

APPENDIX C

FIRST QUARTER 2011 SUMMARY TABLES, DISCHARGE
MONITORING DATA

**FIRST QUARTER 2011
REPORTING SUMMARY NOTES
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

Notes:

1. For Dioxins and Furans, laboratory results may have been reported in picograms/liter (pg/L). However, the permit limit is stated in micrograms/liter (µg/L). To evaluate permit compliance, the laboratory results have been converted to µg/L, as necessary, to calculate the TCDD TEQ.
2. TCDD TEQs for the purpose of determining permit compliance are the sum of the products of the detected dioxin congener concentration multiplied by that congener's TEF. The resulting compliance TCDD TEQ does not include those congener concentrations that are reported as DNQ, as specified on Page 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 limit or benchmark limit for mercury of 0.10 µg/L (Outfalls 001, 002, 011, 018 and 019) and 0.13 µg/L (Outfalls 003-010) are not achievable by the laboratory; therefore, the laboratory reporting limit of 0.20 µg/L was used to determine compliance.
5. All of the following abbreviations and/or notes may not occur on every table.

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

**FIRST QUARTER 2011
REPORTING SUMMARY NOTES
THE BOEING COMPANY**

OUTFALL 001

FIRST QUARTER 2011 REPORTING SUMMARY
 THE BOEING COMPANY
 SANTA SUSANA FIELD LABORATORY
 NPDES PERMIT CA0001309

January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	SAMPLE TYPE	03/20/2011-03/21/2011	
				RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	10.1/-	Comp	ND < 0.500	*
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/-	Comp	2.0	*
Chloride	mg/L	150/-	Comp	3.2	*
Dissolved Oxygen	mg/L	-/-	Grab	10.38	*
E. Coli	MPN/100 ml	-/-	Grab	240	*
Fecal Coliform	MPN/100 ml	-/-	Grab	240	*
Total Residual Chlorine (Field)	mg/L	0.1/-	Grab	0.0	*
Specific Conductivity (Lab)	umhos/cm	-/-	Grab	110	--
Surfactants (MBAS)	mg/L	0.5/-	Comp	ND < 0.050	*
Fluoride	mg/L	1.6/-	Comp	0.22	*
Nitrate + Nitrite as Nitrogen (N)	mg/L	8/-	Comp	0.45	*
Nitrate as Nitrogen (N)	mg/L	8/-	Comp	0.45	*
Nitrite-N	mg/L	1/-	Comp	ND < 0.090	*
Oil & Grease	mg/L	15/-	Grab	ND < 1.3	*
Perchlorate	ug/L	6.0/-	Comp	ND < 0.90	U
pH (Field)	pH units	6.5-8.5/-	Grab	7.7	*
Total Settleable Solids	ml/L	0.3/-	Grab	0.10	*
Sulfate	mg/L	300/-	Comp	4.2	*
Temperature	deg. F	86/-	Grab	48	*
Total Cyanide	ug/L	8.5/-	Comp	ND < 2.2	*
Total Dissolved Solids	mg/L	950/-	Comp	110	*
Hardness	mg/L	-/-	Comp	40	--
Hardness, dissolved	mg/L	-/-	Comp	30	--
Total Organic Carbon	mg/L	-/-	Comp	11	--
Total Suspended Solids	mg/L	45/-	Comp	57	--
Turbidity	NTU	-/-	Comp	140	--
Volume Discharged	MGD	160/-	Meas	5.820685	*
METALS					

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January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	03/20/2011-03/21/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Cobalt, dissolved	ug/L	-/-	Comp	ND < 2.0	U
Copper	ug/L	14/-	Comp	5.31	*
Copper, dissolved	ug/L	-/-	Comp	2.20	*
Iron	mg/L	0.3/-	Comp	5.7	--
Iron, dissolved	mg/L	-/-	Comp	0.088	--
Lead	ug/L	5.2/-	Comp	4.1	*
Lead, dissolved	ug/L	-/-	Comp	0.29	J* (DNQ)
Magnesium	mg/L	-/-	Comp	3.9	--
Magnesium, Dissolved	mg/L	-/-	Comp	2.2	--
Manganese	ug/L	50/-	Comp	81	--
Manganese, dissolved	ug/L	-/-	Comp	ND < 7.0	U
Mercury	ug/L	0.10/-	Comp	ND < 0.10	U
Mercury, dissolved	ug/L	-/-	Comp	ND < 0.10	U
Nickel	ug/L	96/-	Comp	6.5	J (DNQ)
Nickel, dissolved	ug/L	-/-	Comp	2.5	J (DNQ)
Selenium	ug/L	(5) 8.2/-	Comp	ND < 0.50	*
Selenium, dissolved	ug/L	-/-	Comp	ND < 0.50	*
Silver	ug/L	4.1/-	Comp	ND < 0.10	*
Silver, dissolved	ug/L	-/-	Comp	ND < 0.10	*
Thallium	ug/L	2.0/-	Comp	ND < 0.20	*
Thallium, dissolved	ug/L	-/-	Comp	ND < 0.20	*
Vanadium	ug/L	-/-	Comp	12	--
Vanadium, dissolved	ug/L	-/-	Comp	ND < 3.0	U
Zinc	ug/L	119/-	Comp	27.0	--
Zinc, Dissolved	ug/L	-/-	Comp	ND < 6.00	U
ORGANICS					
Benzene	ug/L	-/-	Grab	ND < 0.28	*
Carbon Tetrachloride	ug/L	-/-	Grab	ND < 0.28	*
Chloroform	ug/L	-/-	Grab	ND < 0.33	*
1,1-Dichloroethane	ug/L	-/-	Grab	ND < 0.40	*
1,2-Dichloroethane	ug/L	0.5/-	Grab	ND < 0.28	*
1,1-Dichloroethene	ug/L	6.0/-	Grab	ND < 0.42	*

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January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	03/20/2011-03/21/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	Grab	ND < 1.1	*
1,1,2,2-Tetrachloroethane	ug/L	-/-	Grab	ND < 0.30	*
1,2,4-Trichlorobenzene	ug/L	-/-	Comp	ND < 0.0943	U
1,2-Dichlorobenzene	ug/L	-/-	Grab	ND < 0.32	*
1,2-Dichlorobenzene	ug/L	-/-	Comp	ND < 0.0943	U
1,2-Dichloropropane	ug/L	-/-	Grab	ND < 0.35	*
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	Comp	ND < 0.0943	UJ (C)
1,3-Dichlorobenzene	ug/L	-/-	Comp	ND < 0.0943	U
1,3-Dichlorobenzene	ug/L	-/-	Grab	ND < 0.35	*
1,4-Dichlorobenzene	ug/L	-/-	Grab	ND < 0.37	*
1,4-Dichlorobenzene	ug/L	-/-	Comp	ND < 0.189	U
2,4,6-Trichlorophenol	ug/L	13/-	Comp	ND < 0.0943	U
2,4-Dichlorophenol	ug/L	-/-	Comp	ND < 0.189	U
2,4-Dimethylphenol	ug/L	-/-	Comp	ND < 0.283	U
2,4-Dinitrophenol	ug/L	-/-	Comp	ND < 0.849	U
2,4-Dinitrotoluene	ug/L	18/-	Comp	ND < 0.189	U
2,6-Dinitrotoluene	ug/L	-/-	Comp	ND < 0.0943	U
2-Chloroethylvinylether	ug/L	-/-	Grab	ND < 1.8	*
2-Chloronaphthalene	ug/L	-/-	Comp	ND < 0.0943	U
2-Chlorophenol	ug/L	-/-	Comp	ND < 0.189	U
2-Methyl-4,6-dinitrophenol	ug/L	-/-	Comp	ND < 0.189	U
2-Nitrophenol	ug/L	-/-	Comp	ND < 0.0943	U
3,3'-Dichlorobenzidine	ug/L	-/-	Comp	ND < 4.72	U
4,4'-DDD	ug/L	-/-	Comp	ND < 0.0038	C*
4,4'-DDE	ug/L	-/-	Comp	ND < 0.0028	C*
4,4'-DDT	ug/L	-/-	Comp	ND < 0.0038	*
4-Bromophenylphenylether	ug/L	-/-	Comp	ND < 0.0943	U
4-Chloro-3-methylphenol	ug/L	-/-	Comp	ND < 0.189	U
4-Chlorophenylphenylether	ug/L	-/-	Comp	ND < 0.0943	U
4-Nitrophenol	ug/L	-/-	Comp	ND < 2.36	U
Acenaphthene	ug/L	-/-	Comp	ND < 0.0943	U
Acenaphthylene	ug/L	-/-	Comp	ND < 0.0943	U
Acrolein	ug/L	-/-	Grab	ND < 4.0	*
Acrylonitrile	ug/L	-/-	Grab	ND < 1.2	*
Acute Toxicity	% SURVIVAL	70-100/-	Comp	100	*
Aldrin	ug/L	-/-	Comp	ND < 0.0014	C*
alpha-BHC	ug/L	0.03/-	Comp	ND < 0.0024	C*
Anthracene	ug/L	-/-	Comp	ND < 0.0943	U
Aroclor-1016	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1221	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1232	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1242	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1248	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1254	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1260	ug/L	-/-	Comp	ND < 0.24	*
Benzidine	ug/L	-/-	Comp	ND < 4.72	R (L)
Benzo(a)anthracene	ug/L	-/-	Comp	ND < 0.0943	U

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

^(a) Based on peak LA River flow, sampling event on 3/29/2011 is a dry discharge.

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

January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	03/20/2011-03/21/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Lindane (gamma-BHC)	ug/L	-/-	Comp	ND < 0.0028	C*
Methylene Chloride	ug/L	-/-	Grab	ND < 0.95	*
Monomethyl Hydrazine	ug/L	-/-	Comp	ND < 1.77	U
Naphthalene	ug/L	-/-	Comp	ND < 0.0943	U
Nitrobenzene	ug/L	-/-	Comp	ND < 0.0943	U
n-Nitrosodimethylamine	ug/L	16/-	Comp	ND < 0.0943	U
n-Nitroso-di-n-propylamine	ug/L	-/-	Comp	ND < 0.0943	U
n-Nitrosodiphenylamine	ug/L	-/-	Comp	ND < 0.0943	U
Pentachlorophenol	ug/L	16.5/-	Comp	ND < 0.0943	U
Phenanthrene	ug/L	-/-	Comp	ND < 0.0943	U
Phenol	ug/L	-/-	Comp	ND < 0.283	U
Pyrene	ug/L	-/-	Comp	ND < 0.0943	U
Toxaphene	ug/L	-/-	Comp	ND < 0.24	*
trans-1,2-Dichloroethene	ug/L	-/-	Grab	ND < 0.30	*
trans-1,3-Dichloropropene	ug/L	-/-	Grab	ND < 0.32	L*

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

^(a) Based on peak LA River flow, sampling event on 3/29/2011 is a dry discharge.

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January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	3/24/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	10.1/-	ANR	ANR	ANR
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/-	ANR	ANR	ANR
Chloride	mg/L	150/-	ANR	ANR	ANR
Dissolved Oxygen	mg/L	-/-	ANR	ANR	ANR
E. Coli	MPN/100 ml	-/-	Grab	80.0	--
Fecal Coliform	MPN/100 ml	-/-	Grab	80.0	--
Total Residual Chlorine (Field)	mg/L	0.1/-	ANR	ANR	ANR
Specific Conductivity (Lab)	umhos/cm	-/-	ANR	ANR	ANR
Surfactants (MBAS)	mg/L	0.5/-	ANR	ANR	ANR
Fluoride	mg/L	1.6/-	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8/-	ANR	ANR	ANR
Nitrate as Nitrogen (N)	mg/L	8/-	ANR	ANR	ANR
Nitrite-N	mg/L	1/-	ANR	ANR	ANR
Oil & Grease	mg/L	15/-	ANR	ANR	ANR
Perchlorate	ug/L	6.0/-	ANR	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	ANR	ANR	ANR
Total Settleable Solids	ml/L	0.3/-	ANR	ANR	ANR
Sulfate	mg/L	300/-	ANR	ANR	ANR
Temperature	deg. F	86/-	ANR	ANR	ANR
Total Cyanide	ug/L	8.5/-	ANR	ANR	ANR
Total Dissolved Solids	mg/L	950/-	ANR	ANR	ANR
Hardness	mg/L	-/-	ANR	ANR	ANR
Hardness, dissolved	mg/L	-/-	ANR	ANR	ANR
Total Organic Carbon	mg/L	-/-	ANR	ANR	ANR
Total Suspended Solids	mg/L	45/-	ANR	ANR	ANR
Turbidity	NTU	-/-	ANR	ANR	ANR
Volume Discharged	MGD	160/-	Meas	0.145785	*
METALS					
Antimony	ug/L	6.0/-	ANR	ANR	ANR
Antimony, dissolved	ug/L	-/-	ANR	ANR	ANR
Arsenic	ug/L	10/-	ANR	ANR	ANR
Arsenic, dissolved	ug/L	-/-	ANR	ANR	ANR
Barium	mg/L	1.0/-	ANR	ANR	ANR
Barium, dissolved	mg/L	-/-	ANR	ANR	ANR
Beryllium	ug/L	4.0/-	ANR	ANR	ANR
Beryllium, dissolved	ug/L	-/-	ANR	ANR	ANR
Boron	mg/L	-/-	ANR	ANR	ANR
Boron, dissolved	mg/L	-/-	ANR	ANR	ANR
Cadmium	ug/L	(4.0) 3.1/-	ANR	ANR	ANR
Cadmium, dissolved	ug/L	-/-	ANR	ANR	ANR
Calcium	mg/L	-/-	ANR	ANR	ANR
Calcium, Dissolved	mg/L	-/-	ANR	ANR	ANR
Chromium	ug/L	16/-	ANR	ANR	ANR
Chromium, dissolved	ug/L	-/-	ANR	ANR	ANR
Chromium VI	ug/L	16/-	ANR	ANR	ANR
Cobalt	ug/L	-/-	ANR	ANR	ANR

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

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ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	3/24/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Cobalt, dissolved	ug/L	-/-	ANR	ANR	ANR
Copper	ug/L	14/-	ANR	ANR	ANR
Copper, dissolved	ug/L	-/-	ANR	ANR	ANR
Iron	mg/L	0.3/-	ANR	ANR	ANR
Iron, dissolved	mg/L	-/-	ANR	ANR	ANR
Lead	ug/L	5.2/-	ANR	ANR	ANR
Lead, dissolved	ug/L	-/-	ANR	ANR	ANR
Magnesium	mg/L	-/-	ANR	ANR	ANR
Magnesium, Dissolved	mg/L	-/-	ANR	ANR	ANR
Manganese	ug/L	50/-	ANR	ANR	ANR
Manganese, dissolved	ug/L	-/-	ANR	ANR	ANR
Mercury	ug/L	0.10/-	ANR	ANR	ANR
Mercury, dissolved	ug/L	-/-	ANR	ANR	ANR
Nickel	ug/L	96/-	ANR	ANR	ANR
Nickel, dissolved	ug/L	-/-	ANR	ANR	ANR
Selenium	ug/L	(5) 8.2/-	ANR	ANR	ANR
Selenium, dissolved	ug/L	-/-	ANR	ANR	ANR
Silver	ug/L	4.1/-	ANR	ANR	ANR
Silver, dissolved	ug/L	-/-	ANR	ANR	ANR
Thallium	ug/L	2.0/-	ANR	ANR	ANR
Thallium, dissolved	ug/L	-/-	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR
Vanadium, dissolved	ug/L	-/-	ANR	ANR	ANR
Zinc	ug/L	119/-	ANR	ANR	ANR
Zinc, Dissolved	ug/L	-/-	ANR	ANR	ANR
ORGANICS					
Benzene	ug/L	-/-	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	0.5/-	ANR	ANR	ANR
1,1-Dichloroethene	ug/L	6.0/-	ANR	ANR	ANR
1,4-Dioxane	ug/L	-/-	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR
Trichloroethene	ug/L	5.0/-	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR	ANR
Vinyl Chloride	ug/L	-/-	ANR	ANR	ANR
TPH					
DRO (C13 - C28)	mg/L	-/-	ANR	ANR	ANR
GRO (C4 - C12)	mg/L	-/-	ANR	ANR	ANR
ADDITIONAL ANALYTES					

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

^(a) Based on peak LA River flow, sampling event on 3/29/2011 is a dry discharge.

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ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly A
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January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	3/24/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	16/-	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR
Pentachlorophenol	ug/L	16.5/-	ANR	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR

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January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	3/29/2011 ^(a)		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	10.1/-	ANR	ANR	ANR
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/-	ANR	ANR	ANR
Chloride	mg/L	150/-	ANR	ANR	ANR
Dissolved Oxygen	mg/L	-/-	ANR	ANR	ANR
E. Coli	MPN/100 ml	-/-	Grab	8.78	--
Fecal Coliform	MPN/100 ml	-/-	Grab	8.78	--
Total Residual Chlorine (Field)	mg/L	0.1/-	ANR	ANR	ANR
Specific Conductivity (Lab)	umhos/cm	-/-	ANR	ANR	ANR
Surfactants (MBAS)	mg/L	0.5/-	ANR	ANR	ANR
Fluoride	mg/L	1.6/-	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8/-	ANR	ANR	ANR
Nitrate as Nitrogen (N)	mg/L	8/-	ANR	ANR	ANR
Nitrite-N	mg/L	1/-	ANR	ANR	ANR
Oil & Grease	mg/L	15/-	ANR	ANR	ANR
Perchlorate	ug/L	6.0/-	ANR	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	ANR	ANR	ANR
Total Settleable Solids	ml/L	0.3/-	ANR	ANR	ANR
Sulfate	mg/L	300/-	ANR	ANR	ANR
Temperature	deg. F	86/-	ANR	ANR	ANR
Total Cyanide	ug/L	8.5/-	ANR	ANR	ANR
Total Dissolved Solids	mg/L	950/-	ANR	ANR	ANR
Hardness	mg/L	-/-	ANR	ANR	ANR
Hardness, dissolved	mg/L	-/-	ANR	ANR	ANR
Total Organic Carbon	mg/L	-/-	ANR	ANR	ANR
Total Suspended Solids	mg/L	45/-	ANR	ANR	ANR
Turbidity	NTU	-/-	ANR	ANR	ANR
Volume Discharged	MGD	160/-	Meas	0.095045	*
METALS					
Antimony	ug/L	6.0/-	ANR	ANR	ANR
Antimony, dissolved	ug/L	-/-	ANR	ANR	ANR
Arsenic	ug/L	10/-	ANR	ANR	ANR
Arsenic, dissolved	ug/L	-/-	ANR	ANR	ANR
Barium	mg/L	1.0/-	ANR	ANR	ANR
Barium, dissolved	mg/L	-/-	ANR	ANR	ANR
Beryllium	ug/L	4.0/-	ANR	ANR	ANR
Beryllium, dissolved	ug/L	-/-	ANR	ANR	ANR
Boron	mg/L	-/-	ANR	ANR	ANR
Boron, dissolved	mg/L	-/-	ANR	ANR	ANR
Cadmium	ug/L	(4.0) 3.1/-	ANR	ANR	ANR
Cadmium, dissolved	ug/L	-/-	ANR	ANR	ANR
Calcium	mg/L	-/-	ANR	ANR	ANR
Calcium, Dissolved	mg/L	-/-	ANR	ANR	ANR
Chromium	ug/L	16/-	ANR	ANR	ANR
Chromium, dissolved	ug/L	-/-	ANR	ANR	ANR
Chromium VI	ug/L	16/-	ANR	ANR	ANR
Cobalt	ug/L	-/-	ANR	ANR	ANR

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

^(a) Based on peak LA River flow, sampling event on 3/29/2011 is a dry discharge.

OUTFALL 001

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg
Cobalt, dissolved	ug/L	-/-
Copper	ug/L	14/-
Copper, dissolved	ug/L	-/-

OUTFALL 001

FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-
1,1,2,2-Tetrachloroethane	ug/L	-/-
1,2,4-Trichlorobenzene	ug/L	-/-
1,2-Dichlorobenzene	ug/L	-/-
1,2-Dichlorobenzene	ug/L	-/-
1,2-Dichloropropane	ug/L	-/-
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-
1,3-Dichlorobenzene	ug/L	-/-
1,3-Dichlorobenzene	ug/L	-/-
1,4-Dichlorobenzene	ug/L	-/-
1,4-Dichlorobenzene	ug/L	-/-
2,4,6-Trichlorophenol	ug/L	13/-
2,4-Dichlorophenol	ug/L	-/-

OUTFALL 001

FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg
Benzo(a)pyrene	ug/L	-/-
Benzo(b)fluoranthene	ug/L	-/-
Benzo(g,h,i)perylene	ug/L	-/-
Benzo(k)fluoranthene	ug/L	-/-
beta-BHC	ug/L	-/-
bis (2-Chloroethyl) ether	ug/L	-/-
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-
bis(2-Chloroethoxy) methane	ug/L	-/-
bis(2-Chloroisopropyl) ether	ug/L	-/-
Bromodichloromethane	ug/L	-/-
Bromoform	ug/L	-/-
Bromomethane	ug/L	-/-
Butylbenzylphthalate	ug/L	-/-
Chlordane	ug/L	-/-
Chlorobenzene	ug/L	-/-

OUTFALL 001

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg
Lindane (gamma-BHC)	ug/L	-/-
Methylene Chloride	ug/L	-/-
Monomethyl Hydrazine	ug/L	-/-
Naphthalene	ug/L	-/-
Nitrobenzene	ug/L	-/-
n-Nitrosodimethylamine	ug/L	16/-
n-Nitroso-di-n-propylamine	ug/L	-/-
n-Nitrosodiphenylamine	ug/L	-/-
Pentachlorophenol	ug/L	16.5/-
Phenanthrene	ug/L	-/-

OUTFALL 001 (South Slope below Perimeter Pond)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

**Sample Type Composite
Sample Date March 20-21, 2011**

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 WHO TEF	BEF Great Lakes Water Quality Initiative	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	5.70E-06	5.00E-05	6.40E-05	--	0.01	0.05	3.20E-08

OUTFALL 001 (South Slope below Perimeter Pond)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	Sample Type	03/20/2011-03/21/2011	
				Result	Concentration Result Validation Qualifier
Max Discharge for event	MGD	160	Meas	3.569	
Ammonia as Nitrogen (N)	LBS/DAY	13,500/-	Comp	ND	*
Biochemical Oxygen Demand (BOD 5 day)	LBS/DAY	40,032/-	Comp	59.53	*
Chloride	LBS/DAY	200,160/-	Comp	95.25	*
Surfactants (MBAS)	LBS/DAY	667/-	Comp	ND	*
Fluoride	LBS/DAY	2,135/-	Comp	6.55	*
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	10,700/-	Comp	13.39	*
Nitrate as Nitrogen (N)	LBS/DAY	10,700/-	Comp	13.39	*
Nitrite-N	LBS/DAY	1,334/-	Comp	ND	*
Oil & Grease	LBS/DAY	20,016/-	Grab	ND	*
Perchlorate	LBS/DAY	8.0/-	Comp	ND	U
Sulfate	LBS/DAY	400,320/-	Comp	125.01	*
Total Cyanide	LBS/DAY	11/-	Comp	ND	*
Total Dissolved Solids	LBS/DAY	1,270,000/-	Comp	3274.20	*
Total Suspended Solids	LBS/DAY	60,048/-	Comp	1696.63	--
Total Residual Chlorine (Field)	LBS/DAY	133/-	Grab	0.0	*

OUTFALL 002 (South Slope below R-2 Pond)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	1/3/2011 ^(a)		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	10.1/-	Comp	ND < 0.500	*
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/-	Comp	1.3	Ja* (DNQ)
Chloride	mg/L	150/-	Comp	28	*
Dissolved Oxygen	mg	-/-	Grab	50	*
Dissolved Oxygen	mg/L	-/-	ANR	ANR	ANR
E. Coli	MPN/100 ml	-/-	ANR	ANR	ANR
Fecal Coliform	MPN/100 ml	-/-	ANR	ANR	ANR
Total Residual Chlorine (Field)	mg/L	0.1/-	ANR	ANR	ANR
Specific Conductivity (Lab)	umhos/cm	-/-	Grab	700	--
Surfactants (MBAS)	mg/L	0.5/-	Comp	0.053	Ja* (DNQ)
Fluoride	mg/L	1.6/-	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8/-	Comp	ND < 0.15	*
Nitrate as Nitrogen (N)	mg/L	8/-	Comp	0.12	*
Nitrite-N	mg/L	1/-	Comp	ND < 0.090	*
Oil & Grease	mg/L	15/-	Grab	ND < 1.3	*
Perchlorate	ug/L	6.0/-	Comp	ND < 0.90	*
pH (Field)	pH units	6.5-8.5/-	Grab	7.3	*
Total Settleable Solids	ml/L	0.3/-	Grab	ND < 0.10	*
Sulfate	mg/L	300/-	Comp	140	*
Temperature	deg. F	86/-	Grab	42	*
Total Cyanide	ug/L	8.5/-	Comp	ND < 2.2	*
Total Dissolved Solids	mg/L	950/-	Comp	450	*
Hardness	mg/L	-/-	ANR	ANR	ANR
Hardness, dissolved	mg/L	-/-	ANR	ANR	ANR
Total Organic Carbon	mg/L	-/-	ANR	ANR	ANR
Total Suspended Solids	mg/L	45/-	Comp	ND < 1.0	*
Turbidity	NTU	-/-	Comp	0.68	J (DNQ)
Volume Discharged	MGD	160/-	Meas	0.008565	*
METALS					
Antimony	ug/L	6.0/-	ANR	ANR	ANR
Antimony, dissolved	ug/L	-/-	ANR	ANR	ANR
Arsenic	ug/L	10/-	ANR	ANR	ANR
Arsenic, dissolved	ug/L	-/-	ANR	ANR	ANR
Barium	mg/L	1.0/-	ANR	ANR	ANR
Barium, dissolved	mg/L	-/-	ANR	ANR	ANR
Beryllium	ug/L	4.0/-	ANR	ANR	ANR
Beryllium, dissolved	ug/L	-/-	ANR	ANR	ANR
Boron	mg/L	-/-	ANR	ANR	ANR
Boron, dissolved	mg/L	-/-	ANR	ANR	ANR
Cadmium	ug/L	(4.0) 3.1/-	Comp	ND < 0.10	*
Cadmium, dissolved	ug/L	-/-	Comp	ND < 0.10	*
Calcium	mg/L	-/-	ANR	ANR	ANR
Calcium, Dissolved	mg/L	-/-	ANR	ANR	ANR
Chromium	ug/L	16/-	ANR	ANR	ANR
Chromium, dissolved	ug/L	-/-	ANR	ANR	ANR
Chromium VI	ug/L	16/-	ANR	ANR	ANR
Cobalt	ug/L	-/-	ANR	ANR	ANR

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

^(a) Based on peak LA River flow, sampling events on 1/3, 3/3, and 3/7 SAMPLA.16 yM on Tlu484 .84003 ref7UDs5.16 31.7385 TJ7R

OUTFALL 002 (South Slope below R-2 Pond)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Av	1/3/2011 ^(a)
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OUTFALL 002 (South Slope below R-2 Pond)

FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	1/3/2011 ^(a)		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	13/-	Comp	ND < 0.0952	*
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	18/-	Comp	ND < 0.190	*
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR
Acenaphthylene	ug/L	-/-	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR
alpha-BHC	ug/L	0.03/-	Comp	ND < 0.0024	*
Anthracene	ug/L	-/-	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR

OUTFALL 002 (South Slope below R-2 Pond)

FIRST QUARTER 2011 REPORTING SUMMARY

OUTFALL 002 (South Slope below R-2 Pond)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABN3DLOY**

OUTFALL 002 (South Slope below R-2 Pond)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	2/19/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
1,1,2,2-Tetrachloroethane	ug/L	-/-	Grab	ND < 0.30	U
1,2,4-Trichlorobenzene	ug/L	-/-	Comp	ND < 0.0943	U
1,2-Dichlorobenzene	ug/L	-/-	Comp	ND < 0.0943	U
1,2-Dichlorobenzene	ug/L	-/-	Grab	ND < 0.32	U
1,2-Dichloropropane	ug/L	-/-	Grab	ND < 0.35	U
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	Comp	ND < 0.0943	UJ (C)
1,3-Dichlorobenzene	ug/L	-/-	Comp	ND < 0.0943	U
1,3-Dichlorobenzene	ug/L	-/-	Grab	ND < 0.35	U
1,4-Dichlorobenzene	ug/L	-/-	Grab	ND < 0.37	U
1,4-Dichlorobenzene	ug/L	-/-	Comp	ND < 0.189	U
2,4,6-Trichlorophenol	ug/L	13/-	Comp	ND < 0.0943	U
2,4-Dichlorophenol	ug/L	-/-	Comp	ND < 0.189	U
2,4-Dimethylphenol	ug/L	-/-	Comp	ND < 0.283	U
2,4-Dinitrophenol	ug/L	-/-	Comp	ND < 0.849	U
2,4-Dinitrotoluene	ug/L	18/-	Comp	ND < 0.189	U
2,6-Dinitrotoluene	ug/L	-/-	Comp	ND < 0.0943	U
2-Chloroethylvinylether	ug/L	-/-	Grab	ND < 1.8	U
2-Chloronaphthalene	ug/L	-/-	Comp	ND < 0.0943	U
2-Chlorophenol	ug/L	-/-	Comp	ND < 0.189	U
2-Methyl-4,6-dinitrophenol	ug/L	-/-	Comp	ND < 0.189	U
2-Nitrophenol	ug/L	-/-	Comp	ND < 0.0943	U
3,3'-Dichlorobenzidine	ug/L	-/-	Comp	ND < 4.72	U
4,4'-DDD	ug/L	-/-	Comp	ND < 0.0040	*
4,4'-DDE	ug/L	-/-	Comp	ND < 0.0030	*
4,4'-DDT	ug/L	-/-	Comp	ND < 0.0040	*
4-Bromophenylphenylether	ug/L	-/-	Comp	ND < 0.0943	U
4-Chloro-3-methylphenol	ug/L	-/-	Comp	ND < 0.189	U
4-Chlorophenylphenylether	ug/L	-/-	Comp	ND < 0.0943	U
4-Nitrophenol	ug/L	-/-	Comp	ND < 2.36	U
Acenaphthene	ug/L	-/-	Comp	ND < 0.0943	U
Acenaphthylene	ug/L	-/-	Comp	ND < 0.0943	U
Acrolein	ug/L	-/-	Grab	ND < 4.0	U
Acrylonitrile	ug/L	-/-	Grab	ND < 1.2	U
Acute Toxicity	% SURVIVAL	70-100/-	Grab	100	--
Aldrin	ug/L	-/-	Comp	ND < 0.0015	*
alpha-BHC	ug/L	0.03/-	Comp	ND < 0.0025	*
Anthracene	ug/L	-/-	Comp	ND < 0.0943	U
Aroclor-1016	ug/L	-/-	Comp	ND < 0.25	*
Aroclor-1221	ug/L	-/-	Comp	ND < 0.25	*
Aroclor-1232	ug/L	-/-	Comp	ND < 0.25	*
Aroclor-1242	ug/L	-/-	Comp	ND < 0.25	*
Aroclor-1248	ug/L	-/-	Comp	ND < 0.25	*
Aroclor-1254	ug/L	-/-	Comp	ND < 0.25	*
Aroclor-1260	ug/L	-/-	Comp	ND < 0.25	*
Benzidine	ug/L	-/-	Comp	ND < 4.72	R (L)
Benzo(a)anthracene	ug/L	-/-	Comp	ND < 0.0943	U
Benzo(a)pyrene	ug/L	-/-	Comp	ND < 0.0943	U
Benzo(b)fluoranthene	ug/L	-/-	Comp	ND < 0.0943	U

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

^(a) Based on peak LA River flow, sampling events on 1/3, 3/3, and 3/7/2011 are dry discharges.

OUTFALL 002 (South Slope below R-2 Pond)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	2/19/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Benzo(g,h,l)perylene	ug/L	-/-	Comp	ND < 0.0943	UJ (*III)
Benzo(k)fluoranthene	ug/L	-/-	Comp	ND < 0.0943	U
beta-BHC	ug/L	-/-	Comp	ND < 0.0040	*
bis (2-Chloroethyl) ether	ug/L	-/-	Comp	ND < 0.0943	UJ (*III)
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-	Comp	ND < 1.60	UJ (*III)
bis(2-Chloroethoxy) methane	ug/L	-/-	Comp	ND < 0.0943	U
bis(2-Chloroisopropyl) ether	ug/L	-/-	Comp	ND < 0.0943	U
Bromodichloromethane	ug/L	-/-	Grab	ND < 0.30	U
Bromoform	ug/L	-/-	Grab	ND < 0.40	U
Bromomethane	ug/L	-/-	Grab	ND < 0.42	U
Butylbenzylphthalate	ug/L	-/-	Comp	ND < 0.660	U
Chlordane	ug/L	-/-	Comp	ND < 0.079	*
Chlorobenzene	ug/L	-/-	Grab	ND < 0.36	U
Chloroethane	ug/L	-/-	Grab	ND < 0.40	U
Chloromethane	ug/L	-/-	Grab	ND < 0.40	U
Chronic Toxicity	TUC	1.0/-	ANR	ANR	ANR
Chrysene	ug/L	-/-	Comp	ND < 0.0943	U
cis-1,2-Dichloroethene	ug/L	-/-	Grab	3.0	--
cis-1,3-Dichloropropene	ug/L	-/-	Grab	ND < 0.22	U
Cyclohexane	ug/L	-/-	Grab	ND < 0.40	U
delta-BHC	ug/L	-/-	Comp	ND < 0.0035	*
Dibenzo(a,h)anthracene	ug/L	-/-	Comp	ND < 0.0943	U
Dibromochloromethane	ug/L	-/-	Grab	ND < 0.40	U
Dieldrin	ug/L	-/-	Comp	ND < 0.0020	*
Diethylphthalate	ug/L	-/-	Comp	0.245	J (DNQ)
Dimethylphthalate	ug/L	-/-	Comp	ND < 0.0943	U
Di-n-butylphthalate	ug/L	-/-	Comp	0.396	J (DNQ)
Di-n-octylphthalate	ug/L	-/-	Comp	ND < 0.0943	U
Endosulfan I	ug/L	-/-	Comp	ND < 0.0020	*
Endosulfan II	ug/L	-/-	Comp	ND < 0.0030	*
Endosulfan sulfate	ug/L	-/-	Comp	ND < 0.0030	*
Endrin	ug/L	-/-	Comp	ND < 0.0020	*
Endrin aldehyde	ug/L	-/-	Comp	ND < 0.0020	*
Fluoranthene	ug/L	-/-	Comp	ND < 0.0943	U
Fluorene	ug/L	-/-	Comp	ND < 0.0943	U
Heptachlor	ug/L	-/-	Comp	ND < 0.0030	*
Heptachlor epoxide	ug/L	-/-	Comp	ND < 0.0025	L*
Hexachlorobenzene	ug/L	-/-	Comp	ND < 0.0943	U
Hexachlorobutadiene	ug/L	-/-	Comp	ND < 0.189	U
Hexachlorocyclopentadiene	ug/L	-/-	Comp	ND < 0.0943	U
Hexachloroethane	ug/L	-/-	Comp	ND < 0.189	U
Hydrazine	ug/L	-/-	Comp	ND < 0.439	U
Unsymmetrical Dimethyl Hydrazine	ug/L	-/-	Comp	ND < 1.13	U
Indeno(1,2,3-cd)pyrene	ug/L	-/-	Comp	ND < 0.0943	U
Isophorone	ug/L	-/-	Comp	ND < 0.0943	U
Lindane (gamma-BHC)	ug/L	-/-	Comp	ND < 0.0030	*
Methylene Chloride	ug/L	-/-	Grab	ND < 0.95	U
Monomethyl Hydrazine	ug/L	-/-	Comp	ND < 1.77	U

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

^(a) Based on peak LA River flow, sampling events on 1/3, 3/3, and 3/7/2011 are dry discharges.

OUTFALL 002 (South Slope below R-2 Pond)

FIRST QUARTER 2011 REPORTING SUMMARY
 THE BOEING COMPANY
 SANTA SUSANA FIELD LABORATORY
 NPDES PERMIT CA0001309

January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	2/19/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Naphthalene	ug/L	-/-	Comp	ND < 0.0943	U
Nitrobenzene	ug/L	-/-	Comp	ND < 0.0943	U
n-Nitrosodimethylamine	ug/L	16/-	Comp	ND < 0.0943	U
n-Nitroso-di-n-propylamine	ug/L	-/-	Comp	ND < 0.0943	U
n-Nitrosodiphenylamine	ug/L	-/-	Comp	ND < 0.0943	U
Pentachlorophenol	ug/L	16.5/-	Comp	ND < 0.0943	U
Phenanthrene	ug/L	-/-	Comp	ND < 0.0943	U
Phenol	ug/L	-/-	Comp	ND < 0.283	U
Pyrene	ug/L	-/-	Comp	ND < 0.0943	U
Toxaphene	ug/L	-/-	Comp	ND < 0.25	*
trans-1,2-Dichloroethene	ug/L	-/-	Grab	ND < 0.30	U
trans-1,3-Dichloropropene	ug/L	-/-	Grab	ND < 0.32	U

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

^(a) Based on peak LA River flow, sampling events on 1/3, 3/3,
 and 3/7/2011 are dry discharges.

OUTFALL 002 (South Slope below R-2 Pond)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg
Ammonia as Nitrogen (N)	mg/L	10.1/-
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/-
Chloride	mg/L	150/-
Dissolved Oxygen	mg	-/-
Dissolved Oxygen	mg/L	-/-
E. Coli	MPN/100 ml	-/-
Fecal Coliform	MPN/100 ml	-/-
Total Residual Chlorine (Field)	mg/L	0.1/-
Specific Conductivity (Lab)	umhos/cm	-/-
Surfactants (MBAS)	mg/L	0.5/-
Fluoride	mg/L	1.6/-
Nitrate + Nitrite as Nitrogen (N)	mg/L	8/-
Nitrate as Nitrogen (N)	mg/L	8/-
Nitrite-N	mg/L	1/-
Oil & Grease	mg/L	15/-
Perchlorate	ug/L	6.0/-
pH (Field)	pH units	6.5-8.5/-
Total Settleable Solids	ml/L	0.3/-
Sulfate	mg/L	300/-
Temperature	deg. F	86/-
Total Cyanide	ug/L	8.5/-
Total Dissolved Solids	mg/L	950/-
Hardness	mg/L	-/-
Hardness, dissolved	mg/L	-/-
Total Organic Carbon	mg/L	-/-
Total Suspended Solids	mg/L	45/-
Turbidity	NTU	-/-
Volume Discharged	MGD	160/-
METALS		
Antimony	ug/L	6.0/-
Antimony, dissolved	ug/L	-/-
Arsenic	ug/L	10/-
Arsenic, dissolved	ug/L	-/-
Barium	mg/L	1.0/-
Barium, dissolved		

OUTFALL 002 (South Slope below R-2 Pond)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	02/25/2011-02/26/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Cobalt, dissolved	ug/L	-/-	ANR	ANR	ANR
Copper	ug/L	14/-	Comp	2.3	*
Copper, dissolved	ug/L	-/-	Comp	0.77	J* (DNQ)
Iron	mg/L	0.3/-	Comp	0.49	--
Iron, dissolved	mg/L	-/-	Comp	0.063	--
Lead	ug/L	5.2/-	Comp	0.24	J* (DNQ)
Lead, dissolved	ug/L	-/-	Comp	ND < 0.20	*
Magnesium	mg/L	-/-	ANR	ANR	ANR
Magnesium, Dissolved	mg/L	-/-	ANR	ANR	ANR
Manganese	ug/L	50/-	ANR	ANR	ANR
Manganese, dissolved	ug/L	-/-	ANR	ANR	ANR
Mercury	ug/L	0.10/-	Comp	ND < 0.10	U
Mercury, dissolved	ug/L	-/-	Comp	ND < 0.10	U
Nickel	ug/L	96/-	ANR	ANR	ANR
Nickel, dissolved	ug/L	-/-	ANR	ANR	ANR
Selenium	ug/L	(5) 8.2/-	Comp	ND < 0.50	*
Selenium, dissolved	ug/L	-/-	Comp	ND < 0.50	*
Silver	ug/L	4.1/-	ANR	ANR	ANR
Silver, dissolved	ug/L	-/-	ANR	ANR	ANR
Thallium	ug/L	2.0/-	ANR	ANR	ANR
Thallium, dissolved	ug/L	-/-	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR
Vanadium, dissolved	ug/L	-/-	ANR	ANR	ANR
Zinc	ug/L	119/-	Comp	ND < 6.00	U
Zinc, Dissolved	ug/L	-/-	Comp	7.68	J (DNQ)
ORGANICS					
Benzene	ug/L	-/-	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	0.5/-	Grab	ND < 0.28	*
1,1-Dichloroethene	ug/L	6.0/-	Grab	ND < 0.42	*
1,4-Dioxane	ug/L	-/-	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR
Trichloroethene	ug/L	5.0/-	Grab	0.86	J* (DNQ)
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR	ANR
Vinyl Chloride	ug/L	-/-	ANR	ANR	ANR
TPH					
DRO (C13 - C28)	mg/L	-/-	ANR	ANR	ANR
GRO (C4 - C12)	mg/L	-/-	ANR	ANR	ANR
ADDITIONAL ANALYTES					
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ANR	ANR	ANR

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

^(a) Based on peak LA River flow, sampling events on 1/3, 3/3, and 3/7/2011 are dry discharges.

OUTFALL 002 (South Slope below R-2 Pond)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	02/25/2011-02/26/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	13/-	Comp	ND < 0.0943	*
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	18/-	Comp	ND < 0.189	*
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR
Acenaphthylene	ug/L	-/-	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR
alpha-BHC	ug/L	0.03/-	Comp	ND < 0.0024	*
Anthracene	ug/L	-/-	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR

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

^(a) Based on peak LA River flow, sampling events on 1/3, 3/3, and 3/7/2011 are dry discharges.

OUTFALL 002 (South Slope below R-2 Pond)

FIRST QUARTER 2011 REPORTING SUMMARY
 THE BOEING COMPANY
 SANTA SUSANA FIELD LABORATORY
 NPDES PERMIT CA0001309

January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	02/25/2011-02/26/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Benzo(g,h,l)perylene	ug/L	-/-			
Benzo(k)fluoranthene	ug/L	-/-			
beta-BHC	ug/L	-/-			
bis (2-Chloroethyl) ether	ug/L	-/-			
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-			
bis(2-Chloroethoxy) methane	ug/L	-/-			
bis(2-Chloroisopropyl) ether	ug/L	-/-			
Bromodichloromethane	ug/L	-/-			
Bromoform	ug/L	-/-			
Bromomethane	ug/L	-/-			
Butylbenzylphthalate	ug/L	-/-			
Chlordane	ug/L	-/-			
Chlorobenzene	ug/L	-/-			
Chloroethane	ug/L	-/-			
Chloromethane	ug/L	-/-			
Chronic Toxicity	TUC	1.0/-			
Chrysene	ug/L	-/-			
cis-1,2-Dichloroethene	ug/L	-/-			
cis-1,3-Dichloropropene	ug/L	-/-			
Cyclohexane	ug/L	-/-			
delta-BHC	ug/L	-/-			
Dibenzo(a,h)anthracene	ug/L	-/-			
Dibromochloromethane	ug/L	-/-			
Dieldrin	ug/L	-/-			
Diethylphthalate	ug/L	-/-			
Dimethylphthalate	ug/L	-/-			
Di-n-butylphthalate	ug/L	-/-			
Di-n-octylphthalate	ug/L	-/-			
Endosulfan I	ug/L	-/-			
Endosulfan II	ug/L	-/-			
Endosulfan sulfate	ug/L	-/-			
Endrin	ug/L	-/-			
Endrin aldehyde	ug/L	-/-			
Fluoranthene	ug/L	-/-			
Fluorene	ug/L	-/-			
Heptachlor	ug/L	-/-			
Heptachlor epoxide	ug/L	-/-			
Hexachlorobenzene	ug/L	-/-			
Hexachlorobutadiene	ug/L	-/-			
Hexachlorocyclopentadiene	ug/L	-/-			
Hexachloroethane	ug/L	-/-			
Hydrazine	ug/L	-/-			
Unsymmetrical Dimethyl Hydrazine	ug/L	-/-			
Indeno(1,2,3-cd)pyrene	ug/L	-/-			
Isophorone	ug/L	-/-			
Lindane (gamma-BHC)	ug/L	-/-			
Methylene Chloride	ug/L	-/-			
Monomethyl Hydrazine	ug/L	-/-			

OUTFALL 002 (South Slope below R-2 Pond)

FIRST QUARTER 2011 REPORTING SUMMARY
 THE BOEING COMPANY
 SANTA SUSANA FIELD LABORATORY
 NPDES PERMIT CA0001309

January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	02/25/2011-02/26/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Naphthalene	ug/L	-/-	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	16/-	Comp	ND < 0.0943	*
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR
Pentachlorophenol	ug/L	16.5/-	Comp	ND < 0.0943	*
Phenanthrene	ug/L	-/-	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR

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

^(a) Based on peak LA River flow, sampling events on 1/3, 3/3,
 and 3/7/2011 are dry discharges.

OUTFALL 002 (South Slope below R-2 Pond)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	3/3/2011 ^(a)		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	10.1/-	Comp	ND < 0.500	*
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/-	Comp	1.2	Ja* (DNQ)
Chloride	mg/L	150/-	Comp	21	MHA*
Dissolved Oxygen	mg	-/-	ANR	ANR	ANR
Dissolved Oxygen	mg/L	-/-	Grab	7.96	*
E. Coli	MPN/100 ml	-/-	ANR	ANR	ANR
Fecal Coliform	MPN/100 ml	-/-	ANR	ANR	ANR
Total Residual Chlorine (Field)	mg/L	0.1/-	ANR	ANR	ANR
Specific Conductivity (Lab)	umhos/cm	-/-	Grab	590	--
Surfactants (MBAS)	mg/L	0.5/-	Comp	ND < 0.050	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8/-	Comp	ND < 0.15	*
Nitrate as Nitrogen (N)	mg/L	8/-	Comp	0.096	Ja* (DNQ)
Nitrite-N	mg/L	1/-	Comp	ND < 0.090	*
Oil & Grease	mg/L	15/-	Grab	ND < 1.3	*
Perchlorate	ug/L	6.0/-	Comp	ND < 0.90	*
pH (Field)	pH units	6.5-8.5/-	Grab	7.4	*
Total Settleable Solids	ml/L	0.3/-	Grab	ND < 0.10	*
Sulfate	mg/L	300/-	Comp	110	MHA*
Temperature	deg. F	86/-	Grab	49	*
Total Cyanide	ug/L	8.5/-	Comp	ND < 2.2	*
Total Dissolved Solids	mg/L	950/-	Comp	380	*
Hardness	mg/L	-/-	ANR	ANR	ANR
Hardness, dissolved	mg/L	-/-	ANR	ANR	ANR
Total Organic Carbon	mg/L	-/-	ANR	ANR	ANR
Total Suspended Solids	mg/L	45/-	Comp	1.0	Ja* (DNQ)
Turbidity	NTU	-/-	Comp	1.3	--
Volume Discharged	MGD	160/-	Meas	0.10741	*
METALS					
Antimony	ug/L	6.0/-	ANR	ANR	ANR
Antimony, dissolved	ug/L	-/-	ANR	ANR	ANR
Arsenic	ug/L	10/-	ANR	ANR	ANR
Arsenic, dissolved	ug/L	-/-	ANR	ANR	ANR
Barium	mg/L	1.0/-	ANR	ANR	ANR
Barium, dissolved	mg/L	-/-	ANR	ANR	ANR
Beryllium	ug/L	4.0/-	ANR	ANR	ANR
Beryllium, dissolved	ug/L	-/-	ANR	ANR	ANR
Boron	mg/L	-/-	ANR	ANR	ANR
Boron, dissolved	mg/L	-/-	ANR	ANR	ANR
Cadmium	ug/L	(4.0) 3.1/-	Comp	ND < 0.10	*
Cadmium, dissolved	ug/L	-/-	Comp	ND < 0.10	*
Calcium	mg/L	-/-	ANR	ANR	ANR
Calcium, Dissolved	mg/L	-/-	ANR	ANR	ANR
Chromium	ug/L	16/-	ANR	ANR	ANR
Chromium, dissolved	ug/L	-/-	ANR	ANR	ANR
Chromium VI	ug/L	16/-	ANR	ANR	ANR
Cobalt	ug/L	-/-	ANR	ANR	ANR

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

^(a) Based on peak LA River flow, sampling events on 1/3, 3/3, and 3/7/2011 are dry discharges.

OUTFALL 002 (South Slope below R-2 Pond)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	3/3/2011 ^(a)		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Cobalt, dissolved	ug/L	-/-	ANR	ANR	ANR
Copper	ug/L	14/-	Comp	2.3	*
Copper, dissolved	ug/L	-/-	Comp	1.4	Ja* (DNQ)
Iron	mg/L	0.3/-	Comp	0.042	B*
Iron, dissolved	mg/L	-/-	Comp	ND < 0.015	*
Lead	ug/L	5.2/-	Comp	ND < 0.20	*
Lead, dissolved	ug/L	-/-	Comp	ND < 0.20	C*
Magnesium	mg/L	-/-	ANR	ANR	ANR
Magnesium, Dissolved	mg/L	-/-	ANR	ANR	ANR
Manganese	ug/L	50/-	ANR	ANR	ANR
Manganese, dissolved	ug/L	-/-	ANR	ANR	ANR
Mercury	ug/L	0.10/-	Comp	ND < 0.10	U
Mercury, dissolved	ug/L	-/-	Comp	ND < 0.10	U
Nickel	ug/L	96/-	ANR	ANR	ANR
Nickel, dissolved	ug/L	-/-	ANR	ANR	ANR
Selenium	ug/L	(5) 8.2/-	Comp	ND < 0.50	*
Selenium, dissolved	ug/L	-/-	Comp	ND < 0.50	*
Silver	ug/L	4.1/-	ANR	ANR	ANR
Silver, dissolved	ug/L	-/-	ANR	ANR	ANR
Thallium	ug/L	2.0/-	ANR	ANR	ANR
Thallium, dissolved	ug/L	-/-	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR
Vanadium, dissolved	ug/L	-/-	ANR	ANR	ANR
Zinc	ug/L	119/-	Comp	ND < 6.00	*
Zinc, Dissolved	ug/L	-/-	Comp	6.2	Ja* (DNQ)
ORGANICS					
Benzene	ug/L	-/-	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	0.5/-	Grab	ND < 0.28	*
1,1-Dichloroethene	ug/L	6.0/-	Grab	ND < 0.42	*
1,4-Dioxane	ug/L	-/-	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR
Trichloroethene	ug/L	5.0/-	Grab	0.43	Ja* (DNQ)
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR	ANR
Vinyl Chloride	ug/L	-/-	ANR	ANR	ANR
TPH					
DRO (C13 - C28)	mg/L	-/-	ANR	ANR	ANR
GRO (C4 - C12)	mg/L	-/-	ANR	ANR	ANR
ADDITIONAL ANALYTES					
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ANR	ANR	ANR

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

^(a) Based on peak LA River flow, sampling events on 1/3, 3/3, and 3/7/2011 are dry discharges.

OUTFALL 002 (South Slope below R-2 Pond)

FIRST QUARTER 2011 REPORTING SUMMARY
 THE BOEING COMPANY
 SANTA SUSANA FIELD LABORATORY
 NPDES PERMIT CA0001309

January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg
1,1,2,2-Tetrachloroethane	ug/L	-/-
1,2,4-Trichlorobenzene	ug/L	-/-
1,2-Dichlorobenzene	ug/L	-/-
1,2-Dichlorobenzene	ug/L	-/-
1,2-Dichloropropane	ug/L	-/-
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-
1,3-Dichlorobenzene	ug/L	-/-
1,3-Dichlorobenzene	ug/L	-/-
1,4-Dichlorobenzene	ug/L	-/-
1,4-Dichlorobenzene	ug/L	-/-
2,4,6-Trichlorophenol	ug/L	13/-
2,4-Dichlorophenol	ug/L	-/-
2,4-Dimethylphenol	ug/L	-/-
2,4-Dinitrophenol	ug/L	-/-
2,4-Dinitrotoluene	ug/L	18/-
2,6-Dinitrotoluene	ug/L	-/-
2-Chloroethylvinylether	ug/L	-/-
2-Chloronaphthalene	ug/L	-/-
2-Chlorophenol	ug/L	-/-
2-Methyl-4,6-dinitrophenol	ug/L	-/-
2-Nitrophenol	ug/L	-/-
3,3'-Dichlorobenzidine	ug/L	-/-
4,4'-DDD	ug/L	-/-
4,4'-DDE	ug/L	-/-
4,4'-DDT	ug/L	-/-
4-Bromophenylphenylether	ug/L	-/-
4-Chloro-3-methylphenol	ug/L	-/-
4-Chlorophenylphenylether	ug/L	-/-
4-Nitrophenol	ug/L	-/-

OUTFALL 002 (South Slope below R-2 Pond)

FIRST QUARTER 2011 REPORTING SUMMARY
 THE BOEING COMPANY
 SANTA SUSANA FIELD LABORATORY
 NPDES PERMIT CA0001309

January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	SAMPLE TYPE	3/3/2011 ^(a)	VALIDATION QUALIFIER	Explanation
				RESULT		
Benzo(g,h,i)perylene	ug/L	-/-				
Benzo(k)fluoranthene	ug/L	-/-				
beta-BHC	ug/L	-/-				
bis (2-Chloroethyl) ether	ug/L	-/-				
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-				
bis(2-Chloroethoxy) methane	ug/L	-/-				
bis(2-Chloroisopropyl) ether	ug/L	-/-				
Bromodichloromethane	ug/L	-/-				
Bromoform	ug/L	-/-				
Bromomethane	ug/L	-/-				
Butylbenzylphthalate	ug/L	-/-				
Chlordane	ug/L	-/-				
Chlorobenzene	ug/L	-/-				
Chloroethane	ug/L	-/-				
Chloromethane	ug/L	-/-				
Chronic Toxicity	TUC	1.0/-				
Chrysene	ug/L	-/-				
cis-1,2-Dichloroethene	ug/L	-/-				
cis-1,3-Dichloropropene	ug/L	-/-				
Cyclohexane	ug/L	-/-				
delta-BHC	ug/L	-/-				
Dibenzo(a,h)anthracene	ug/L	-/-				
Dibromochloromethane	ug/L	-/-				
Dieldrin	ug/L	-/-				
Diethylphthalate	ug/L	-/-				
Dimethylphthalate	ug/L	-/-				
Di-n-butylphthalate	ug/L	-/-				
Di-n-octylphthalate	ug/L	-/-				
Endosulfan I	ug/L	-/-				
Endosulfan II	ug/L	-/-				
Endosulfan sulfate	ug/L	-/-				
Endrin	ug/L	-/-				
Endrin aldehyde	ug/L	-/-				
Fluoranthene	ug/L	-/-				
Fluorene	ug/L	-/-				
Heptachlor	ug/L	-/-				
Heptachlor epoxide	ug/L	-/-				
Hexachlorobenzene	ug/L	-/-				
Hexachlorobutadiene	ug/L	-/-				
Hexachlorocyclopentadiene	ug/L	-/-				
Hexachloroethane	ug/L	-/-				
Hydrazine	ug/L	-/-				
Unsymmetrical Dimethyl Hydrazine	ug/L	-/-				
Indeno(1,2,3-cd)pyrene	ug/L	-/-				
Isophorone	ug/L	-/-				
Lindane (gamma-BHC)	ug/L	-/-				
Methylene Chloride	ug/L	-/-				
Monomethyl Hydrazine	ug/L	-/-				

OUTFALL 002 (South Slope below R-2 Pond)

FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg
Naphthalene	ug/L	-/-
Nitrobenzene	ug/L	-/-
n-Nitrosodimethylamine	ug/L	16/-
n-Nitroso-di-n-propylamine	ug/L	-/-
n-Nitrosodiphenylamine	ug/L	-/-
Pentachlorophenol	ug/L	16.5/-
Phenanthrene		
Phenanthrene STJ*(Phenanthrene)-1675nyne		

OUTFALL 002 (South Slope below R-2 Pond)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

OUTFALL 002 (South Slope below R-2 Pond)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	3/7/2011 ^(a)		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Cobalt, dissolved	ug/L	-/-	ANR	ANR	ANR
Copper	ug/L	14/-	Comp	1.4	J (DNQ)
Copper, dissolved	ug/L	-/-	Comp	1.9	J (DNQ)
Iron	mg/L	0.3/-	Comp	ND < 0.015	U
Iron, dissolved	mg/L	-/-	Comp	ND < 0.015	U
Lead	ug/L	5.2/-	Comp	ND < 0.20	UJ (*III)
Lead, dissolved	ug/L	-/-	Comp	ND < 0.20	UJ (*III)
Magnesium	mg/L	-/-	ANR	ANR	ANR
Magnesium, Dissolved	mg/L	-/-	ANR	ANR	ANR
Manganese	ug/L	50/-	ANR	ANR	ANR
Manganese, dissolved	ug/L	-/-	ANR	ANR	ANR
Mercury	ug/L	0.10/-	Comp	ND < 0.10	U
Mercury, dissolved	ug/L	-/-	Comp	ND < 0.10	U
Nickel	ug/L	96/-	ANR	ANR	ANR
Nickel, dissolved	ug/L	-/-	ANR	ANR	ANR
Selenium	ug/L	(5) 8.2/-	Comp	ND < 0.50	U
Selenium, dissolved	ug/L	-/-	Comp	ND < 0.50	U
Silver	ug/L	4.1/-	ANR	ANR	ANR
Silver, dissolved	ug/L	-/-	ANR	ANR	ANR
Thallium	ug/L	2.0/-	ANR	ANR	ANR
Thallium, dissolved	ug/L	-/-	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR
Vanadium, dissolved	ug/L	-/-	ANR	ANR	ANR
Zinc	ug/L	119/-	Comp	ND < 6.00	U
Zinc, Dissolved	ug/L	-/-	Comp	ND < 6.00	U
ORGANICS					
Benzene	ug/L	-/-	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	0.5/-	Grab	ND < 0.28	U
1,1-Dichloroethene	ug/L	6.0/-	Grab	ND < 0.42	U
1,4-Dioxane	ug/L	-/-	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR
Trichloroethene	ug/L	5.0/-	Grab	ND < 0.26	U
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR	ANR
Vinyl Chloride	ug/L	-/-	ANR	ANR	ANR
TPH					
DRO (C13 - C28)	mg/L	-/-	ANR	ANR	ANR
GRO (C4 - C12)	mg/L	-/-	ANR	ANR	ANR
ADDITIONAL ANALYTES					
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ANR	ANR	ANR

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

^(a) Based on peak LA River flow, sampling events on 1/3, 3/3, and 3/7/2011 are dry discharges.

OUTFALL 002 (South Slope below R-2 Pond)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	3/7/2011 ^(a)		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	13/-	Comp	ND < 0.0943	U
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	18/-	Comp	ND < 0.189	U
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR
Acenaphthylene	ug/L	-/-	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR
alpha-BHC	ug/L	0.03/-	Comp	ND < 0.0024	U
Anthracene	ug/L	-/-	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR

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

^(a) Based on peak LA River flow, sampling events on 1/3, 3/3, and 3/7/2011 are dry discharges.

OUTFALL 002 (South Slope below R-2 Pond)

FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	3/7/2011 ^(a)		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Benzo(g,h,l)perylene	ug/L	-/-	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-	Comp	ND < 1.60	U
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR
Chronic Toxicity	TUC	1.0/-	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR
cis-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR
Cyclohexane	ug/L	-/-	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR
Hydrazine	ug/L	-/-	ANR	ANR	ANR
Unsymmetrical Dimethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR

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

^(a) Based on peak LA River flow, sampling events on 1/3, 3/3, and 3/7/2011 are dry discharges.

OUTFALL 002 (South Slope below R-2 Pond)

FIRST QUARTER 2011 REPORTING SUMMARY
 THE BOEING COMPANY
 SANTA SUSANA FIELD LABORATORY
 NPDES PERMIT CA0001309

January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	3/7/2011 ^(a)		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Naphthalene	ug/L	-/-	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	16/-	Comp	ND < 0.0943	U
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR
Pentachlorophenol	ug/L	16.5/-	Comp	ND < 0.0943	U
Phenanthrene	ug/L	-/-	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR

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

^(a) Based on peak LA River flow, sampling events on 1/3, 3/3,
 and 3/7/2011 are dry discharges.

OUTFALL 002 (South Slope below R-2 Pond)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg
Ammonia as Nitrogen (N)	mg/L	10.1/-
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/-
Chloride	mg/L	150/-
Dissolved Oxygen	mg	-/-
Dissolved Oxygen	mg/L	-/-
E. Coli	MPN/100 ml	-/-
Fecal Coliform	MPN/100 ml	-/-
Total Residual Chlorine (Field)	mg/L	0.1/-
Specific Conductivity (Lab)	umhos/cm	-/-
Surfactants (MBAS)	mg/L	0.5/-
Fluoride	mg/L	1.6/-
Nitrate + Nitrite as Nitrogen (N)	mg/L	8/-
Nitrate as Nitrogen (N)	mg/L	8/-
Nitrite-N	mg/L	1/-
Oil & Grease	mg/L	15/-
Perchlorate	ug/L	6.0/-
pH (Field)	pH units	6.5-8.5/-
Total Settleable Solids	ml/L	0.3/-
Sulfate	mg/L	300/-
Temperature	deg. F	86/-
Total Cyanide	ug/L	8.5/-

OUTFALL 002 (South Slope below R-2 Pond)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly
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OUTFALL 002 (South Slope below R-2 Pond)

FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	3/20/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Benzo(g,h,l)perylene	ug/L	-/-	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-	Comp	ND < 1.60	*
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR
Chronic Toxicity	TUC	1.0/-	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR
cis-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR
Cyclohexane	ug/L	-/-	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR
Hydrazine	ug/L	-/-	ANR	ANR	ANR
Unsymmetrical Dimethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR

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

^(a) Based on peak LA River flow, sampling events on 1/3, 3/3, and 3/7/2011 are dry discharges.

OUTFALL 002 (South Slope below R-2 Pond)

FIRST QUARTER 2011 REPORTING SUMMARY
 THE BOEING COMPANY
 SANTA SUSANA FIELD LABORATORY
 NPDES PERMIT CA0001309

January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	3/20/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Naphthalene	ug/L	-/-	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	16/-	Comp	ND < 0.0943	*
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR
Pentachlorophenol	ug/L	16.5/-	Comp	ND < 0.0943	*
Phenanthrene	ug/L	-/-	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR

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

^(a) Based on peak LA River flow, sampling events on 1/3, 3/3,
 and 3/7/2011 are dry discharges.

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ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB R	(ug/L)			
1,2,3,4,6,7,8-HpCDD	4.50E-07	5.00E-05	ND				
1,2,3,4,6,7,8-HpCDF	4.50E-07	5.00E-05	ND				
1,2,3,4,7,8,9-HpCDF	6.10E-07	5.00E-05	ND				
1,2,3,4,7,8-HxCDD	8.50E-07	5.00E-05	ND				
1,2,3,4,7,8-HxCDF	4.40E-07	5.00E-05	ND				
1,2,3,6,7,8-HxCDD	6.70E-07	5.00E-05	ND				
1,2,3,6,7,8-HxCDF	4.30E-07	5.00E-05	6.70E-07	J (DN			
1,2,3,7,8,9-HxCDD	7.00E-07	5.00E-05	ND	U			
1,2,3,7,8,9-HxCDF	5.20E-07	5.00E-05	ND	UJ (*III)			
1,2,3,7,8-PeCDD	1.10E-06	5.00E-05	ND	U			
1,2,3,7,8-PeCDF	5.50E-07	5.00E-05	ND	U			
2,3,4,6,7,8-HxCDF	4.20E-07	5.00E-05	ND	U		0.5	
2,3,4,7,8-PeCDF	6.00E-07	5.00E-05	ND	U		1	
2,3,7,8-TCDD	5.90E-07	1.00E-05	ND	U		0.1	
2,3,7,8-TCDF	3.70E-07	1.00E-05	ND	U		0.0001	
OCDD	9.40E-07	1.00E-04	ND	U (B)		0.0001	
OCDF	1.20E-06	1.00E-04	ND	U (B)		0.0001	0.02

TCDD TEQ BENCHMARK LIMIT = 2.80

OUTFALL 002 (South Slope below R-2 Pond)

FIRST QUARTER 2011 REPORTING SUMMARY

THE BOEING COMPANY

SANTA SUSANA FIELD LABORATORY

NPDES PERMIT CA0001309

Sample Type Composite

Sample Date February 25-26, 2011

ANALYTE

LAB LOD

OUTFALL 002 (South Slope below R-2 Pond)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

**Sample Type Composite
Sample Date March 3, 2011**

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 WHO TEF	BEF Great Lakes Water Quality Initiative	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	2.10E-06	5.00E-05	ND	U (B)	0.01	0.05	ND
1,2,3,4,6,7,8-HpCDF	2.50E-06	5.00E-05	ND	U (B)	0.01	0.01	ND
1,2,3,4,7,8,9-HpCDF	3.80E-06	5.00E-05	ND	U	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	1.80E-06	5.00E-05	ND	U	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	1.10E-06	5.00E-05	ND	U	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	1.70E-06	5.00E-05	ND	U	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	9.90E-07	5.00E-05	ND	U	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	1.50E-06	5.00E-05	ND	U	0.1	0.1	ND
1,2,3,7,8,9-HxCDF	1.30E-06	5.00E-05	ND	U	0.1	0.6	ND
1,2,3,7,8-PeCDD	2.40E-06	5.00E-05	ND	U	1	0.9	ND
1,2,3,7,8-PeCDF	1.70E-06	5.00E-05	ND	U	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	9.60E-07	5.00E-05	ND	U	0.1	0.7	ND
2,3,4,7,8-PeCDF	1.90E-06	5.00E-05	ND	U	0.5	1.6	ND
2,3,7,8-TCDD	1.80E-06	1.00E-05	ND	U	1	1	ND
2,3,7,8-TCDF	1.70E-06	1.00E-05	ND	U	0.1	0.8	ND
OCDD	3.50E-06	1.00E-04	ND	U (B)	0.0001	0.01	ND
OCDF	3.50E-06	1.00E-04	ND	U (B)	0.0001	0.02	ND

TCDD TEQ w/out DNQ Values	ND
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TCDD TEQ BENCHMARK 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 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Ava	Sample Type	1/3/2011 ^(a)	
				Result	Concentration Result Validation Qualifier
Max Discharge for event	MGD	160	Meas	0.015795	
Ammonia as Nitrogen (N)	LBS/DAY	13,500/-	Comp	ND	*
Biochemical Oxygen Demand (BOD 5 day)	LBS/DAY	40,032/-	Comp	0.17	Ja* (DNQ)
Chloride	LBS/DAY	200,160/-	Comp	3.69	*
Surfactants (MBAS)	LBS/DAY	667/-	Comp	0.01	Ja* (DNQ)
Fluoride	LBS/DAY	2,135/-	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	10,700/-	Comp	ND	*
Nitrate as Nitrogen (N)	LBS/DAY	10,700/-	Comp	0.02	*
Nitrite-N	LBS/DAY	1,334/-	Comp	ND	*
Oil & Grease	LBS/DAY	20,016/-	Grab	ND	*
Perchlorate	LBS/DAY	8.0/-	Comp	ND	*
Sulfate	LBS/DAY	400,320/-	Comp	18.44	*
Total Cyanide	LBS/DAY	11/-	Comp	ND	*
Total Dissolved Solids	LBS/DAY	1,270,000/-	Comp	59.28	*
Total Suspended Solids	LBS/DAY	60,048/-	Comp	ND	*
Total Residual Chlorine (Field)	LBS/DAY	133/-	ANR	ANR	ANR
Antimony	LBS/DAY	8.0/-	ANR	ANR	ANR
Arsenic	LBS/DAY	67/-	ANR	ANR	ANR
Barium	LBS/DAY	1,330/-	ANR	ANR	ANR
Beryllium	LBS/DAY	5.3/-	ANR	ANR	ANR
Cadmium	LBS/DAY	(5.3) 4.1/-	Comp	ND	*
Chromium	LBS/DAY	22/-	ANR	ANR	ANR
Copper	LBS/DAY	19/-	Comp	0.0003	*
Iron	LBS/DAY	400/-	Comp	0.003	Ja* (DNQ)
Lead	LBS/DAY	6.9/-	Comp	ND	*
Manganese	LBS/DAY	66.7/-	Comp	ND	*

OUTFALL 002 (South Slope below R-2 Pond)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	02/25/2011-02/26/2011		
			Sample Type	Result	Concentration Result Validation Qualifier
Max Discharge for event	MGD	160	Meas	0.238935	
Ammonia as Nitrogen (N)	LBS/DAY	13,500/-	Comp	ND	*
Biochemical Oxygen Demand (BOD 5 day)	LBS/DAY	40,032/-	Comp	ND	*
Chloride	LBS/DAY	200,160/-	Comp	39.85	*
Surfactants (MBAS)	LBS/DAY	667/-	Comp	0.40	*
Fluoride	LBS/DAY	2,135/-	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	10,700/-	Comp	ND	*
Nitrate as Nitrogen (N)	LBS/DAY	10,700/-	Comp	0.28	*
Nitrite-N	LBS/DAY	1,334/-	Comp	ND	*
Oil & Grease	LBS/DAY	20,016/-	Grab	ND	*
Perchlorate	LBS/DAY	8.0/-	Comp	ND	*
Sulfate	LBS/DAY	400,320/-	Comp	183.33	*
Total Cyanide	LBS/DAY	11/-	Comp	ND	*
Total Dissolved Solids	LBS/DAY	1,270,000/-	Comp	737.31	*
Total Suspended Solids	LBS/DAY	60,048/-	Comp	5.98	J* (DNQ)
Total Residual Chlorine (Field)	LBS/DAY	133/-	ANR	ANR	ANR
Antimony	LBS/DAY	8.0/-	ANR	ANR	ANR
Arsenic	LBS/DAY	67/-	ANR	ANR	ANR
Barium	LBS/DAY	1,330/-	ANR	ANR	ANR
Beryllium	LBS/DAY	5.3/-	ANR	ANR	ANR
Cadmium	LBS/DAY	(5.3) 4.1/-	Comp	ND	*
Chromium	LBS/DAY	22/-	ANR	ANR	ANR
Copper	LBS/DAY	19/-	Comp	0.0046	*
Iron	LBS/DAY	400/-	Comp	0.98	--
Lead	LBS/DAY	6.9/-	Comp	0.00048	J* (DNQ)
Manganese	LBS/DAY	66.7/-	ANR	ANR	ANR
Mercury	LBS/DAY	0.13/-	Comp	ND	U
Nickel	LBS/DAY	128/-	ANR	ANR	ANR
Selenium	LBS/DAY	(6.7) 11/-	Comp	ND	*
Silver	LBS/DAY	5.5/-	ANR	ANR	ANR
Thallium	LBS/DAY	2.7/-	ANR	ANR	ANR
Zinc	LBS/DAY	159/-	Comp	ND	U
1,2-Dichloroethane	LBS/DAY	0.67/-	Grab	ND	*
1,1-Dichloroethene	LBS/DAY	8.0/-	Grab	ND	*
Trichloroethene	LBS/DAY	6.7/-	Grab	0.002	J* (DNQ)
2,4,6-Trichlorophenol	LBS/DAY	17/-	Comp	ND	*
2,4-Dinitrotoluene	LBS/DAY	24/-	Comp	ND	*
alpha-BHC	LBS/DAY	0.04/-	Comp	ND	*
bis (2-ethylhexyl) Phthalate	LBS/DAY	5.3/-	Comp	ND	*
n-Nitrosodimethylamine	LBS/DAY	22/-	Comp	ND	*
Pentachlorophenol	LBS/DAY	22/-	Comp	ND	*
TCDD TEQ_NoDNQ	LBS/DAY	3.70E-08/-	Comp	ND	--

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

^(a) Based on peak LA River flow, sampling events on 1/3, 3/3, and 3/7/2011 are dry discharges.

OUTFALL 002 (South Slope below R-2 Pond)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	Sample Type	3/3/2011 ^(a)	
				Result	Concentration Result Validation Qualifier
Max Discharge for event	MGD	160	Meas	0.243845	
Ammonia as Nitrogen (N)	LBS/DAY	13,500/-	Comp	ND	*
Biochemical Oxygen Demand (BOD 5 day)	LBS/DAY	40,032/-	Comp	2.44	Ja* (DNQ)
Chloride	LBS/DAY	200,160/-	Comp	42.71	MHA*
Surfactants (MBAS)	LBS/DAY	667/-	Comp	ND	*
Fluoride	LBS/DAY	2,135/-	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	10,700/-	Comp	ND	*
Nitrate as Nitrogen (N)	LBS/DAY	10,700/-	Comp	0.20	Ja* (DNQ)
Nitrite-N	LBS/DAY	1,334/-	Comp	ND	*
Oil & Grease	LBS/DAY	20,016/-	Grab	ND	*
Perchlorate	LBS/DAY	8.0/-	Comp	ND	*
Sulfate	LBS/DAY	400,320/-	Comp	223.70	MHA*
Total Cyanide	LBS/DAY	11/-	Comp	ND	*
Total Dissolved Solids	LBS/DAY	1,270,000/-	Comp	772.79	*
Total Suspended Solids	LBS/DAY	60,048/-	Comp	2.03	Ja* (DNQ)
Total Residual Chlorine (Field)	LBS/DAY	133/-	ANR	ANR	ANR
Antimony	LBS/DAY	8.0/-	ANR	ANR	ANR
Arsenic	LBS/DAY	67/-	ANR	ANR	ANR
Barium	LBS/DAY	1,330/-	ANR	ANR	ANR
Beryllium	LBS/DAY	5.3/-	ANR	ANR	ANR
Cadmium	LBS/DAY	(5.3) 4.1/-	Comp	ND	*
Chromium	LBS/DAY	22/-	ANR	ANR	ANR
Copper	LBS/DAY	19/-	Comp	0.005	*
Iron	LBS/DAY	400/-	Comp	0.09	B*
Lead	LBS/DAY	6.9/-	Comp	ND	*
Manganese	LBS/DAY	66.7/-	ANR	ANR	ANR
Mercury	LBS/DAY	0.13/-	Comp	ND	U
Nickel	LBS/DAY	128/-	ANR	ANR	ANR
Selenium	LBS/DAY	(6.7) 11/-	Comp	ND	*
Silver	LBS/DAY	5.5/-	ANR	ANR	ANR
Thallium	LBS/DAY	2.7/-	ANR	ANR	ANR
Zinc	LBS/DAY	159/-	Comp	ND	*
1,2-Dichloroethane	LBS/DAY	0.67/-	Grab	ND	*
1,1-Dichloroethene	LBS/DAY	8.0/-	Grab	ND	*
Trichloroethene	LBS/DAY	6.7/-	Grab	0.001	Ja* (DNQ)
2,4,6-Trichlorophenol	LBS/DAY	17/-	Comp	ND	*
2,4-Dinitrotoluene	LBS/DAY	24/-	Comp	ND	*
alpha-BHC	LBS/DAY	0.04/-	Comp	ND	*
bis (2-ethylhexyl) Phthalate	LBS/DAY	5.3/-	Comp	ND	*
n-Nitrosodimethylamine	LBS/DAY	22/-	Comp	ND	*
Pentachlorophenol	LBS/DAY	22/-	Comp	ND	*
TCDD TEQ_NoDNQ	LBS/DAY	3.70E-08/-	Comp	ND	--

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

^(a) Based on peak LA River flow, sampling events on 1/3, 3/3, and 3/7/2011 are dry discharges.

OUTFALL 002 (South Slope below R-2 Pond)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly
Max Discharge for event	MGD	Ava 160
Ammonia as Nitrogen (N)	LBS/DAY	13,500/-
Biochemical Oxygen Demand (BOD 5 day)	LBS/DAY	40,032/-
Chloride	LBS/DAY	200,160/-
Surfactants (MBAS)	LBS/DAY	667/-
Fluoride	LBS/DAY	2,135/-
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	10,700/-
Nitrate as Nitrogen (N)	LBS/DAY	10,700/-
Nitrite-N	LBS/DAY	1,334/-
Oil & Grease	LBS/DAY	20,016/-
Perchlorate	LBS/DAY	8.0/-
Sulfate	LBS/DAY	400,320/-
Total Cyanide	LBS/DAY	11/-
Total Dissolved Solids	LBS/DAY	1,270,000/-
Total Suspended Solids	LBS/DAY	60,048/-
Total Residual Chlorine (Field)	LBS/DAY	133/-
Antimony	LBS/DAY	8.0/-
Arsenic	LBS/DAY	67/-
Barium	LBS/DAY	1,330/-
Beryllium	LBS/DAY	5.3/-
Cadmium	LBS/DAY	(5.3) 4.1/-
Chromium	LBS/DAY	22/-
Copper	LBS/DAY	19/-
Iron	LBS/DAY	400/-
Lead	LBS/DAY	6.9/-
Manganese	LBS/DAY	66.7/-
Mercury	LBS/DAY	0.13/-
Nickel	LBS/DAY	128/-
Selenium	LBS/DAY	(6.7) 11/-
Silver	LBS/DAY	5.5/-
Thallium	LBS/DAY	2.7/-
Zinc	LBS/DAY	159/-
1,2-Dichloroethane	LBS/DAY	0.67/-
1,1-Dichloroethene	LBS/DAY	8.0/-
Trichloroethene	LBS/DAY	Mercury

L159/-

OUTFALL 006 (FSDF-2)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/21/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	Comp	7.5	*
E. Coli	MPN/100 ml	-/-	Grab	300	*
Fecal Coliform	MPN/100 ml	-/-	Grab	300	*
Fluoride	mg/L	1.6/-	Comp	0.21	*
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	Comp	0.81	*
Oil & Grease	mg/L	15/-	Grab	ND < 1.3	*
Perchlorate	ug/L	6.0/-	Comp	ND < 0.90	U
pH (Field)	pH units	6.5-8.5/-	Grab	7.6	*
Sulfate	mg/L	250/-	Comp	3.8	*
Temperature	deg. F	86/-	Grab	46	*
Total Cyanide	ug/L	9.5/-	Comp	ND < 2.2	*
Total Dissolved Solids	mg/L	850/-	Comp	140	*
Hardness	mg/L	-/-	Comp	54	--
Hardness, dissolved	mg/L	-/-	Comp	47	--
Total Suspended Solids	mg/L	-/-	Comp	37	--
Volume Discharged	MGD	17.8/-	Meas	0.00583	*
METALS					
Aluminum	ug/L	-/-	Comp	3900	--
Aluminum, dissolved	ug/L	-/-	Comp	55	--
Antimony	ug/L	6.0/-	Comp	0.39	J* (DNQ)
Antimony, dissolved	ug/L	-/-	Comp	ND < 0.30	*
Arsenic	ug/L	-/-	Comp	ND < 7.0	U
Arsenic, dissolved	ug/L	-/-	Comp	ND < 7.0	U
Beryllium	ug/L	-/-	Comp	ND < 0.90	U
Beryllium, dissolved	ug/L	-/-	Comp	ND < 0.90	U
Boron	mg/L	1.0/-	Comp	0.025	J (DNQ)
Boron, dissolved	mg/L	-/-	Comp	0.028	J (DNQ)
Cadmium	ug/L	4.0/-	Comp	ND < 0.10	*
Cadmium, dissolved	ug/L	-/-	Comp	ND < 0.10	*
Calcium	mg/L	-/-	Comp	18	--
Calcium, Dissolved	mg/L	-/-	Comp	16	--
Chromium	ug/L	-/-	Comp	5.2	--
Chromium, dissolved	ug/L	-/-	Comp	ND < 2.0	U
Chromium VI	ug/L	-/-	Grab	ND < 0.250	*
Copper	ug/L	14/-	Comp	4.34	*
Copper, dissolved	ug/L	-/-	Comp	1.92	J* (DNQ)
Iron	mg/L	-/-	Comp	3.3	--
Iron, dissolved	mg/L	-/-	Comp	0.037	J (DNQ)
Lead	ug/L	5.2/-	Comp	2.3	*
Lead, dissolved	ug/L	-/-	Comp	0.27	J* (DNQ)

OUTFALL 006 (FSD-2)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/21/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Magnesium	mg/L	-/-	Comp	2.4	--
Magnesium, Dissolved	mg/L	-/-	Comp	1.5	--
Mercury	ug/L	0.13/-	Comp	ND < 0.10	U
Mercury, dissolved	ug/L	-/-	Comp	ND < 0.10	U
Nickel	ug/L	100/-	Comp	3.3	J (DNQ)
Nickel, dissolved	ug/L	-/-	Comp	ND < 2.0	U
Selenium	ug/L	-/-	Comp	ND < 0.50	*
Selenium, dissolved	ug/L	-/-	Comp	ND < 0.50	*
Silver	ug/L	-/-	Comp	ND < 6.0	U
Silver, dissolved	ug/L	-/-	Comp	ND < 6.0	U
Thallium	ug/L	2.0/-	Comp	ND < 0.20	*
Thallium, dissolved	ug/L	-/-	Comp	ND < 0.20	*
Vanadium	ug/L	-/-	Comp	8.2	J (DNQ)
Vanadium, dissolved	ug/L	-/-	Comp	ND < 3.0	U
Zinc	ug/L	-/-	Comp	15	J (DNQ)
Zinc, Dissolved	ug/L	-/-	Comp	ND < 6.0	U
ORGANICS					
Benzene	ug/L	-/-	Grab	ND < 0.28	*
Carbon Tetrachloride	ug/L	-/-	Grab	ND < 0.28	*
Chloroform	ug/L	-/-	Grab	ND < 0.33	*
1,1-Dichloroethane	ug/L	-/-	Grab	ND < 0.40	*
1,2-Dichloroethane	ug/L	-/-	Grab	ND < 0.28	*
1,1-Dichloroethene	ug/L	-/-	Grab	ND < 0.42	*
Ethylbenzene	ug/L	-/-	Grab	ND < 0.25	*
Tetrachloroethene	ug/L	-/-	Grab	ND < 0.32	*
Toluene	ug/L	-/-	Grab	ND < 0.36	*
Xylenes (Total)	ug/L	-/-	Grab	ND < 0.90	*
1,1,1-Trichloroethane	ug/L	-/-	Grab	ND < 0.30	*
1,1,2-Trichloroethane	ug/L	-/-	Grab	ND < 0.30	*
Trichloroethene	ug/L	-/-	Grab	ND < 0.26	*
Trichlorofluoromethane	ug/L	-/-	Grab	ND < 0.34	*
Vinyl chloride	ug/L	-/-	Grab	ND < 0.40	*
ADDITIONAL ANALYTES					
1,1,2,2-Tetrachloroethane	ug/L	-/-	Grab	ND < 0.30	*
1,2,4-Trichlorobenzene	ug/L	-/-	Comp	ND < 2.36	*
1,2-Dichlorobenzene	ug/L	-/-	Comp	ND < 2.83	*
1,2-Dichlorobenzene	ug/L	-/-	Grab	ND < 0.32	*
1,2-Dichloropropane	ug/L	-/-	Grab	ND < 0.35	*
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	Comp	ND < 2.36	*
1,3-Dichlorobenzene	ug/L	-/-	Grab	ND < 0.35	*
1,3-Dichlorobenzene	ug/L	-/-	Comp	ND < 2.83	*

OUTFALL 006 (FSDF-2)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/21/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER

OUTFALL 006 (FSDF-2)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/21/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Benzo(k)fluoranthene	ug/L	-/-	Comp	ND < 2.36	*
beta-BHC	ug/L	-/-	Comp	ND < 0.0038	*
bis (2-Chloroethyl) ether	ug/L	-/-	Comp	ND < 2.83	*
bis (2-ethylhexyl) Phthalate	ug/L	-/-	Comp	ND < 3.77	*
bis(2-Chloroethoxy) methane	ug/L	-/-	Comp	ND < 2.83	*
bis(2-Chloroisopropyl) ether	ug/L	-/-	Comp	ND < 2.36	*
Bromodichloromethane	ug/L	-/-	Grab	ND < 0.30	*
Bromoform	ug/L	-/-	Grab	ND < 0.40	*
Bromomethane	ug/L	-/-	Grab	ND < 0.42	*
Butylbenzylphthalate	ug/L	-/-	Comp	ND < 3.77	*
Chlordane	ug/L	-/-	Comp	ND < 0.075	*
Chlorobenzene	ug/L	-/-	Grab	ND < 0.36	*
Chloroethane	ug/L	-/-	Grab	ND < 0.40	*
Chloromethane	ug/L	-/-	Grab	ND < 0.40	*
Chlorpyrifos	ug/L	-/-	Comp	ND < 0.010	U
Chronic Toxicity	TUC	1/-	ANR	ANR	ANR
Chrysene	ug/L	-/-	Comp	ND < 2.36	*
cis-1,3-Dichloropropene	ug/L	-/-	Grab	ND < 0.22	*
delta-BHC	ug/L	-/-	Comp	ND < 0.0033	C*
Diazinon	ug/L	-/-	Comp	ND < 0.10	U
Dibenzo(a,h)anthracene	ug/L	-/-	Comp	ND < 2.83	*
Dibromochloromethane	ug/L	-/-	Grab	ND < 0.40	*
Dieldrin	ug/L	-/-	Comp	ND < 0.0019	C*
Diethylphthalate	ug/L	-/-	Comp	ND < 3.30	*
Dimethylphthalate	ug/L	-/-	Comp	ND < 2.36	*
Di-n-butylphthalate	ug/L	-/-	Comp	ND < 2.83	*
Di-n-octylphthalate	ug/L	-/-	Comp	ND < 3.30	*
Endosulfan I	ug/L	-/-	Comp	ND < 0.0019	*
Endosulfan II	ug/L	-/-	Comp	ND < 0.0028	*
Endosulfan sulfate	ug/L	-/-	Comp	ND < 0.0028	C*
Endrin	ug/L	-/-	Comp	ND < 0.0019	C*
Endrin aldehyde	ug/L	-/-	Comp	ND < 0.0019	*
Fluoranthene	ug/L	-/-	Comp	ND < 2.83	*
Fluorene	ug/L	-/-	Comp	ND < 2.83	*
Heptachlor	ug/L	-/-	Comp	ND < 0.0028	C*
Heptachlor epoxide	ug/L	-/-	Comp	ND < 0.0024	*
Hexachlorobenzene	ug/L	-/-	Comp	ND < 2.83	*
Hexachlorobutadiene	ug/L	-/-	Comp	ND < 3.77	*
Hexachlorocyclopentadiene	ug/L	-/-	Comp	ND < 4.72	*
Hexachloroethane	ug/L	-/-	Comp	ND < 3.30	*
Indeno(1,2,3-cd)pyrene	ug/L	-/-	Comp	ND < 3.30	*

OUTFALL 006 (FSDF-2)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/21/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Isophorone	ug/L	-/-	Comp	ND < 2.83	*
Lindane (gamma-BHC)	ug/L	-/-	Comp	ND < 0.0028	C*
Methylene Chloride	ug/L	-/-	Grab	ND < 0.95	*
Naphthalene	ug/L	-/-	Comp	ND < 2.83	*
Nitrobenzene	ug/L	-/-	Comp	ND < 2.83	*
n-Nitrosodimethylamine	ug/L	-/-	Comp	ND < 2.36	*
n-Nitroso-di-n-propylamine	ug/L	-/-	Comp	ND < 3.30	*
n-Nitrosodiphenylamine	ug/L	-/-	Comp	ND < 1.89	*
Pentachlorophenol	ug/L	-/-	Comp	ND < 3.30	*
Phenanthrene	ug/L	-/-	Comp	ND < 3.30	*
Phenol	ug/L	-/-	Comp	ND < 1.89	*
Pyrene	ug/L	-/-	Comp	ND < 3.77	*
Toxaphene	ug/L	-/-	Comp	ND < 0.24	*
trans-1,2-Dichloroethene	ug/L	-/-	Grab	ND < 0.30	*
trans-1,3-Dichloropropene	ug/L	-/-	Grab	ND < 0.32	*

OUTFALL 006 (FSDF-2)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

**Sample Type Composite
Sample Date March 20-21, 2011**

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 WHO TEF	BEF Great Lakes Water Quality Initiative	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	3.80E-06	5.00E-05	5.10E-05	--	0.01	0.05	2.55E-08
1,2,3,4,6,7,8-HpCDF	4.40E-06	5.70E-05	ND	UJ (*III)	0.01	0.01	ND
1,2,3,4,7,8,9-HpCDF	6.50E-06	5.00E-05	ND	U	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	1.70E-06	5.00E-05	ND	U	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	1.70E-06	5.00E-05	ND	UJ (*III)	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	1.60E-06	5.00E-05	ND	U	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	1.60E-06	5.00E-05	ND	UJ (*III)	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	1.40E-06	5.00E-05	2.50E-06	J (DNQ)	0.1	0.1	ND
1,2,3,7,8,9-HxCDF	2.20E-06	5.00E-05	ND	U	0.1	0.6	ND
1,2,3,7,8-PeCDD	1.20E-06	5.00E-05	ND	U	1	0.9	ND
1,2,3,7,8-PeCDF	1.80E-06	5.00E-05	ND	U	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	1.60E-06	5.00E-05	1.30E-06	J (DNQ)	0.1	0.7	ND
2,3,4,7,8-PeCDF	1.90E-06	5.00E-05	ND	U	0.5	1.6	ND
2,3,7,8-TCDD	1.30E-06	1.00E-05	ND	U	1	1	ND
2,3,7,8-TCDF	1.60E-06	1.00E-05	ND	U	0.1	0.8	ND
OCDD	9.30E-06	1.00E-04	5.90E-04	--	0.0001	0.01	5.90E-10
OCDF	3.80E-06	1.00E-04	ND	UJ (*III)	0.0001	0.02	ND

TCDD TEQ w/out DNQ Values	2.61E-08
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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 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

3/21/2011

OUTFALL 008 (Happy Valley Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY**

OUTFALL 008 (Happy Valley Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/3/2011 ^(a)		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Mercury	ug/L	0.13/-	Comp	ND < 0.10	U
Mercury, dissolved	ug/L	-/-	Comp	ND < 0.10	U
Nickel	ug/L	100/-	ANR	ANR	ANR
Nickel, dissolved	ug/L	100/-	ANR	ANR	ANR

OUTFALL 008 (Happy Valley Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/3/2011 ^(a)		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR
Acenaphthylene	ug/L	-/-	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR
Benzo(g,h,l)perylene	ug/L	-/-	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR

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

(a) Based on peak LA River flow, sampling event on 1/03/11 and 2/26/11 are dry discharges.

OUTFALL 008 (Happy Valley Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/3/2011 ^(a)		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER

OUTFALL 008 (Happy Valley Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg
Asbestos	MFL	-/-
Ammonia as Nitrogen (N)	mg/L	10.1/-
Chloride	mg/L	150/-
E. Coli	MPN/100 ml	-/-
Fecal Coliform	MPN/100 ml	-/-
Fluoride	mg/L	1.6/-
Nitrate + Nitrite as Nitrogen (N)	mg/L	8/-
Nitrate as Nitrogen (N)	mg/L	8/-
Nitrite-N	mg/L	1/-

OUTFALL 008 (Happy Valley Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

OUTFALL 008 (Happy Valley Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/26/2011 ^(a)		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
2-Chloroethylvinylether	ug/L	-/-	Grab	ND < 1.8	*
2-Chloronaphthalene	ug/L	-/-	Comp	ND < 2.88	*
2-Chlorophenol	ug/L	-/-	Comp	ND < 2.88	*
2-Methyl-4,6-dinitrophenol	ug/L	-/-	Comp	ND < 3.85	*
2-Nitrophenol	ug/L	-/-	Comp	ND < 3.37	*
3,3'-Dichlorobenzidine	ug/L	-/-	Comp	ND < 7.21	*
4,4'-DDD	ug/L	-/-	Comp	ND < 0.0038	C*
4,4'-DDE	ug/L	-/-	Comp	ND < 0.0029	*
4,4'-DDT	ug/L	-/-	Comp	ND < 0.0038	C5*
4-Bromophenylphenylether	ug/L	-/-	Comp	ND < 2.88	*
4-Chloro-3-methylphenol	ug/L	-/-	Comp	ND < 2.40	*
4-Chlorophenylphenylether	ug/L	-/-	Comp	ND < 2.40	*
4-Nitrophenol	ug/L	-/-	Comp	ND < 5.29	*
Acenaphthene	ug/L	-/-	Comp	ND < 2.88	*
Acenaphthylene	ug/L	-/-	Comp	ND < 2.88	*
Acrolein	ug/L	-/-	Grab	ND < 4.0	*
Acrylonitrile	ug/L	-/-	Grab	ND < 1.2	*
Acute Toxicity	% SURVIVAL	70-100/-	Comp	100	--
Aldrin	ug/L	-/-	Comp	ND < 0.0014	*
alpha-BHC	ug/L	-/-	Comp	ND < 0.0024	*
Anthracene	ug/L	-/-	Comp	ND < 2.40	*
Aroclor-1016	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1221	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1232	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1242	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1248	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1254	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1260	ug/L	-/-	Comp	ND < 0.24	*
Benidine	ug/L	-/-	Comp	ND < 9.62	*
Benzo(a)anthracene	ug/L	-/-	Comp	ND < 2.40	*
Benzo(a)pyrene	ug/L	-/-	Comp	ND < 2.88	*
Benzo(b)fluoranthene	ug/L	-/-	Comp	ND < 1.92	*
Benzo(g,h,i)perylene	ug/L	-/-	Comp	ND < 3.85	*
Benzo(k)fluoranthene	ug/L	-/-	Comp	ND < 2.40	*
beta-BHC	ug/L	-/-	Comp	ND < 0.0038	*
bis (2-Chloroethyl) ether	ug/L	-/-	Comp	ND < 2.88	*
bis (2-ethylhexyl) Phthalate	ug/L	-/-	Comp	ND < 3.85	*
bis(2-Chloroethoxy) methane	ug/L	-/-	Comp	ND < 2.88	*
bis(2-Chloroisopropyl) ether	ug/L	-/-	Comp	ND < 2.40	C*
Bromodichloromethane	ug/L	-/-	Grab	ND < 0.30	*
Bromoform	ug/L	-/-	Grab	ND < 0.40	*
Bromomethane	ug/L	-/-	Grab	ND < 0.42	*
Butylbenzylphthalate	ug/L	-/-	Comp	ND < 3.85	*
Chlordane	ug/L	-/-	Comp	ND < 0.077	*
Chlorobenzene	ug/L	-/-	Grab	ND < 0.36	*
Chloroethane	ug/L	-/-	Grab	ND < 0.40	*
Chloromethane	ug/L	-/-	Grab	ND < 0.40	*

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

(a) Based on peak LA River flow, sampling event on 1/03/11 and 2/26/11 are dry discharges.

OUTFALL 008 (Happy Valley Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

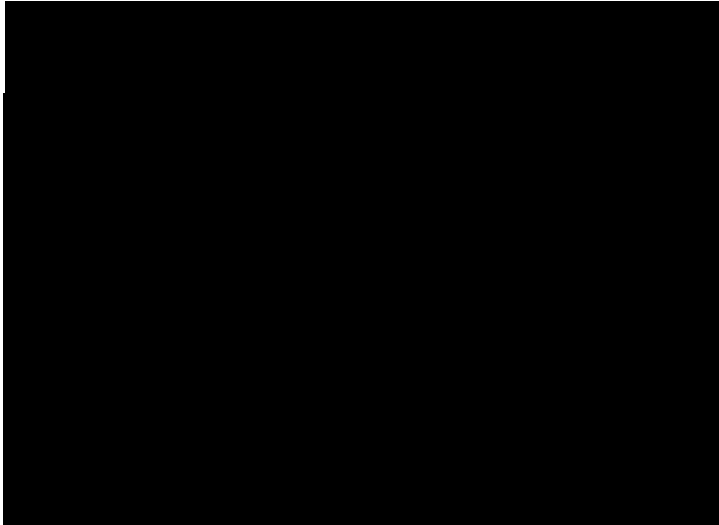
January 1 through March 31, 2011

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

OUTFALL 008 (Happy Valley Drainage)

FIRST QUARTER 2011 REPORTING SUMMARY
 THE BOEING COMPANY
 SANTA SUSANA FIELD LABORATORY
 NPDES PERMIT CA0001309

January 1 through March 31, 2011



Vanadium, dissolved	ug/L	-/-
Zinc	ug/L	159/-
Zinc, Dissolved	ug/L	-/-
ORGANICS		
Benzene	ug/L	-/-
Carbon Tetrachloride	ug/L	-/-
Chloroform	ug/L	-/-
1,1-Dichloroethane	ug/L	-/-
1,2-Dichloroethane	ug/L	-/-
1,1-Dichloroethene	ug/L	-/-
Ethylbenzene	ug/L	-/-
Tetrachloroethene	ug/L	-/-
Toluene	ug/L	-/-
Xylenes (Total)	ug/L	-/-
1,1,1-Trichloroethane	ug/L	-/-
1,1,2-Trichloroethane	ug/L	-/-
Trichloroethene	ug/L	-/-
Trichlorofluoromethane	ug/L	-/-
Vinyl chloride	ug/L	-/-
ADDITIONAL ANALYTES		
1,1,2,2-Tetrachloroethane	ug/L	-/-
1,2,4-Trichlorobenzene	ug/L	-/-
1,2-Dichlorobenzene	ug/L	-/-
1,2-Dichlorobenzene	ug/L	-/-
1,2-Dichloropropane	ug/L	-/-
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-
1,3-Dichlorobenzene	ug/L	-/-
1,3-Dichlorobenzene	ug/L	-/-
1,4-Dichlorobenzene	ug/L	-/-
1,4-Dichlorobenzene	ug/L	-/-
2,4,6-Trichlorophenol	ug/L	-/-
2,4-Dichlorophenol	ug/L	-/-
2,4-Dimethylphenol	ug/L	-/-
2,4-Dinitrophenol	ug/L	-/-
2,4-Dinitrotoluene	ug/L	-/-
2,6-Dinitrotoluene	ug/L	-/-

OUTFALL 008 (Happy Valley Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	03/20/2011-03/21/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR
Acenaphthylene	ug/L	-/-	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR
Benzo(g,h,l)perylene	ug/L	-/-	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR

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

(a) Based on peak LA River flow, sampling event on 1/03/11 and 2/26/11 are dry discharges.

OUTFALL 008 (Happy Valley Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY**

OUTFALL 008 (Happy Valley Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY**

OUTFALL 008 (Happy Valley Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

1/3/2011

OUTFALL 008 (Happy Valley Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY**

OUTFALL 008 (Happy Valley Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY**

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/3/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Magnesium	mg/L	-/-	ANR	ANR	ANR
Magnesium, Dissolved	mg/L	-/-	ANR	ANR	ANR
Mercury	ug/L	0.13/-	Comp	ND < 0.10	U
Mercury, dissolved	ug/L	-/-	Comp	ND < 0.10	U
Nickel	ug/L	100/-	ANR	ANR	ANR
Nickel, dissolved	ug/L	-/-	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR
Selenium, dissolved	ug/L	-/-	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR
Silver, dissolved	ug/L	-/-	ANR	ANR	ANR
Thallium	ug/L	2.0/-	Comp	ND < 0.20	*
Thallium, dissolved	ug/L	-/-	Comp	ND < 0.20	*
Vanadium	ug/L	-/-	ANR	ANR	ANR
Vanadium, dissolved	ug/L	-/-	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR
Zinc, Dissolved	ug/L	-/-	ANR	ANR	ANR
ORGANICS					
Benzene	ug/L	-/-	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR
ADDITIONAL ANALYTES					
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/3/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR
Acenaphthylene	ug/L	-/-	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Ava	SAMPLE TYPE	1/3/2011	
				RESULT	VALIDATION

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/16/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	Comp	1.8	*
E. Coli	MPN/100 ml	-/-	Grab	1200	*
Fecal Coliform	MPN/100 ml	-/-	Grab	1200	*
Fluoride	mg/L	1.6/-	Comp	0.12	*
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	Comp	0.33	*
Oil & Grease	mg/L	15/-	Grab	ND < 1.3	*
Perchlorate	ug/L	6.0/-	Comp	ND < 0.90	*
pH (Field)	pH units	6.5-8.5/-	Grab	7.8	*
Sulfate	mg/L	250/-	Comp	3.9	*
Temperature	deg. F	86/-	Grab	52	*
Total Cyanide	ug/L	9.5/-	Comp	ND < 2.2	*
Total Dissolved Solids	mg/L	850/-	Comp	66	*
Hardness	mg/L	-/-	Comp	23	--
Hardness, dissolved	mg/L	-/-	Comp	23	--
Total Suspended Solids	mg/L	-/-	Comp	1.0	J (DNQ)
Volume Discharged	MGD	17.8/-	Meas	0.00725	*
METALS					
Aluminum	ug/L	-/-	Comp	410	J (Q)
Aluminum, dissolved	ug/L	-/-	Comp	130	--
Antimony	ug/L	6.0/-	Comp	0.32	Ja* (DNQ)
Antimony, dissolved	ug/L	-/-	Comp	0.30	Ja* (DNQ)
Arsenic	ug/L	-/-	Comp	ND < 7.0	U
Arsenic, dissolved	ug/L	-/-	Comp	ND < 7.0	U
Beryllium	ug/L	-/-	Comp	ND < 0.90	U
Beryllium, dissolved	ug/L	-/-	Comp	ND < 0.90	U
Boron	mg/L	1.0/-	Comp	0.047	J (DNQ)
Boron, dissolved	mg/L	-/-	Comp	0.043	J (DNQ)
Cadmium	ug/L	4.0/-	Comp	ND < 0.10	*
Cadmium, dissolved	ug/L	-/-	Comp	ND < 0.10	*
Calcium	mg/L	-/-	Comp	6.2	--
Calcium, Dissolved	mg/L	-/-	Comp	6.3	--
Chromium	ug/L	-/-	Comp	ND < 2.0	U
Chromium, dissolved	ug/L	-/-	Comp	ND < 2.0	U
Chromium VI	ug/L	-/-	Grab	ND < 0.25	*
Copper	ug/L	14/-	Comp	3.06	*
Copper, dissolved	ug/L	-/-	Comp	2.11	*
Iron	mg/L	-/-	Comp	0.50	--
Iron, dissolved	mg/L	-/-	Comp	0.061	--
Lead	ug/L	5.2/-	Comp	1.2	*
Lead, dissolved	ug/L	-/-	Comp	ND < 0.20	*

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/16/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Magnesium	mg/L	-/-	Comp	1.7	--
Magnesium, Dissolved	mg/L	-/-	Comp	1.7	--
Mercury	ug/L	0.13/-	Comp	ND < 0.10	U
Mercury, dissolved	ug/L	-/-	Comp	ND < 0.10	U
Nickel	ug/L	100/-	Comp	ND < 2.0	U
Nickel, dissolved	ug/L	-/-	Comp	ND < 2.0	U
Selenium	ug/L	-/-	Comp	ND < 0.50	*
Selenium, dissolved	ug/L	-/-	Comp	ND < 0.50	*
Silver	ug/L	-/-	Comp	ND < 6.0	U
Silver, dissolved	ug/L	-/-	Comp	ND < 6.0	U
Thallium	ug/L	2.0/-	Comp	ND < 0.20	*
Thallium, dissolved	ug/L	-/-	Comp	ND < 0.20	*
Vanadium	ug/L	-/-	Comp	ND < 3.0	U
Vanadium, dissolved	ug/L	-/-	Comp	ND < 3.0	U
Zinc	ug/L	-/-	Comp	ND < 6.00	U
Zinc, Dissolved	ug/L	-/-	Comp	ND < 6.00	U
ORGANICS					
Benzene	ug/L	-/-	Grab	ND < 0.28	*
Carbon Tetrachloride	ug/L	-/-	Grab	ND < 0.28	*
Chloroform	ug/L	-/-	Grab	ND < 0.33	*
1,1-Dichloroethane	ug/L	-/-	Grab	ND < 0.40	*
1,2-Dichloroethane	ug/L	-/-	Grab	ND < 0.28	*
1,1-Dichloroethene	ug/L	-/-	Grab	ND < 0.42	*
Ethylbenzene	ug/L	-/-	Grab	ND < 0.25	*
Tetrachloroethene	ug/L	-/-	Grab	ND < 0.32	*
Toluene	ug/L	-/-	Grab	ND < 0.36	*
Xylenes (Total)	ug/L	-/-	Grab	ND < 0.90	*
1,1,1-Trichloroethane	ug/L	-/-	Grab	ND < 0.30	*
1,1,2-Trichloroethane	ug/L	-/-	Grab	ND < 0.30	*
Trichloroethene	ug/L	-/-	Grab	ND < 0.26	*
Trichlorofluoromethane	ug/L	-/-	Grab	ND < 0.34	*
Vinyl chloride	ug/L	-/-	Grab	ND < 0.40	*
ADDITIONAL ANALYTES					
1,1,2,2-Tetrachloroethane	ug/L	-/-	Grab	ND < 0.30	*
1,2,4-Trichlorobenzene	ug/L	-/-	Comp	ND < 2.38	*
1,2-Dichlorobenzene	ug/L	-/-	Comp	ND < 2.86	*
1,2-Dichlorobenzene	ug/L	-/-	Grab	ND < 0.32	*
1,2-Dichloropropane	ug/L	-/-	Grab	ND < 0.35	*
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	Comp	ND < 2.38	*
1,3-Dichlorobenzene	ug/L	-/-	Grab	ND < 0.35	*
1,3-Dichlorobenzene	ug/L	-/-	Comp	ND < 2.86	*

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/16/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
1,4-Dichlorobenzene	ug/L	-/-	Comp	ND < 2.38	*
1,4-Dichlorobenzene	ug/L	-/-	Grab	ND < 0.37	*
2,4,6-Trichlorophenol	ug/L	-/-	Comp	ND < 4.29	*
2,4-Dichlorophenol	ug/L	-/-	Comp	ND < 3.33	*
2,4-Dimethylphenol	ug/L	-/-	Comp	ND < 3.33	*
2,4-Dinitrophenol	ug/L	-/-	Comp	ND < 7.62	*
2,4-Dinitrotoluene	ug/L	-/-	Comp	ND < 3.33	*
2,6-Dinitrotoluene	ug/L	-/-	Comp	ND < 1.90	*
2-Chloroethylvinylether	ug/L	-/-	Grab	ND < 1.8	*
2-Chloronaphthalene	ug/L	-/-	Comp	ND < 2.86	*
2-Chlorophenol	ug/L	-/-	Comp	ND < 2.86	*
2-Methyl-4,6-dinitrophenol	ug/L	-/-	Comp	ND < 3.81	*
2-Nitrophenol	ug/L	-/-	Comp	ND < 3.33	*
3,3'-Dichlorobenzidine	ug/L	-/-	Comp	ND < 7.14	*
4,4'-DDD	ug/L	-/-	Comp	ND < 0.0038	*
4,4'-DDE	ug/L	-/-	Comp	ND < 0.0029	*
4,4'-DDT	ug/L	-/-	Comp	ND < 0.0038	*
4-Bromophenylphenylether	ug/L	-/-	Comp	ND < 2.86	*
4-Chloro-3-methylphenol	ug/L	-/-	Comp	ND < 2.38	*
4-Chlorophenylphenylether	ug/L	-/-	Comp	ND < 2.38	*
4-Nitrophenol	ug/L	-/-	Comp	ND < 5.24	*
Acenaphthene	ug/L	-/-	Comp	ND < 2.86	*
Acenaphthylene	ug/L	-/-	Comp	ND < 2.86	*
Acrolein	ug/L	-/-	Grab	ND < 4.0	*
Acrylonitrile	ug/L	-/-	Grab	ND < 1.2	*
Acute Toxicity	% SURVIVAL	70-100/-	Grab	100	*
Aldrin	ug/L	-/-	Comp	ND < 0.0014	*
alpha-BHC	ug/L	-/-	Comp	ND < 0.0024	*
Anthracene	ug/L	-/-	Comp	ND < 2.38	*
Aroclor-1016	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1221	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1232	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1242	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1248	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1254	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1260	ug/L	-/-	Comp	ND < 0.24	*
Benzidine	ug/L	-/-	Comp	ND < 9.52	*
Benzo(a)anthracene	ug/L	-/-	Comp	ND < 2.38	*
Benzo(a)pyrene	ug/L	-/-	Comp	ND < 2.86	*
Benzo(b)fluoranthene	ug/L	-/-	Comp	ND < 1.90	*
Benzo(g,h,i)perylene	ug/L	-/-	Comp	ND < 3.81	*

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/16/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Benzo(k)fluoranthene	ug/L	-/-	Comp	ND < 2.38	*
beta-BHC	ug/L	-/-	Comp	ND < 0.0038	*
bis (2-Chloroethyl) ether	ug/L	-/-	Comp	ND < 2.86	*
bis (2-ethylhexyl) Phthalate	ug/L	-/-	Comp	ND < 3.81	*
bis(2-Chloroethoxy) methane	ug/L	-/-	Comp	ND < 2.86	*
bis(2-Chloroisopropyl) ether	ug/L	-/-	Comp	ND < 2.38	C*
Bromodichloromethane	ug/L	-/-	Grab	ND < 0.30	*
Bromoform	ug/L	-/-	Grab	ND < 0.40	*
Bromomethane	ug/L	-/-	Grab	ND < 0.42	*
Butylbenzylphthalate	ug/L	-/-	Comp	ND < 3.81	*
Chlordane	ug/L	-/-	Comp	ND < 0.077	*
Chlorobenzene	ug/L	-/-	Grab	ND < 0.36	*
Chloroethane	ug/L	-/-	Grab	ND < 0.40	*
Chloromethane	ug/L	-/-	Grab	ND < 0.40	*
Chlorpyrifos	ug/L	-/-	Comp	ND < 0.010	U
Chronic Toxicity	TUC	1/-	ANR	ANR	ANR
Chrysene	ug/L	-/-	Comp	ND < 2.38	*
cis-1,3-Dichloropropene	ug/L	-/-	Grab	ND < 0.22	*
delta-BHC	ug/L	-/-	Comp	ND < 0.0034	*
Diazinon	ug/L	-/-	Comp	ND < 0.10	U
Dibenzo(a,h)anthracene	ug/L	-/-	Comp	ND < 2.86	*
Dibromochloromethane	ug/L	-/-	Grab	ND < 0.40	*
Dieldrin	ug/L	-/-	Comp	ND < 0.0019	*
Diethylphthalate	ug/L	-/-	Comp	ND < 3.33	*
Dimethylphthalate	ug/L	-/-	Comp	ND < 2.38	*
Di-n-butylphthalate	ug/L	-/-	Comp	ND < 2.86	*
Di-n-octylphthalate	ug/L	-/-	Comp	ND < 3.33	*
Endosulfan I	ug/L	-/-	Comp	ND < 0.0019	*
Endosulfan II	ug/L	-/-	Comp	ND < 0.0029	*
Endosulfan sulfate	ug/L	-/-	Comp	ND < 0.0029	*
Endrin	ug/L	-/-	Comp	ND < 0.0019	*
Endrin aldehyde	ug/L	-/-	Comp	ND < 0.0019	*
Fluoranthene	ug/L	-/-	Comp	ND < 2.86	*
Fluorene	ug/L	-/-	Comp	ND < 2.86	*
Heptachlor	ug/L	-/-	Comp	ND < 0.0029	*
Heptachlor epoxide	ug/L	-/-	Comp	ND < 0.0024	*
Hexachlorobenzene	ug/L	-/-	Comp	ND < 2.86	*
Hexachlorobutadiene	ug/L	-/-	Comp	ND < 3.81	*
Hexachlorocyclopentadiene	ug/L	-/-	Comp	ND < 4.76	*
Hexachloroethane	ug/L	-/-	Comp	ND < 3.33	*
Indeno(1,2,3-cd)pyrene	ug/L	-/-	Comp	ND < 3.33	*

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/16/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Isophorone	ug/L	-/-	Comp	ND < 2.86	*
Lindane (gamma-BHC)	ug/L	-/-	Comp	ND < 0.0029	*
Methylene Chloride	ug/L	-/-	Grab	ND < 0.95	*
Naphthalene	ug/L	-/-	Comp	ND < 2.86	*
Nitrobenzene	ug/L	-/-	Comp	ND < 2.86	*
n-Nitrosodimethylamine	ug/L	-/-	Comp	ND < 2.38	*
n-Nitroso-di-n-propylamine	ug/L	-/-	Comp	ND < 3.33	C*
n-Nitrosodiphenylamine	ug/L	-/-	Comp	ND < 1.90	*
Pentachlorophenol	ug/L	-/-	Comp	ND < 3.33	*
Phenanthrene	ug/L	-/-	Comp	ND < 3.33	*
Phenol	ug/L	-/-	Comp	ND < 1.90	*
Pyrene	ug/L	-/-	Comp	ND < 3.81	*
Toxaphene	ug/L	-/-	Comp	ND < 0.24	*
trans-1,2-Dichloroethene	ug/L	-/-	Grab	ND < 0.30	*
trans-1,3-Dichloropropene	ug/L	-/-	Grab	ND < 0.32	*

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
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OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/25/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR
Acenaphthylene	ug/L	-/-	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg
Benzo(k)fluoranthene	ug/L	-/-
beta-BHC	ug/L	-/-
bis (2-Chloroethyl) ether	ug/L	-/-
bis (2-ethylhexyl) Phthalate	ug/L	-/-
bis(2-Chloroethoxy) methane	ug/L	-/-
bis(2-Chloroisopropyl) ether	ug/L	-/-
Bromodichloromethane	ug/L	-/-
Bromoform	ug/L	-/-
Bromomethane	ug/L	-/-
Butylbenzylphthalate	ug/L	-/-
Chlordane	ug/L	-/-
Chlorobenzene	ug/L	-/-
Chloro		

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/25/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Isophorone	ug/L	-/-	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Ava
Chloride	mg/L	150/-

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**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg
Benzo(k)fluoranthene	ug/L	-/-
beta-BHC	ug/L	-/-
bis (2-Chloroethyl) ether	ug/L	-/-
bis (2-ethylhexyl) Phthalate	ug/L	-/-
bis(2-Chloroethoxy) methane	ug/L	-/-
bis(2-Chloroisopropyl) ether	ug/L	-/-
Bromodichloromethane	ug/L	-/-
Bromoform	ug/L	-/-
Bromomethane	ug/L	-/-
Butylbenzylphthalate	ug/L	-/-
Chlordane	ug/L	-/-
Chlorobenzene	ug/L	-/-
Chloro		

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/3/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Isophorone	ug/L	-/-	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR

OUTFALL 009 (WS-13 Drainage)

OUTFALL 009 (WS-13 Drainage)

OUTFALL 009 (WS-13 Drainage)

FIRST F0OUTFALL 009 (WS-13 Drainage)

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg
Benzo(k)fluoranthene	ug/L	-/-
beta-BHC	ug/L	-/-
bis (2-Chloroethyl) ether	ug/L	-/-
bis (2-ethylhexyl) Phthalate	ug/L	-/-
bis(2-Chloroethoxy) methane	ug/L	-/-
bis(2-Chloroisopropyl) ether	ug/L	-/-
Bromodichloromethane	ug/L	-/-
Bromoform	ug/L	-/-
Bromomethane	ug/L	-/-
Butylbenzylphthalate	ug/L	-/-
Chlordane	ug/L	-/-
Chlorobenzene	ug/L	-/-
Chloro		

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/7/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Isophorone	ug/L	-/-	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit
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OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg
1,4-Dichlorobenzene	ug/L	-/-
1,4-Dichlorobenzene	ug/L	-/-
2,4,6-Trichlorophenol	ug/L	-/-
2,4-Dichlorophenol	ug/L	-/-
2,4-Dimethylphenol	ug/L	-/-
2,4-Dinitrophenol	ug/L	-/-
2,4-Dinitrotoluene	ug/L	-/-
2,6-Dinitrotoluene	ug/L	-/-
2-Chloroethylvinylether	ug/L	-/-
2-Chloronaphthalene	ug/L	-/-
2-Chlorophenol	ug/L	-/-
2-Methyl-4,6-dinitrophenol	ug/L	-/-
2-Nitrophenol	ug/L	-/-
3,3'-Dichlorobenzidine	ug/L	-/-
4,4'-DDD	ug/L	-/-
4,4'-DDE	ug/L	-/-
4,4'-DDT	ug/L	-/-
4-Bromophenylphenylether	ug/L	-/-
4-Chloro-3-methylphenol	ug/L	-/-
4-Chlorophenylphenylether	ug/L	-/-
4-Nitrophenol	ug/L	-/-
Acenaphthene	ug/L	-/-
Acenaphthylene	ug/L	-/-
Acrolein	ug/L	-/-
Acrylonitrile	ug/L	-/-
Acute Toxicity	% SURVIVAL	70-100/-
Aldrin	ug/L	-/-
alpha-BHC	ug/L	-/-
Anthracene	ug/L	-/-
Aroclor-1016	ug/L	-/-
Aroclor-1221	ug/L	-/-
Aroclor-1232	ug/L	-/-
Aroclor-1242	ug/L	-/-
Aroclor-1248	ug/L	-/-
Aroclor-1254	ug/L	-/-
Aroclor-1260	ug/L	-/-
Benzidine	ug/L	-/-
Benzo(a)anthracene	ug/L	-/-
Benzo(a)pyrene	ug/L	-/-
Benzo(b)fluoranthene	ug/L	-/-
Benzo(g,h,i)perylene	ug/L	-/-

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg
Benzo(k)fluoranthene	ug/L	-/-
beta-BHC	ug/L	-/-
bis (2-Chloroethyl) ether	ug/L	-/-
bis (2-ethylhexyl) Phthalate	ug/L	-/-
bis(2-Chloroethoxy) methane	ug/L	-/-
bis(2-Chloroisopropyl) ether	ug/L	-/-
Bromodichloromethane	ug/L	-/-
Bromoform	ug/L	-/-
Bromomethane	ug/L	-/-
Butylbenzylphthalate	ug/L	-/-
Chlordane	ug/L	-/-
Chlorobenzene	ug/L	-/-
Chloro		

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/20/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Isophorone	ug/L	-/-	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY**

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/25/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Magnesium	mg/L	-/-	ANR	ANR	ANR
Magnesium, Dissolved	mg/L	-/-	ANR	ANR	ANR
Mercury	ug/L	0.13/-	ANR	ANR	ANR
Mercury, dissolved	ug/L	-/-	ANR	ANR	ANR
Nickel	ug/L	100/-	ANR	ANR	ANR
Nickel, dissolved	ug/L	-/-	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR
Selenium, dissolved	ug/L	-/-	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR
Silver, dissolved	ug/L	-/-	ANR	ANR	ANR
Thallium	ug/L	2.0/-	ANR	ANR	ANR
Thallium, dissolved	ug/L	-/-	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR
Vanadium, dissolved	ug/L	-/-	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR
Zinc, Dissolved	ug/L	-/-	ANR	ANR	ANR
ORGANICS					
Benzene	ug/L	-/-	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR
ADDITIONAL ANALYTES					
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/25/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR
Acenaphthylene	ug/L	-/-	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR
Benzdine	ug/L	-/-	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR
Benzo(g,h,l)perylene	ug/L	-/-	ANR	ANR	ANR

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/25/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR
Chlorpyrifos	ug/L	-/-	ANR	ANR	ANR
Chronic Toxicity	TUC	1/-	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR
Diazinon	ug/L	-/-	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/25/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Isophorone	ug/L	-/-	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY**

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/30/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Magnesium	mg/L	-/-	ANR	ANR	ANR
Magnesium, Dissolved	mg/L	-/-	ANR	ANR	ANR
Mercury	ug/L	0.13/-	ANR	ANR	ANR
Mercury, dissolved	ug/L	-/-	ANR	ANR	ANR
Nickel	ug/L	100/-	ANR	ANR	ANR
Nickel, dissolved	ug/L	-/-	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR
Selenium, dissolved	ug/L	-/-	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR
Silver, dissolved	ug/L	-/-	ANR	ANR	ANR
Thallium	ug/L	2.0/-	ANR	ANR	ANR
Thallium, dissolved	ug/L	-/-	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR
Vanadium, dissolved	ug/L	-/-	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR
Zinc, Dissolved	ug/L	-/-	ANR	ANR	ANR
ORGANICS					
Benzene	ug/L	-/-	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR
ADDITIONAL ANALYTES					
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/30/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR
Acenaphthylene	ug/L	-/-	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR
Benidine	ug/L	-/-	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR
Benzo(g,h,l)perylene	ug/L	-/-	ANR	ANR	ANR

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg
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Benzo(k)fluoranthene	ug/L	-/-
beta-BHC	ug/L	-/-
bis (2-Chloroethyl) ether	ug/L	-/-
bis (2-ethylhexyl) Phthalate	ug/L	-/-
bis(2-Chloroethoxy) meth1./otSbis(2-Chloroethoxy) meth/E-17ie3.2 569.64 18.6 9.6 reWB9.9rL6opug/L		
bis(2-ChloroethoxynBTdethox148072 5h/E-17ie3.2 569.64 18.6 9.nBT9.64 18.6 9.C11ysethox151E95h/E-17ie3.2 569.64		
bis (2-ethylhexyl)Di-n-octylp/L		
bis (2-ethylhexyl)Endosulfan llox1T584.3th/E-17ie3.2 569.64 18.6 9.Endosulfan sulfa75.411193		
bis (2-Chloroethyl)Endrin aldehyd5.412194		
bis (2-Chloroethyl)F(ug/L)-5475.41T528bis (2-Chloroethyl)F(ug/ethox15474E95h/E-17ie3.2 569.64 18.6 9.HeptacBT5.44585		

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/30/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Isophorone	ug/L	-/-	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

**Sample Type Composite
Sample Date January 3, 2011**

BEF Great Lakes

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 WHO TEF
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OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY**

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

**Sample Type Composite
Sample Date February 25, 2011**

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 WHO TEF	BEF Great Lakes Water Quality Initiative	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	1.30E-06	5.00E-05	1.70E-05	J (DNQ)	0.01	0.05	ND
1,2,3,4,6,7,8-HpCDF	7.30E-07	5.00E-05	ND	UJ (*III)	0.01	0.01	ND
1,2,3,4,7,8,9-HpCDF	1.20E-06	5.00E-05	ND	U	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	8.60E-07	5.00E-05	ND	U	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	5.30E-07	5.00E-05	ND	U	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	7.00E-07	5.00E-05	ND	UJ (*III)	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	4.60E-07	5.00E-05	ND	U	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	7.50E-07	5.00E-05	ND	UJ (*III)	0.1	0.1	ND
1,2,3,7,8,9-HxCDF	6.30E-07	5.00E-05	ND	U	0.1	0.6	ND
1,2,3,7,8-PeCDD	1.90E-06	5.00E-05	ND	U	1	0.9	ND
1,2,3,7,8-PeCDF	1.10E-06	5.00E-05	ND	U	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	4.30E-07	5.00E-05	ND	U	0.1	0.7	ND
2,3,4,7,8-PeCDF	1.20E-06	5.00E-05	ND	U	0.5	1.6	ND
2,3,7,8-TCDD	9.40E-07	1.00E-05	ND	U	1	1	ND
2,3,7,8-TCDF	7.30E-07	1.00E-05	ND	U	0.1	0.8	ND
OCDD	2.50E-06	1.00E-04	1.90E-04	--	0.0001	0.01	1.90E-10
OCDF	2.00E-06	1.00E-04	1.60E-05	J (DNQ)	0.0001	0.02	ND

TCDD TEQ w/out DNQ Values

1.90E-10

TCDD TEQ PERMIT LIMIT = 2.80E-08

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

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

**Sample Type Composite
Sample Date March 3, 2011**

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 WHO TEF	BEF Great Lakes Water Quality Initiative	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	1.80E-06	5.00E-05	ND	U (B)	0.01	0.05	ND
1,2,3,4,6,7,8-HpCDF	2.40E-06	5.00E-05	ND	U (B)	0.01	0.01	ND
1,2,3,4,7,8,9-HpCDF	3.70E-06	5.00E-05	ND	U	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	2.20E-06	5.00E-05	ND	U	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	1.00E-06	5.00E-05	ND	U	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	2.00E-06	5.00E-05	ND	U	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	9.70E-07	5.00E-05	ND	U	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	1.80E-06	5.00E-05	ND	U	0.1	0.1	ND
1,2,3,7,8,9-HxCDF	1.20E-06	5.00E-05	ND	U	0.1	0.6	ND
1,2,3,7,8-PeCDD	2.50E-06	5.00E-05	ND	U	1	0.9	ND
1,2,3,7,8-PeCDF	2.20E-06	5.00E-05	ND	U	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	9.40E-07	5.00E-05	ND	U	0.1	0.7	ND
2,3,4,7,8-PeCDF	2.40E-06	5.00E-05	ND	U	0.5	1.6	ND
2,3,7,8-TCDD	1.70E-06	1.00E-05	ND	U	1	1	ND
2,3,7,8-TCDF	5.40E-06	1.00E-05	ND	U	0.1	0.8	ND
OCDD	2.70E-06	1.00E-04	ND	U (B)	0.0001	0.01	ND
OCDF	3.70E-06	1.00E-04	ND	U	0.0001	0.02	ND

TCDD TEQ w/out DNQ Values	ND
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TCDD TEQ PERMIT LIMIT = 2.80E-08

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

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

**Sample Type Composite
Sample Date March 20, 2011**

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 WHO TEF	BEF Great Lakes Water Quality Initiative	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	5.20E-06	5.00E-05	1.50E-04	--	0.01	0.05	7.50E-08
1,2,3,4,6,7,8-HpCDF	5.00E-06	5.00E-05	5.40E-05	--	0.01	0.01	5.40E-09
1,2,3,4,7,8,9-HpCDF	7.40E-06	5.00E-05	ND	U	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	2.20E-06	5.00E-05	ND	UJ (*III)	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	2.10E-06	5.00E-05	ND	UJ (*III)	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	2.00E-06	5.00E-05	ND	UJ (*III)	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	1.90E-06	5.00E-05	ND	UJ (*III)	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	1.80E-06	5.00E-05	ND	UJ (*III)	0.1	0.1	ND
1,2,3,7,8,9-HxCDF	2.60E-06	5.00E-05	ND	U	0.1	0.6	ND
1,2,3,7,8-PeCDD	2.80E-06	5.00E-05	ND	U	1	0.9	ND
1,2,3,7,8-PeCDF	1.70E-06	5.00E-05	ND	U	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	1.90E-06	5.00E-05	ND	U	0.1	0.7	ND
2,3,4,7,8-PeCDF	1.80E-06	5.00E-05	ND	U	0.5	1.6	ND
2,3,7,8-TCDD	1.30E-06	1.00E-05	1.90E-06	J (DNQ)	1	1	ND
2,3,7,8-TCDF	1.70E-06	1.00E-05	ND	U	0.1	0.8	ND
OCDD	2.10E-05	1.00E-04	1.90E-03	--	0.0001	0.01	1.90E-09
OCDF	6.60E-06	1.00E-04	1.30E-04	--	0.0001	0.02	2.60E-10

TCDD TEQ w/out DNQ Values	8.26E-08
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TCDD TEQ PERMIT LIMIT = 2.80E-08

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

OUTFALL 009 (WS-13 Drainage)

FIRST QUARTER 2011 REPORTING SUMMARY THE BOEING COMPANY SANTA SUSANA FIELD LABORATORY NPDES PERMIT CA0001309

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/3/2011		
			Sample Type	Result	Concentration Result Validation Qualifier
Max Discharge for event	MGD	17.8	Meas	0.260735	
Chloride	LBS/DAY	22,268/-	Comp	12.61	*
Fluoride	LBS/DAY	238/-	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,485/-	Comp	1.13	*
Oil & Grease	LBS/DAY	2,227/-	Grab	ND	*
Perchlorate	LBS/DAY	0.89/-	ANR	ANR	ANR
Sulfate	LBS/DAY	37,113/-	Comp	16.09	*
Total Cyanide	LBS/DAY	1.4/-	Comp	ND	*
Total Dissolved Solids	LBS/DAY	126,184/-	Comp	163.09	*
Antimony	LBS/DAY	0.89/-	Comp	0.004	Ja* (DNQ)
Boron	LBS/DAY	148/-	ANR	ANR	ANR
Copper	LBS/DAY	2.1/-	Comp	0.01	*
Lead	LBS/DAY	0.77/-	Comp	0.004	*
Mercury	LBS/DAY	0.02/-	Comp	ND	U
Nickel	LBS/DAY	14.9/-	ANR	ANR	ANR
Thallium	LBS/DAY	0.3/-	Comp	ND	*
TCDD TEQ_NoDNQ	LBS/DAY	4.20E-09/-	Comp	3.91E-13	--

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/16/2011		
			Sample Type	Result	Concentration Result Validation Qualifier
Max Discharge for event	MGD	17.8	Meas	0.00725	
Chloride	LBS/DAY	22,268/-	Comp	0.11	*
Fluoride	LBS/DAY	238/-	Comp	0.01	*
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,485/-	Comp	0.02	*
Oil & Grease	LBS/DAY	2,227/-	Grab	ND	*
Perchlorate	LBS/DAY	0.89/-	Comp	ND	*
Sulfate	LBS/DAY	37,113/-	Comp	0.24	*
Total Cyanide	LBS/DAY	1.4/-	Comp	ND	*
Total Dissolved Solids	LBS/DAY	126,184/-	Comp	3.99	*
Antimony	LBS/DAY	0.89/-	Comp	0.00002	Ja* (DNQ)
Boron	LBS/DAY	148/-	Comp	0.003	J (DNQ)
Copper	LBS/DAY	2.1/-	Comp	0.0002	*
Lead	LBS/DAY	0.77/-	Comp	0.0001	*
Mercury	LBS/DAY	0.02/-	Comp	ND	U
Nickel	LBS/DAY	14.9/-	Comp	ND	U
Thallium	LBS/DAY	0.3/-	Comp	ND	*
TCDD TEQ_NoDNQ	LBS/DAY	4.20E-09/-	Comp	1.39E-14	--

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/25/2011		
			Sample Type	Result	Concentration Result Validation Qualifier
Max Discharge for event	MGD	17.8	Meas	0.613675	
Chloride	LBS/DAY	22,268/-	Comp	22.01	*
Fluoride	LBS/DAY	238/-	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,485/-	Comp	3.17	*
Oil & Grease	LBS/DAY	2,227/-	Grab	ND	*
Perchlorate	LBS/DAY	0.89/-	ANR	ANR	ANR
Sulfate	LBS/DAY	37,113/-	Comp	25.59	*
Total Cyanide	LBS/DAY	1.4/-	Comp	ND	*
Total Dissolved Solids	LBS/DAY	126,184/-	Comp	486.21	*
Antimony	LBS/DAY	0.89/-	Comp	0.004	B, Ja* (DNQ)
Boron	LBS/DAY	148/-	ANR	ANR	ANR
Copper	LBS/DAY	2.1/-	Comp	0.02	*
Lead	LBS/DAY	0.77/-	Comp	0.005	Ja* (DNQ)
Mercury	LBS/DAY	0.02/-	Comp	ND	U
Nickel	LBS/DAY	14.9/-	ANR	ANR	ANR
Thallium	LBS/DAY	0.3/-	Comp	ND	*
TCDD TEQ_NoDNQ	LBS/DAY	4.20E-09/-	Comp	9.72E-13	--

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/3/2011		
			Sample Type	Result	Concentration Result Validation Qualifier
Max Discharge for event	MGD	17.8	Meas	0.044685	
Chloride	LBS/DAY	22,268/-	Comp	2.68	*
Fluoride	LBS/DAY	238/-	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,485/-	Comp	0.13	*
Oil & Grease	LBS/DAY	2,227/-	Grab	ND	*
Perchlorate	LBS/DAY	0.89/-	ANR	ANR	ANR
Sulfate	LBS/DAY	37,113/-	Comp	4.10	*
Total Cyanide	LBS/DAY	1.4/-	Comp	ND	*
Total Dissolved Solids	LBS/DAY	126,184/-	Comp	48.45	*
Antimony	LBS/DAY	0.89/-	Comp	0.0003	J* (DNQ)
Boron	LBS/DAY	148/-	ANR	ANR	ANR
Copper	LBS/DAY	2.1/-	Comp	0.001	*
Lead	LBS/DAY	0.77/-	Comp	ND	*
Mercury	LBS/DAY	0.02/-	Comp	ND	U
Nickel	LBS/DAY	14.9/-	ANR	ANR	ANR
Thallium	LBS/DAY	0.3/-	Comp	ND	*
TCDD TEQ_NoDNQ	LBS/DAY	4.20E-09/-	Comp	ND	--

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit
		Daily
		Max/Monthly
		Avg
Max Discharge for event	MGD	17.8
Chloride	LBS/DAY	22,268/-
Fluoride	LBS/DAY	238/-

OUTFALL 009 (WS-13 Drainage)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg
Max Discharge for event	MGD	17.8
Chloride	LBS/DAY	22,268/-
Fluoride	LBS/DAY	238/-
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,485/-
Oil & Grease	LBS/DAY	2,227/-
Perchlorate	LBS/DAY	0.89/-
Sulfate	LBS/DAY	37,113/-
Total Cyanide	LBS/DAY	1.4/-

OUTFALL 010 (Building 203)

FIRST QUARTER 2011 REPORTING SUMMARY THE BOEING COMPANY SANTA SUSANA FIELD LABORATORY NPDES PERMIT CA0001309

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Ava	SAMPLE TYPE	2/26/2011	VALIDATION QUALIFIER
				RESULT	
Chloride	mg/L	150/-	Comp	13	--
E. Coli	MPN/100 ml	-/-	Grab	22.0	*
Fecal Coliform	MPN/100 ml	-/-	Grab	22.0	*
Fluoride	mg/L	1.6/-	Comp	0.35	--
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	Comp	0.56	--
Oil & Grease	mg/L	15/-	Grab	ND < 1.3	U
Perchlorate	ug/L	6.0/-	Comp	ND < 0.90	U
pH (Field)	pH units	6.5-8.5/-	Grab	7.4	*
Sulfate	mg/L	250/-	Comp	6.3	--
Temperature	deg. F	86/-	Grab	50	*
Total Cyanide	ug/L	9.5/-	Comp	ND < 2.2	U
Total Dissolved Solids	mg/L	850/-	Comp	230	--
Hardness	mg/L	-/-	Comp	86	--
Hardness, dissolved	mg/L	-/-	Comp	21	--
Total Suspended Solids	mg/L	-/-	Comp	25	--
Volume Discharged	MGD	17.8/-	Meas	0.00986	*
METALS					
Aluminum	ug/L	-/-	Comp	1500	--
Aluminum, dissolved	ug/L	-/-	Comp	ND < 40	U
Antimony	ug/L	6.0/-	Comp	ND < 2.0	U (B)
Antimony, dissolved	ug/L	-/-	Comp	ND < 2.0	U (B)
Arsenic	ug/L	-/-	Comp	ND < 7.0	U
Arsenic, dissolved	ug/L	-/-	Comp	ND < 7.0	U
Beryllium	ug/L	-/-	Comp	ND < 0.90	U
Beryllium, dissolved	ug/L	-/-	Comp	ND < 0.90	U
Boron	mg/L	1.0/-	Comp	0.020	J (DNQ)
Boron, dissolved	mg/L	-/-	Comp	ND < 0.020	U
Cadmium	ug/L	4.0/-	Comp	ND < 1.0	U (B)
Cadmium, dissolved	ug/L	-/-	Comp	ND < 0.10	U
Calcium	mg/L	-/-	Comp	29	--
Calcium, Dissolved	mg/L	-/-	Comp	7.3	--
Chromium	ug/L	-/-	Comp	2.8	J (DNQ)
Chromium, dissolved	ug/L	-/-	Comp	ND < 2.0	U
Chromium VI	ug/L	-/-	Grab	ND < 0.250	U
Copper	ug/L	14/-	Comp	3.82	--

OUTFALL 010 (Building 203)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

OUTFALL 010 (Building 203)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/26/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
1,4-Dichlorobenzene	ug/L	-/-	Comp	ND < 2.48	U
1,4-Dichlorobenzene	ug/L	-/-	Grab	ND < 0.37	U
2,4,6-Trichlorophenol	ug/L	-/-	Comp	ND < 4.46	U
2,4-Dichlorophenol	ug/L	-/-	Comp	ND < 3.47	U
2,4-Dimethylphenol	ug/L	-/-	Comp	ND < 3.47	U
2,4-Dinitrophenol	ug/L	-/-	Comp	ND < 7.92	UJ (C)
2,4-Dinitrotoluene	ug/L	-/-	Comp	ND < 3.47	U
2,6-Dinitrotoluene	ug/L	-/-	Comp	ND < 1.98	U
2-Chloroethylvinylether	ug/L	-/-	Grab	ND < 1.8	U
2-Chloronaphthalene	ug/L	-/-	Comp	ND < 2.97	U
2-Chlorophenol	ug/L	-/-	Comp	ND < 2.97	U
2-Methyl-4,6-dinitrophenol	ug/L	-/-	Comp	ND < 3.96	U
2-Nitrophenol	ug/L	-/-	Comp	ND < 3.47	U
3,3'-Dichlorobenzidine	ug/L	-/-	Comp	ND < 7.43	U
4,4'-DDD	ug/L	-/-	Comp	ND < 0.0039	UJ (C)
4,4'-DDE	ug/L	-/-	Comp	ND < 0.0029	U
4,4'-DDT	ug/L	-/-	Comp	ND < 0.0039	UJ (C)
4-Bromophenylphenylether	ug/L	-/-	Comp	ND < 2.97	U
4-Chloro-3-methylphenol	ug/L	-/-	Comp	ND < 2.48	U
4-Chlorophenylphenylether	ug/L	-/-	Comp	ND < 2.48	U
4-Nitrophenol	ug/L	-/-	Comp	ND < 5.45	U
Acenaphthene	ug/L	-/-	Comp	ND < 2.97	U
Acenaphthylene	ug/L	-/-	Comp	ND < 2.97	U
Acrolein	ug/L	-/-	Grab	ND < 4.0	U
Acrylonitrile	ug/L	-/-	Grab	ND < 1.2	U
Acute Toxicity	% SURVIVAL	70-100/-	Comp	100	*
Aldrin	ug/L	-/-	Comp	ND < 0.0015	U
alpha-BHC	ug/L	-/-	Comp	ND < 0.0025	U
Anthracene	ug/L	-/-	Comp	ND < 2.48	U
Aroclor-1016	ug/L	-/-	Comp	ND < 0.25	U
Aroclor-1221	ug/L	-/-	Comp	ND < 0.25	U
Aroclor-1232	ug/L	-/-	Comp	ND < 0.25	U
Aroclor-1242	ug/L	-/-	Comp	ND < 0.25	U
Aroclor-1248	ug/L	-/-	Comp	ND < 0.25	U
Aroclor-1254	ug/L	-/-	Comp	ND < 0.25	U
Aroclor-1260	ug/L	-/-	Comp	ND < 0.25	U
Benzidine	ug/L	-/-	Comp	ND < 9.90	U
Benzo(a)anthracene	ug/L	-/-	Comp	ND < 2.48	U
Benzo(a)pyrene	ug/L	-/-	Comp	ND < 2.97	U
Benzo(b)fluoranthene	ug/L	-/-	Comp	ND < 1.98	U
Benzo(g,h,i)perylene	ug/L	-/-	Comp	ND < 3.96	UJ (C)

OUTFALL 010 (Building 203)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/26/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Benzo(k)fluoranthene	ug/L	-/-	Comp	ND < 2.48	U
beta-BHC	ug/L	-/-	Comp	ND < 0.0039	U
bis (2-Chloroethyl) ether	ug/L	-/-	Comp	ND < 2.97	U
bis (2-ethylhexyl) Phthalate	ug/L	-/-	Comp	ND < 3.96	U
bis(2-Chloroethoxy) methane	ug/L	-/-	Comp	ND < 2.97	U
bis(2-Chloroisopropyl) ether	ug/L	-/-	Comp	ND < 2.48	U
Bromodichloromethane	ug/L	-/-	Grab	ND < 0.30	U
Bromoform	ug/L	-/-	Grab	ND < 0.40	U
Bromomethane	ug/L	-/-	Grab	ND < 0.42	U
Butylbenzylphthalate	ug/L	-/-	Comp	ND < 3.96	U
Chlordane	ug/L	-/-	Comp	ND < 0.078	U
Chlorobenzene	ug/L	-/-	Grab	ND < 0.36	U
Chloroethane	ug/L	-/-	Grab	ND < 0.40	U
Chloromethane	ug/L	-/-	Grab	ND < 0.40	U
Chlorpyrifos	ug/L	-/-	Comp	ND < 0.010	U
Chronic Toxicity	TUC	1/-	Comp	1.0	*
Chrysene	ug/L	-/-	Comp	ND < 2.48	U
cis-1,3-Dichloropropene	ug/L	-/-	Grab	ND < 0.22	U
delta-BHC	ug/L	-/-	Comp	ND < 0.0034	U
Diazinon	ug/L	-/-	Comp	ND < 0.10	U
Dibenzo(a,h)anthracene	ug/L	-/-	Comp	ND < 2.97	U
Dibromochloromethane	ug/L	-/-	Grab	ND < 0.40	U
Dieldrin	ug/L	-/-	Comp	ND < 0.0020	U
Diethylphthalate	ug/L	-/-	Comp	ND < 3.47	U
Dimethylphthalate	ug/L	-/-	Comp	ND < 2.48	U
Di-n-butylphthalate	ug/L	-/-	Comp	ND < 2.97	U
Di-n-octylphthalate	ug/L	-/-	Comp	ND < 3.47	U
Endosulfan I	ug/L	-/-	Comp	ND < 0.0020	U
Endosulfan II	ug/L	-/-	Comp	ND < 0.0029	U
Endosulfan sulfate	ug/L	-/-	Comp	ND < 0.0029	U
Endrin	ug/L	-/-	Comp	ND < 0.0020	U
Endrin aldehyde	ug/L	-/-	Comp	ND < 0.0020	U
Fluoranthene	ug/L	-/-	Comp	ND < 2.97	U
Fluorene	ug/L	-/-	Comp	ND < 2.97	U
Heptachlor	ug/L	-/-	Comp	ND < 0.0029	U
Heptachlor epoxide	ug/L	-/-	Comp	ND < 0.0025	U
Hexachlorobenzene	ug/L	-/-	Comp	ND < 2.97	U
Hexachlorobutadiene	ug/L	-/-	Comp	ND < 3.96	U
Hexachlorocyclopentadiene	ug/L	-/-	Comp	ND < 4.95	U
Hexachloroethane	ug/L	-/-	Comp	ND < 3.47	U
Indeno(1,2,3-cd)pyrene	ug/L	-/-	Comp	ND < 3.47	UJ (C)

OUTFALL 010 (Building 203)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/26/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Isophorone	ug/L	-/-	Comp	ND < 2.97	U
Lindane (gamma-BHC)	ug/L	-/-	Comp	ND < 0.0029	U
Methylene Chloride	ug/L	-/-	Grab	ND < 0.95	U
Naphthalene	ug/L	-/-	Comp	ND < 2.97	U
Nitrobenzene	ug/L	-/-	Comp	ND < 2.97	U
n-Nitrosodimethylamine	ug/L	-/-	Comp	ND < 2.48	U
n-Nitroso-di-n-propylamine	ug/L	-/-	Comp	ND < 3.47	U
n-Nitrosodiphenylamine	ug/L	-/-	Comp	ND < 1.98	U
Pentachlorophenol	ug/L	-/-	Comp	ND < 3.47	U
Phenanthrene	ug/L	-/-	Comp	ND < 3.47	U
Phenol	ug/L	-/-	Comp	ND < 1.98	U
Pyrene	ug/L	-/-	Comp	ND < 3.96	UJ (C)
Toxaphene	ug/L	-/-	Comp	ND < 0.25	U
trans-1,2-Dichloroethene	ug/L	-/-	Grab	ND < 0.30	U
trans-1,3-Dichloropropene	ug/L	-/-	Grab	ND < 0.32	U

OUTFALL 010 (Building 203)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/21/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	Comp	18	*
E. Coli	MPN/100 ml	-/-	ANR	ANR	ANR
Fecal Coliform	MPN/100 ml	-/-	ANR	ANR	ANR
Fluoride	mg/L	1.6/-	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	Comp	0.49	*
Oil & Grease	mg/L	15/-	Grab	ND < 1.3	*
Perchlorate	ug/L	6.0/-	ANR	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	Grab	7.7	*
Sulfate	mg/L	250/-	Comp	8.5	*
Temperature	deg. F	86/-	Grab	50	*
Total Cyanide	ug/L	9.5/-	Comp	ND < 2.2	*
Total Dissolved Solids	mg/L	850/-	Comp	200	*
Hardness	mg/L	-/-	ANR	ANR	ANR
Hardness, dissolved	mg/L	-/-	ANR	ANR	ANR
Total Suspended Solids	mg/L	-/-	Comp	110	--
Volume Discharged	MGD	17.8/-	Meas	0.00699	*
METALS					
Aluminum	ug/L	-/-	ANR	ANR	ANR
Aluminum, dissolved	ug/L	-/-	ANR	ANR	ANR
Antimony	ug/L	6.0/-	Comp	2.3	RL1, J* (DNQ)
Antimony, dissolved	ug/L	-/-	Comp	0.33	J* (DNQ)
Arsenic	ug/L	-/-	ANR	ANR	ANR
Arsenic, dissolved	ug/L	-/-	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR
Beryllium, dissolved	ug/L	-/-	ANR	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR	ANR
Boron, dissolved	mg/L	-/-	ANR	ANR	ANR
Cadmium	ug/L	4.0/-	Comp	ND < 0.20	RL1*
Cadmium, dissolved	ug/L	-/-	Comp	ND < 0.10	*
Calcium	mg/L	-/-	ANR	ANR	ANR
Calcium, Dissolved	mg/L	-/-	ANR	ANR	ANR
Chromium	ug/L	-/-	ANR	ANR	ANR
Chromium, dissolved	ug/L	-/-	ANR	ANR	ANR
Chromium VI	ug/L	-/-	ANR	ANR	ANR
Copper	ug/L	14/-	Comp	6.4	*
Copper, dissolved	ug/L	-/-	Comp	1.7	J* (DNQ)
Iron	mg/L	-/-	ANR	ANR	ANR
Iron, dissolved	mg/L	-/-	ANR	ANR	ANR
Lead	ug/L	5.2/-	Comp	4.4	*
Lead, dissolved	ug/L	-/-	Comp	ND < 0.20	*

OUTFALL 010 (Building 203)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

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OUTFALL 010 (Building 203)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/21/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR
Acenaphthylene	ug/L	-/-	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR

OUTFALL 010 (Building 203)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/21/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR
Chlorpyrifos	ug/L	-/-	ANR	ANR	ANR
Chronic Toxicity	TUC	1/-	Comp	1.0	*
Chrysene	ug/L	-/-	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR
Diazinon	ug/L	-/-	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR

OUTFALL 010 (Building 203)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/21/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Isophorone	ug/L	-/-	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR

OUTFALL 010 (Building 203)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

**Sample Type Composite
Sample Date February 26, 2011**

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 WHO TEF	BEF Great Lakes Water Quality Initiative	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	2.20E-06	5.00E-05	ND	U (B)	0.01	0.05	ND
1,2,3,4,6,7,8-HpCDF	1.80E-06	5.00E-05	ND	U (B)	0.01	0.01	ND
1,2,3,4,7,8,9-HpCDF	3.00E-06	5.00E-05	ND	U	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	3.00E-06	5.00E-05	ND	U	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	2.40E-06	5.00E-05	ND	U	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	2.60E-06	5.00E-05	ND	U	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	2.20E-06	5.00E-05	ND	U	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	2.30E-06	5.00E-05	ND	U	0.1	0.1	ND
1,2,3,7,8,9-HxCDF	3.40E-06	5.00E-05	ND	U	0.1	0.6	ND
1,2,3,7,8-PeCDD	6.10E-06	5.00E-05	ND	U	1	0.9	ND
1,2,3,7,8-PeCDF	8.50E-06	5.00E-05	ND	U	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	2.20E-06	5.00E-05	ND	U	0.1	0.7	ND
2,3,4,7,8-PeCDF	8.90E-06	5.00E-05	ND	U	0.5	1.6	ND
2,3,7,8-TCDD	2.50E-06	1.00E-05	ND	U	1	1	ND
2,3,7,8-TCDF	3.80E-06	1.00E-05	ND	U	0.1	0.8	ND
OCDD	7.90E-06	1.00E-04	9.90E-05	--	0.0001	0.01	9.90E-11
OCDF	6.10E-06	1.00E-04	1.50E-05	J (DNQ)	0.0001	0.02	ND
TCDD TEQ w/out DNQ Values							9.90E-11

TCDD TEQ PERMIT LIMIT = 2.80E-08

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

OUTFALL 010 (Building 203)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

**Sample Type Composite
Sample Date March 21, 2011**

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 WHO TEF	BEF Great Lakes Water Quality Initiative	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	2.50E-06	5.00E-05	3.30E-05	J (DNQ)	0.01	0.05	ND
1,2,3,4,6,7,8-HpCDF	2.20E-06	5.00E-05	ND	UJ (*III)	0.01	0.01	ND
1,2,3,4,7,8,9-HpCDF	3.40E-06	5.00E-05	ND	U	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	1.30E-06	5.00E-05	ND	U	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	5.00E-07	5.00E-05	ND	UJ (*III)	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	1.20E-06	5.00E-05	1.20E-06	J (DNQ)	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	4.40E-07	5.00E-05	ND	UJ (*III)	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	1.10E-06	5.00E-05	ND	UJ (*III)	0.1	0.1	ND
1,2,3,7,8,9-HxCDF	6.00E-07	5.00E-05	ND	U	0.1	0.6	ND
1,2,3,7,8-PeCDD	1.50E-06	5.00E-05	ND	U	1	0.9	ND
1,2,3,7,8-PeCDF	1.20E-06	5.00E-05	ND	U	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	4.40E-07	5.00E-05	ND	U	0.1	0.7	ND
2,3,4,7,8-PeCDF	1.20E-06	5.00E-05	ND	U	0.5	1.6	ND
2,3,7,8-TCDD	9.10E-07	1.00E-05	ND	U	1	1	ND
2,3,7,8-TCDF	1.10E-06	1.00E-05	ND	U	0.1	0.8	ND
OCDD	5.90E-06	1.00E-04	5.00E-04	--	0.0001	0.01	5.00E-10
OCDF	3.80E-06	1.00E-04	5.50E-05	J (DNQ)	0.0001	0.02	ND

TCDD TEQ w/out DNQ Values	5.00E-10
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TCDD TEQ PERMIT LIMIT = 2.80E-08

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

OUTFALL 010 (Building 203)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

2/26/2011

OUTFALL 010 (Building 203)

FIRST QUARTER 2011 REPORTING SUMMARY

OUTFALL 011 (Perimeter Pond Weir)

FIRST QUARTER 2011 REPORTING SUMMARY THE BOEING COMPANY SANTA SUSANA FIELD LABORATORY NPDES PERMIT CA0001309

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	03/20/2011-03/21/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Calcium	mg/L	-/-	Comp	10	--
Calcium, Dissolved	mg/L	-/-	Comp	9.4	--
Chromium	ug/L	16/-	Comp	5.9	--
Chromium, dissolved	ug/L	-/-	Comp	ND < 2.0	U
Chromium VI	ug/L	16/-	Comp	ND < 0.250	H3*
Cobalt	ug/L	-/-	Comp	2.2	J (DNQ)
Cobalt, dissolved	ug/L	-/-	Comp	ND < 2.0	U
Copper	ug/L	14/-	Comp	5.15	*
Copper, dissolved	ug/L	-/-	Comp	2.32	*
Iron	mg/L	0.3/-	Comp	3.6	--
Iron, dissolved	mg/L	-/-	Comp	0.059	--
Lead	ug/L	5.2/-	Comp	3.5	*
Lead, dissolved	ug/L	-/-	Comp	0.35	Ja* (DNQ)
Magnesium	mg/L	-/-	Comp	3.2	J (C)
Magnesium, Dissolved	mg/L	-/-	Comp	2.1	--
Manganese	ug/L	50/-	Comp	55	--
Manganese, dissolved	ug/L	-/-	Comp	ND < 7.0	U
Mercury	ug/L	0.10/-	Comp	ND < 0.10	U
Mercury, dissolved	ug/L	-/-	Comp	ND < 0.10	U
Nickel	ug/L	96/-	Comp	4.5	J (DNQ)
Nickel, dissolved	ug/L	-/-	Comp	2.2	J (DNQ)
Selenium	ug/L	8.2/-	Comp	ND < 0.50	*
Selenium, dissolved	ug/L	-/-	Comp	ND < 0.50	*
Silver	ug/L	4.1/-	Comp	ND < 0.10	*
Silver, dissolved	ug/L	-/-	Comp	ND < 0.10	*
Thallium	ug/L	2.0/-	Comp	ND < 0.20	*
Thallium, dissolved	ug/L	-/-	Comp	ND < 0.20	*
Vanadium	ug/L	-/-	Comp	7.3	J (DNQ)
Vanadium, dissolved	ug/L	-/-	Comp	ND < 3.0	U
Zinc	ug/L	119/-	Comp	28.4	--
Zinc, Dissolved	ug/L	-/-	Comp	ND < 6.00	U
ORGANICS					
Benzene	ug/L	-/-	Grab	ND < 0.28	*
Carbon Tetrachloride	ug/L	-/-	Grab	ND < 0.28	*
Chloroform	ug/L	-/-	Grab	ND < 0.33	*
1,1-Dichloroethane	ug/L	-/-	Grab	ND < 0.40	*
1,2-Dichloroethane	ug/L	0.5/-	Grab	ND < 0.28	*
1,1-Dichloroethene	ug/L	6.0/-	Grab	ND < 0.42	*
1,4-Dioxane	ug/L	-/-	Comp	ND < 1.0	*
Ethylbenzene	ug/L	-/-	Grab	ND < 0.25	*
Tetrachloroethene	ug/L	-/-	Grab	ND < 0.32	*

OUTFALL 011 (Perimeter Pond Weir)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	03/20/2011-03/21/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Toluene	ug/L	-/-	Grab	ND < 0.36	*
Xylenes (Total)	ug/L	-/-	Grab	ND < 0.90	*
1,1,1-Trichloroethane	ug/L	-/-	Grab	ND < 0.30	*
1,1,2-Trichloroethane	ug/L	-/-	Grab	ND < 0.30	*
Trichloroethene	ug/L	5.0/-	Grab	ND < 0.26	*
Trichlorofluoromethane	ug/L	-/-	Grab	ND < 0.34	*
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	Grab	ND < 0.50	*
Vinyl Chloride	ug/L	-/-	Grab	ND < 0.40	*
TPH					
DRO (C13 - C28)	mg/L	-/-	Grab	ND < 0.094	*
GRO (C4 - C12)	mg/L	-/-	Grab	ND < 0.025	*
ADDITIONAL ANALYTES					
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	Grab	ND < 1.1	*
1,1,2,2-Tetrachloroethane	ug/L	-/-	Grab	ND < 0.30	*
1,2,4-Trichlorobenzene	ug/L	-/-	Comp	ND < 0.0943	U
1,2-Dichlorobenzene	ug/L	-/-	Grab	ND < 0.32	*
1,2-Dichlorobenzene	ug/L	-/-	Comp	ND < 0.0943	U
1,2-Dichloropropane	ug/L	-/-	Grab	ND < 0.35	*

OUTFALL 011 (Perimeter Pond Weir)

FIRST QUARTER 2011 REPORTING SUMMARY THE BOEING COMPANY SANTA SUSANA FIELD LABORATORY NPDES PERMIT CA0001309

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	03/20/2011-03/21/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
4-Nitrophenol	ug/L	-/-	Comp	ND < 2.36	U
Acenaphthene	ug/L	-/-	Comp	ND < 0.0943	U
Acenaphthylene	ug/L	-/-	Comp	ND < 0.0943	U
Acrolein	ug/L	-/-	Grab	ND < 4.0	*
Acrylonitrile	ug/L	-/-	Grab	ND < 1.2	*
Acute Toxicity	% SURVIVAL	70-100/-	Comp	100	*
Aldrin	ug/L	-/-	Comp	ND < 0.0014	C*
alpha-BHC	ug/L	0.03/-	Comp	ND < 0.0024	C*
Anthracene	ug/L	-/-	Comp	ND < 0.0943	U
Aroclor-1016	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1221	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1232	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1242	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1248	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1254	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1260	ug/L	-/-	Comp	ND < 0.24	*
Benzidine	ug/L	-/-	Comp	ND < 4.72	R (L)
Benzo(a)anthracene	ug/L	-/-	Comp	ND < 0.0943	U
Benzo(a)pyrene	ug/L	-/-	Comp	ND < 0.0943	U
Benzo(b)fluoranthene	ug/L	-/-	Comp	ND < 0.0943	U
Benzo(g,h,i)perylene	ug/L	-/-	Comp	ND < 0.0943	U
Benzo(k)fluoranthene	ug/L	-/-	Comp	ND < 0.0943	U
beta-BHC	ug/L	-/-	Comp	ND < 0.0038	*
bis (2-Chloroethyl) ether	ug/L	-/-	Comp	ND < 0.0943	U
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-	Comp	ND < 1.60	U
bis(2-Chloroethoxy) methane	ug/L	-/-	Comp	ND < 0.0943	U
bis(2-Chloroisopropyl) ether	ug/L	-/-	Comp	ND < 0.0943	U
Bromodichloromethane	ug/L	-/-	Grab	ND < 0.30	*
Bromoform	ug/L	-/-	Grab	ND < 0.40	*
Bromomethane	ug/L	-/-	Grab	ND < 0.42	*
Butylbenzylphthalate	ug/L	-/-	Comp	ND < 4.72	U (B)
Chlordane	ug/L	-/-	Comp	ND < 0.075	*
Chlorobenzene	ug/L	-/-	Grab	ND < 0.36	*
Chloroethane	ug/L	-/-	Grab	ND < 0.40	*
Chloromethane	ug/L	-/-	Grab	ND < 0.40	*
Chronic Toxicity	TUC	1.0/-	Comp	1.0	*
Chrysene	ug/L	-/-	Comp	ND < 0.0943	U
cis-1,2-Dichloroethene	ug/L	-/-	Grab	ND < 0.32	*
cis-1,3-Dichloropropene	ug/L	-/-	Grab	ND < 0.22	*
Cyclohexane	ug/L	-/-	Grab	ND < 0.40	*
delta-BHC	ug/L	-/-	Comp	ND < 0.0033	C*

OUTFALL 011 (Perimeter Pond Weir)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	03/20/2011-03/21/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Dibenzo(a,h)anthracene	ug/L	-/-	Comp	ND < 0.0943	U
Dibromochloromethane	ug/L	-/-	Grab	ND < 0.40	*
Dieldrin	ug/L	-/-	Comp	ND < 0.0019	C*
Diethylphthalate	ug/L	-/-	Comp	0.302	J (DNQ)
Dimethylphthalate	ug/L	-/-	Comp	ND < 0.0943	U
Di-n-butylphthalate	ug/L	-/-	Comp	0.396	J (DNQ)
Di-n-octylphthalate	ug/L	-/-	Comp	ND < 0.0943	U
Endosulfan I	ug/L	-/-	Comp	ND < 0.0019	*
Endosulfan II	ug/L	-/-	Comp	ND < 0.0028	*
Endosulfan sulfate	ug/L	-/-	Comp	ND < 0.0028	C*
Endrin	ug/L	-/-	Comp	ND < 0.0019	C*
Endrin aldehyde	ug/L	-/-	Comp	ND < 0.0019	*
Fluoranthene	ug/L	-/-	Comp	ND < 0.0943	U
Fluorene	ug/L	-/-	Comp	ND < 0.0943	U
Heptachlor	ug/L	-/-	Comp	ND < 0.0028	C*
Heptachlor epoxide	ug/L	-/-	Comp	ND < 0.0024	*
Hexachlorobenzene	ug/L	-/-	Comp	ND < 0.0943	U
Hexachlorobutadiene	ug/L	-/-	Comp	ND < 0.189	U
Hexachlorocyclopentadiene	ug/L	-/-	Comp	ND < 0.0943	U
Hexachloroethane	ug/L	-/-	Comp	ND < 0.189	U
Hydrazine	ug/L	-/-	Comp	ND < 0.439	U
Unsymmetrical Dimethyl Hydrazine	ug/L	-/-	Comp	ND < 1.13	U
Indeno(1,2,3-cd)pyrene	ug/L	-/-	Comp	ND < 0.0943	U
Isophorone	ug/L	-/-	Comp	ND < 0.0943	U
Lindane (gamma-BHC)	ug/L	-/-	Comp	ND < 0.0028	C*
Methylene Chloride	ug/L	-/-	Grab	ND < 0.95	*
Monomethyl Hydrazine	ug/L	-/-	Comp	ND < 1.77	U
Naphthalene	ug/L	-/-	Comp	ND < 0.0943	U
Nitrobenzene	ug/L	-/-	Comp	ND < 0.0943	U
n-Nitrosodimethylamine	ug/L	16/-	Comp	ND < 0.0943	U
n-Nitroso-di-n-propylamine	ug/L	-/-	Comp	ND < 0.0943	U
n-Nitrosodiphenylamine	ug/L	-/-	Comp	ND < 0.0943	U
Pentachlorophenol	ug/L	16.5/-	Comp	ND < 0.0943	U
Phenanthrene	ug/L	-/-	Comp	ND < 0.0943	U
Phenol	ug/L	-/-	Comp	ND < 0.283	U
Pyrene	ug/L	-/-	Comp	ND < 0.0943	U
Toxaphene	ug/L	-/-	Comp	ND < 0.24	*
trans-1,2-Dichloroethene	ug/L	-/-	Grab	ND < 0.30	*
trans-1,3-Dichloropropene	ug/L	-/-	Grab	ND < 0.32	L*

OUTFALL 011 (Perimeter Pond Weir)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

**Sample Type Composite
Sample Date March 20-21, 2011**

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 WHO TEF	BEF Great Lakes Water Quality Initiative	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	9.60E-07	5.00E-05	ND	U (B)	0.01	0.05	ND
1,2,3,4,6,7,8-HpCDF	6.90E-07	5.00E-05	2.00E-05	J (DNQ)	0.01	0.01	ND
1,2,3,4,7,8,9-HpCDF	9.20E-07	5.00E-05	ND	UJ (*III)	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	6.90E-07	5.00E-05	ND	UJ (*III)	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	4.10E-07	5.00E-05	ND	UJ (*III)	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	6.50E-07	5.00E-05	ND	UJ (*III)	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	3.80E-07	5.00E-05	ND	UJ (*III)	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	5.80E-07	5.00E-05	1.40E-06	J (DNQ)	0.1	0.1	ND
1,2,3,7,8,9-HxCDF	4.80E-07	5.00E-05	ND	U	0.1	0.6	ND
1,2,3,7,8-PeCDD	9.50E-07	5.00E-05	ND	U	1	0.9	ND
1,2,3,7,8-PeCDF	6.90E-07	5.00E-05	ND	U	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	3.70E-07	5.00E-05	ND	UJ (*III)	0.1	0.7	ND
2,3,4,7,8-PeCDF	7.20E-07	5.00E-05	ND	U	0.5	1.6	ND
2,3,7,8-TCDD	8.60E-07	1.00E-05	ND	U	1	1	ND
2,3,7,8-TCDF	6.70E-07	1.00E-05	ND	U	0.1	0.8	ND
OCDD	2.50E-06	1.00E-04	4.30E-04	--	0.0001	0.01	4.30E-10
OCDF	1.10E-06	1.00E-04	3.60E-05	J (DNQ)	0.0001	0.02	ND

OUTFALL 018 (R-2 Spillway)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	02/17/2011-02/18/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	10.1/-	Comp	ND < 0.50	*
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/-	Comp	2.2	*
Chloride	mg/L	150/-	Comp	11	*
Dissolved Oxygen	mg/L	-/-	Grab	8.30	*
E. Coli	MPN/100 ml	-/-	Grab	ND < 2.00	*
Fecal Coliform	MPN/100 ml	-/-	Grab	ND < 2.00	*
Total Residual Chlorine (Field)	mg/L	0.1/-	Grab	0.0	*
Specific Conductivity (Lab)	umhos/cm	-/-	Grab	250	--
Surfactants (MBAS)	mg/L	0.5/-	Comp	0.061	J* (DNQ)
Fluoride	mg/L	1.6/-	Comp	0.19	*
Nitrate + Nitrite as Nitrogen (N)	mg/L	8/-	Comp	0.37	*
Nitrate as Nitrogen (N)	mg/L	8/-	Comp	0.37	*
Nitrite-N	mg/L	1/-	Comp	ND < 0.090	*
Oil & Grease	mg/L	15/-	Grab	ND < 1.3	*
Perchlorate	ug/L	6.0/-	Comp	ND < 0.90	*
pH (Field)	pH units	6.5-8.5/-	Grab	7.6	*
Total Settleable Solids	ml/L	0.3/-	Grab	0.10	*
Sulfate	mg/L	300/-	Comp	64	*
Temperature	deg. F	86/-	Grab	55	*
Total Cyanide	ug/L	8.5/-	Comp	ND < 2.2	*
Total Dissolved Solids	mg/L	950/-	Comp	220	*
Hardness	mg/L	-/-	Comp	110	--
Hardness, dissolved	mg/L	-/-	Comp	110	--
Total Organic Carbon	mg/L	-/-	Comp	10	--
Total Suspended Solids	mg/L	45/-	Comp	ND < 1.0	*
Turbidity	NTU	-/-	Comp	3.1	--
Volume Discharged	MGD	160/-	Meas	0.59796	*
METALS					
Antimony	ug/L	6.0/-	Comp	0.33	J* (DNQ)
Antimony, dissolved	ug/L	-/-	Comp	0.30	J* (DNQ)
Arsenic	ug/L	10/-	Comp	ND < 7.0	U
Arsenic, dissolved	ug/L	-/-	Comp	ND < 7.0	U
Barium	mg/L	1.0/-	Comp	0.010	--
Barium, dissolved	mg/L	-/-	Comp	0.010	--
Beryllium	ug/L	4.0/-	Comp	ND < 0.90	U
Beryllium, dissolved	ug/L	-/-	Comp	ND < 0.90	U
Boron	mg/L	-/-	Comp	0.055	--
Boron, dissolved	mg/L	-/-	Comp	0.060	--
Cadmium	ug/L	(4.0) 3.1/-	Comp	ND < 0.10	*
Cadmium, dissolved	ug/L	-/-	Comp	ND < 0.10	*
Calcium	mg/L	-/-	Comp	33	--
Calcium, Dissolved	mg/L	-/-	Comp	32	--
Chromium	ug/L	16/-	Comp	ND < 2.0	U
Chromium, dissolved	ug/L	-/-	Comp	ND < 2.0	U
Chromium VI	ug/L	16/-	Comp	ND < 0.25	*

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

^(a) Based on peak LA River flow, sampling event on 2/26 - 2/27/2011 is a dry discharge.

OUTFALL 018 (R-2 Spillway)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	02/17/2011-02/18/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER

OUTFALL 018 (R-2 Spillway)

OUTFALL 018 (R-2 Spillway)

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**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	02/17/2011-02/18/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Hydrazine	ug/L	-/-	Comp	ND < 0.439	U
Unsymmetrical Dimethyl Hydrazine	ug/L	-/-	Comp	ND < 1.13	U
Indeno(1,2,3-cd)pyrene	ug/L	-/-	Comp	ND < 0.100	U
Isophorone	ug/L	-/-	Comp	ND < 0.100	U
Lindane (gamma-BHC)	ug/L	-/-	Comp	ND < 0.0032	*
Methylene Chloride	ug/L	-/-	Grab	ND < 0.95	*
Monomethyl Hydrazine	ug/L	-/-	Comp	ND < 1.77	U
Naphthalene	ug/L	-/-	Comp	ND < 0.100	U
Nitrobenzene	ug/L	-/-	Comp	ND < 0.100	U
n-Nitrosodimethylamine	ug/L	16/-	Comp	ND < 0.100	U
n-Nitroso-di-n-propylamine	ug/L	-/-	Comp	ND < 0.100	U
n-Nitrosodiphenylamine	ug/L	-/-	Comp	ND < 0.100	U
Pentachlorophenol	ug/L	16.5/-	Comp	ND < 0.100	U
Phenanthrene	ug/L	-/-	Comp	ND < 0.100	U
Phenol	ug/L	-/-	Comp	ND < 0.300	U
Pyrene	ug/L	-/-	Comp	ND < 0.100	U
Toxaphene	ug/L	-/-	Comp	ND < 0.27	*
trans-1,2-Dichloroethene	ug/L	-/-	Grab	ND < 0.30	*
trans-1,3-Dichloropropene	ug/L	-/-	Grab	ND < 0.32	*

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

^(a) Based on peak LA River flow, sampling event on 2/26 - 2/27/2011 is a dry discharge.

OUTFALL 018 (R-2 Spillway)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
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January 1 through March 31, 2011

OUTFALL 018 (R-2 Spillway)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg
Cobalt	ug/L	-/-
Cobalt, dissolved	ug/L	-/-
Copper	ug/L	14/-
Copper, dissolved	ug/L	-/-
Iron	mg/L	0.3/-
Iron, dissolved	mg/L	-/-
Lead	ug/L	5.2/-
Lead, dissolved	ug/L	-/-
Magnesium	mg/L	-/-
Magnesium, Dissolved	mg/L	-/-
Manganese	ug/L	50/-
Manganese, dissolved	ug/L	-/-
Mercury	ug/L	0.10/-
Mercury, dissolved	ug/L	-/-
Nickel	ug/L	96/-
Nickel, dissolved	ug/L	-/-
Selenium	ug/L	(5) 8.2/-
Selenium, dissolved	ug/L	-/-
Silver	ug/L	4.1/-
Silver, dissolved	ug/L	-/-
Thallium	ug/L	2.0/-
Thallium, dissolved	ug/L	-/-
Vanadium	ug/L	-/-
Vanadium, dissolved	ug/L	-/-
Zinc	ug/L	119/-
Zinc, Dissolved	ug/L	-/-
ORGANICS		
Benzene	ug/L	-/-
Carbon Tetrachloride	ug/L	-/-
Chloroform	ug/L	-/-
1,1-Dichloroethane	ug/L	-/-
1,2-Dichloroethane	ug/L	0.5/-
1,1-Dichloroethene	ug/L	6.0/-
1,4-Dioxane	ug/L	-/-

OUTFALL 018 (R-2 Spillway)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	02/26/2011-02/27/2011 ^(a)		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
GRO (C4 - C12)	mg/L	-/-	ANR	ANR	ANR
ADDITIONAL ANALYTES					
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	13/-	Comp	ND < 0.0957	*
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	18/-	Comp	ND < 0.191	*
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR
Acenaphthylene	ug/L	-/-	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR
alpha-BHC	ug/L	0.03/-	Comp	ND < 0.0024	*
Anthracene	ug/L	-/-	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR

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

^(a) Based on peak LA River flow, sampling event on 2/26 - 2/27/2011 is a dry discharge.

OUTFALL 018 (R-2 Spillway)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	02/26/2011-02/27/2011 ^(a)		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-	Comp	ND < 1.63	*
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR
Chronic Toxicity	TUC	1.0/-	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR
cis-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR
Cyclohexane	ug/L	-/-	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR

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

^(a) Based on peak LA River flow, sampling event on 2/26 - 2/27/2011 is a dry discharge.

OUTFALL 018 (R-2 Spillway)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	02/26/2011-02/27/2011 ^(a)		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Hydrazine	ug/L	-/-	ANR	ANR	ANR
Unsymmetrical Dimethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	16/-	Comp	ND < 0.0957	*
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR
Pentachlorophenol	ug/L	16.5/-	Comp	ND < 0.0957	*
Phenanthrene	ug/L	-/-	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR

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

^(a) Based on peak LA River flow, sampling event on 2/26 - 2/27/2011 is a dry discharge.

OUTFALL 018 (R-2 Spillway)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	SAMPLE TYPE	3/20/2011 RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	10.1/-	Comp	ND < 0.500	*
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/-	Comp	2.8	*
Chloride	mg/L	150/-	Comp	9.7	*
Dissolved Oxygen	mg/L	-/-			
E. Coli	MPN/100 ml	-/-			
Fecal Coliform	MPN/100 ml	-/-			
Total Residual Chlorine (Field)	mg/L	0.1/-			
Specific Conductivity (Lab)	umhos/cm	-/-			
Surfactants (MBAS)	mg/L	0.5/-			
Fluoride	mg/L	1.6/-			
Nitrate + Nitrite as Nitrogen (N)	mg/L	8/-			
Nitrate as Nitrogen (N)	mg/L	8/-			
Nitrite-N	mg/L	1/-			
Oil & Grease	mg/L	15/-			
Perchlorate	ug/L	6.0/-			
pH (Field)	pH units	6.5-8.5/-			
Total Settleable Solids	ml/L	0.3/-			
Sulfate	mg/L	300/-			
Temperature	deg. F	86/-			
Total Cyanide	ug/L	8.5/-			
Total Dissolved Solids	mg/L	950/-			
Hardness	mg/L	-/-			
Hardness, dissolved	mg/L	-/-			
Total Organic Carbon	mg/L	-/-			
Total Suspended Solids	mg/L	45/-			
Turbidity	NTU	-/-			
Volume Discharged	MGD	160/-			
METALS					
Antimony	ug/L	6.0/-			
Antimony, dissolved	ug/L	-/-			
Arsenic	ug/L	10/-			
Arsenic, dissolved	ug/L	-/-			
Barium	mg/L	1.0/-			
Barium, dissolved	mg/L	-/-			
Beryllium	ug/L	4.0/-			
Beryllium, dissolved	ug/L	-/-			
Boron	mg/L	-/-			
Boron, dissolved	mg/L	-/-			
Cadmium	ug/L	(4.0) 3.1/-			
Cadmium, dissolved	ug/L	-/-			
Calcium	mg/L	-/-			
Calcium, Dissolved	mg/L	-/-			
Chromium	ug/L	16/-			
Chromium, dissolved	ug/L	-/-			
Chromium VI	ug/L	16/-			

OUTFALL 018 (R-2 Spillway)

FIRST QUARTER 2011 REPORTING SUMMARY THE BOEING COMPANY SANTA SUSANA FIELD LABORATORY NPDES PERMIT CA0001309

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg
Cobalt	ug/L	-/-
Cobalt, dissolved	ug/L	-/-
Copper	ug/L	14/-
Copper, dissolved	ug/L	-/-
Iron	mg/L	0.3/-
Iron, dissolved	mg/L	-/-
Lead	ug/L	5.2/-
Lead, dissolved	ug/L	-/-
Magnesium	mg/L	-/-
Magnesium, Dissolved	mg/L	-/-
Manganese	ug/L	50/-
Manganese, dissolved	ug/L	-/-
Mercury	ug/L	0.10/-
Mercury, dissolved	ug/L	-/-
Nickel	ug/L	96/-
Nickel, dissolved	ug/L	-/-
Selenium	ug/L	(5) 8.2/-
Selenium, dissolved	ug/L	-/-
Silver	ug/L	4.1/-
Silver, dissolved	ug/L	-/-
Thallium	ug/L	2.0/-
Thallium, dissolved	ug/L	-/-
Vanadium	ug/L	-/-
Vanadium, dissolved	ug/L	-/-
Zinc	ug/L	119/-
Zinc, Dissolved	ug/L	-/-

OUTFALL 018 (R-2 Spillway)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg
GRO (C4 - C12)	mg/L	-/-
ADDITIONAL ANALYTES		
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-
1,1,2,2-Tetrachloroethane	ug/L	-/-
1,2,4-Trichlorobenzene	ug/L	-/-
1,2-Dichlorobenzene	ug/L	-/-
1,2-Dichlorobenzene	ug/L	-/-
1,2-Dichloropropane	ug/L	-/-
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-
1,3-Dichlorobenzene	ug/L	-/-
1,3-Dichlorobenzene	ug/L	-/-
1,4-Dichlorobenzene	ug/L	-/-
1,4-Dichlorobenzene	ug/L	-/-
2,4,6-Trichlorophenol	ug/L	13/-
2,4-Dichlorophenol	ug/L	-/-
2,4-Dimethylphenol	ug/L	-/-
2,4-Dinitrophenol	ug/L	-/-
2,4-Dinitrotoluene	ug/L	18/-
2,6-Dinitrotoluene	ug/L	-/-
2-Chloroethylvinylether	ug/L	-/-
2-Chloronaphthalene	ug/L	-/-
2-Chlorophenol	ug/L	-/-
2-Methyl-4,6-dinitrophenol	ug/L	-/-
2-Nitrophenol	ug/L	-/-
3,3'-Dichlorobenzidine	ug/L	-/-
4,4'-DDD	ug/L	-/-
4,4'-DDE	ug/L	-/-
4,4'-DDT	ug/L	-/-
4-Bromophenylphenylether	ug/L	-/-
4-Chloro-3-methylphenol	ug/L	-/-
4-Chlorophenylphenylether	ug/L	-/-
4-Nitrophenol	ug/L	-/-
Acenaphthene	ug/L	-/-
Acenaphthylene	ug/L	-/-
Acrolein	ug/L	-/-
Acrylonitrile	ug/L	-/-
Acute Toxicity	% SURVIVAL	70-100/-

OUTFALL 018 (R-2 Spillway)

FIRST QUARTER 2011 REPORTING SUMMARY

THE BOEING COMPANY

SANTA SUSANA FIELD LABORATORY

NPDES PERMIT CA0001309

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg
Aroclor-1260	ug/L	-/-
Benzdine	ug/L	-/-
Benzo(a)anthracene	ug/L	-/-
Benzo(a)pyrene	ug/L	-/-
Benzo(b)fluoranthene	ug/L	-/-
Benzo(g,h,l)perylene	ug/L	-/-
Benzo(k)fluoranthene	ug/L	-/-
beta-BHC	ug/L	-/-
bis (2-Chloroethyl) ether		

OUTFALL 018 (R-2 Spillway)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/20/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Hydrazine	ug/L	-/-	ANR	ANR	ANR
Unsymmetrical Dimethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	16/-	Comp	ND < 0.0943	*
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR
Pentachlorophenol	ug/L	16.5/-	Comp	ND < 0.0943	*
Phenanthrene	ug/L	-/-	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR

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

^(a) Based on peak LA River flow, sampling event on 2/26 - 2/27/2011 is a dry discharge.

OUTFALL 018 (R-2 Spillway)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

**Sample Type Composite
Sample Date February 17-18, 2011**

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 WHO TEF	BEF Great Lakes Water Quality Initiative	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	7.00E-07	5.70E-05	4.30E-06	J (DNQ)	0.01	0.05	ND
1,2,3,4,6,7,8-HpCDF	6.10E-07	5.70E-05	2.50E-06	J (DNQ)	0.01	0.01	ND
1,2,3,4,7,8,9-HpCDF	7.90E-07	5.70E-05	ND	UJ (*III)	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	7.20E-07	5.70E-05	ND	UJ (*III)	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	2.60E-07	5.70E-05	ND	UJ (*III)	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	6.70E-07	5.70E-05	1.10E-06	J (DNQ)	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	2.40E-07	5.70E-05	ND	UJ (*III)	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	6.10E-07	5.70E-05	ND	UJ (*III)	0.1	0.1	ND
1,2,3,7,8,9-HxCDF	2.90E-07	5.70E-05	ND	UJ (*III)	0.1	0.6	ND
1,2,3,7,8-PeCDD	6.50E-07	5.70E-05	ND	U	1	0.9	ND
1,2,3,7,8-PeCDF	7.70E-07	5.70E-05	ND	U	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	2.30E-07	5.70E-05	ND	UJ (*III)	0.1	0.7	ND
2,3,4,7,8-PeCDF	7.80E-07	5.70E-05	ND	U	0.5	1.6	ND
2,3,7,8-TCDD	7.20E-07	1.10E-05	ND	U	1	1	ND
2,3,7,8-TCDF	9.60E-07	1.10E-05	ND	U	0.1	0.8	ND
OCDD	1.20E-06	1.10E-04	ND	U (B)	0.0001	0.01	ND
OCDF	1.00E-06	1.10E-04	5.00E-06	J (DNQ)	0.0001	0.02	ND
TCDD TEQ w/out DNQ Values							ND

TCDD TEQ PERMIT LIMIT = 2.80E-08

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

OUTFALL 018 (R-2 Spillway)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

**Sample Type Composite
Sample Date February 26-27, 2011**

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 WHO TEF	BEF Great Lakes Water Quality Initiative	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	2.60E-06	5.00E-05	2.00E-05	J (DNQ)	0.01	0.05	ND
1,2,3,4,6,7,8-HpCDF	2.30E-06	5.00E-05	4.20E-06	J (DNQ)	0.01	0.01	ND
1,2,3,4,7,8,9-HpCDF	3.50E-06	5.00E-05	ND	U	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	3.20E-06	5.00E-05	ND	U	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	2.90E-06	5.00E-05	ND	U	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	2.80E-06	5.00E-05	ND	U	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	2.70E-06	5.00E-05	ND	U	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	2.50E-06	5.00E-05	ND	U	0.1	0.1	ND
1,2,3,7,8,9-HxCDF	4.00E-06	5.00E-05	ND	U	0.1	0.6	ND
1,2,3,7,8-PeCDD	7.00E-06	5.00E-05	ND	U	1	0.9	ND
1,2,3,7,8-PeCDF	7.60E-06	5.00E-05	ND	U	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	2.60E-06	5.00E-05	ND	U	0.1	0.7	ND
2,3,4,7,8-PeCDF	7.70E-06	5.00E-05	ND	U	0.5	1.6	ND
2,3,7,8-TCDD	7.00E-06	1.00E-05	ND	U	1	1	ND
2,3,7,8-TCDF	1.30E-06	1.00E-05	ND	U	0.1	0.8	ND
OCDD	1.10E-05	1.00E-04	2.30E-04	--	0.0001	0.01	2.30E-10
OCDF	4.30E-06	1.00E-04	9.80E-06	J (DNQ)	0.0001	0.02	ND

TCDD TEQ w/out DNQ Values	2.30E-10
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TCDD TEQ PERMIT LIMIT = 2.80E-08

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

OUTFALL 018 (R-2 Spillway)

FIRST QUARTER 2011 REPORTING SUMMARY

THE BOEING COMPANY

SANTA SUSANA FIELD LABORATORY

NPDES PERMIT CA0001309

Sample Type Composite

Sample Date March 20, 2011

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	V(ug/L)
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OUTFALL 018 (R-2 Spillway)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	02/17/2011-02/18/2011		
			Sample Type	Result	Concentration Result Validation Qualifier
Max Discharge for event	MGD	160	Meas	0.444195	
Ammonia as Nitrogen (N)	LBS/DAY	13,500/-	Comp	ND	*
Biochemical Oxygen Demand (BOD 5 day)	LBS/DAY	40,032/-	Comp	8.15	*
Chloride	LBS/DAY	200,160/-	Comp	40.75	*
Surfactants (MBAS)	LBS/DAY	667/-	Comp	0.23	J* (DNQ)
Fluoride	LBS/DAY	2,135/-	Comp	0.70	*
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	10,700/-	Comp	1.37	*
Nitrate as Nitrogen (N)	LBS/DAY	10,700/-	Comp	1.37	*
Nitrite-N	LBS/DAY	1,334/-	Comp	ND	*
Oil & Grease	LBS/DAY	20,016/-	Grab	ND	*
Perchlorate	LBS/DAY	8.0/-	Comp	ND	*
Sulfate	LBS/DAY	400,320/-	Comp	237.09	*
Total Cyanide	LBS/DAY	11/-	Comp	ND	*
Total Dissolved Solids	LBS/DAY	1,270,000/-	Comp	815.01	*
Total Suspended Solids	LBS/DAY	60,048/-	Comp	ND	*
Total Residual Chlorine (Field)	LBS/DAY	133/-	Grab	0.0	*
Antimony	LBS/DAY	8.0/-	Comp	0.0012	J* (DNQ)
Arsenic	LBS/DAY	67/-	Comp	ND	U
Barium	LBS/DAY	1,330/-	Comp	0.04	--
Beryllium	LBS/DAY	5.3/-	Comp	ND	U
Cadmium	LBS/DAY	4.1/-	Comp	ND	*
Chromium	LBS/DAY	22/-	Comp	ND	U
Copper	LBS/DAY	19/-	Comp	0.01	J* (DNQ)
Iron	LBS/DAY	400/-	Comp	0.27	--
Lead	LBS/DAY	6.9/-	Comp	ND	*
Manganese	LBS/DAY	66.7/-	Comp	0.18	--
Mercury	LBS/DAY	0.13/-	Comp	ND	U
Nickel	LBS/DAY	128/-	Comp	0.01	J (DNQ)
Selenium	LBS/DAY	11/-	Comp	ND	*
Silver	LBS/DAY	5.5/-	Comp	ND	*
Thallium	LBS/DAY	2.7/-	Comp	ND	*
Zinc	LBS/DAY	159/-	Comp	0.02	J (DNQ)
1,2-Dichloroethane	LBS/DAY	0.67/-	Grab	ND	*
1,1-Dichloroethene	LBS/DAY	8.0/-	Grab	ND	*
Trichloroethene	LBS/DAY	6.7/-	Grab	ND	*
2,4,6-Trichlorophenol	LBS/DAY	17/-	Comp	ND	U
2,4-Dinitrotoluene	LBS/DAY	24/-	Comp	ND	U
alpha-BHC	LBS/DAY	0.04/-	Comp	ND	*
bis (2-ethylhexyl) Phthalate	LBS/DAY	5.3/-	Comp	ND	U
n-Nitrosodimethylamine	LBS/DAY	22/-	Comp	ND	U
Pentachlorophenol	LBS/DAY	22/-	Comp	ND	U
TCDD TEQ_NoDNQ	LBS/DAY	3.70E-08/-	Comp	ND	--

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

^(a) Based on peak LA River flow, sampling event on 2/26 - 2/27/2011 is a dry discharge.

OUTFALL 018 (R-2 Spillway)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	02/26/2011-02/27/2011 ^(a)		
			Sample Type	Result	Concentration Result Validation Qualifier
Max Discharge for event	MGD	160	Meas	0.423225	
Ammonia as Nitrogen (N)	LBS/DAY	13,500/-	Comp	ND	*
Biochemical Oxygen Demand (BOD 5 day)	LBS/DAY	40,032/-	Comp	4.94	J* (DNQ)
Chloride	LBS/DAY	200,160/-	Comp	38.83	*
Surfactants (MBAS)	LBS/DAY	667/-	Comp	0.24	J* (DNQ)
Fluoride	LBS/DAY	2,135/-	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	10,700/-	Comp	0.53	J* (DNQ)
Nitrate as Nitrogen (N)	LBS/DAY	10,700/-	Comp	0.53	*
Nitrite-N	LBS/DAY	1,334/-	Comp	ND	*
Oil & Grease	LBS/DAY	20,016/-	Grab	ND	*
Perchlorate	LBS/DAY	8.0/-	Comp	ND	*
Sulfate	LBS/DAY	400,320/-	Comp	169.43	*
Total Cyanide	LBS/DAY	11/-	Comp	ND	*
Total Dissolved Solids	LBS/DAY	1,270,000/-	Comp	776.53	*
Total Suspended Solids	LBS/DAY	60,048/-	Comp	28.24	J* (DNQ)
Total Residual Chlorine (Field)	LBS/DAY	133/-	ANR	ANR	ANR
Antimony	LBS/DAY	8.0/-	ANR	ANR	ANR
Arsenic	LBS/DAY	67/-	ANR	ANR	ANR
Barium	LBS/DAY	1,330/-	ANR	ANR	ANR
Beryllium	LBS/DAY	5.3/-	ANR	ANR	ANR
Cadmium	LBS/DAY	4.1/-	Comp	ND	*
Chromium	LBS/DAY	22/-	ANR	ANR	ANR
Copper	LBS/DAY	19/-	Comp	0.01	*
Iron	LBS/DAY	400/-	Comp	2.61	--
Lead	LBS/DAY	6.9/-	Comp	0.002	J* (DNQ)
Manganese	LBS/DAY	66.7/-	ANR	ANR	ANR
Mercury	LBS/DAY	0.13/-	Comp	ND	U
Nickel	LBS/DAY	128/-	ANR	ANR	ANR
Selenium	LBS/DAY	11/-	Comp	ND	*
Silver	LBS/DAY	5.5/-	ANR	ANR	ANR
Thallium	LBS/DAY	2.7/-	ANR	ANR	ANR
Zinc	LBS/DAY	159/-	Comp	0.02	J (DNQ, *III)
1,2-Dichloroethane	LBS/DAY	0.67/-	Grab	ND	*
1,1-Dichloroethene	LBS/DAY	8.0/-	Grab	ND	*
Trichloroethene	LBS/DAY	6.7/-	Grab	ND	*
2,4,6-Trichlorophenol	LBS/DAY	17/-	Comp	ND	*
2,4-Dinitrotoluene	LBS/DAY	24/-	Comp	ND	*
alpha-BHC	LBS/DAY	0.04/-	Comp	ND	*
bis (2-ethylhexyl) Phthalate	LBS/DAY	5.3/-	Comp	ND	*
n-Nitrosodimethylamine	LBS/DAY	22/-	Comp	ND	*
Pentachlorophenol	LBS/DAY	22/-	Comp	ND	*
TCDD TEQ_NoDNQ	LBS/DAY	3.70E-08/-	Comp	8.12E-13	--

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

^(a) Based on peak LA River flow, sampling event on 2/26 - 2/27/2011 is a dry discharge.

OUTFALL 018 (R-2 Spillway)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit
		Daily
		Max/Monthly
		Avg
Max Discharge for event	MGD	160
Ammonia as Nitrogen (N)	LBS/DAY	13,500/-

OUTFALL 019 (Treatment System)

FIRST QUARTER 2011 REPORTING SUMMARY THE BOEING COMPANY SANTA SUSANA FIELD LABORATORY NPDES PERMIT CA0001309

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Ava	SAMPLE TYPE	01/06/2011-01/07/2011 ^(a)	
				RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	10.1/1.96	Comp	ND < 0.500	*
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/20	Comp	ND < 0.50	*
Chloride	mg/L	150/-	Comp	51	*
Dissolved Oxygen	mg/L	-/-	ANR	ANR	ANR
Dissolved Oxygen	mg	-/-	Grab	4.50	*
E. Coli	MPN/100 ml	-/-	ANR	ANR	ANR
Fecal Coliform	MPN/100 ml	-/-	ANR	ANR	ANR
Total Residual Chlorine (Field)	mg/L	0.1/-	ANR	ANR	ANR
Specific Conductivity (Lab)	umhos/cm	-/-	Grab	760	--
Surfactants (MBAS)	mg/L	0.5/-	Comp	ND < 0.050	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8/-	Comp	ND < 0.15	*
Nitrate as Nitrogen (N)	mg/L	8/-	Comp	0.069	Ja* (DNQ)
Nitrite-N	mg/L	1/-	Comp	ND < 0.090	*
Oil & Grease	mg/L	15/10	Grab	ND < 1.3	*
Perchlorate	ug/L	6.0/-	Comp	ND < 0.90	U
pH (Field)	pH units	6.5-8.5/-	Grab	6.8	*
Total Settleable Solids	ml/L	0.3/0.1	Grab	ND < 0.10	*
Sulfate	mg/L	300/-	Comp	100	*
Temperature	deg. F	86/-	Grab	50	*
Total Cyanide	ug/L	8.5/4.3	Comp	ND < 2.2	*
Total Dissolved Solids	mg/L	950/-	Comp	410	*
Hardness	mg/L	-/-	Comp	40	--
Hardness, dissolved	mg/L	-/-	Comp	38	--
Total Organic Carbon	mg/L	-/-	Comp	ND < 0.50	*

OUTFALL 019 (Treatment System)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	01/06/2011-01/07/2011 ^(a)		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Chromium VI	ug/L	16/8	ANR	ANR	ANR
Cobalt	ug/L	-/-	ANR	ANR	ANR
Cobalt, dissolved	ug/L	-/-	ANR	ANR	ANR
Copper	ug/L	14/7.1	Comp	2.61	*
Copper, dissolved	ug/L	-/-	Comp	1.12	Ja* (DNQ)
Iron	mg/L	0.3/-	ANR	ANR	ANR
Iron, dissolved	mg/L	-/-	ANR	ANR	ANR
Lead	ug/L	5.2/2.6	Comp	ND < 0.20	*
Lead, dissolved	ug/L	-/-	Comp	ND < 0.20	*
Magnesium	mg/L	-/-	Comp	0.056	--
Magnesium, Dissolved	mg/L	-/-	Comp	0.058	--
Manganese	ug/L	50/-	ANR	ANR	ANR
Manganese, dissolved	ug/L	-/-	ANR	ANR	ANR
Mercury	ug/L	0.10/0.05	Comp	ND < 0.10	U
Mercury, dissolved	ug/L	-/-	Comp	ND < 0.10	U
Nickel	ug/L	96/35	ANR	ANR	ANR
Nickel, dissolved	ug/L	-/-	ANR	ANR	ANR
Selenium	ug/L	(5) 8.2/4.1	Comp	ND < 0.50	*
Selenium, dissolved	ug/L	-/-	Comp	ND < 0.50	*
Silver	ug/L	4.1/2.0	ANR	ANR	ANR
Silver, dissolved	ug/L	-/-	ANR	ANR	ANR
Thallium	ug/L	2.0/-	ANR	ANR	ANR
Thallium, dissolved	ug/L	-/-	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR
Vanadium, dissolved	ug/L	-/-	ANR	ANR	ANR
Zinc	ug/L	119/54	Comp	50.2	--
Zinc, Dissolved	ug/L	-/-	Comp	56.0	--
ORGANICS					
Benzene	ug/L	-/-	Grab	ND < 0.28	*
Carbon Tetrachloride	ug/L	-/-	Grab	ND < 0.28	*
Chloroform	ug/L	-/-	Grab	ND < 0.33	*
1,1-Dichloroethane	ug/L	-/-	Grab	ND < 0.40	*
1,2-Dichloroethane	ug/L	-/-	Grab	ND < 0.28	*
1,1-Dichloroethene	ug/L	6.0/3.2	Grab	ND < 0.42	*
1,4-Dioxane	ug/L	-/-	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	Grab	ND < 0.25	*
Tetrachloroethene	ug/L	-/-	Grab	ND < 0.32	*
Toluene	ug/L	-/-	Grab	ND < 0.36	*
Xylenes (Total)	ug/L	-/-	Grab	ND < 0.90	*
1,1,1-Trichloroethane	ug/L	-/-	Grab	ND < 0.30	*
1,1,2-Trichloroethane	ug/L	-/-	Grab	ND < 0.30	*
Trichloroethene	ug/L	5.0/-	Grab	ND < 0.26	*
Trichlorofluoromethane	ug/L	-/-	Grab	ND < 0.34	*
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	Grab	ND < 0.50	*
Vinyl Chloride	ug/L	-/-	Grab	ND < 0.40	*
TPH					

OUTFALL 019 (Treatment System)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	01/06/2011-01/07/2011 ^(a)		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
DRO (C13 - C28)	mg/L	-/-	ANR	ANR	ANR
GRO (C4 - C12)	mg/L	-/-	ANR	ANR	ANR
ADDITIONAL ANALYTES					
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	13/6.5	Comp	ND < 0.0943	*
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	18/9.1	Comp	ND < 0.189	*
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR
Acenaphthylene	ug/L	-/-	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	Comp	95	*
Aldrin	ug/L	-/-	ANR	ANR	ANR

OUTFALL 019 (Treatment System)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY**

OUTFALL 019 (Treatment System)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	01/06/2011-01/07/2011 ^(a)		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR
Hydrazine	ug/L	-/-	ANR	ANR	ANR
Unsymmetrical Dimethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	16/8.1	Comp	ND < 0.0943	L* (L)
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR
Pentachlorophenol	ug/L	16.5/8.2	Comp	ND < 0.0943	*
Phenanthrene	ug/L	-/-	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR

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

^(a) Based on peak LA River flow, sampling event on 1/6 - 1/7/11 is a dry discharge.

OUTFALL 019 (Treatment System)

FIRST QUARTER 2011 REPORTING SUMMARY THE BOEING COMPANY SANTA SUSANA FIELD LABORATORY NPDES PERMIT CA0001309

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	02/24/2011-02/25/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	10.1/1.96	Comp	ND < 0.500	*
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/20	Comp	1.1	Ja* (DNQ)
Chloride	mg/L	150/-	Comp	110	*
Dissolved Oxygen	mg/L	-/-	Grab	10.97	*
Dissolved Oxygen	mg	-/-	ANR	ANR	ANR
E. Coli	MPN/100 ml	-/-	Grab	ND < 2.00	*
Fecal Coliform	MPN/100 ml	-/-	Grab	ND < 2.00	*
Total Residual Chlorine (Field)	mg/L	0.1/-	Grab	0.0	*
Specific Conductivity (Lab)	umhos/cm	-/-	ANR	ANR	ANR
Surfactants (MBAS)	mg/L	0.5/-	Comp	0.058	Ja* (DNQ)
Fluoride	mg/L	1.6/-	Comp	0.35	*
Nitrate + Nitrite as Nitrogen (N)	mg/L	8/-	Comp	ND < 0.15	*
Nitrate as Nitrogen (N)	mg/L	8/-	Comp	0.095	Ja* (DNQ)
Nitrite-N	mg/L	1/-	Comp	ND < 0.090	*
Oil & Grease	mg/L	15/10	Grab	ND < 1.3	*
Perchlorate	ug/L	6.0/-	Comp	ND < 0.90	U
pH (Field)	pH units	6.5-8.5/-	Grab	7.5	*
Total Settleable Solids	ml/L	0.3/0.1	Grab	ND < 0.10	*
Sulfate	mg/L	300/-	Comp	97	*
Temperature	deg. F	86/-	Grab	51	*
Total Cyanide	ug/L	8.5/4.3	Comp	ND < 2.2	*
Total Dissolved Solids	mg/L	950/-	Comp	500	*
Hardness	mg/L	-/-	ANR	ANR	ANR
Hardness, dissolved	mg/L	-/-	Comp	120	*
Total Organic Carbon	mg/L	-/-	Comp	4.3	--
Total Suspended Solids	mg/L	45/15	Comp	1.0	Ja* (DNQ)
Turbidity	NTU	-/-	Comp	0.90	J (DNQ)
Volume Discharged	MGD	160/-	Meas	0.000369	*
METALS					
Antimony	ug/L	6.0/-	Comp	ND < 0.30	*
Antimony, dissolved	ug/L	-/-	Comp	0.75	Ja* (DNQ)
Arsenic	ug/L	10/-	Comp	ND < 7.0	U
Arsenic, dissolved	ug/L	-/-	Comp	ND < 7.0	U
Barium	mg/L	1.0/-	Comp	0.0081	J (DNQ)
Barium, dissolved	mg/L	-/-	Comp	0.0088	J (DNQ)
Beryllium	ug/L	4.0/-	Comp	ND < 0.90	U
Beryllium, dissolved	ug/L	-/-	Comp	ND < 0.90	U
Boron	mg/L	-/-	Comp	0.064	--
Boron, dissolved	mg/L	-/-	Comp	0.066	--
Cadmium	ug/L	(4.0) 3.1/2.0	Comp	ND < 0.10	*
Cadmium, dissolved	ug/L	-/-	Comp	ND < 0.10	*
Calcium	mg/L	-/-	ANR	ANR	ANR
Calcium, Dissolved	mg/L	-/-	Comp	50	--
Chromium	ug/L	16/8	Comp	ND < 2.0	U
Chromium, dissolved	ug/L	-/-	Comp	ND < 2.0	U

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

^(a) Based on peak LA River flow, sampling event on 1/6 - 1/7/11 is a dry discharge.

OUTFALL 019 (Treatment System)

FIRST QUARTER 2011 REPORTING SUMMARY THE BOEING COMPANY SANTA SUSANA FIELD LABORATORY NPDES PERMIT CA0001309

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	02/24/2011-02/25/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Chromium VI	ug/L	16/8	Comp	ND < 0.250	*
Cobalt	ug/L	-/-	Comp	ND < 2.0	U
Cobalt, dissolved	ug/L	-/-	Comp	ND < 2.0	U
Copper	ug/L	14/7.1	Comp	2.02	*
Copper, dissolved	ug/L	-/-	Comp	1.25	Ja* (DNQ)
Iron	mg/L	0.3/-	Comp	0.075	--
Iron, dissolved	mg/L	-/-	Comp	0.064	--
Lead	ug/L	5.2/2.6	Comp	0.24	Ja* (DNQ)
Lead, dissolved	ug/L	-/-	Comp	ND < 0.20	*
Magnesium	mg/L	-/-	ANR	ANR	ANR
Magnesium, Dissolved	mg/L	-/-	Comp	0.10	--
Manganese	ug/L	50/-	Comp	ND < 7.0	U
Manganese, dissolved	ug/L	-/-	Comp	ND < 7.0	U
Mercury	ug/L	0.10/0.05	Comp	ND < 0.10	U
Mercury, dissolved	ug/L	-/-	Comp	ND < 0.10	U
Nickel	ug/L	96/35	Comp	2.9	J (DNQ)
Nickel, dissolved	ug/L	-/-	Comp	2.4	J (DNQ)
Selenium	ug/L	(5) 8.2/4.1	Comp	0.65	Ja* (DNQ)
Selenium, dissolved	ug/L	-/-	Comp	ND < 0.50	*
Silver	ug/L	4.1/2.0	Comp	ND < 0.10	*
Silver, dissolved	ug/L	-/-	Comp	ND < 0.10	*
Thallium	ug/L	2.0/-	Comp	ND < 0.20	*
Thallium, dissolved	ug/L	-/-	Comp	ND < 0.20	*
Vanadium	ug/L	-/-	Comp	ND < 3.0	U
Vanadium, dissolved	ug/L	-/-	Comp	ND < 3.0	U
Zinc	ug/L	119/54	Comp	42.5	--
Zinc, Dissolved	ug/L	-/-	Comp	ND < 42.0	U (B)
ORGANICS					
Benzene	ug/L	-/-	Grab	ND < 0.28	*
Carbon Tetrachloride	ug/L	-/-	Grab	ND < 0.28	*
Chloroform	ug/L	-/-	Grab	ND < 0.33	*
1,1-Dichloroethane	ug/L	-/-	Grab	ND < 0.40	*
1,2-Dichloroethane	ug/L	-/-	Grab	ND < 0.28	*
1,1-Dichloroethene	ug/L	6.0/3.2	Grab	ND < 0.42	*
1,4-Dioxane	ug/L	-/-	Comp	ND < 1.0	*
Ethylbenzene	ug/L	-/-	Grab	ND < 0.25	*
Tetrachloroethene	ug/L	-/-	Grab	ND < 0.32	*
Toluene	ug/L	-/-	Grab	ND < 0.36	*
Xylenes (Total)	ug/L	-/-	Grab	ND < 0.90	*
1,1,1-Trichloroethane	ug/L	-/-	Grab	ND < 0.30	*
1,1,2-Trichloroethane	ug/L	-/-	Grab	ND < 0.30	C*
Trichloroethene	ug/L	5.0/-	Grab	ND < 0.26	*
Trichlorofluoromethane	ug/L	-/-	Grab	ND < 0.34	*
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	Grab	ND < 0.50	*
Vinyl Chloride	ug/L	-/-	Grab	ND < 0.40	*
TPH					

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

^(a) Based on peak LA River flow, sampling event on 1/6 - 1/7/11 is a dry discharge.

OUTFALL 019 (Treatment System)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	02/24/2011-02/25/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
DRO (C13 - C28)	mg/L	-/-	Grab	ND < 0.094	*
GRO (C4 - C12)	mg/L	-/-	Grab	ND < 0.025	*
ADDITIONAL ANALYTES					
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	Grab	ND < 1.1	*
1,1,2,2-Tetrachloroethane	ug/L	-/-	Grab	ND < 0.30	*
1,2,4-Trichlorobenzene	ug/L	-/-	Comp	ND < 0.0943	U
1,2-Dichlorobenzene	ug/L	-/-	Grab	ND < 0.32	*
1,2-Dichlorobenzene	ug/L	-/-	Comp	ND < 0.0943	U
1,2-Dichloropropane	ug/L	-/-	Grab	ND < 0.35	*
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	Comp	ND < 0.0943	UJ (C)
1,3-Dichlorobenzene	ug/L	-/-	Grab	ND < 0.35	*
1,3-Dichlorobenzene	ug/L	-/-	Comp	ND < 0.0943	U
1,4-Dichlorobenzene	ug/L	-/-	Grab	ND < 0.37	*
1,4-Dichlorobenzene	ug/L	-/-	Comp	ND < 0.189	U
2,4,6-Trichlorophenol	ug/L	13/6.5	Comp	ND < 0.0943	U
2,4-Dichlorophenol	ug/L	-/-	Comp	ND < 0.189	U
2,4-Dimethylphenol	ug/L	-/-	Comp	ND < 0.283	U
2,4-Dinitrophenol	ug/L	-/-	Comp	ND < 0.849	U
2,4-Dinitrotoluene	ug/L	18/9.1	Comp	ND < 0.189	U
2,6-Dinitrotoluene	ug/L	-/-	Comp	ND < 0.0943	U
2-Chloroethylvinylether	ug/L	-/-	Grab	ND < 1.8	*
2-Chloronaphthalene	ug/L	-/-	Comp	ND < 0.0943	U
2-Chlorophenol	ug/L	-/-	Comp	ND < 0.189	U
2-Methyl-4,6-dinitrophenol	ug/L	-/-	Comp	ND < 0.189	U
2-Nitrophenol	ug/L	-/-	Comp	ND < 0.0943	U
3,3'-Dichlorobenzidine	ug/L	-/-	Comp	ND < 4.72	U
4,4'-DDD	ug/L	-/-	Comp	ND < 0.0038	*
4,4'-DDE	ug/L	-/-	Comp	ND < 0.0028	*
4,4'-DDT	ug/L	-/-	Comp	ND < 0.0038	*
4-Bromophenylphenylether	ug/L	-/-	Comp	ND < 0.0943	U
4-Chloro-3-methylphenol	ug/L	-/-	Comp	ND < 0.189	U
4-Chlorophenylphenylether	ug/L	-/-	Comp	ND < 0.0943	U
4-Nitrophenol	ug/L	-/-	Comp	ND < 2.36	U
Acenaphthene	ug/L	-/-	Comp	ND < 0.0943	U
Acenaphthylene	ug/L	-/-	Comp	ND < 0.0943	U
Acrolein	ug/L	-/-	Grab	ND < 4.0	*
Acrylonitrile	ug/L	-/-	Grab	ND < 1.2	*
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	ANR
Aldrin	ug/L	-/-	Comp	ND < 0.0014	*
alpha-BHC	ug/L	0.03/0.01	Comp	ND < 0.0024	*
Anthracene	ug/L	-/-	Comp	ND < 0.0943	U
Aroclor-1016	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1221	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1232	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1242	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1248	ug/L	-/-	Comp	ND < 0.24	*

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

^(a) Based on peak LA River flow, sampling event on 1/6 - 1/7/11 is a dry discharge.

OUTFALL 019 (Treatment System)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg
Aroclor-1254	ug/L	-/-
Aroclor-1260	ug/L	-/-
Benzidine	ug/L	-/-
Benzo(a)anthracene	ug/L	-/-
Benzo(a)pyrene	ug/L	-/-
Benzo(b)fluoranthene	ug/L	-/-
Benzo(g,h,i)perylene	ug/L	-/-
Benzo(k)fluoranthene	ug/L	-/-
beta-BHC	ug/L	-/-
bis (2-Chloroethyl) ether	ug/L	-/-
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-
bis(2-Chloroethoxy) methane	ug/L	-/-
bis(2-Chloroisopropyl) ether	ug/L	-/-
Bromodichloromethane	ug/L	-/-
Bromoform	ug/L	-/-

OUTFALL 019 (Treatment System)

FIRST QUARTER 2011 REPORTING SUMMARY

Outfall 019 (Treatment System)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

**Sample Type Composite
Sample Date January 6-7, 2011**

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	BEF Great Lakes Water Quality Initiative		TCDD Equivalent (w/out DNQ Values) (ug/L)
					1998 WHO TEF		
1,2,3,4,6,7,8-HpCDD	1.70E-06	5.00E-05	ND	U (B)	0.01	0.05	ND
1,2,3,4,6,7,8-HpCDF	1.30E-06	5.00E-05	ND	U	0.01	0.01	ND
1,2,3,4,7,8,9-HpCDF	2.20E-06	5.00E-05	ND	U	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	1.40E-06	5.00E-05	ND	U	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	1.20E-06	5.00E-05	ND	U	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	1.30E-06	5.00E-05	ND	U	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	1.10E-06	5.00E-05	ND	U	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	1.20E-06	5.00E-05	ND	U	0.1	0.1	ND
1,2,3,7,8,9-HxCDF	1.40E-06	5.00E-05	ND	U	0.1	0.6	ND
1,2,3,7,8-PeCDD	1.90E-06	5.00E-05	ND	U	1	0.9	ND
1,2,3,7,8-PeCDF	1.90E-06	5.00E-05	ND	U	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	1.00E-06	5.00E-05	ND	U	0.1	0.7	ND
2,3,4,7,8-PeCDF	2.00E-06	5.00E-05	ND	U	0.5	1.6	ND
2,3,7,8-TCDD	1.00E-06	1.00E-05	ND	U	1	1	ND
2,3,7,8-TCDF	2.40E-06	1.00E-05	ND	U	0.1	0.8	ND
OCDD	3.20E-06	1.00E-04	ND	U (B)	0.0001	0.01	ND
OCDF	1.50E-06	1.00E-04	ND	U (B)	0.0001	0.02	ND
TCDD TEQ w/out DNQ Values							ND

TCDD TEQ PERMIT LIMIT = 2.80E-08

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

Outfall 019 (Treatment System)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

Sample Type Composite

OUTFALL 019 (Treatment System)

FIRST QUARTER 2011 REPORTING SUMMARY

OUTFALL 019 (Treatment System)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	Sample Type	02/24/2011-02/25/2011	
				Result	Concentration Result Validation Qualifier
Max Discharge for event	MGD	160	Meas	0.000328817	
Ammonia as Nitrogen (N)	LBS/DAY	13,500/2615	Comp	ND	*
Biochemical Oxygen Demand (BOD 5 day)	LBS/DAY	40,032/26,700	Comp	0.003	Ja* (DNQ)
Chloride	LBS/DAY	200,160/-	Comp	0.30	*
Surfactants (MBAS)	LBS/DAY	667/-	Comp	0.0002	Ja* (DNQ)
Fluoride	LBS/DAY	2,135/-	Comp	0.001	*
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	10,700/-	Comp	ND	*
Nitrate as Nitrogen (N)	LBS/DAY	10,700/-	Comp	0.0003	Ja* (DNQ)
Nitrite-N	LBS/DAY	1,334/-	Comp	ND	*
Oil & Grease	LBS/DAY	20,016/13,344	Grab	ND	*
Perchlorate	LBS/DAY	8.0/-	Comp	ND	U
Sulfate	LBS/DAY	400,320/-			
Total Cyanide	LBS/DAY	11/5.7			
Total Dissolved Solids	LBS/DAY	1,270,000/-			
Total Suspended Solids	LBS/DAY	60,048/20,016			
Antimony	LBS/DAY	8.0/-			
Arsenic	LBS/DAY	67/-			
Barium	LBS/DAY	1,330/-			
Beryllium	LBS/DAY	5.3/-			
Cadmium	LBS/DAY	(5.3) 4.1/2.7			
Chromium	LBS/DAY	22/11			
Copper	LBS/DAY	19/10			
Iron	LBS/DAY	400/-			
Lead	LBS/DAY	6.9/3.5			
Manganese	LBS/DAY	66.7/-			
Mercury	LBS/DAY	0.13/0.07			
Nickel	LBS/DAY	128/47			
Selenium	LBS/DAY	(6.7) 11/5.5			
Silver	LBS/DAY	5.5/2.7			
Thallium	LBS/DAY	2.7/-			
Zinc	LBS/DAY	159/72			
1,1-Dichloroethene	LBS/DAY	8.0/4.3			
Trichloroethene	LBS/DAY	6.7/-			
2,4,6-Trichlorophenol	LBS/DAY	17/8.7			
2,4-Dinitrotoluene	LBS/DAY	24/12			
alpha-BHC	LBS/DAY	0.04/0.013			
bis (2-ethylhexyl) Phthalate	LBS/DAY	5.3/-			
n-Nitrosodimethylamine	LBS/DAY	22/11			
Pentachlorophenol	LBS/DAY	22/11			
Total Residual Chlorine (Field)	LBS/DAY	133/-			
TCDD TEQ_NoDNQ	LBS/DAY	3.70E-08/1.9E-08			

ARROYO SIMI (Frontier Park Receiving Water)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/24/2011			3/9/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Water Velocity	ft/sec	-/-	Meas	0.02	*	ANR	ANR	ANR
Dissolved Oxygen	mg/L	5.0 Min/-	Grab	10.97	*	ANR	ANR	ANR
E. Coli	MPN/100 ml	235/-	Grab	300	--	Grab	220	--
Fecal Coliform	MPN/100 ml	400/-	Grab	300	--	Grab	220	--
pH (Field)	pH Units	6.5-8.5/-	Grab	7.5	*	ANR	ANR	ANR
Temperature	F	-/-	Grab	51	*	ANR	ANR	ANR
Hardness	mg/L	-/-	Grab	950	--	ANR	ANR	ANR
Total Suspended Solids	mg/L	-/-	Grab	10	--	ANR	ANR	ANR
Magnesium	mg/L	-/-	Grab	76	--	ANR	ANR	ANR
4,4'-DDD	ug/L	0.0014/-	Grab	ND < 0.0043	*	ANR	ANR	ANR
4,4'-DDE	ug/L	0.001/-	Grab	ND < 0.0032	*	ANR	ANR	ANR
4,4'-DDT	ug/L	0.001/-	Grab	ND < 0.0043	*	ANR	ANR	ANR
Aroclor-1016	ug/L	0.0003/-	Grab	ND < 0.27	*	ANR	ANR	ANR
Aroclor-1221	ug/L	0.0003/-	Grab	ND < 0.27	*	ANR	ANR	ANR
Aroclor-1232	ug/L	0.0003/-	Grab	ND < 0.27	*	ANR	ANR	ANR
Aroclor-1242	ug/L	0.0003/-	Grab	ND < 0.27	*	ANR	ANR	ANR
Aroclor-1248	ug/L	0.0003/-	Grab	ND < 0.27	*	ANR	ANR	ANR
Aroclor-1254	ug/L	0.0003/-	Grab	ND < 0.27	*	ANR	ANR	ANR
Aroclor-1260	ug/L	0.0003/-	Grab	ND < 0.27	*	ANR	ANR	ANR
Chlordane	ug/L	0.001/-	Grab	ND < 0.085	*	ANR	ANR	ANR
Chlorpyrifos	ug/L	0.02/-	Grab	ND < 0.010	U	ANR	ANR	ANR
Diazinon	ug/L	0.16/-	Grab	ND < 0.10	U	ANR	ANR	ANR
Dieldrin	ug/L	0.0002/-	Grab	ND < 0.0021	*	ANR	ANR	ANR
Toxaphene	ug/L	0.0003/-	Grab	ND < 0.27	*	ANR	ANR	ANR

ARROYO SIMI (Frontier Park Receiving Water)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ARROYO SIMI (Frontier Park Receiving Water)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through March 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/24/2011			3/29/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Water Velocity	ft/sec	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Dissolved Oxygen	mg/L	5.0 Min/-	ANR	ANR	ANR	ANR	ANR	ANR
E. Coli	MPN/100 ml	235/-	Grab	>=1600	--	Grab	70.0	--
Fecal Coliform	MPN/100 ml	400/-	Grab	>=1600	--	Grab	140	--
pH (Field)	pH Units	6.5-8.5/-	ANR	ANR	ANR	ANR	ANR	ANR
Temperature	F	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Hardness	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Total Suspended Solids	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Magnesium	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	0.0014/-	ANR	ANR	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	0.001/-	ANR	ANR	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	0.001/-	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	0.0003/-	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	0.0003/-	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	0.0003/-	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	0.0003/-	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor-1248	ug/L	0.0003/-	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	0.0003/-	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	0.0003/-	ANR	ANR	ANR	ANR	ANR	ANR
Chlordane	ug/L	0.001/-	ANR	ANR	ANR	ANR	ANR	ANR
Chlorpyrifos	ug/L	0.02/-	ANR	ANR	ANR	ANR	ANR	ANR
Diazinon	ug/L	0.16/-	ANR	ANR	ANR	ANR	ANR	ANR
Dieldrin	ug/L	0.0002/-	ANR	ANR	ANR	ANR	ANR	ANR
Toxaphene	ug/L	0.0003/-	ANR	ANR	ANR	ANR	ANR	ANR

Arroyo Simi (Frontier Park Receiving Water)

**FIRST QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY**

