	U
Total Combined Radium-226 & Radium 228 (filtered)	pCi/L	-/-	ANR	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228 (unfiltered)	pCi/L	-/-	ANR	ANR	ANR	ANR
Tritium (filtered)	pCi/L	-/-	ANR	ANR	ANR	ANR
Tritium (unfiltered)	pCi/L	-/-	-125 /±170	UJ (*1)	-71.9 /±140	UJ (*1)
Cesium 137	pCi/smpl	-/-	ANR	ANR	ANR	ANR
<b>METALS</b>						
Antimony	ug/L	-/-	0.42	J (DNQ)	0.59	UJ (B)
Arsenic	ug/L	-/-	0.97	UJ (B)	1.8	--
Barium	mg/L	-/-	0.015	--	0.018	--
Beryllium	ug/L	-/-	0.072	J (DNQ)	0.070	J (*3,DNQ)
Boron	mg/L	-/-	0.051	--	0.069	UJ (B)
Cadmium	ug/L	-/-	0.12	J (DNQ)	0.15	UJ (B)
Chromium	ug/L	-/-	1.9	--	2.2	UJ (B)
Chromium VI	ug/L	-/-	0.16	UJ (B)	ND < 0.041	U
Cobalt	ug/L	-/-	0.34	J (DNQ)	0.38	J (*3,DNQ)
Copper	ug/L	-/-	4.4	--	7.2	--
Iron	mg/L	-/-	0.81	--	1.0	--
Lead	ug/L	-/-	0.82	J (DNQ)	0.90	J (*3,DNQ)
Manganese	ug/L	-/-	14	--	15	--
Mercury	ug/L	-/-	0.17	J (DNQ)	0.16	J (DNQ)

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

**OUTFALL 011-COMPOSITE (Perimeter Pond Weir)  
13267 RESULTS**

**FOURTH QUARTER 2004 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/4/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Nickel	ug/L	-/-	2.1	--	2.4	--
Selenium	ug/L	-/-	0.66	UJ (B)	ND < 0.36	U
Silver	ug/L	-/-	0.13	UJ (B)	ND < 0.089	U
Thallium	ug/L	-/-	ND < 0.075	U	0.11	UJ (B)
Vanadium	ug/L	-/-	1.1	--	2.7	--
Zinc	ug/L	-/-	15	J (DNQ)	21	--
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U	ND < 0.28	UJ (C)
Chloroform	ug/L	-/-	ND < 0.33	U	ND < 0.33	U
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	U	ND < 0.27	U
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
1,1-Dichloroethene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
1,4-Dioxane	ug/L	-/-	ND < 0.49	U	ND < 0.49	U
Ethylbenzene	ug/L	-/-	ND < 0.25	U	ND < 0.25	U
Tetrachloroethene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
Toluene	ug/L	-/-	ND < 0.36	U	ND < 0.36	U
Xylenes (Total)	ug/L	-/-	ND < 0.52	U	ND < 0.52	U
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
Trichloroethene	ug/L	-/-	ND < 0.26	U	ND < 0.26	U
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	UJ (C)	ND < 0.34	U
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ND < 1.2	*	ND < 1.2	*
Vinyl Chloride	ug/L	-/-	ND < 0.26	U	ND < 0.26	U
<b>TPH</b>						
EFH (C13 - C22)	ug/L	-/-	ND < 82	U	ND < 82	U
GRO (C4 - C12)	ug/L	-/-	ND < 50	U	ND < 50	U
TRPH	ug/L	-/-	ND < 310	U	ND < 310	U
<b>ADDITIONAL ANALYTES</b>						
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ND < 2.5	UJ (*10)	ND < 2.5	NJ (*10)
2,4,5-Trichlorophenol	ug/L	-/-	ND < 0.075	U	ND < 0.075	U
1,1,2,2-Tetrachloroethane	ug/L	-/-	ND < 0.24	U	ND < 0.24	U
1,2,4-Trichlorobenzene	ug/L	-/-	ND < 0.10	U	ND < 0.10	U
1,2-Dichlorobenzene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
1,2-Dichlorobenzene	ug/L	-/-	ND < 0.11	U	ND < 0.11	U
1,2-Dichloropropane	ug/L	-/-	ND < 0.35	U	ND < 0.35	U
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ND < 0.087	U	ND < 0.087	U
1,3-Dichlorobenzene	ug/L	-/-	ND < 0.35	U	ND < 0.35	U
1,3-Dichlorobenzene	ug/L	-/-	ND < 0.13	U	ND < 0.13	U
1,4-Dichlorobenzene	ug/L	-/-	ND < 0.050	U	ND < 0.050	U
1,4-Dichlorobenzene	ug/L	-/-	ND < 0.37	U	ND < 0.37	U
2,4,6-Trichlorophenol	ug/L	-/-	ND < 0.10	U	ND < 0.10	U
2,4-Dichlorophenol	ug/L	-/-	ND < 0.21	U	ND < 0.21	U
2,4-Dimethylphenol	ug/L	-/-	ND < 0.31	U	ND < 0.31	U
2,4-Dinitrophenol	ug/L	-/-	ND < 2.7	U	ND < 2.7	UJ (C)
2,4-Dinitrotoluene	ug/L	-/-	ND < 0.23	U	ND < 0.23	U
2,6-Dinitrotoluene	ug/L	-/-	ND < 0.24	U	ND < 0.24	U
2-Chloroethylvinylether	ug/L	-/-	ND < 1.3	U	ND < 1.3	U

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



**OUTFALL 011-COMPOSITE (Perimeter Pond Weir)  
13267 RESULTS**

**FOURTH QUARTER 2004 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/4/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
2-Chloronaphthalene	ug/L	-/-	ND < 0.059	U	ND < 0.059	U
2-Chlorophenol	ug/L	-/-	ND < 0.12	U	ND < 0.12	U
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ND < 0.38	U	ND < 0.38	U
2-Methylnaphthalene	ug/L	-/-	ND < 0.13	U	9.5	--
2-Methylphenol	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
2-Nitrophenol	ug/L	-/-	ND < 0.23	U	ND < 0.23	U
3,3'-Dichlorobenzidine	ug/L	-/-	ND < 0.93	U	ND < 0.93	U
4,4'-DDD	ug/L	-/-	ND < 0.011	U	ND < 0.011	U
4,4'-DDE	ug/L	-/-	ND < 0.017	U	ND < 0.017	U
4,4'-DDT	ug/L	-/-	ND < 0.015	UJ (C)	ND < 0.015	U
4-Bromophenylphenylether	ug/L	-/-	ND < 0.12	U	ND < 0.12	U
4-Chloro-3-methylphenol	ug/L	-/-	ND < 0.34	U	ND < 0.34	U
4-Chloroaniline	ug/L	-/-	ND < 0.20	U	ND < 0.20	U
4-Chlorophenylphenylether	ug/L	-/-	ND < 0.056	U	ND < 0.056	U
4-Nitrophenol	ug/L	-/-	ND < 0.73	U	ND < 0.73	U
Acenaphthene	ug/L	-/-	ND < 0.10	U	11	--
Acenaphthylene	ug/L	-/-	ND < 0.10	U	0.12	J (DNQ)
Acrolein	ug/L	-/-	ND < 4.6	U	ND < 4.6	U
Acrylonitrile	ug/L	-/-	ND < 5.1	U	ND < 5.1	U
Acute Toxicity	% SURVIVAL	70/-	100	*	100	*
Aldrin	ug/L	-/-	ND < 0.029	U	ND < 0.029	U
alpha-BHC	ug/L	-/-	ND < 0.010	U	ND < 0.010	U
Aniline	ug/L	-/-	ND < 2.9	U	ND < 2.9	U
Anthracene	ug/L	-/-	ND < 0.083	U	0.14	J (DNQ)
Aroclor-1016	ug/L	-/-	ND < 0.067	U	ND < 0.067	U
Aroclor-1221	ug/L	-/-	ND < 0.057	U	ND < 0.057	U
Aroclor-1232	ug/L	-/-	ND < 0.13	U	ND < 0.13	U
Aroclor-1242	ug/L	-/-	ND < 0.12	U	ND < 0.12	U
Aroclor-1248	ug/L	-/-	ND < 0.21	U	ND < 0.21	U
Aroclor-1254	ug/L	-/-	ND < 0.16	U	ND < 0.16	U
Aroclor-1260	ug/L	-/-	ND < 0.17	U	ND < 0.17	U
Benzidine	ug/L	-/-	ND < 2.4	R (L)	ND < 2.4	U
Benzo(a)anthracene	ug/L	-/-	ND < 0.038	U	ND < 0.038	U
Benzo(a)pyrene	ug/L	-/-	ND < 0.14	U	ND < 0.14	U
Benzo(b)fluoranthene	ug/L	-/-	ND < 0.050	U	ND < 0.050	U
Benzo(g,h,i)perylene	ug/L	-/-	ND < 0.059	U	ND < 0.059	U
Benzo(k)fluoranthene	ug/L	-/-	ND < 0.053	U	ND < 0.053	U
Benzoic acid	ug/L	-/-	ND < 3.7	U	ND < 3.7	U
Benzyl alcohol	ug/L	-/-	ND < 0.21	U	ND < 0.21	U
beta-BHC	ug/L	-/-	ND < 0.011	U	ND < 0.011	UJ (C)
bis (2-Chloroethyl) ether	ug/L	-/-	ND < 0.084	U	ND < 0.084	U
bis (2-ethylhexyl) Phthalate	ug/L	-/-	1.2	J (DNQ)	ND < 1.1	U
bis(2-Chloroethoxy) methane	ug/L	-/-	ND < 0.072	U	ND < 0.072	U
bis(2-Chloroisopropyl) ether	ug/L	-/-	ND < 0.11	U	ND < 0.11	U
Bromodichloromethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
Bromoform	ug/L	-/-	ND < 0.32	U	ND < 0.32	UJ (C)
Bromomethane	ug/L	-/-	ND < 0.34	UJ (C)	ND < 0.34	U
Butylbenzylphthalate	ug/L	-/-	ND < 0.34	U	ND < 0.34	U

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

**OUTFALL 011-COMPOSITE (Perimeter Pond Weir)  
13267 RESULTS**

**FOURTH QUARTER 2004 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/4/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chlordane	ug/L	-/-	ND < 0.18	U	ND < 0.18	U
Chlorobenzene	ug/L	-/-	ND < 0.36	U	ND < 0.36	U
Chloroethane	ug/L	-/-	ND < 0.33	UJ (C)	ND < 0.33	U
Chloromethane	ug/L	-/-	ND < 0.30	UJ (C)	ND < 0.30	UJ (C)
Chronic Toxicity	TUC	1.0/-	1.0	*	ANR	ANR
Chrysene	ug/L	-/-	ND < 0.072	U	ND < 0.072	U
cis-1,3-Dichloropropene	ug/L	-/-	ND < 0.22	U	ND < 0.22	U
Cyclohexane	ug/L	-/-	ND < 0	UJ (*10)	ND < 0	NJ (*10)
delta-BHC	ug/L	-/-	ND < 0.010	U	ND < 0.010	U
Dibenzo(a,h)anthracene	ug/L	-/-	ND < 0.083	U	ND < 0.083	U
Dibenzofuran	ug/L	-/-	ND < 0.075	U	ND < 0.075	U
Dibromochloromethane	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Dieldrin	ug/L	-/-	ND < 0.010	U	ND < 0.010	U
Diethylphthalate	ug/L	-/-	ND < 0.12	U	ND < 0.12	U
Dimethylphthalate	ug/L	-/-	ND < 0.081	U	ND < 0.081	U
Di-n-butylphthalate	ug/L	-/-	ND < 0.26	U	ND < 0.26	U
Di-n-octylphthalate	ug/L	-/-	ND < 0.17	U	ND < 0.17	U
Endosulfan I	ug/L	-/-	ND < 0.015	U	ND < 0.015	U
Endosulfan II	ug/L	-/-	ND < 0.037	U	ND < 0.037	U
Endosulfan sulfate	ug/L	-/-	ND < 0.013	U	ND < 0.013	U
Endrin	ug/L	-/-	ND < 0.0082	U	ND < 0.0082	U
Endrin aldehyde	ug/L	-/-	ND < 0.045	U	ND < 0.045	U
Endrin ketone	ug/L	-/-	ND < 0.020	U	ND < 0.020	U
Fluoranthene	ug/L	-/-	ND < 0.089	U	ND < 0.089	U
Fluorene	ug/L	-/-	ND < 0.075	U	4.7	--
Heptachlor	ug/L	-/-	ND < 0.030	U	ND < 0.030	U
Heptachlor epoxide	ug/L	-/-	ND < 0.012	U	ND < 0.012	U
Hexachlorobenzene	ug/L	-/-	ND < 0.13	U	ND < 0.13	U
Hexachlorobutadiene	ug/L	-/-	ND < 0.38	U	ND < 0.38	U
Hexachlorocyclopentadiene	ug/L	-/-	ND < 1.8	U	ND < 1.8	U
Hexachloroethane	ug/L	-/-	ND < 0.51	U	ND < 0.51	UJ (*5)
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ND < 0.19	U	ND < 0.19	U
Isophorone	ug/L	-/-	0.098	J (DNQ)	ND < 0.059	U
Lindane (gamma-BHC)	ug/L	-/-	ND < 0.0097	U	ND < 0.0097	U
Methoxychlor	ug/L	-/-	ND < 0.034	UJ (C)	ND < 0.034	U
Methylene Chloride	ug/L	-/-	ND < 0.48	U	0.97	J (DNQ)
Monomethyl Hydrazine	ug/L	-/-	ND < 5.0	U	ND < 5.0	U
m-Nitroaniline	ug/L	-/-	ND < 0.35	U	ND < 0.35	U
Naphthalene	ug/L	-/-	ND < 0.13	U	8.3	--
Nitrobenzene	ug/L	-/-	ND < 0.10	U	ND < 0.10	U
n-Nitrosodimethylamine	ug/L	-/-	ND < 0.22	U	ND < 0.22	U
n-Nitroso-di-n-propylamine	ug/L	-/-	ND < 0.18	U	ND < 0.18	U
n-Nitrosodiphenylamine	ug/L	-/-	ND < 0.077	U	ND < 0.077	U
o-Nitroaniline	ug/L	-/-	ND < 0.18	U	ND < 0.18	U
p-Cresol	ug/L	-/-	ND < 0.20	U	ND < 0.20	U
Pentachlorophenol	ug/L	-/-	ND < 0.78	U	ND < 0.78	U
Phenanthrene	ug/L	-/-	ND < 0.071	U	0.98	--
Phenol	ug/L	-/-	ND < 0.14	U	ND < 0.14	U

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

**OUTFALL 011-COMPOSITE (Perimeter Pond Weir)  
13267 RESULTS**

**FOURTH QUARTER 2004 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through January 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/4/2005		1/11/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
p-Nitroaniline	ug/L	-/-	ND < 0.49	U	ND < 0.49	U
Pyrene	ug/L	-/-	ND < 0.059	U	ND < 0.059	U
Toxaphene	ug/L	-/-	ND < 0.77	U	ND < 0.77	U
trans-1,2-Dichloroethene	ug/L	-/-	ND < 0.27	U	ND < 0.27	U
trans-1,3-Dichloropropene	ug/L	-/-	ND < 0.24	U	ND < 0.24	U

**OUTFALL 011-GRAB (Perimeter Pond Weir)  
13267 RESULTS**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/25/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	ND < 0.30	U	ND < 0.30	U
Biochemical Oxygen Demand (BOD 5 day)	mg/L	-/-	3.6	--	0.68	J (DNQ)
Chloride	mg/L	-/-	5.4	--	5.1	--
Specific Conductivity (Lab)	umhos/cm	-/-	130	--	150	--
Surfactants (MBAS)	mg/L	-/-	0.082	J (DNQ)	0.054	J (DNQ)
Fluoride	mg/L	-/-	0.29	UJ (B)	0.17	J (DNQ)
Nitrate + Nitrite as Nitrogen (N)	mg/L	-/-	0.47	--	0.38	--
Oil & Grease	mg/L	-/-	ND < 0.94	U	ND < 0.94	U
Perchlorate	ug/L	-/-	ND < 0.80	U	ND < 0.80	U
pH (Field)	pH units	6.5-8.5/-	6.8	*	7.0	*
Total Settleable Solids	ml/L	-/-	ND < 0.10	U	ND < 0.10	U
Sulfate	mg/L	-/-	14	--	11	--
Temperature	deg. F	86/-	58.3	*	55.7	*
Total Cyanide	ug/L	-/-	ND < 2.2	U	ND < 2.2	U
Total Dissolved Solids	mg/L	-/-	110	--	100	--
Total Organic Carbon	mg/L	-/-	11	--	11	--
Total Residual Chlorine	mg/L	-/-	ND < 0.10	U	ND < 0.10	U
Total Suspended Solids	mg/L	-/-	26	--	ND < 10	U
Turbidity	NTU	-/-	38	--	9.4	--
Volume Discharged	MGD	-/-	0.656	*	0.492	*
<b>RADIOACTIVITY</b>						
Gross Alpha (filtered)	pCi/L	-/-	PENDING	PENDING	PENDING	PENDING
Gross Alpha (unfiltered)	pCi/L	-/-	0.895±0.76	UJ (R,Q)	1.50±0.89	J (R)
Gross Beta (filtered)	pCi/L	-/-	PENDING	PENDING	PENDING	PENDING
Gross Beta (unfiltered)	pCi/L	-/-	2.50±1.3	--	2.27±1.2	--
Strontium-90 (filtered)	pCi/L	-/-	PENDING	PENDING	PENDING	PENDING
Strontium-90 (unfiltered)	pCi/L	-/-	-0.216/0.23	U	0.206±0.25	U
Total Combined Radium-226 & Radium 228 (filtered)	pCi/L	-/-	PENDING	PENDING	PENDING	PENDING
Total Combined Radium-226 & Radium 228 (unfiltered)	pCi/L	-/-	PENDING	PENDING	PENDING	PENDING
Tritium (filtered)	pCi/L	-/-	PENDING	PENDING	PENDING	PENDING
Tritium (unfiltered)	pCi/L	-/-	97.4±140	U	-45.7±150	U
Cesium 137	pCi/smpl	-/-	PENDING	PENDING	PENDING	PENDING
<b>METALS</b>						
Antimony	ug/L	-/-	0.9	UJ (B,\$)	1.3	UJ (B,\$)
Arsenic	ug/L	-/-	1.0	J (*3)	1.3	J (*3)
Barium	mg/L	-/-	0.020	--	0.020	--
Beryllium	ug/L	-/-	0.052	J (DNQ)	ND < 0.037	U
Boron	mg/L	-/-	0.063	UJ (B)	0.062	UJ (B)
Cadmium	ug/L	-/-	0.11	J (DNQ)	0.10	J (DNQ)
Chromium	ug/L	-/-	1.8	UJ (B)	0.90	UJ (B)
Chromium VI	ug/L	-/-	ANR	ANR	ND < 0.10	U
Cobalt	ug/L	-/-	0.60	J (DNQ)	0.23	J (DNQ)
Copper	ug/L	-/-	3.4	J (*3)	3.2	--
Iron	mg/L	-/-	1.6	--	0.56	--
Lead	ug/L	-/-	1.3	--	0.57	J (B,DNQ)
Manganese	ug/L	-/-	36	--	13	--
Mercury	ug/L	-/-	0.14	J (DNQ)	ND < 0.063	U

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and other explanations for the data presented.

**OUTFALL 011-GRAB (Perimeter Pond Weir)  
13267 RESULTS**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/25/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Nickel	ug/L	-/-	1.4	J (B,*3)	1.0	J (B,DNQ)
Selenium	ug/L	-/-	ND < 0.36	U	ND < 0.36	U
Silver	ug/L	-/-	ND < 0.089	U	ND < 0.089	UJ (*3)
Thallium	ug/L	-/-	ND < 0.075	U	ND < 0.075	U
Vanadium	ug/L	-/-	3.7	J (B)	1.5	J (B,DNQ)
Zinc	ug/L	-/-	16	J (DNQ)	16	J (DNQ,*3)
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Chloroform	ug/L	-/-	ND < 0.33	U	ND < 0.33	U
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	U	ND < 0.27	U
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
1,1-Dichloroethene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
1,4-Dioxane	ug/L	-/-	ND < 0.49	*	ND < 0.49	*
Ethylbenzene	ug/L	-/-	ND < 0.25	U	ND < 0.25	U
Tetrachloroethene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
Toluene	ug/L	-/-	ND < 0.36	U	ND < 0.36	U
Xylenes (Total)	ug/L	-/-	ND < 0.52	U	ND < 0.52	U
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
Trichloroethene	ug/L	-/-	ND < 0.26	U	ND < 0.26	U
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	U	ND < 0.34	U
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ND < 1.2	U	ND < 1.2	U
Vinyl Chloride	ug/L	-/-	ND < 0.26	U	ND < 0.26	U
<b>TPH</b>						
EFH (C13 - C22)	ug/L	-/-	ND < 0.082	U	ND < 0.082	U
GRO (C4 - C12)	ug/L	-/-	ND < 0.050	U	ND < 0.050	U
TRPH	ug/L	-/-	ND < 0.31	U	ND < 0.31	U
<b>ADDITIONAL ANALYTES</b>						
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ND < 2.5	UI (*11)	ND < 2.5	UI (*11)
2,4,5-Trichlorophenol	ug/L	-/-	ND < 0.075	U	ND < 0.075	U
1,1,1,2-Tetrachloroethane	ug/L	-/-	ND < 0.24	U	ND < 0.24	U
1,2,4-Trichlorobenzene	ug/L	-/-	ND < 0.10	U	ND < 0.10	U
1,2-Dichlorobenzene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
1,2-Dichloropropane	ug/L	-/-	ND < 0.11	U	ND < 0.11	U
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ND < 0.35	U	ND < 0.35	U
1,3-Dichlorobenzene	ug/L	-/-	ND < 0.087	U	ND < 0.087	U
1,3-Dichlorobenzene	ug/L	-/-	ND < 0.35	U	ND < 0.35	U
1,3-Dichlorobenzene	ug/L	-/-	ND < 0.13	U	ND < 0.13	U
1,4-Dichlorobenzene	ug/L	-/-	ND < 0.37	U	ND < 0.37	U
1,4-Dichlorobenzene	ug/L	-/-	ND < 0.37	U	ND < 0.37	U
2,4,6-Trichlorophenol	ug/L	-/-	ND < 0.050	U	ND < 0.050	U
2,4-Dichlorophenol	ug/L	-/-	ND < 0.10	U	ND < 0.10	U
2,4-Dimethylphenol	ug/L	-/-	ND < 0.21	U	ND < 0.21	U
2,4-Dinitrophenol	ug/L	-/-	ND < 0.31	U	ND < 0.31	U
2,4-Dinitrotoluene	ug/L	-/-	ND < 2.7	UI (C)	ND < 2.7	U
2,4-Dinitrotoluene	ug/L	-/-	ND < 0.23	U	ND < 0.23	U
2,6-Dinitrotoluene	ug/L	-/-	ND < 0.24	U	ND < 0.24	U
2-Chloroethylvinylether	ug/L	-/-	ND < 1.3	U	ND < 1.3	U

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**OUTFALL 011-GRAB (Perimeter Pond Weir)  
13267 RESULTS**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

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ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/25/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
2-Chloronaphthalene	ug/L	-/-	ND < 0.059	U	ND < 0.059	U
2-Chlorophenol	ug/L	-/-	ND < 0.12	U	ND < 0.12	U
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ND < 0.38	UJ (C)	ND < 0.38	U
2-Methylnaphthalene	ug/L	-/-	ND < 0.13	U	ND < 0.13	U
2-Methylphenol	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
2-Nitrophenol	ug/L	-/-	ND < 0.23	U	ND < 0.23	U
3,3'-Dichlorobenzidine	ug/L	-/-	ND < 0.93	U	ND < 0.93	U
4,4'-DDD	ug/L	-/-	ND < 0.015	U	ND < 0.020	U
4,4'-DDE	ug/L	-/-	ND < 0.020	U	ND < 0.025	U
4,4'-DDT	ug/L	-/-	ND < 0.030	UJ (C)	0.038	J (DNQ)
4-Bromophenylphenylether	ug/L	-/-	ND < 0.12	U	ND < 0.12	U
4-Chloro-3-methylphenol	ug/L	-/-	ND < 0.34	U	ND < 0.34	U
4-Chloroaniline	ug/L	-/-	ND < 0.20	U	ND < 0.20	U
4-Chlorophenylphenylether	ug/L	-/-	ND < 0.056	U	ND < 0.056	U
4-Nitrophenol	ug/L	-/-	ND < 0.73	UJ (C)	ND < 0.73	U
Acenaphthene	ug/L	-/-	ND < 0.10	U	ND < 0.10	U
Acenaphthylene	ug/L	-/-	ND < 0.10	U	ND < 0.10	U
Acrolein	ug/L	-/-	ND < 4.6	R (R)	ND < 4.6	U
Acrylonitrile	ug/L	-/-	ND < 5.1	UJ (C)	ND < 5.1	U
Acute Toxicity	% SURVIVAL	70/-	100	*	100*	ANR
Aldrin	ug/L	-/-	ND < 0.030	U	ND < 0.030	U
alpha-BHC	ug/L	-/-	ND < 0.015	U	ND < 0.015	U
Aniline	ug/L	-/-	ND < 2.9	U	ND < 2.9	U
Anthracene	ug/L	-/-	ND < 0.083	U	ND < 0.083	U
Aroclor-1016	ug/L	-/-	ND < 0.20	U	ND < 0.20	U
Aroclor-1221	ug/L	-/-	ND < 0.10	U	ND < 0.10	U
Aroclor-1232	ug/L	-/-	ND < 0.15	U	ND < 0.15	U
Aroclor-1242	ug/L	-/-	ND < 0.15	U	ND < 0.15	U
Aroclor-1248	ug/L	-/-	ND < 0.25	U	ND < 0.25	UJ (C)
Aroclor-1254	ug/L	-/-	ND < 0.25	U	ND < 0.25	UJ (C)
Aroclor-1260	ug/L	-/-	ND < 0.40	U	ND < 0.40	UJ (C)
Benzdine	ug/L	-/-	ND < 2.4	UJ (*5)	ND < 3.2	UJ (*5)
Benzo(a)anthracene	ug/L	-/-	ND < 0.038	U	ND < 0.038	U
Benzo(a)pyrene	ug/L	-/-	ND < 0.14	U	ND < 0.14	U
Benzo(b)fluoranthene	ug/L	-/-	ND < 0.050	U	ND < 0.050	U
Benzo(g,h,i)perylene	ug/L	-/-	ND < 0.059	U	ND < 0.059	U
Benzo(k)fluoranthene	ug/L	-/-	ND < 0.053	U	ND < 0.053	U
Benzoic acid	ug/L	-/-	ND < 3.7	UJ (C)	ND < 3.7	UJ (C)
Benzyl alcohol	ug/L	-/-	ND < 0.21	U	ND < 0.21	U
beta-BHC	ug/L	-/-	ND < 0.015	U	ND < 0.015	UJ (C)
bis (2-Chloroethyl) ether	ug/L	-/-	ND < 0.084	U	ND < 0.084	U
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ND < 1.1	U	ND < 1.1	U
bis(2-Chloroethoxy) methane	ug/L	-/-	ND < 0.072	U	ND < 0.072	U
bis(2-Chloroisopropyl) ether	ug/L	-/-	ND < 0.11	U	ND < 0.11	U
Bromodichloromethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
Bromoform	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
Bromomethane	ug/L	-/-	ND < 0.34	U	ND < 0.34	U
Butylbenzylphthalate	ug/L	-/-	ND < 0.34	U	ND < 0.34	U

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**OUTFALL 011-GRAB (Perimeter Pond Weir)  
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ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/25/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chlordane	ug/L	-/-	ND < 0.20	U	ND < 0.20	U
Chlorobenzene	ug/L	-/-	ND < 0.36	U	ND < 0.36	U
Chloroethane	ug/L	-/-	ND < 0.33	U	ND < 0.33	U
Chloromethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
Chronic Toxicity	TUC	1.0/-	1.0	*	1.0	*
Chrysene	ug/L	-/-	ND < 0.072	U	ND < 0.072	U
cis-1,3-Dichloropropene	ug/L	-/-	ND < 0.22	U	ND < 0.22	U
Cyclohexane	ug/l	-/-	ND < 2.5	UJ (*11)	ND < 2.5	UJ (*11)
delta-BHC	ug/L	-/-	ND < 0.020	U	ND < 0.020	U
Dibenzo(a,h)anthracene	ug/L	-/-	ND < 0.083	U	ND < 0.083	U
Dibenzofuran	ug/L	-/-	ND < 0.075	U	ND < 0.075	U
Dibromochloromethane	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Dieldrin	ug/L	-/-	ND < 0.015	U	ND < 0.015	U
Diethylphthalate	ug/L	-/-	ND < 0.12	U	ND < 0.12	U
Dimethylphthalate	ug/L	-/-	ND < 0.081	U	ND < 0.081	U
Di-n-butylphthalate	ug/L	-/-	ND < 0.26	U	ND < 0.26	U
Di-n-octylphthalate	ug/L	-/-	ND < 0.17	U	ND < 0.17	U
Endosulfan I	ug/L	-/-	ND < 0.015	U	ND < 0.015	U
Endosulfan II	ug/L	-/-	ND < 0.040	U	ND < 0.040	U
Endosulfan sulfate	ug/L	-/-	ND < 0.015	U	ND < 0.015	U
Endrin	ug/L	-/-	ND < 0.015	U	ND < 0.015	U
Endrin aldehyde	ug/L	-/-	ND < 0.045	UJ (C)	ND < 0.020	U
Endrin ketone	ug/L	-/-	ND < 0.020	UJ (C)	ND < 0.045	U
Fluoranthene	ug/L	-/-	ND < 0.089	U	ND < 0.020	U
Fluorene	ug/L	-/-	ND < 0.075	U	ND < 0.089	U
Heptachlor	ug/L	-/-	ND < 0.030	U	ND < 0.075	U
Heptachlor epoxide	ug/L	-/-	ND < 0.020	U	ND < 0.030	U
Hexachlorobenzene	ug/L	-/-	ND < 0.13	U	ND < 0.020	U
Hexachlorobutadiene	ug/L	-/-	ND < 0.38	U	ND < 0.13	U
Hexachlorocyclopentadiene	ug/L	-/-	ND < 1.8	U	ND < 0.38	U
Hexachloroethane	ug/L	-/-	ND < 0.51	U	ND < 1.8	U
Hydrazine	ug/L	-/-	ND < 0.39	U	ND < 0.51	U
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ND < 0.19	U	ND < 0.39	UJ (H)
Isophorone	ug/L	-/-	ND < 0.059	U	ND < 0.19	U
Lindane (gamma-BHC)	ug/L	-/-	ND < 0.015	U	ND < 0.059	U
Methoxychlor	ug/L	-/-	ND < 0.035	UJ (C)	ND < 0.020	U
Methylene Chloride	ug/L	-/-	ND < 0.48	U	ND < 0.035	U
m-Nitroaniline	ug/L	-/-	ND < 0.35	U	0.74	U (T)
Monomethyl Hydrazine	ug/L	-/-	ND < 1.2	U	ND < 0.35	U
Naphthalene	ug/L	-/-	ND < 0.13	U	ND < 1.2	UJ (H)
Nitrobenzene	ug/L	-/-	ND < 0.10	U	ND < 0.13	U
n-Nitrosodimethylamine	ug/L	-/-	ND < 0.22	UJ (*5,C)	ND < 0.10	U
n-Nitroso-di-n-propylamine	ug/L	-/-	ND < 0.18	U	ND < 0.22	U
n-Nitrosodiphenylamine	ug/L	-/-	ND < 0.077	U	ND < 0.18	U
o-Nitroaniline	ug/L	-/-	ND < 0.18	U	ND < 0.077	U
p-Cresol	ug/L	-/-	ND < 0.20	U	ND < 0.18	U
Pentachlorophenol	ug/L	-/-	ND < 0.78	U	ND < 0.20	U
Phenanthrene	ug/L	-/-	ND < 0.071	U	ND < 0.78	U

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**OUTFALL 011-GRAB (Perimeter Pond Weir)  
13267 RESULTS**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

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ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/25/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Phenol	ug/L	-/-	ND < 0.14	U	ND < 0.14	U
p-Nitroaniline	ug/L	-/-	ND < 0.49	UJ (C)	ND < 0.49	UJ (C)
Pyrene	ug/L	-/-	ND < 0.059	U	ND < 0.059	U
Toxaphene	ug/L	-/-	ND < 1.5	U	ND < 1.5	U
trans-1,2-Dichloroethene	ug/L	-/-	ND < 0.27	U	ND < 0.27	U
trans-1,3-Dichloropropene	ug/L	-/-	ND < 0.24	U	ND < 0.24	U
Unsymmetrical Dimethyl Hydrazine	ug/L	-/-	ND < 0.27	U	ND < 0.27	UJ (H)



**OUTFALL 011-COMPOSITE (Perimeter Pond Weir)  
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ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/25/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	0.56	--	ND < 0.30	U
Biochemical Oxygen Demand (BOD 5 day)	mg/L	-/-	3.3	--	0.76	J (DNQ)
Chloride	mg/L	-/-	5.1	--	5.1	--
Specific Conductivity (Lab)	umhos/cm	-/-	130	--	150	--
Surfactants (MBAS)	mg/L	-/-	ND < 0.088	U	0.051	J (DNQ)
Fluoride	mg/L	-/-	0.29	J (DNQ)	0.15	J (DNQ)
Nitrate + Nitrite as Nitrogen (N)	mg/L	-/-	0.62	--	0.38	--
Oil & Grease	mg/L	-/-	ND < 0.94	U	ND < 0.94	U
Perchlorate	ug/L	-/-	ND < 0.80	U	ND < 0.80	U
pH (Field)	pH units	6.5-8.5/-	6.8	*	7.0	*
Total Settleable Solids	ml/L	-/-	ND < 0.10	U	ND < 0.10	U
Sulfate	mg/L	-/-	13	--	11	--
Temperature	deg. F	86/-	58.3	*	55.4	*
Total Cyanide	ug/L	-/-	ND < 2.2	U	ND < 2.2	U
Total Dissolved Solids	mg/L	-/-	98	--	110	--
Total Organic Carbon	mg/L	-/-	11	--	9.0	--
Total Residual Chlorine	mg/L	-/-	ND < 0.10	U	ND < 0.10	U
Total Suspended Solids	mg/L	-/-	46	--	ND < 10	U
Turbidity	NTU	-/-	53	--	8.0	--
Volume Discharged	MGD	-/-	0.656	*	0.492	*
<b>RADIOACTIVITY</b>						
Gross Alpha (filtered)	pCi/L	-/-	ANR	ANR	ANR	ANR
Gross Alpha (unfiltered)	pCi/L	-/-	2.03 ±0.91	J (R,Q)	1.29 ±0.80	J (R)
Gross Beta (filtered)	pCi/L	-/-	ANR	ANR	ANR	ANR
Gross Beta (unfiltered)	pCi/L	-/-	2.30 ±1.2	--	2.12 ±1.2	--
Strontium-90 (filtered)	pCi/L	-/-	ANR	ANR	ANR	ANR
Strontium-90 (unfiltered)	pCi/L	-/-	0.060 ±0.23	U	-0.059 ±0.24	U
Total Combined Radium-226 & Radium 228 (filtered)	pCi/L	-/-	ANR	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228 (unfiltered)	pCi/L	-/-	ANR	ANR	ANR	ANR
Tritium (filtered)	pCi/L	-/-	ANR	ANR	ANR	ANR
Tritium (unfiltered)	pCi/L	-/-	21.1 ±140	U	-7.08 ±150	U
Cesium 137	pCi/smpl	-/-	ANR	ANR	ANR	ANR
<b>METALS</b>						
Antimony	ug/L	-/-	0.94	UJ (B,\$,*3)	1.3	UJ (B,\$)
Arsenic	ug/L	-/-	1.1	--	2.1	J (*3)
Barium	mg/L	-/-	0.024	--	0.020	--
Beryllium	ug/L	-/-	0.10	J (DNQ)	ND < 0.037	U
Boron	mg/L	-/-	0.047	UJ (B)	0.065	UJ (B)
Cadmium	ug/L	-/-	0.13	J (DNQ)	0.091	J (DNQ)
Chromium	ug/L	-/-	3.9	--	1.8	UJ (B)
Chromium VI	ug/L	-/-	ND < 0.045	U	ND < 0.10	U
Cobalt	ug/L	-/-	0.84	J (DNQ)	0.19	J (DNQ)
Copper	ug/L	-/-	4.4	--	3.3	--
Iron	mg/L	-/-	2.2	--	0.46	--
Lead	ug/L	-/-	1.6	--	0.30	J (B,DNQ)
Manganese	ug/L	-/-	43	J (*3)	12	--
Mercury	ug/L	-/-	ND < 0.063	U	ND < 0.063	U
Nickel	ug/L	-/-	3.4	--	0.87	J (B,DNQ)
Selenium	ug/L	-/-	ND < 0.36	U	ND < 0.36	U

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Silver	ug/L	-/-	ND < 0.089	U	ND < 0.089	UJ (*3)
Thallium	ug/L	-/-	ND < 0.075	UJ (*3)	ND < 0.075	U
Vanadium	ug/L	-/-	5.5	-	ND < 0.86	UJ (B)
Zinc	ug/L	-/-	17	J (DNQ)	13	J (*3, DNQ)
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Chloroform	ug/L	-/-	ND < 0.33	U	ND < 0.33	U
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	U	ND < 0.27	U
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
1,1-Dichloroethene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
1,4-Dioxane	ug/L	-/-	ND < 0.49	*	ND < 0.49	*
Ethylbenzene	ug/L	-/-	ND < 0.25	U	ND < 0.25	U
Tetrachloroethene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
Toluene	ug/L	-/-	ND < 0.36	U	ND < 0.36	U
Xylenes (Total)	ug/L	-/-	ND < 0.52	U	ND < 0.52	U
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
Trichloroethene	ug/L	-/-	ND < 0.26	U	ND < 0.26	U
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	U	ND < 0.34	U
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ND < 1.2	*	ND < 1.2	U
Vinyl Chloride	ug/L	-/-	ND < 0.26	U	ND < 0.26	U
<b>TPH</b>						
EFH (C13 - C22)	ug/L	-/-	ND < 0.082	U	ND < 0.082	U
GRO (C4 - C12)	ug/L	-/-	ND < 0.050	U	ND < 0.050	U
TRPH	ug/L	-/-	ND < 0.31	U	ND < 0.31	*
<b>ADDITIONAL ANALYTES</b>						
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ND < 2.5	UJ (*11)	ND < 2.5	UJ (*11)
2,4,5-Trichlorophenol	ug/L	-/-	ND < 0.075	U	ND < 0.075	U
1,1,2,2-Tetrachloroethane	ug/L	-/-	ND < 0.24	U	ND < 0.24	U
1,2,4-Trichlorobenzene	ug/L	-/-	ND < 0.10	U	ND < 0.10	U
1,2-Dichlorobenzene	ug/L	-/-	ND < 0.11	U	ND < 0.11	U
1,2-Dichlorobenzene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
1,2-Dichloropropane	ug/L	-/-	ND < 0.35	U	ND < 0.35	U
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ND < 0.087	U	ND < 0.087	U
1,3-Dichlorobenzene	ug/L	-/-	ND < 0.35	U	ND < 0.35	U
1,3-Dichlorobenzene	ug/L	-/-	ND < 0.13	U	ND < 0.13	U
1,4-Dichlorobenzene	ug/L	-/-	ND < 0.37	U	ND < 0.37	U
1,4-Dichlorobenzene	ug/L	-/-	ND < 0.050	U	ND < 0.050	U
2,4,6-Trichlorophenol	ug/L	-/-	ND < 0.10	U	ND < 0.10	U
2,4-Dichlorophenol	ug/L	-/-	ND < 0.21	U	ND < 0.21	U
2,4-Dimethylphenol	ug/L	-/-	ND < 0.31	U	ND < 0.31	U
2,4-Dinitrophenol	ug/L	-/-	ND < 2.7	UJ (C)	ND < 2.7	U
2,4-Dinitrotoluene	ug/L	-/-	ND < 0.23	U	ND < 0.23	U
2,6-Dinitrotoluene	ug/L	-/-	ND < 0.24	U	ND < 0.24	U
2-Chloroethylvinylether	ug/L	-/-	ND < 1.3	U	ND < 1.3	U
2-Chloronaphthalene	ug/L	-/-	ND < 0.059	U	ND < 0.059	U
2-Chlorophenol	ug/L	-/-	ND < 0.12	U	ND < 0.12	U
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ND < 0.38	UJ (C)	ND < 0.38	U
2-Methylnaphthalene	ug/L	-/-	ND < 0.13	U (B)	ND < 0.13	U

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

**OUTFALL 011-COMPOSITE (Perimeter Pond Weir)  
13267 RESULTS**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/25/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
2-Methylphenol	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
2-Nitrophenol	ug/L	-/-	ND < 0.23	U	ND < 0.23	U
3,3'-Dichlorobenzidine	ug/L	-/-	ND < 0.93	U	ND < 0.93	U
4,4'-DDD	ug/L	-/-	ND < 0.015	U	ND < 0.020	U
4,4'-DDE	ug/L	-/-	ND < 0.020	U	ND < 0.025	U
4,4'-DDT	ug/L	-/-	ND < 0.030	UJ (C)	ND < 0.030	UJ (B,*5)
4-Bromophenylphenylether	ug/L	-/-	ND < 0.12	U	ND < 0.12	U
4-Chloro-3-methylphenol	ug/L	-/-	ND < 0.34	U	ND < 0.34	U
4-Chloroaniline	ug/L	-/-	ND < 0.20	U	ND < 0.20	U
4-Chlorophenylphenylether	ug/L	-/-	ND < 0.056	U	ND < 0.056	U
4-Nitrophenol	ug/L	-/-	ND < 0.73	UJ (C)	ND < 0.73	U
Acenaphthene	ug/L	-/-	ND < 0.10	U	ND < 0.10	U
Acenaphthylene	ug/L	-/-	ND < 0.10	U	ND < 0.10	U
Acrolein	ug/L	-/-	ND < 4.6	R (R)	ND < 4.6	U
Acrylonitrile	ug/L	-/-	ND < 5.1	UJ (C)	ND < 5.1	U
Acute Toxicity	% SURVIVAL	70/-	100	*	100	*
Aldrin	ug/L	-/-	ND < 0.030	U	ND < 0.030	U
alpha-BHC	ug/L	-/-	ND < 0.015	U	ND < 0.015	U
Aniline	ug/L	-/-	ND < 2.9	U	ND < 2.9	U
Anthracene	ug/L	-/-	ND < 0.083	U	ND < 0.083	U
Aroclor-1016	ug/L	-/-	ND < 0.20	U	ND < 0.20	U
Aroclor-1221	ug/L	-/-	ND < 0.10	U	ND < 0.10	U
Aroclor-1232	ug/L	-/-	ND < 0.15	U	ND < 0.15	U
Aroclor-1242	ug/L	-/-	ND < 0.15	U	ND < 0.15	U
Aroclor-1248	ug/L	-/-	ND < 0.25	U	ND < 0.25	UJ (C)
Aroclor-1254	ug/L	-/-	ND < 0.25	U	ND < 0.25	UJ (C)
Aroclor-1260	ug/L	-/-	ND < 0.40	U	ND < 0.40	UJ (C)
Benzidine	ug/L	-/-	ND < 2.4	UJ (*5)	ND < 3.2	UJ (*5)
Benzo(a)anthracene	ug/L	-/-	ND < 0.038	U	ND < 0.038	U
Benzo(a)pyrene	ug/L	-/-	ND < 0.14	U	ND < 0.14	U
Benzo(b)fluoranthene	ug/L	-/-	ND < 0.050	U	ND < 0.050	U
Benzo(g,h,i)perylene	ug/L	-/-	ND < 0.059	U	ND < 0.059	U
Benzo(k)fluoranthene	ug/L	-/-	ND < 0.053	U	ND < 0.053	U
Benzoic acid	ug/L	-/-	ND < 3.7	UJ (C)	ND < 3.7	UJ (C)
Benzyl alcohol	ug/L	-/-	0.27	J (DNQ)	ND < 0.21	U
beta-BHC	ug/L	-/-	ND < 0.015	U	ND < 0.015	U
bis (2-Chloroethyl) ether	ug/L	-/-	ND < 0.084	U	ND < 0.084	U
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ND < 1.1	U	ND < 1.1	U
bis(2-Chloroethoxy) methane	ug/L	-/-	ND < 0.072	U	ND < 0.072	U
bis(2-Chloroisopropyl) ether	ug/L	-/-	ND < 0.11	U	ND < 0.11	U
Bromodichloromethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
Bromoform	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
Bromomethane	ug/L	-/-	ND < 0.34	U	ND < 0.34	U
Butylbenzylphthalate	ug/L	-/-	ND < 0.34	U	ND < 0.34	UJ (B)
Chlordane	ug/L	-/-	ND < 0.20	U	ND < 0.20	U
Chlorobenzene	ug/L	-/-	ND < 0.36	U	ND < 0.36	U
Chloroethane	ug/L	-/-	ND < 0.33	U	ND < 0.33	U
Chloromethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
Chronic Toxicity	TUC	1.0/-	1.0	*	1.0	*
Chrysene	ug/L	-/-	ND < 0.072	U	ND < 0.072	U

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**OUTFALL 011-COMPOSITE (Perimeter Pond Weir)  
13267 RESULTS**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

February 1 through February 28, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/11/2005		2/25/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
cis-1,3-Dichloropropene	ug/L	-/-	ND < 0.22	U	ND < 0.22	U
Cyclohexane	ug/l	-/-	ND < 2.5	UJ (*11)	ND < 2.5	UJ (*11)
delta-BHC	ug/L	-/-	ND < 0.020	U	ND < 0.020	U
Dibenzo(a,h)anthracene	ug/L	-/-	ND < 0.083	U	ND < 0.083	U
Dibenzofuran	ug/L	-/-	ND < 0.075	U	ND < 0.075	U
Dibromochloromethane	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Dieldrin	ug/L	-/-	ND < 0.015	U	ND < 0.015	U
Diethylphthalate	ug/L	-/-	ND < 0.12	U	ND < 0.12	UJ (B)
Dimethylphthalate	ug/L	-/-	ND < 0.081	U	ND < 0.081	U
Di-n-butylphthalate	ug/L	-/-	ND < 0.26	U	ND < 0.26	U
Di-n-octylphthalate	ug/L	-/-	ND < 0.17	U	ND < 0.17	U
Endosulfan I	ug/L	-/-	ND < 0.015	U	ND < 0.015	U
Endosulfan II	ug/L	-/-	ND < 0.040	U	ND < 0.040	U
Endosulfan sulfate	ug/L	-/-	ND < 0.015	U	ND < 0.015	U
Endrin	ug/L	-/-	ND < 0.015	U	ND < 0.020	U
Endrin aldehyde	ug/L	-/-	ND < 0.045	UJ (C)	ND < 0.045	U
Endrin ketone	ug/L	-/-	ND < 0.020	UJ (C)	ND < 0.020	U
Fluoranthene	ug/L	-/-	ND < 0.089	U	ND < 0.089	U
Fluorene	ug/L	-/-	ND < 0.075	U	ND < 0.075	U
Heptachlor	ug/L	-/-	ND < 0.030	UJ (C)	ND < 0.030	U
Heptachlor epoxide	ug/L	-/-	ND < 0.020	U	ND < 0.020	U
Hexachlorobenzene	ug/L	-/-	ND < 0.13	U	ND < 0.13	U
Hexachlorobutadiene	ug/L	-/-	ND < 0.38	U	ND < 0.38	U
Hexachlorocyclopentadiene	ug/L	-/-	ND < 1.8	U	ND < 1.8	U
Hexachloroethane	ug/L	-/-	ND < 0.51	U	ND < 0.51	U
Hydrazine	ug/L	-/-	ND < 0.39	U	ND < 0.39	UJ (H)
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ND < 0.19	U	ND < 0.19	U
Isophorone	ug/L	-/-	ND < 0.059	U	ND < 0.059	U
Lindane (gamma-BHC)	ug/L	-/-	ND < 0.015	U	ND < 0.020	U
Methoxychlor	ug/L	-/-	ND < 0.035	UJ (C)	ND < 0.035	U
Methylene Chloride	ug/L	-/-	ND < 0.48	U	1.1	J (DNQ)
Monomethyl Hydrazine	ug/L	-/-	ND < 1.2	U	ND < 1.2	UJ (H)
m-Nitroaniline	ug/L	-/-	ND < 0.35	U	ND < 0.35	U
Naphthalene	ug/L	-/-	ND < 0.13	U	ND < 0.13	U
Nitrobenzene	ug/L	-/-	ND < 0.10	U	ND < 0.10	U
n-Nitrosodimethylamine	ug/L	-/-	ND < 0.22	UJ (*5,C)	ND < 0.22	U
n-Nitroso-di-n-propylamine	ug/L	-/-	ND < 0.18	U	ND < 0.18	U
n-Nitrosodiphenylamine	ug/L	-/-	ND < 0.077	U	ND < 0.077	U
o-Nitroaniline	ug/L	-/-	ND < 0.18	U	ND < 0.18	U
p-Cresol	ug/L	-/-	ND < 0.20	U	ND < 0.20	U
Pentachlorophenol	ug/L	-/-	ND < 0.78	U	ND < 0.78	U
Phenanthrene	ug/L	-/-	ND < 0.071	U	ND < 0.071	U
Phenol	ug/L	-/-	ND < 0.14	U	ND < 0.14	U
p-Nitroaniline	ug/L	-/-	ND < 0.49	UJ (C)	ND < 0.49	UJ (C)
Pyrene	ug/L	-/-	ND < 0.059	U	ND < 0.059	U
Toxaphene	ug/L	-/-	ND < 1.5	U	ND < 1.5	U
trans-1,2-Dichloroethene	ug/L	-/-	ND < 0.27	U	ND < 0.27	U
trans-1,3-Dichloropropene	ug/L	-/-	ND < 0.24	U	ND < 0.24	U
Unsymmetrical Dimethyl Hydrazine	ug/L	-/-	ND < 0.27	U	ND < 0.27	UJ (H)

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**OUTFALL 011-GRAB (Perimeter Pond Weir)  
13267 RESULTS**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/18/2005		3/25/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	ND < 0.30	U	0.56	--
Biochemical Oxygen Demand (BOD 5 day)	mg/L	-/-	1.6	J (DNQ)	0.91	J (DNQ)
Chloride	mg/L	-/-	15	--	8.4	--
Specific Conductivity (Lab)	umhos/cm	-/-	360	--	210	--
Surfactants (MBAS)	mg/L	-/-	0.080	J (DNQ)	ND < 0.044	U
Fluoride	mg/L	-/-	0.36	UJ (B)	0.25	J (DNQ)
Nitrate + Nitrite as Nitrogen (N)	mg/L	-/-	ND < 0.072	U	0.14	--
Oil & Grease	mg/L	-/-	ND < 0.94	U	1.6	J (DNQ)
Perchlorate	ug/L	-/-	ND < 0.80	U	ND < 0.80	U
pH (Field)	pH units	6.5-8.5/-	6.73	--	6.7	--
Total Settleable Solids	ml/L	-/-	ND < 0.10	U	ND < 0.10	U
Sulfate	mg/L	-/-	42	--	20	--
Temperature	deg. F	86/-	60.4	--	59.7	--
Total Cyanide	ug/L	-/-	ND < 6.2	UJ (B,C,S)	ND < 5.2	UJ (B,S)
Total Dissolved Solids	mg/L	-/-	220	--	120	--
Total Organic Carbon	mg/L	-/-	13	--	11	--
Total Residual Chlorine	mg/L	-/-	ND < 0.10	U	ND < 0.10	U
Total Suspended Solids	mg/L	-/-	ND < 10	U	ND < 10	U
Turbidity	NTU	-/-	3.1	--	4.4	--
Volume Discharged	MGD	-/-	0.084	*	0.158	*
<b>RADIOACTIVITY</b>						
Gross Alpha (filtered)	pCi/L	-/-	PENDING	PENDING	PENDING	PENDING
Gross Alpha (unfiltered)	pCi/L	-/-	PENDING	PENDING	PENDING	PENDING
Gross Beta (filtered)	pCi/L	-/-	PENDING	PENDING	PENDING	PENDING
Gross Beta (unfiltered)	pCi/L	-/-	PENDING	PENDING	PENDING	PENDING
Strontium-90 (filtered)	pCi/L	-/-	PENDING	PENDING	PENDING	PENDING
Strontium-90 (unfiltered)	pCi/L	-/-	PENDING	PENDING	PENDING	PENDING
Total Combined Radium-226 & Radium 228 (filtered)	pCi/L	-/-	PENDING	PENDING	PENDING	PENDING
Total Combined Radium-226 & Radium 228 (unfiltered)	pCi/L	-/-	PENDING	PENDING	PENDING	PENDING
Tritium (filtered)	pCi/L	-/-	PENDING	PENDING	PENDING	PENDING
Tritium (unfiltered)	pCi/L	-/-	PENDING	PENDING	PENDING	PENDING
Cesium 137	pCi/smpl	-/-	PENDING	PENDING	PENDING	PENDING
<b>METALS</b>						
Antimony	ug/L	-/-	1.3	UJ (B,*3,S)	0.34	UJ (*3,B)
Arsenic	ug/L	-/-	2.4	--	2.7	J (I)
Barium	mg/L	-/-	0.036	--	0.023	--
Beryllium	ug/L	-/-	ND < 0.037	U	0.041	J (DNQ)
Boron	mg/L	-/-	0.090	--	0.092	UJ (B)
Cadmium	ug/L	-/-	0.085	J (DNQ)	0.22	J (DNQ)
Chromium	ug/L	-/-	1.0	J (B,DNQ)	1.2	UJ (B)
Chromium VI	ug/L	-/-	ND < 0.10	U	ND < 0.10	U
Cobalt	ug/L	-/-	0.35	J (DNQ)	0.29	J (DNQ)
Copper	ug/L	-/-	4.0	--	3.9	--
Iron	mg/L	-/-	0.29	--	0.43	--
Lead	ug/L	-/-	0.30	J (DNQ)	0.46	J (DNQ)
Manganese	ug/L	-/-	65	--	36	--
Mercury	ug/L	-/-	ND < 0.063	U	ND < 0.063	U

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**OUTFALL 011-GRAB (Perimeter Pond Weir)  
13267 RESULTS**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/18/2005		3/25/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Nickel	ug/L	-/-	2.5	UJ (B)	3.4	--
Selenium	ug/L	-/-	0.55	J (DNQ)	ND < 0.36	U
Silver	ug/L	-/-	ND < 0.089	U	ND < 0.089	U
Thallium	ug/L	-/-	ND < 0.075	U	0.21	UJ (B)
Vanadium	ug/L	-/-	2.0	--	ND < 0.86	U
Zinc	ug/L	-/-	12	J (DNQ)	13	J (DNQ)
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Chloroform	ug/L	-/-	ND < 0.33	U	ND < 0.33	U
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	UJ (C)	ND < 0.27	U
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	UJ (C)	ND < 0.28	U
1,1-Dichloroethene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
1,4-Dioxane	ug/L	-/-	ND < 0.49	U	ND < 0.49	*
Ethylbenzene	ug/L	-/-	ND < 0.25	U	ND < 0.25	U
Tetrachloroethene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
Toluene	ug/L	-/-	ND < 0.36	U	ND < 0.36	U
Xylenes (Total)	ug/L	-/-	ND < 0.52	U	ND < 0.52	U
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
Trichloroethene	ug/L	-/-	ND < 0.26	U	ND < 0.26	U
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	UJ (C)	ND < 0.34	U
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ND < 1.2	U	ND < 1.2	U
Vinyl Chloride	ug/L	-/-	ND < 0.26	U	ND < 0.26	U
<b>TPH</b>						
EFH (C13 - C22)	ug/L	-/-	ND < 82	U	ND < 82	U
GRO (C4 - C12)	ug/L	-/-	ND < 50	U	ND < 50	U
TRPH	ug/L	-/-	ND < 310	U	ND < 310	U
<b>ADDITIONAL ANALYTES</b>						
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ND < 2.5	UJ (*11)	ND < 2.5	UJ (*11)
2,4,5-Trichlorophenol	ug/L	-/-	ND < 0.15	U	ND < 0.075	U
1,1,2,2-Tetrachloroethane	ug/L	-/-	ND < 0.24	U	ND < 0.24	U
1,2,4-Trichlorobenzene	ug/L	-/-	ND < 0.20	U	ND < 0.10	U
1,2-Dichlorobenzene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
1,2-Dichlorobenzene	ug/L	-/-	ND < 0.22	U	ND < 0.11	U
1,2-Dichloropropane	ug/L	-/-	ND < 0.35	U	ND < 0.35	U
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ND < 0.17	U	ND < 0.087	U
1,3-Dichlorobenzene	ug/L	-/-	ND < 0.35	U	ND < 0.35	U
1,3-Dichlorobenzene	ug/L	-/-	ND < 0.26	U	ND < 0.13	U
1,4-Dichlorobenzene	ug/L	-/-	ND < 0.37	U	ND < 0.37	U
1,4-Dichlorobenzene	ug/L	-/-	ND < 0.10	U	ND < 0.050	U
2,4,6-Trichlorophenol	ug/L	-/-	ND < 0.20	U	ND < 0.10	U
2,4-Dichlorophenol	ug/L	-/-	ND < 0.42	U	ND < 0.21	U
2,4-Dimethylphenol	ug/L	-/-	ND < 0.62	U	ND < 0.31	U
2,4-Dinitrophenol	ug/L	-/-	ND < 5.4	U	ND < 2.7	U
2,4-Dinitrotoluene	ug/L	-/-	ND < 0.46	U	ND < 0.23	U
2,6-Dinitrotoluene	ug/L	-/-	ND < 0.48	U	ND < 0.24	U
2-Chloroethylvinylether	ug/L	-/-	ND < 1.3	U	ND < 1.3	U

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and other explanations for the data presented.

**OUTFALL 011-GRAB (Perimeter Pond Weir)  
13267 RESULTS**

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

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/18/2005		3/25/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
2-Chloronaphthalene	ug/L	-/-	ND < 0.12	U	ND < 0.059	U
2-Chlorophenol	ug/L	-/-	ND < 0.24	U	ND < 0.12	U
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ND < 0.76	UJ (C)	ND < 0.38	UJ (C)
2-Methylnaphthalene	ug/L	-/-	ND < 0.26	U	ND < 0.13	U
2-Methylphenol	ug/l	-/-	ND < 0.56	U	ND < 0.28	U
2-Nitrophenol	ug/L	-/-	ND < 0.46	U	ND < 0.23	U
3,3'-Dichlorobenzidine	ug/L	-/-	ND < 1.9	UJ (C)	ND < 0.93	U
4,4'-DDD	ug/L	-/-	ND < 0.020	U	ND < 0.020	UJ (S)
4,4'-DDE	ug/L	-/-	ND < 0.025	U	ND < 0.025	UJ (S)
4,4'-DDT	ug/L	-/-	0.039	J (DNQ)	ND < 0.030	UJ (S)
4-Bromophenylphenylether	ug/L	-/-	ND < 0.24	U	ND < 0.12	U
4-Chloro-3-methylphenol	ug/L	-/-	ND < 0.68	U	ND < 0.34	U
4-Chloroaniline	ug/L	-/-	ND < 0.40	U	ND < 0.20	U
4-Chlorophenylphenylether	ug/L	-/-	ND < 0.11	U	ND < 0.056	U
4-Nitrophenol	ug/L	-/-	ND < 1.5	U	ND < 0.73	U
Acenaphthene	ug/L	-/-	ND < 0.20	U	ND < 0.10	U
Acenaphthylene	ug/L	-/-	ND < 0.20	U	ND < 0.10	U
Acrolein	ug/L	-/-	ND < 4.6	R (R)	ND < 4.6	R (R)
Acrylonitrile	ug/L	-/-	ND < 5.1	U	ND < 5.1	U
Acute Toxicity	% SURVIVAL	70/-	100	*	100	*
Aldrin	ug/L	-/-	ND < 0.030	U	ND < 0.030	UJ (S)
alpha-BHC	ug/L	-/-	ND < 0.015	U	ND < 0.015	UJ (S)
Aniline	ug/L	-/-	ND < 5.8	U	ND < 2.9	U
Anthracene	ug/L	-/-	ND < 0.17	U	ND < 0.083	U
Aroclor-1016	ug/L	-/-	ND < 0.20	U	ND < 0.20	UJ (S)
Aroclor-1221	ug/L	-/-	ND < 0.10	U	ND < 0.10	UJ (S)
Aroclor-1232	ug/L	-/-	ND < 0.15	U	ND < 0.15	UJ (S)
Aroclor-1242	ug/L	-/-	ND < 0.15	U	ND < 0.15	UJ (S)
Aroclor-1248	ug/L	-/-	ND < 0.25	U	ND < 0.25	UJ (S)
Aroclor-1254	ug/L	-/-	ND < 0.25	U	ND < 0.25	UJ (S)
Aroclor-1260	ug/L	-/-	ND < 0.40	U	ND < 0.40	UJ (S)
Benzidine	ug/L	-/-	ND < 4.8	R (L)	ND < 2.4	R (L)
Benzo(a)anthracene	ug/L	-/-	ND < 0.076	U	ND < 0.038	U
Benzo(a)pyrene	ug/L	-/-	ND < 0.28	U	ND < 0.14	U
Benzo(b)fluoranthene	ug/L	-/-	ND < 0.10	U	ND < 0.050	U
Benzo(g,h,i)perylene	ug/L	-/-	ND < 0.12	U	ND < 0.059	U
Benzo(k)fluoranthene	ug/L	-/-	ND < 0.11	U	ND < 0.053	U
Benzoic acid	ug/L	-/-	ND < 7.4	UJ (C)	ND < 3.7	UJ (C)
Benzyl alcohol	ug/L	-/-	ND < 0.42	U	ND < 0.21	U
beta-BHC	ug/L	-/-	ND < 0.015	U	ND < 0.015	UJ (S)
bis (2-Chloroethyl) ether	ug/L	-/-	ND < 0.17	U	ND < 0.084	U
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ND < 2.2	U	ND < 1.1	U
bis(2-Chloroethoxy) methane	ug/L	-/-	ND < 0.14	U	ND < 0.072	U
bis(2-Chloroisopropyl) ether	ug/L	-/-	ND < 0.22	U	ND < 0.11	U
Bromodichloromethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
Bromoform	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
Bromomethane	ug/L	-/-	ND < 0.34	UJ (C)	ND < 0.34	U
Butylbenzylphthalate	ug/L	-/-	ND < 0.68	U (B)	ND < 0.34	U (B)

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



**OUTFALL 011-GRAB (Perimeter Pond Weir)  
13267 RESULTS**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/18/2005		3/25/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chlordane	ug/L	-/-	ND < 0.20	U	ND < 0.20	UJ (S)
Chlorobenzene	ug/L	-/-	ND < 0.36	U	ND < 0.36	U
Chloroethane	ug/L	-/-	ND < 0.33	UJ (C)	ND < 0.33	U
Chloromethane	ug/L	-/-	ND < 0.30	UJ (C)	ND < 0.30	U
Chronic Toxicity	TUC	1.0/-	1.0	*	1.0	*
Chrysene	ug/L	-/-	ND < 0.14	U	ND < 0.072	U
cis-1,3-Dichloropropene	ug/L	-/-	ND < 0.22	U	ND < 0.22	U
Cyclohexane	ug/L	-/-	ND < 2.5	UJ (*11)	ND < 2.5	UJ (*11)
delta-BHC	ug/L	-/-	ND < 0.020	U	ND < 0.020	UJ (S)
Dibenzo(a,h)anthracene	ug/L	-/-	ND < 0.17	U	ND < 0.083	U
Dibenzofuran	ug/L	-/-	ND < 0.15	U	ND < 0.075	U
Dibromochloromethane	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Dieldrin	ug/L	-/-	ND < 0.015	U	ND < 0.015	UJ (S)
Diethylphthalate	ug/L	-/-	ND < 0.24	U (B)	ND < 0.12	U (B)
Dimethylphthalate	ug/L	-/-	ND < 0.16	U	ND < 0.081	U
Di-n-butylphthalate	ug/L	-/-	ND < 0.52	U	ND < 0.26	U (B)
Di-n-octylphthalate	ug/L	-/-	ND < 0.34	U	ND < 0.17	U
Endosulfan I	ug/L	-/-	ND < 0.015	U	ND < 0.015	UJ (S)
Endosulfan II	ug/L	-/-	ND < 0.040	U	ND < 0.040	UJ (S)
Endosulfan sulfate	ug/L	-/-	ND < 0.015	U	ND < 0.015	UJ (S)
Endrin	ug/L	-/-	ND < 0.020	U	ND < 0.020	UJ (S)
Endrin aldehyde	ug/L	-/-	ND < 0.045	U	ND < 0.045	UJ (S)
Endrin ketone	ug/L	-/-	ND < 0.020	U	ND < 0.020	UJ (S)
Fluoranthene	ug/L	-/-	ND < 0.18	U	ND < 0.089	U
Fluorene	ug/L	-/-	ND < 0.15	U	ND < 0.075	U
Heptachlor	ug/L	-/-	ND < 0.030	U	ND < 0.030	UJ (S)
Heptachlor epoxide	ug/L	-/-	ND < 0.020	U	ND < 0.020	UJ (S)
Hexachlorobenzene	ug/L	-/-	ND < 0.26	U	ND < 0.13	U
Hexachlorobutadiene	ug/L	-/-	ND < 0.76	U	ND < 0.38	U
Hexachlorocyclopentadiene	ug/L	-/-	ND < 3.6	U	ND < 1.8	UJ (C)
Hexachloroethane	ug/L	-/-	ND < 1.0	U	ND < 0.51	U
Hydrazine	ug/L	-/-	ND < 0.39	U	ND < 0.39	U
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ND < 0.38	U	ND < 0.19	U
Isophorone	ug/L	-/-	ND < 0.12	U	ND < 0.059	U
Lindane (gamma-BHC)	ug/L	-/-	ND < 0.020	U	ND < 0.020	UJ (S)
Methoxychlor	ug/L	-/-	ND < 0.035	U	ND < 0.035	UJ (S)
Methylene Chloride	ug/L	-/-	ND < 0.48	U	ND < 0.48	U
m-Nitroaniline	ug/L	-/-	ND < 0.70	U	ND < 0.35	U
Monomethyl Hydrazine	ug/L	-/-	ND < 1.2	U	ND < 1.2	U
Naphthalene	ug/L	-/-	ND < 0.26	U	ND < 0.13	U
Nitrobenzene	ug/L	-/-	ND < 0.20	U	ND < 0.10	U
n-Nitrosodimethylamine	ug/L	-/-	ND < 0.44	U	ND < 0.22	U
n-Nitroso-di-n-propylamine	ug/L	-/-	ND < 0.36	U	ND < 0.18	U
n-Nitrosodiphenylamine	ug/L	-/-	ND < 0.15	U	ND < 0.077	U
o-Nitroaniline	ug/L	-/-	ND < 0.36	U	ND < 0.18	U
p-Cresol	ug/L	-/-	ND < 0.40	U	ND < 0.20	U
Pentachlorophenol	ug/L	-/-	ND < 1.6	U	ND < 0.78	U
Phenanthrene	ug/L	-/-	ND < 0.14	U	ND < 0.071	U

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and other explanations for the data presented.



**OUTFALL 011-GRAB (Perimeter Pond Weir)  
13267 RESULTS**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/18/2005		3/25/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Phenol	ug/L	-/-	ND < 0.28	U	ND < 0.14	U
p-Nitroaniline	ug/L	-/-	ND < 0.98	U	ND < 0.49	U
Pyrene	ug/L	-/-	ND < 0.12	U	ND < 0.059	U
Toxaphene	ug/L	-/-	ND < 1.5	U	ND < 1.5	UJ (S)
trans-1,2-Dichloroethene	ug/L	-/-	ND < 0.27	U	ND < 0.27	U
trans-1,3-Dichloropropene	ug/L	-/-	ND < 0.24	U	ND < 0.24	U
Unsymmetrical Dimethyl Hydrazine	ug/L	-/-	ND < 0.27	U	ND < 0.27	U

**OUTFALL 011-COMPOSITE (Perimeter Pond Weir)  
13267 RESULTS**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

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ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/18/2005		3/25/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	-/-	0.56	--	ND < 0.30	U
Biochemical Oxygen Demand (BOD 5 day)	mg/L	-/-	3.8	--	1.1	J (DNQ)
Chloride	mg/L	-/-	15	--	9.2	--
Specific Conductivity (Lab)	umhos/cm	-/-	350	--	220	--
Surfactants (MBAS)	mg/L	-/-	0.064	--	ND < 0.044	U
Fluoride	mg/L	-/-	0.36	UJ (B)	0.25	J (DNQ)
Nitrate + Nitrite as Nitrogen (N)	mg/L	-/-	ND < 0.072	U	0.15	--
Oil & Grease	mg/L	-/-	ND < 0.94	U	ND < 0.94	U
Perchlorate	ug/L	-/-	ND < 0.80	U	ND < 0.80	U
pH (Field)	pH units	6.5-8.5/-	6.73	--	6.7	--
Total Settleable Solids	m/L	-/-	ND < 0.10	U	ND < 0.10	U
Sulfate	mg/L	-/-	41	--	22	--
Temperature	deg. F	86/-	60.4	--	59.7	--
Total Cyanide	ug/L	-/-	ND < 6.2	UJ (B,C,\$)	ND < 5.6	UJ (B,\$)
Total Dissolved Solids	mg/L	-/-	230	--	140	--
Total Organic Carbon	mg/L	-/-	13	--	10	--
Total Residual Chlorine	mg/L	-/-	ND < 0.10	U	ND < 0.10	U
Total Suspended Solids	mg/L	-/-	ND < 10	U	ND < 10	U
Turbidity	NTU	-/-	2.4	--	4.2	--
Volume Discharged	MGD	-/-	0.084	*	0.158	*
<b>RADIOACTIVITY</b>						
Gross Alpha (filtered)	pCi/L	-/-	ANR	ANR	ANR	ANR
Gross Alpha (unfiltered)	pCi/L	-/-	PENDING	PENDING	PENDING	PENDING
Gross Beta (filtered)	pCi/L	-/-	ANR	ANR	ANR	ANR
Gross Beta (unfiltered)	pCi/L	-/-	PENDING	PENDING	PENDING	PENDING
Strontium-90 (filtered)	pCi/L	-/-	ANR	ANR	ANR	ANR
Strontium-90 (unfiltered)	pCi/L	-/-	PENDING	PENDING	PENDING	PENDING
Total Combined Radium-226 & Radium 228 (filtered)	pCi/L	-/-	ANR	ANR	ANR	ANR
Total Combined Radium-226 & Radium 228 (unfiltered)	pCi/L	-/-	ANR	ANR	ANR	ANR
Tritium (filtered)	pCi/L	-/-	ANR	ANR	ANR	ANR
Tritium (unfiltered)	pCi/L	-/-	PENDING	PENDING	PENDING	PENDING
Cesium 137	pCi/smpl	-/-	ANR	ANR	ANR	ANR
<b>METALS</b>						
Antimony	ug/L	-/-	1.3	UJ (B,*3,\$)	0.29	UJ (*3,B)
Arsenic	ug/L	-/-	2.1	--	2.6	J (I)
Barium	mg/L	-/-	0.036	--	0.024	--
Beryllium	ug/L	-/-	ND < 0.037	U	ND < 0.037	U
Boron	mg/L	-/-	0.090	--	0.095	UJ (B)
Cadmium	ug/L	-/-	0.079	J (DNQ)	0.20	J (DNQ)
Chromium	ug/L	-/-	0.93	J (B,DNQ)	1.4	UJ (B)
Chromium VI	ug/L	-/-	ND < 0.10	U	ND < 0.10	U
Cobalt	ug/L	-/-	0.33	J (DNQ)	0.29	J (DNQ)
Copper	ug/L	-/-	3.0	--	3.7	--
Iron	mg/L	-/-	0.27	--	0.43	--
Lead	ug/L	-/-	0.39	J (DNQ)	0.43	J (DNQ)
Manganese	ug/L	-/-	56	--	41	--
Mercury	ug/L	-/-	ND < 0.063	U	ND < 0.063	U
Nickel	ug/L	-/-	1.9	UJ (B)	3.5	--
Selenium	ug/L	-/-	0.43	J (DNQ)	ND < 0.36	U

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**OUTFALL 011-COMPOSITE (Perimeter Pond Weir)  
13267 RESULTS**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/18/2005		3/25/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Silver	ug/L	-/-	ND < 0.089	U	ND < 0.089	U
Thallium	ug/L	-/-	ND < 0.075	U	ND < 0.075	U
Vanadium	ug/L	-/-	1.3	J (DNQ)	1.2	J (DNQ)
Zinc	ug/L	-/-	9.8	J (DNQ)	13	J (DNQ)
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Chloroform	ug/L	-/-	ND < 0.33	U	ND < 0.33	U
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	U	ND < 0.27	U
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
1,1-Dichloroethene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
1,4-Dioxane	ug/L	-/-	ND < 0.49	U	ND < 0.49	*
Ethylbenzene	ug/L	-/-	ND < 0.25	U	ND < 0.25	U
Tetrachloroethene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
Toluene	ug/L	-/-	ND < 0.36	U	ND < 0.36	U
Xylenes (Total)	ug/L	-/-	ND < 0.52	U	ND < 0.52	U
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
Trichloroethene	ug/L	-/-	ND < 0.26	U	ND < 0.26	U
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	U	ND < 0.34	U
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ND < 1.2	U	ND < 1.2	U
Vinyl Chloride	ug/L	-/-	ND < 0.26	U	ND < 0.26	U
<b>TPH</b>						
EFH (C13 - C22)	ug/L	-/-	ND < 82	U	ND < 82	U
GRO (C4 - C12)	ug/L	-/-	ND < 50	U	ND < 50	U
TRPH	ug/L	-/-	ND < 310	U	ND < 310	U
<b>ADDITIONAL ANALYTES</b>						
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ND < 2.5	UJ (*11)	ND < 2.5	UJ (*11)
2,4,5-Trichlorophenol	ug/L	-/-	ND < 0.15	U	ND < 0.075	U
1,1,2,2-Tetrachloroethane	ug/L	-/-	ND < 0.24	U	ND < 0.24	U
1,2,4-Trichlorobenzene	ug/L	-/-	ND < 0.20	U	ND < 0.10	U
1,2-Dichlorobenzene	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
1,2-Dichlorobenzene	ug/L	-/-	ND < 0.22	U	ND < 0.11	U
1,2-Dichloropropane	ug/L	-/-	ND < 0.35	U	ND < 0.35	U
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ND < 0.17	U	ND < 0.087	U
1,3-Dichlorobenzene	ug/L	-/-	ND < 0.35	U	ND < 0.35	U
1,3-Dichlorobenzene	ug/L	-/-	ND < 0.26	U	ND < 0.13	U
1,4-Dichlorobenzene	ug/L	-/-	ND < 0.37	U	ND < 0.37	U
1,4-Dichlorobenzene	ug/L	-/-	ND < 0.10	U	ND < 0.050	U
2,4,6-Trichlorophenol	ug/L	-/-	ND < 0.20	U	ND < 0.10	U
2,4-Dichlorophenol	ug/L	-/-	ND < 0.42	U	ND < 0.21	U
2,4-Dimethylphenol	ug/L	-/-	ND < 0.62	U	ND < 0.31	U
2,4-Dinitrophenol	ug/L	-/-	ND < 5.4	U	ND < 2.7	U
2,4-Dinitrotoluene	ug/L	-/-	ND < 0.46	U	ND < 0.23	U
2,6-Dinitrotoluene	ug/L	-/-	ND < 0.48	U	ND < 0.24	U
2-Chloroethylvinylether	ug/L	-/-	ND < 1.3	U	ND < 1.3	U
2-Chloronaphthalene	ug/L	-/-	ND < 0.12	U	ND < 0.059	U
2-Chlorophenol	ug/L	-/-	ND < 0.24	U	ND < 0.12	U
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ND < 0.76	UJ (C)	ND < 0.38	UJ (C)
2-Methylnaphthalene	ug/L	-/-	ND < 0.26	U	ND < 0.13	U

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13267 RESULTS**

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

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ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/18/2005		3/25/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
2-Methylphenol	ug/L	-/-	ND < 0.56	U	ND < 0.28	U
2-Nitrophenol	ug/L	-/-	ND < 0.46	U	ND < 0.23	U
3,3'-Dichlorobenzidine	ug/L	-/-	ND < 1.9	UJ (C)	ND < 0.93	U
4,4'-DDD	ug/L	-/-	ND < 0.020	UJ (S)	ND < 0.020	UJ (S)
4,4'-DDE	ug/L	-/-	ND < 0.025	UJ (S)	ND < 0.025	UJ (S)
4,4'-DDT	ug/L	-/-	0.11	J (S)	ND < 0.030	UJ (S)
4-Bromophenylphenylether	ug/L	-/-	ND < 0.24	U	ND < 0.12	U
4-Chloro-3-methylphenol	ug/L	-/-	ND < 0.68	U	ND < 0.34	U
4-Chloroaniline	ug/L	-/-	ND < 0.40	U	ND < 0.20	U
4-Chlorophenylphenylether	ug/L	-/-	ND < 0.11	U	ND < 0.056	U
4-Nitrophenol	ug/L	-/-	ND < 1.5	U	ND < 0.73	U
Acenaphthene	ug/L	-/-	ND < 0.20	U	ND < 0.10	U
Acenaphthylene	ug/L	-/-	ND < 0.20	U	ND < 0.10	U
Acrolein	ug/L	-/-	ND < 4.6	R (R)	ND < 4.6	R (R)
Acrylonitrile	ug/L	-/-	ND < 5.1	U	ND < 5.1	U
Acute Toxicity	% SURVIVAL	70-100/-	100	*	100	*
Aldrin	ug/L	-/-	ND < 0.030	UJ (S)	ND < 0.030	UJ (S)
alpha-BHC	ug/L	-/-	ND < 0.015	UJ (S)	ND < 0.015	UJ (S)
Aniline	ug/L	-/-	ND < 5.8	U	ND < 2.9	U
Anthracene	ug/L	-/-	ND < 0.17	U	ND < 0.083	U
Aroclor-1016	ug/L	-/-	ND < 0.20	UJ (S)	ND < 0.20	UJ (S)
Aroclor-1221	ug/L	-/-	ND < 0.10	UJ (S)	ND < 0.10	UJ (S)
Aroclor-1232	ug/L	-/-	ND < 0.15	UJ (S)	ND < 0.15	UJ (S)
Aroclor-1242	ug/L	-/-	ND < 0.15	UJ (S)	ND < 0.15	UJ (S)
Aroclor-1248	ug/L	-/-	ND < 0.25	UJ (S)	ND < 0.25	UJ (S)
Aroclor-1254	ug/L	-/-	ND < 0.25	UJ (S)	ND < 0.25	UJ (S)
Aroclor-1260	ug/L	-/-	ND < 0.40	UJ (S)	ND < 0.40	UJ (S)
Benzidine	ug/L	-/-	ND < 4.8	R (L)	ND < 2.4	R (L)
Benzo(a)anthracene	ug/L	-/-	ND < 0.076	U	ND < 0.038	U
Benzo(a)pyrene	ug/L	-/-	ND < 0.28	U	ND < 0.14	U
Benzo(b)fluoranthene	ug/L	-/-	ND < 0.10	U	ND < 0.050	U
Benzo(g,h)Dperylene	ug/L	-/-	ND < 0.12	U	ND < 0.059	U
Benzo(k)fluoranthene	ug/L	-/-	ND < 0.11	U	ND < 0.053	U
Benzoic acid	ug/L	-/-	ND < 7.4	UJ (C)	ND < 3.7	UJ (C)
Benzyl alcohol	ug/L	-/-	ND < 0.42	U	ND < 0.21	U
beta-BHC	ug/L	-/-	ND < 0.015	UJ (S)	ND < 0.015	UJ (S)
bis (2-Chloroethyl) ether	ug/L	-/-	ND < 0.17	U	ND < 0.084	U
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ND < 2.2	U	ND < 1.1	U
bis(2-Chloroethoxy) methane	ug/L	-/-	ND < 0.14	U	ND < 0.072	U
bis(2-Chloroisopropyl) ether	ug/L	-/-	ND < 0.22	U	ND < 0.11	U
Bromodichloromethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
Bromoform	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
Bromomethane	ug/L	-/-	ND < 0.34	U	ND < 0.34	U
Butylbenzylphthalate	ug/L	-/-	ND < 0.68	U (B)	ND < 0.34	U (B)
Chlordane	ug/L	-/-	ND < 0.20	UJ (S)	ND < 0.20	UJ (S)
Chlorobenzene	ug/L	-/-	ND < 0.36	U	ND < 0.36	U
Chloroethane	ug/L	-/-	ND < 0.33	U	ND < 0.33	U
Chloromethane	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
Chronic Toxicity	TUC	1.0/-	1.0	*	1.0	*
Chrysene	ug/L	-/-	ND < 0.14	U	ND < 0.072	U

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

**OUTFALL 011-COMPOSITE (Perimeter Pond Weir)  
13267 RESULTS**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

March 1 through March 31, 2005

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/18/2005		3/25/2005	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
cis-1,3-Dichloropropene	ug/L	-/-	ND < 0.22	U	ND < 0.22	U
Cyclohexane	ug/L	-/-	ND < 2.5	UJ (*11)	ND < 2.5	UJ (*11)
delta-BHC	ug/L	-/-	ND < 0.020	UJ (S)	ND < 0.020	UJ (S)
Dibenzo(a,h)anthracene	ug/L	-/-	ND < 0.17	U	ND < 0.083	U
Dibenzofuran	ug/L	-/-	ND < 0.15	U	ND < 0.075	U
Dibromochloromethane	ug/L	-/-	ND < 0.28	U	ND < 0.28	U
Dieldrin	ug/L	-/-	ND < 0.015	UJ (S)	ND < 0.015	UJ (S)
Diethylphthalate	ug/L	-/-	ND < 0.24	U (B)	ND < 0.12	U (B)
Dimethylphthalate	ug/L	-/-	ND < 0.16	U	ND < 0.081	U
Di-n-butylphthalate	ug/L	-/-	ND < 0.52	U	ND < 0.26	U
Di-n-octylphthalate	ug/L	-/-	ND < 0.34	U	ND < 0.17	U
Endosulfan I	ug/L	-/-	ND < 0.015	UJ (S)	ND < 0.015	UJ (S)
Endosulfan II	ug/L	-/-	ND < 0.040	UJ (S)	ND < 0.040	UJ (S)
Endosulfan sulfate	ug/L	-/-	ND < 0.015	UJ (S)	ND < 0.015	UJ (S)
Endrin	ug/L	-/-	ND < 0.020	UJ (S)	ND < 0.020	UJ (S)
Endrin aldehyde	ug/L	-/-	ND < 0.045	UJ (S)	ND < 0.045	UJ (S)
Endrin ketone	ug/L	-/-	ND < 0.020	UJ (S)	ND < 0.020	UJ (S)
Fluoranthene	ug/L	-/-	ND < 0.18	U	ND < 0.089	U
Fluorene	ug/L	-/-	ND < 0.15	U	ND < 0.075	U
Heptachlor	ug/L	-/-	ND < 0.030	UJ (S)	ND < 0.030	UJ (S)
Heptachlor epoxide	ug/L	-/-	ND < 0.020	UJ (S)	ND < 0.020	UJ (S)
Hexachlorobenzene	ug/L	-/-	ND < 0.26	U	ND < 0.13	U
Hexachlorobutadiene	ug/L	-/-	ND < 0.76	U	ND < 0.38	U
Hexachlorocyclopentadiene	ug/L	-/-	ND < 3.6	U	ND < 1.8	UJ (C)
Hexachloroethane	ug/L	-/-	ND < 1.0	U	ND < 0.51	U
Hydrazine	ug/L	-/-	ND < 0.39	U	ND < 0.39	U
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ND < 0.38	U	ND < 0.19	U
Isophorone	ug/L	-/-	ND < 0.12	U	ND < 0.059	U
Lindane (gamma-BHC)	ug/L	-/-	ND < 0.020	UJ (S)	ND < 0.020	UJ (S)
Methoxychlor	ug/L	-/-	ND < 0.035	UJ (S)	ND < 0.035	UJ (S)
Methylene Chloride	ug/L	-/-	ND < 0.48	U	ND < 0.48	U
m-Nitroaniline	ug/l	-/-	ND < 0.70	U	ND < 0.35	U
Monomethyl Hydrazine	ug/L	-/-	ND < 1.2	U	ND < 1.2	U
Naphthalene	ug/L	-/-	ND < 0.26	U	ND < 0.13	U
Nitrobenzene	ug/L	-/-	ND < 0.20	U	ND < 0.10	U
n-Nitrosodimethylamine	ug/L	-/-	ND < 0.44	U	ND < 0.22	U
n-Nitroso-di-n-propylamine	ug/L	-/-	ND < 0.36	U	ND < 0.18	U
n-Nitrosodiphenylamine	ug/L	-/-	ND < 0.15	U	ND < 0.077	U
o-Nitroaniline	ug/L	-/-	ND < 0.36	U	ND < 0.18	U
p-Cresol	ug/L	-/-	ND < 0.40	U	ND < 0.20	U
Pentachlorophenol	ug/L	-/-	ND < 1.6	U	ND < 0.78	U
Phenanthrene	ug/L	-/-	ND < 0.14	U	ND < 0.071	U
Phenol	ug/L	-/-	ND < 0.28	U	ND < 0.14	U
p-Nitroaniline	ug/L	-/-	ND < 0.98	U	ND < 0.49	U
Pyrene	ug/L	-/-	ND < 0.12	U	ND < 0.059	U
Toxaphene	ug/L	-/-	ND < 1.5	UJ (S)	ND < 1.5	UJ (S)
trans-1,2-Dichloroethene	ug/L	-/-	ND < 0.27	U	ND < 0.27	U
trans-1,3-Dichloropropene	ug/L	-/-	ND < 0.24	U	ND < 0.24	U
Unsymmetrical Dimethyl Hydrazine	ug/L	-/-	ND < 0.27	U	ND < 0.27	U

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

**OUTFALL 011-GRAB (Perimeter Pond Weir)  
(13267 RESULTS)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY - ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date January 4, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)	
1,2,3,4,6,7,8-HpCDD	1.10E-06	5.00E-05	9.90E-06	UJ (B)	0.01	ND	ND	
1,2,3,4,6,7,8-HpCDF	2.00E-06	5.00E-05	3.60E-06	UJ (B)	0.01	ND	ND	
1,2,3,4,7,8,9-HpCDF	1.60E-06	5.00E-05	ND	U	0.01	ND	ND	
1,2,3,4,7,8-HxCDD	1.10E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,4,7,8-HxCDF	6.30E-07	5.00E-05	1.20E-06	J (DNQ)	0.1	1.20E-07	ND	
1,2,3,6,7,8-HxCDD	1.10E-06	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,6,7,8-HxCDF	8.50E-07	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8,9-HxCDD	9.60E-07	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8,9-HxCDF	9.00E-07	5.00E-05	ND	U	0.1	ND	ND	
1,2,3,7,8-PeCDD	1.20E-06	5.00E-05	ND	U	1	ND	ND	
1,2,3,7,8-PeCDF	1.00E-06	5.00E-05	ND	U	0.05	ND	ND	
2,3,4,6,7,8-HxCDF	8.30E-07	5.00E-05	ND	U	0.1	ND	ND	
2,3,4,7,8-PeCDF	8.20E-07	5.00E-05	ND	U	0.5	ND	ND	
2,3,7,8-TCDD	1.80E-06	1.00E-05	ND	U	1	ND	ND	
2,3,7,8-TCDF	2.00E-06	1.00E-05	ND	U	0.1	ND	ND	
OCDD	2.10E-06	1.00E-04	7.80E-05	UJ (B)	0.0001	ND	ND	
OCDF	1.90E-06	1.00E-04	1.70E-05	UJ (B)	0.0001	ND	ND	
<b>TCDD TEQ w/ DNQ Values</b>							1.20E-07	ND
<b>TCDD TEQ w/out DNQ Values</b>								

<b>TCDD TEQ w/ DNQ Values</b>	1.20E-07	ND
<b>TCDD TEQ w/out DNQ Values</b>		

Dioxin TCDD TEQ compliance limit established for this outfall? No

TCDD TEQ PERMIT LIMIT = NA

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

**OUTFALL 011-COMPOSITE (Perimeter Pond Weir)**  
**(13267 RESULTS)**

**FIRST QUARTER 2005 REPORTING SUMMARY**  
**THE BOEING COMPANY - ROCKEIDYNE**  
**SANTA SUSANA FIELD LABORATORY**  
**NPDES PERMIT CA0001309**

Sample Date January 4, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WBO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	2.20E-06	5.00E-05	7.10E-06	UJ (B)	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	1.90E-06	5.00E-05	2.10E-06	J (DNQ)	0.01	2.10E-08	ND
1,2,3,4,7,8,9-HpCDF	2.90E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.50E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	1.30E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.20E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	1.10E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.70E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.50E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.50E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	2.60E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	8.70E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.20E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	3.10E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	2.30E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	2.70E-06	1.00E-04	8.30E-05	UJ (B)	0.0001	ND	ND
OCDF	2.10E-06	6.30E-06	ND	UJ (*10)	0.0001	ND	ND

**TCDD TEQ w/ DNQ Values**

**TCDD TEQ w/out DNQ Values**

2.10E-08

ND

**Dioxin TCDD TEQ compliance limit established for this outfall?**

No

**TCDD TEQ PERMIT LIMIT = NA**

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



**OUTFALL 011-GRAB (Perimeter Pond Weir)  
(13267 RESULTS)**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY - ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date January 11, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	9.70E-07	5.00E-05	7.70E-06	UJ (B)	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	7.70E-07	5.00E-05	2.40E-06	J (DNQ)	0.01	2.40E-08	ND
1,2,3,4,7,8,9-HpCDF	1.10E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	5.10E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	4.40E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	5.00E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	4.60E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	7.50E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	6.60E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	7.20E-07	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	8.00E-07	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	5.50E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	5.30E-07	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	7.00E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	7.90E-07	1.00E-05	ND	U	0.1	ND	ND
OCDD	1.70E-06	1.00E-04	8.10E-05	J (DNQ)	0.0001	8.10E-09	ND
OCDF	1.30E-06	1.00E-04	9.10E-06	UJ (B)	0.0001	ND	ND

<b>TCDD TEQ w/ DNQ Values</b>		
<b>TCDD TEQ w/out DNQ Values</b>	3.21E-08	ND

Dioxin TCDD TEQ compliance limit established for this outfall? No TCDD TEQ PERMIT LIMIT = NA

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



**OUTFALL 011-COMPOSITE (Perimeter Pond Weir)**  
**(13267 RESULTS)**

**FIRST QUARTER 2005 REPORTING SUMMARY**  
**THE BOEING COMPANY - ROCKETDYNE**  
**SANTA SUSANA FIELD LABORATORY**  
**NPDES PERMIT CA0001309**

Sample Date January 11, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	1.40E-06	5.00E-05	7.40E-06	UJ (B)	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	1.10E-06	5.00E-05	2.20E-06	J (DNQ)	0.01	2.20E-08	ND
1,2,3,4,7,8,9-HpCDF	2.10E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.20E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	9.70E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	9.70E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	9.30E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	9.30E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.10E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.10E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.40E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	7.70E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.20E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	1.20E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	8.30E-07	1.00E-05	ND	U	0.1	ND	ND
OCDD	2.30E-06	1.00E-04	6.60E-05	J (DNQ)	0.0001	6.60E-09	ND
OCDF	2.10E-06	1.00E-04	8.40E-06	UJ (B)	0.0001	ND	ND

**TCDD TEQ w/ DNQ Values**

**TCDD TEQ w/out DNQ Values**

2.86E-08

ND

Dioxin TCDD TEQ compliance limit established for this outfall? **No**

TCDD TEQ PERMIT LIMIT = NA

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

**OUTFALL 011-GRAB (Perimeter Pond Weir)  
13267 RESULTS**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date February 11, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	1.01E-05	5.00E-05	1.22E-05	J (DNQ)	0.01	1.22E-07	ND
1,2,3,4,6,7,8-HpCDF	2.41E-06	5.00E-05	4.04E-06	J (DNQ)	0.01	4.04E-08	ND
1,2,3,4,7,8,9-HpCDF	1.47E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	3.89E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	1.89E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	3.80E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	1.36E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	4.66E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.65E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.73E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	2.08E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	1.31E-06	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.84E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	1.71E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	3.49E-04	1.00E-05	ND	U	0.1	ND	ND
OCDD	9.39E-06	1.00E-04	1.57E-04	--	0.0001	1.57E-08	1.57E-08
OCDF	2.53E-06	1.00E-04	ND	U	0.0001	ND	ND

TCDD TEQ	TCDD TEQ NoDNQ	TCDD TEQ PERMIT LIMIT = NA
	1.78E-07	1.57E-08

Dioxin TCDD TEQ compliance limit established for this outfall? No

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

**OUTFALL 011-COMPOSITE (Perimeter Pond Weir)**  
13267 RESULTS

FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309

Sample Date February 11, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	9.88E-06	5.00E-05	2.08E-05	J (DNQ)	0.01	2.08E-07	ND
1,2,3,4,6,7,8-HpCDF	1.24E-05	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	3.42E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.22E-05	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	2.53E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.20E-05	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	6.66E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.38E-05	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	8.23E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	2.92E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	2.71E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	6.24E-06	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	2.52E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	1.79E-06	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	1.35E-03	1.00E-05	ND	U	0.1	ND	ND
OCDD	3.13E-05	1.00E-04	2.13E-04	--	0.0001	2.13E-08	2.13E-08
OCDF	5.49E-06	1.00E-04	ND	U	0.0001	ND	ND

TCDD TEQ w/ DNQ Values

TCDD TEQ w/out DNQ Values

2.29E-07

2.13E-08

Dioxin TCDD TEQ compliance limit established for this outfall? No

TCDD TEQ PERMIT LIMIT = NA

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

**OUTFALL 011-GRAB (Perimeter Pond Weir)  
13267 RESULTS**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date February 25, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	5.00E-05	9.15E-06	J (DNQ)	0.01	9.15E-08	ND
1,2,3,4,6,7,8-HpCDF	2.06E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	2.09E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	2.84E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	1.18E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	2.63E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	1.11E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	2.73E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.81E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.26E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.91E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	1.27E-06	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.74E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	9.21E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	1.46E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	1.00E-04	8.12E-05	J (DNQ)	0.0001	8.12E-09	ND
OCDF	0.00E+00	1.00E-04	3.94E-06	J (DNQ)	0.0001	3.94E-10	ND
<b>TCDD TEQ</b>							
<b>TCDD TEQ_NoDNQ</b>						1.00E-07	ND

Dioxin TCDD TEQ compliance limit established for this outfall? **No**

TCDD TEQ PERMIT LIMIT = NA

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

**OUTFALL 011-COMPOSITE (Perimeter Pond Weir)**  
**13267 RESULTS**

**FIRST QUARTER 2005 REPORTING SUMMARY**  
**THE BOEING COMPANY-ROCKETDYNE**  
**SANTA SUSANA FIELD LABORATORY**  
**NPDES PERMIT CA0001309**

Sample Date February 25, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	5.00E-05	6.35E-06	J (DNQ)	0.01	6.35E-08	ND
1,2,3,4,6,7,8-HpCDF	2.11E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	2.23E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	3.06E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	8.22E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	3.12E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	7.51E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	3.08E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.25E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.11E-06	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.88E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	9.05E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.79E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	9.58E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	1.25E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	1.00E-04	6.21E-05	J (DNQ)	0.0001	6.21E-09	ND
OCDF	4.47E-06	1.00E-04	ND	U	0.0001	ND	ND

TCDD TEQ w/DNQ Values	TCDD TEQ w/out DNQ Values
7.05E-08	ND

Dioxin TCDD TEQ compliance limit established for this outfall? **No**

TCDD TEQ PERMIT LIMIT = NA

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

**OUTFALL 011-GRAB (Perimeter Pond Weir)  
13267 RESULTS**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date March 18, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	5.00E-05	2.62E-06	J (DNQ)	0.01	2.62E-08	ND
1,2,3,4,6,7,8-HpCDF	9.32E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	1.07E-06	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.40E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	5.75E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.38E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	5.35E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.39E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	9.76E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	8.11E-07	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.67E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	6.10E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.48E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	7.23E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	1.14E-06	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	1.00E-04	2.23E-05	J (DNQ)	0.0001	2.23E-09	ND
OCDF	3.17E-06	1.00E-04	ND	U	0.0001	ND	ND

**TCDD TEQ w/ DNQ Values**

**TCDD TEQ w/out DNQ Values**

2.84E-08	ND
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Dioxin TCDD TEQ compliance limit established for this outfall? No

TCDD TEQ PERMIT LIMIT = NA

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



**OUTFALL 011-COMPOSITE (Perimeter Pond Weir)**  
13267 RESULTS

**FIRST QUARTER 2005 REPORTING SUMMARY**  
**THE BOEING COMPANY-ROCKETDYNE**  
**SANTA SUSANA FIELD LABORATORY**  
**NPDES PERMIT CA0001309**

Sample Date March 18, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	1.56E-06	ND	UJ (*10)	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	7.63E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	9.23E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.61E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	6.46E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.53E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	6.12E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.56E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.12E-06	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	6.58E-07	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.91E-06	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	6.97E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.78E-06	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	6.91E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	9.79E-07	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	1.00E-04	1.81E-05	J (DNQ)	0.0001	1.81E-09	ND
OCDF	3.25E-06	1.00E-04	ND	U	0.0001	ND	ND
<b>TCDD TEQ</b>							
<b>TCDD TEQ N6DNQ</b>						<b>1.81E-09</b>	<b>ND</b>

Dioxin TCDD TEQ compliance limit established for this outfall? No

TCDD TEQ PERMIT LIMIT = NA

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

**OUTFALL 011-GRAB (Perimeter Pond Weir)  
13267 RESULTS**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

Sample Date March 25, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	5.00E-05	6.55E-06	J (DNQ)	0.01	6.55E-08	ND
1,2,3,4,6,7,8-HpCDF	0.00E+00	5.00E-05	1.85E-06	J (DNQ)	0.01	1.85E-08	ND
1,2,3,4,7,8,9-HpCDF	6.06E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	6.22E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	2.99E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	6.21E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	2.99E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	6.15E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	5.43E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	4.55E-07	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	6.32E-07	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	3.61E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	5.34E-07	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	4.60E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	5.65E-07	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	1.00E-04	5.99E-05	J (DNQ)	0.0001	5.99E-09	ND
OCDF	0.00E+00	1.00E-04	2.90E-06	J (DNQ)	0.0001	2.90E-10	ND

TCDD TEQ w/DNQ Values	TCDD TEQ w/out DNQ Values
	9.03E-08
	ND

Dioxin TCDD TEQ compliance limit established for this outfall? No

TCDD TEQ PERMIT LIMIT = NA

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



**OUTFALL 011-COMPOSITE (Perimeter Pond Weir)**  
**13267 RESULTS**

**FIRST QUARTER 2005 REPORTING SUMMARY**  
**THE BOEING COMPANY-ROCKETDYNE**  
**SANTA SUSANA FIELD LABORATORY**  
**NPDES PERMIT CA0001309**

Sample Date March 25, 2005

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	5.00E-05	7.34E-06	J (DNQ)	0.01	7.34E-08	ND
1,2,3,4,6,7,8-HpCDF	0.00E+00	9.89E-07	ND	UJ (*10)	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	5.31E-07	5.00E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	7.40E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	2.47E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	7.54E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	2.38E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	7.40E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	3.91E-07	5.00E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	4.49E-07	5.00E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	8.50E-07	5.00E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	2.55E-07	5.00E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	7.79E-07	5.00E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	5.45E-07	1.00E-05	ND	U	1	ND	ND
2,3,7,8-TCDF	4.47E-07	1.00E-05	ND	U	0.1	ND	ND
OCDD	0.00E+00	1.00E-04	6.92E-05	J (DNQ)	0.0001	6.92E-09	ND
OCDF	0.00E+00	1.00E-04	2.73E-06	J (DNQ)	0.0001	2.73E-10	ND

<b>TCDD TEQ</b>							
<b>TCDD TEQ_NoDNQ</b>						8.06E-08	ND

Dioxin TCDD TEQ compliance limit established for this outfall? No

TCDD TEQ PERMIT LIMIT = NA

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

**SUMMARY OF PERMIT LIMIT EXCEEDENCES**

**FIRST QUARTER 2005 REPORTING SUMMARY  
THE BOEING COMPANY-ROCKETDYNE  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through March 31, 2005

OUTFALL	LOCATIONS	SAMPLE DATE	ANALYTE	PERMIT LIMIT DAILY MAX/ MONTHLY AVERAGE	RESULT DAILY MAX/ MONTHLY AVERAGE	UNITS	VALIDATION QUALIFIER
Outfall 001	South Slope below Perimeter Pond	18-Jan-05	Mercury	0.10/0.05	0.26/<0.20	ug/L	--
Outfall 001	South Slope below Perimeter Pond	11-Feb-05	Chromium	16.3/8.1	27/1.2	ug/L	--
Outfall 001	South Slope below Perimeter Pond	11-Feb-05	Manganese	50/-	370/-	ug/L	--
Outfall 001	South Slope below Perimeter Pond	11-Feb-05	Surfactants (MBAS)	0.5/-	1.0/-	mg/L	--
Outfall 001	South Slope below Perimeter Pond	11-Feb-05	Iron	0.3/-	27/-	mg/L	--
Outfall 001	South Slope below Perimeter Pond	11-Feb-05	Lead	5.2/2.6	9.7/0.28	ug/L	--
Outfall 001	South Slope below Perimeter Pond	11-Feb-05	TCDD TEQ_NoDNQ	2.80E-08/1.40E-08	4.71E-08/4.71E-08	ug/L	--
Outfall 001	South Slope below Perimeter Pond	18-Feb-05	TCDD TEQ_NoDNQ	2.80E-08/1.40E-08	6.52E-07/4.71E-08	ug/L	--
Outfall 001	South Slope below Perimeter Pond	18-Feb-05	Iron	0.3/-	9.2/-	mg/L	--
Outfall 001	South Slope below Perimeter Pond	18-Feb-05	Manganese	50/-	140/-	ug/L	--
Outfall 001	South Slope below Perimeter Pond	26-Feb-05	Iron	0.3/-	0.45/-	mg/L	--
Outfall 001	South Slope below Perimeter Pond	26-Mar-05	Iron	0.3/-	0.42/-	mg/L	--
Outfall 002	South Slope below R-2 Pond	18-Jan-05	Mercury	0.10/0.05	0.23/<0.20	ug/L	--
Outfall 002	South Slope below R-2 Pond	04-Feb-05	Sulfate	300/-	310/-	mg/L	--
Outfall 004	SRE	03-Jan-05	Mercury	0.13/-	0.23/-	ug/L	--
Outfall 005	FSDP-1	03-Jan-05	TCDD TEQ_NoDNQ	2.80E-08/-	3.10E-08/-	ug/L	--
Outfall 007	Building 100	18-Feb-05	TCDD TEQ_NoDNQ	2.80E-08/-	6.98E-07/-	ug/L	--
Outfall 009	WS-13 Drainage	11-Jan-05	Oil & Grease	15/-	16/-	mg/L	(\$)
Outfall 012	Alfa Test Stand	07-Mar-05	pH	6.5 - 8.5	5.6	pH Units	--
Outfall 015-Grab Effluent	STP 1	10-Jan-05	Total Residual Chlorine	0.1/-	1.0/-	mg/L	--
Outfall 015-Comp Effluent	STP 1	11-Jan-05	Chronic Toxicity	1.0/-	>16/-	TUc	*
Outfall 017-Grab Effluent	STP 3	10-Jan-05	Total Residual Chlorine	0.1/-	5.0/-	mg/L	--
Outfall 017-Grab Effluent	STP 3	11-Jan-05	Total Residual Chlorine	0.1/-	1.0/-	mg/L	--
Outfall 017-Comp Effluent	STP 3	11-Jan-05	Chronic Toxicity	1.0/-	8.0/-	TUc	*