

APPENDIX C

THIRD QUARTER 2007 SUMMARY TABLES, DISCHARGE  
MONITORING DATA, OUTFALLS 002, 004, 006, 009 AND 010

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

**Notes:**

1. TCDD TEQs for the purpose of determining permit compliance are the sum of the products of the detected dioxin congener concentration multiplied by that congener's 1998 World Health Organization's (WHO) toxic equivalency factor (TEF). The resulting compliance TCDD TEQ does not include those congener concentrations that are reported as DNQ, as specified on Page 46 of the NPDES permit.
2. For some sample dates, pH was determined with a field instrument to obtain a more representative result and was noted as such. These results were not validated.
3. The NPDES permit limits for mercury of 0.10 g/L (Outfalls 001, 002, 011, and 018) and 0.13 g/L (Outfalls 3-10) are not achievable by the laboratory; therefore, the laboratory reporting limit of 0.20 g/L was used to determine compliance.
4. The following assumptions and rationale were used to report the DMR Quantity or Loading results:

Loading (lbs/day) = Measured Sample Concentration (mg/L) x 8.34 x Outfall flow (MGD)  
Monthly Average Loading (lbs/day) = Sum of Event Mass Discharges within a Month /  
Number of Days of Flow for all Sample Events

Where:

Event Mass Discharge = Measured Sample Concentration for Event (mg/L) x  
8.34 x Total Flow for Sample Event (MGD)

In Compliance with the Permit (Page 44, Section D), for Monthly Average Discharge Values:

For calculating the monthly average, one-half of the MDL was used for concentration results reported as ND.

For calculating the monthly average, the estimated value was used for concentration results reported as DNQ.

If all pollutants belonging to the same group are reported as ND or DNQ, the sum of the individual pollutant concentrations were considered zero for calculation of the monthly average.

5. Data presented in the report tables are reported as quantified to the MDL (ND < MDL) and includes estimated detections (DNQ values) to provide low-level information and to give an indication of the sensitivity of the methods used. The laboratory-derived MDLs are designed to be reliable however, the data generation and validation procedures are designed to establish defensibility of quantified data to the RL. Data presented in the tables are accurate and reliable as qualified, but the final laboratory data reports and data validation reports must be used to determine legal defensibility. This does not affect compliance determination, since values below the RL are not used for compliance purposes.

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

**Symbols and Abbreviations:**

The following symbols and abbreviations may occur on report tables:

---

-92.9 +/-200	A negative radiochemical analytical result indicates the count rate of the sample was less than the background condition
\$	reported result or other information was incorrectly reported by the laboratory; result was corrected by the data validator
--	based on validation of the data, a qualifier was not required
-/-	no permit limit established for daily maximum or monthly average
<(value)	analyte not detected at a concentration greater than or equal to the DL, MDL, or RL (see laboratory report for specific detail)
*	result not validated
*1	improper preservation of sample
*2	the ICP/MS ppb check standard was recovered above the control limit; therefore, the constituent detected was qualified as estimated (J)
*3	initial and or continuing calibration recoveries were outside acceptable control limits

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

H	holding time was exceeded
I	ICP interference check solution results were unsatisfactory
J	estimated value
K	The sample dilution's set-up did not meet the oxygen depletion criteria of at least 2 mg/l. Therefore, the reported result is an estimated value only.
L2	the laboratory control sample %R was below the method control limits
lbs/day	pounds per day
L	laboratory control sample %R was outside control limits
LOD	limit of detection
M1	matrix spike (MS) and/or MS duplicate were above the acceptance limits due to sample matrix interference
M2	the MS and/or MS duplicate were below the acceptance limits due to sample matrix interference
M-3	Results exceeded the linear range in the MS and/or MS duplicate and therefore are not available for reporting. The batch was accepted based on acceptable recovery in the Blank Spike (LCS).
MDA	minimum detectable activity
MDL	method detection limit
MGD	million gallons per day
mg/L	milligrams per liter
ml/L	milliliters per liter
NA	not applicable; no permit limit established for the constituent and/or outfall
ND	analyte value less than the LOD or MDL
NM	not measured or determined
NTU	nephelometric turbidity unit
pCi/L	picocuries per liter
pg/L	picograms per liter
Q	matrix spike recovery outside of control limits
R	(as a validation qualifier): results are rejected; the presence or absence of analyte cannot be verified
R	(as a reason code in parentheses): %R for calibration not within control limits
RL	laboratory reporting limit
RL-1	reporting limit raised due to sample matrix effects
%RSD	percent relative standard deviation

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

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

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

**July 1 through September 30, 2007**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	9/22/2007	
			RESULT	VALIDATION QUALIFIER
Copper	ug/L	14.0/7.1	100	--
Copper, dissolved	ug/L	-/-	7.9	--
Iron	mg/L	0.3/-	97	--
Iron, dissolved	mg/L	-/-	0.62	--
Lead	ug/L	5.2/2.6	310	--
Lead, dissolved	ug/L	-/-	1.9	J (DNQ)
Magnesium	mg/L	-/-	54	--
Magnesium, Dissolved	mg/L	-/-	7.6	--
Manganese	ug/L	50/-	11000	--
Manganese, dissolved	ug/L	-/-		

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

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

**July 1 through September 30, 2007**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	9/22/2007	
			RESULT	VALIDATION QUALIFIER
GRO (C4 - C12)	mg/L	-/-	ND < 0.025	U
TRPH	mg/L	-/-	ND < 0.60	U
<b>ADDITIONAL ANALYTES</b>				
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ND < 2.5	UJ (*III)
2,4,5-Trichlorophenol	ug/L	-/-	ND < 0.19	U
1,1,2,2-Tetrachloroethane	ug/L	-/-	ND < 0.24	U
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ND < 0.32	U
1,2-Dichloropropane	ug/L	-/-	ND < 0.35	U
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ND < 0.35	U
1,4-Dichlorobenzene	ug/L	-/-	ND < 0.37	U
2,4,6-Trichlorophenol	ug/L	13.0/6.5	ND < 0.094	U
2,4-Dichlorophenol	ug/L	-/-	ND < 0.19	U
2,4-Dimethylphenol	ug/L	-/-	0.32	J (DNQ)
2,4-Dinitrophenol	ug/L	-/-	ND < 0.85	U
2,4-Dinitrotoluene	ug/L	18.3/9.1	ND < 0.19	U
2,6-Dinitrotoluene	ug/L	-/-	ND < 0.094	U
2-Chloroethylvinylether	ug/L	-/-	ND < 1.8	U
2-Chloronaphthalene	ug/L	-/-	ND < 0.094	U
2-Chlorophenol	ug/L	-/-	ND < 0.19	U
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ND < 0.19	U
2-Nitrophenol	ug/L	-/-	ND < 0.094	U
3,3'-Dichlorobenzidine	ug/L	-/-	ND < 0.38	U
4,4'-DDD	ug/L	-/-	ND < 0.028	UJ (S)
4,4'-DDE	ug/L	-/-	ND < 0.028	UJ (S)
4,4'-DDT	ug/L	-/-	ND < 0.028	UJ (S)
4-Bromophenylphenylether	ug/L	-/-	ND < 0.094	U
4-Chloro-3-methylphenol	ug/L	-/-	ND < 0.19	U
4-Chloroaniline	ug/L	-/-	ND < 0.094	U
4-Chlorophenylphenylether	ug/L	-/-	ND < 0.094	U
4-Nitrophenol	ug/L	-/-	ND < 2.4	U
Acenaphthene	ug/L	-/-	ND < 0.094	U
Acenaphthylene	ug/L	-/-	ND < 0.094	U
Acrolein	ug/L	-/-	ND < 4.0	U
Acrylonitrile	ug/L	-/-	ND < 0.70	U
Acute Toxicity	% SURVIVAL	Acrylonitrile 0.094	ug/L	

Acrylonitrile

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



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

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

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

**Sample Date September 22, 2007**

<b>ANALYTE</b>	<b>LAB LOD (ug/L)</b>	<b>LAB RL (ug/L)</b>	<b>LAB RESULT (ug/L)</b>	<b>VALIDATION QUALIFIER</b>	<b>1998 WHO TEF</b>	<b>TCDD Equivalent (w/DNQ Values) (ug/L)</b>	<b>TCDD Equivalent (w/out DNQ Values) (ug/L)</b>
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	5.97E-04	--	0.01	<b>5.97E-06</b>	<b>5.97E-06</b>
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.50E-05	1.37E-04	--	0.01	<b>1.37E-06</b>	<b>1.37E-06</b>
1,2,3,4,7,8,9-HpCDF	0.00E+00	2.50E-05	1.10E-05	J (DNQ)	0.01		

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

**THIRD QUARTER 2007 MASS-BASED REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**July 1 through September 30, 2007**

<b>ANALYTE</b>	<b>UNITS</b>	<b>Mass-Based Permit Limit Daily Max/Monthly Avg</b>	<b>Result</b>	<b>9/22/2007 CONCENTRATION RESULT VALIDATION QUALIFIER</b>
----------------	--------------	--	---------------	--

## OUTFALL 004 (SRE)

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

July 1 through September 30, 2007

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	7/5/2007		9/22/2007	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	58	*	53	*
Calcium	mg/L	-/-	27	*	ANR	ANR
Calcium, Dissolved	mg/L	-/-	29	*	ANR	ANR
Fluoride	mg/L	1.6/-	0.36	J* (DNQ)	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	0.76	*	3.2	*
Oil & Grease	mg/L	15/-	ND < 1.1	*	ND < 1.1	*
Perchlorate	ug/L	6.0/-	ND < 0.65	*	ND < 1.5	U
pH (Field)	pH units	6.5-8.5/-	7.3	*	8.4	*
Sulfate	mg/L	250/-	62	*	37	*
Temperature	deg. F	86/-	82	*	61	*
Total Cyanide	ug/L	-/-	ND < 2.2	*	ANR	ANR
Total Dissolved Solids	mg/L	850/-	310	*	360	*
Hardness	mg/L	-/-	120	*	ANR	ANR
Hardness, dissolved	mg/L	-/-	120	*	ANR	ANR
Total Suspended Solids	mg/L	-/-	ND < 10	*	170	--
Volume Discharged	MGD	17.8/-	0.16	ANR	ANR	ANR
<b>METALS</b>						
Aluminum	ug/L	-/-	ND < 40	*	ANR	ANR
Aluminum, dissolved	ug/L	-/-	ND < 40	*	ANR	ANR
Antimony	ug/L	6.0/-	ND < 0.20	*	0.85	J* (DNQ)
Antimony, dissolved	ug/L	-/-	0.49	J* (DNQ)	0.93	J* (DNQ)
Arsenic	ug/L	-/-	ND < 7.0	*	ANR	ANR
Arsenic, dissolved	ug/L	-/-	ND < 7.0	*	ANR	ANR
Beryllium	ug/L	-/-	ND < 0.90	*	ANR	ANR
Beryllium, dissolved	ug/L	-/-	ND < 0.90	*	ANR	ANR
Boron	mg/L	-/-	0.18	*	ANR	ANR
Boron, dissolved	mg/L	-/-	0.19	*	ANR	ANR
Cadmium	ug/L	4.0/-	ND < 0.11	*	0.15	J* (DNQ)
Cadmium, dissolved	ug/L	-/-	ND < 0.11	*	ND < 0.11	*
Chromium	ug/L	-/-	5.9	*	ANR	ANR
Chromium, dissolved	ug/L	-/-	ND < 2.0	*	ANR	ANR
Copper	ug/L	14.0/-	1.2	J* (DNQ)	10	*
Copper, dissolved	ug/L	-/-	0.92	J* (DNQ)	3.8	*
Iron	mg/L	-/-	0.041	*	ANR	ANR
Iron, dissolved	mg/L	-/-	ND < 0.015	*	ANR	ANR
Lead	ug/L	5.2/-	0.23	J* (DNQ)	4.4	*
Lead, dissolved	ug/L	-/-	ND < 0.10	*	0.25	J* (DNQ)
Magnesium	mg/L	-/-	9.8	*	ANR	ANR
Magnesium, Dissolved	mg/L	-/-	11	*	ANR	ANR
Mercury	ug/L	0.13/-	ND < 0.050	U	0.23	--
Mercury, dissolved	ug/L					

**OUTFALL 004 (SRE)**

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

**July 1 through September 30, 2007**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	7/5/2007		9/22/2007	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Nickel, dissolved	ug/L	-/-	ND < 2.0	*	ANR	ANR
Selenium	ug/L	-/-	8.1	J* (DNQ)	ANR	ANR
Selenium, dissolved	ug/L	-/-	ND < 8.0	*	ANR	ANR
Silver	ug/L	-/-	ND < 6.0	*	ANR	ANR
Silver, dissolved	ug/L	-/-	ND < 6.0	*	ANR	ANR
Thallium	ug/L	2.0/-	ND < 0.15	*	ND < 0.15	*
Thallium, dissolved	ug/L	-/-	ND < 0.15	*	ND < 0.15	*
Vanadium	ug/L	-/-	ND < 3.0	*	ANR	ANR
Vanadium, dissolved	ug/L	-/-	ND < 3.0	*	ANR	ANR
Zinc	ug/L	-/-	ND < 4.0	*	ANR	ANR
Zinc, dissolved	ug/L	-/-	ND < 4.0	*	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ND < 0.28	*	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	*	ANR	ANR
Chloroform	ug/L	-/-	ND < 0.33	*	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	*	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	*	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ND < 0.42	*	ANR	ANR
Ethylbenzene	ug/L	-/-	ND < 0.25	*	ANR	ANR
Tetrachloroethene	ug/L	-/-	ND < 0.32	*	ANR	ANR
Toluene	ug/L	-/-	ND < 0.36	*	ANR	ANR
Xylenes (Total)	ug/L	-/-	ND < 0.90	*	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	*	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	*	ANR	ANR
Trichloroethene	ug/L	-/-	ND < 0.26	*	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	*	ANR	ANR
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ND < 1.5	*	ANR	ANR
Vinyl chloride	ug/L	-/-	ND < 0.30	*	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
2,4,5-Trichlorophenol	ug/L	-/-	ND < 2.9	*	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ND < 0.24	*	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ND < 2.4	*	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ND < 2.9	*	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ND < 0.32	*	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ND < 0.35	*	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ND < 1.9	*	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ND < 0.35	*	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ND < 2.9	*	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ND < 2.4	*	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ND < 0.37	*	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ND < 2.9	*	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ND < 1.9	*	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ND < 3.4	*	ANR	ANR

**OUTFALL 004 (SRE)**

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

**July 1 through September 30, 2007**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	7/5/2007		9/22/2007	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
2,4-Dinitrophenol	ug/L	-/-	ND < 4.3	*	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ND < 1.9	*	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ND < 1.9	*	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ND < 1.8	*	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ND < 1.9	*	ANR	ANR
2-Chlorophenol	ug/L	-/-	ND < 1.9	*	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ND < 3.8	*	ANR	ANR
2-Methylnaphthalene	ug/L	-/-	ND < 1.9	*	ANR	ANR
2-Methylphenol	ug/L	-/-	ND < 1.9	*	ANR	ANR
2-Nitrophenol	ug/L	-/-	ND < 3.4	*	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ND < 2.9	*	ANR	ANR
4,4'-DDD	ug/L	-/-	ND < 0.030	*	ANR	ANR
4,4'-DDE	ug/L	-/-	ND < 0.030	*	ANR	ANR
4,4'-DDT	ug/L	-/-	ND < 0.030	*	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ND < 2.4	*	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ND < 1.9	*	ANR	ANR
4-Chloroaniline	ug/L	-/-	ND < 1.9	*	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ND < 1.9	*	ANR	ANR
4-Nitrophenol	ug/L	-/-	ND < 5.3	*	ANR	ANR
Acenaphthene	ug/L	-/-	ND < 1.9	*	ANR	ANR
Acenaphthylene	ug/L	-/-	ND < 1.9	*	ANR	ANR
Acrolein	ug/L	-/-	ND < 4.0	*	ANR	ANR
Acrylonitrile	ug/L	-/-	ND < 0.70	*	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	100	*	ANR	ANR
Aldrin	ug/L	-/-	ND < 0.030	*	ANR	ANR
alpha-BHC	ug/L	-/-	ND < 0.020	*	ANR	ANR
Aniline	ug/L	-/-	ND < 2.4	*	ANR	ANR
Anthracene	ug/L	-/-	ND < 1.9	*	ANR	ANR
Aroclor-1016	ug/L	-/-	ND < 0.35	*	ANR	ANR
Aroclor-1221	ug/L	-/-	ND < 0.10	*	ANR	ANR
Aroclor-1232	ug/L	-/-	ND < 0.25	*	ANR	ANR
Aroclor-1242	ug/L	-/-	ND < 0.25	*	ANR	ANR
Aroclor-1248	ug/L	-/-	ND < 0.25	*	ANR	ANR
Aroclor-1254	ug/L	-/-	ND < 0.25	*	ANR	ANR
Aroclor-1260	ug/L	-/-	ND < 0.30	*	ANR	ANR
Benzidine	ug/L	-/-	ND < 8.2	*	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ND < 1.9	*	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ND < 1.9	*	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ND < 1.9	*	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ND < 2.9	*	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ND < 1.9	*	ANR	ANR
Benzoic acid	ug/L	-/-	ND < 8.2	*	ANR	ANR
Benzyl alcohol	ug/L	-/-	ND < 2.4	*	ANR	ANR

**OUTFALL 004 (SRE)**

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

**July 1 through September 30, 2007**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	7/5/2007		9/22/2007	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
beta-BHC	ug/L	-/-	ND < 0.040	*	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ND < 2.4	*	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ND < 3.8	*	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ND < 1.9	*	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ND < 2.4	*	ANR	ANR
Bromodichloromethane	ug/L	-/-	ND < 0.30	*	ANR	ANR
Bromoform	ug/L	-/-	3.1	J* (DNQ)	ANR	ANR
Bromomethane	ug/L	-/-	ND < 0.42	*	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ND < 3.8	*	ANR	ANR
Chlordane	ug/L	-/-	ND < 0.20	*	ANR	ANR
Chlorobenzene	ug/L	-/-	ND < 0.36	*	ANR	ANR
Chloroethane	ug/L	-/-	ND < 0.40	*	ANR	ANR
Chloromethane	ug/L	-/-	ND < 0.40	*	ANR	ANR
Chrysene	ug/L	-/-	ND < 1.9	*	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ND < 0.22	*	ANR	ANR
delta-BHC	ug/L	-/-	ND < 0.020	*	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ND < 2.9	*	ANR	ANR
Dibenzofuran	ug/L	-/-	ND < 1.9	*	ANR	ANR
Dibromochloromethane	ug/L	-/-	2.8	*	ANR	ANR
Dieldrin	ug/L	-/-	ND < 0.030	*	ANR	ANR
Diethylphthalate	ug/L	-/-	ND < 1.9	*	ANR	ANR
Dimethylphthalate	ug/L	-/-	ND < 1.9	*	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ND < 1.9	*	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ND < 1.9	*	ANR	ANR
Endosulfan I	ug/L	-/-	ND < 0.030	*	ANR	ANR
Endosulfan II	ug/L	-/-	ND < 0.040	*	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ND < 0.050	*	ANR	ANR
Endrin	ug/L	-/-	ND < 0.030	*	ANR	ANR
Endrin aldehyde	ug/L	-/-	ND < 0.050	*	ANR	ANR
Endrin ketone	ug/L	-/-	ND < 0.040	*	ANR	ANR
Fluoranthene	ug/L	-/-	ND < 1.9	*	ANR	ANR
Fluorene	ug/L	-/-	ND < 1.9	*	ANR	ANR
Heptachlor	ug/L	-/-	ND < 0.030	*	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ND < 0.030	*	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ND < 2.4	*	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ND < 3.4	*	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ND < 4.8	*	ANR	ANR
Hexachloroethane	ug/L	-/-	ND < 2.9	*	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ND < 2.9	*	ANR	ANR
Isophorone	ug/L	-/-	ND < 1.9	*	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ND < 0.030	*	ANR	ANR
Methoxychlor	ug/L	-/-				

**OUTFALL 004 (SRE)**

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

**July 1 through September 30, 2007**

<b>ANALYTE</b>	<b>UNITS</b>	<b>Permit Limit Daily Max/Monthly Avg</b>	<b>7/5/2007</b>		<b>9/22/2007</b>	
			<b>RESULT</b>	<b>VALIDATION QUALIFIER</b>	<b>RESULT</b>	<b>VALIDATION</b>



**OUTFALL 004 (SRE)**

**THIRD QUARTER 2007 REPORTING SUMMARY  
THE BOEING COMPANY**



**OUTFALL 004 (SRE)**

**THIRD QUARTER 2007 MASS-BASED REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**July 1 through July 31, 2007**

**7/5/2007**

**ANALYTE**

**UNITS**

**Mass-Based Permit  
Limit Daily  
Max/Monthly Avg**

## OUTFALL 006 (FSDF-2)

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

July 1 through September 30, 2007

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	9/22/2007	
			RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	62	*
Fluoride	mg/L	1.6/-	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	2.5	*
Oil & Grease	mg/L	15/-	ND < 1.1	*
Perchlorate	ug/L	6.0/-	ND < 1.5	U
pH (Field)	pH units	6.5-8.5/-	7.0	*
Sulfate	mg/L	250/-	23	*
Temperature	deg. F	86/-	64	*
Total Cyanide	ug/L	-/-	ANR	ANR
Total Dissolved Solids	mg/L	850/-	320	*
Total Suspended Solids	mg/L	-/-	26	--
Volume Discharged	MGD	17.8/-	0.003	ANR
<b>METALS</b>				
Aluminum	ug/L	-/-	ANR	ANR
Antimony	ug/L	6.0/-	0.60	J* (DNQ)
Antimony, dissolved	ug/L	-/-	0.59	J* (DNQ)
Arsenic	ug/L	-/-	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR
Cadmium	ug/L	4.0/-	0.27	J* (DNQ)
Cadmium, dissolved	ug/L	-/-	0.18	J* (DNQ)
Chromium	ug/L	-/-	ANR	ANR
Copper	ug/L	14.0/-	5.9	*
Copper, dissolved	ug/L	-/-	4.3	*
Lead	ug/L	5.2/-	1.3	*
Lead, dissolved	ug/L	-/-	0.13	J* (DNQ)
Mercury	ug/L	0.13/-	0.027	J (DNQ,R)
Mercury, dissolved	ug/L	-/-	ND < 0.025	UJ (R)
Nickel	ug/L	-/-	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR
Silver	ug/L	-/-	ANR	ANR
Thallium	ug/L	2.0/-	ND < 0.15	*
Thallium, dissolved	ug/L	-/-	ND < 0.15	*
Vanadium	ug/L	-/-	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR
<b>ORGANICS</b>				
Benzene	ug/L	-/-	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR

**OUTFALL 006 (FSDF-2)**

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

**July 1 through September 30, 2007**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	9/22/2007	
			RESULT	VALIDATION QUALIFIER
Chloroform	ug/L	-/-	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR
<b>ADDITIONAL ANALYTES</b>				

**OUTFALL 006 (FSDF-2)**

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

**July 1 through September 30, 2007**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	9/22/2007	
			RESULT	VALIDATION QUALIFIER
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR

# OUTFALL 006 (FSDF-2)

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

July 1 through September 30, 2007

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	9/22/2007	
			RESULT	VALIDATION QUALIFIER
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR

**OUTFALL 006 (FSDF-2)**

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

**Sample Date September 22, 2007**

<b>ANALYTE</b>	<b>LAB LOD (ug/L)</b>	<b>LAB RL (ug/L)</b>	<b>LAB RESULT (ug/L)</b>	<b>VALIDATION QUALIFIER</b>	<b>1998 WHO TEF</b>	<b>TCDD Equivalent (w/DNQ Values) (ug/L)</b>	<b>TCDD Equivalent (w/out DNQ Values) (ug/L)</b>
1,2,3,4,6,7,8-HpCDD	3.82E-06	2.50E-05	ND	U	0.01	ND	ND
1,2,3,4,6,7,8-HpCDF	3.47E-06	2.50E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	3.56E-06	2.50E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	4.10E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	1.68E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.66E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	1.64E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.61E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	2.62E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.15E-06	2.50E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.21E-06	2.50E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	1.95E-06	2.50E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.25E-06	2.50E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	8.61E-07	5.00E-06	ND	U	1	ND	ND
2,3,7,8-TCDF	1.21E-06	5.00E-06	ND	U	0.1	ND	ND
OCDD	0.00E+00	5.40E-05	ND	NDU (B760.1			
40E-05	ND	U (B760.1	ND				





## OUTFALL 009 (WS-13 Drainage)

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

July 1 through September 30, 2007

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	9/22/2007	
			RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	6.4	*
Fluoride	mg/L	1.6/-	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	1.3	*
Oil & Grease	mg/L	15/-	1.2	J* (DNQ)
Perchlorate	ug/L	6.0/-	ND < 1.5	U
pH (Field)	pH units	6.5-8.5/-	6.9	*
Sulfate	mg/L	250/-	25	*
Temperature	deg. F	86/-	61	*
Total Cyanide	ug/L	-/-	ANR	ANR
Total Dissolved Solids	mg/L	850/-	160	*
Total Suspended Solids	mg/L	-/-	99	--
Volume Discharged	MGD	17.8/-	ANR	ANR
<b>METALS</b>				
Aluminum	ug/L	-/-	ANR	ANR
Antimony	ug/L	6.0/-	0.86	J (DNQ)
Antimony, dissolved	ug/L	-/-	0.78	J* (DNQ)
Arsenic	ug/L	-/-	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR
Cadmium	ug/L	4.0/-	0.15	J (DNQ)
Cadmium, dissolved	ug/L	-/-	ND < 0.11	*
Chromium	ug/L	-/-	ANR	ANR
Copper	ug/L	14.0/-	9.9	--
Copper, dissolved	ug/L	-/-	6.0	*
Lead	ug/L	5.2/-	8.6	--
Lead, dissolved	ug/L	-/-	0.87	J* (DNQ)
Mercury	ug/L	0.13/-	ND < 0.025	U
Mercury, dissolved	ug/L	-/-	ND < 0.025	U
Nickel	ug/L	-/-	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR
Silver	ug/L	-/-	ANR	ANR
Thallium	ug/L	2.0/-	ND < 0.15	U
Thallium, dissolved	ug/L	-/-	ND < 0.15	*
Vanadium	ug/L	-/-	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR
<b>ORGANICS</b>				
Benzene	ug/L	-/-	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR

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

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

**July 1 through September 30, 2007**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	9/22/2007	
			RESULT	VALIDATION QUALIFIER
Chloroform	ug/L	-/-	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR
<b>ADDITIONAL ANALYTES</b>				
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR

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

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

**July 1 through September 30, 2007**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	9/22/2007	
			RESULT	VALIDATION QUALIFIER
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR

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

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

**July 1 through September 30, 2007**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	9/22/2007	
			RESULT	VALIDATION QUALIFIER

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







## OUTFALL 010 (Building 203)

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

July 1 through September 30, 2007

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	9/22/2007	
			RESULT	VALIDATION QUALIFIER
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR

**OUTFALL 010 (Building 203)**

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

**July 1 through September 30, 2007**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	9/22/2007	
			RESULT	VALIDATION QUALIFIER
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR
Lindane (gamma-HCH) (EPA 816-F-01-001) (ANR) 1.277 Td (Lindane 75706 060-1-Tj2/-)Tj6.506 0 Td (ANR) 7mTNalpthaTd(A				

**OUTFALL 010 (Building 203)**

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

**Sample Date September 22, 2007**

## OUTFALL 010 (Building 203)

### THIRD QUARTER 2007 MASS-BASED REPORTING SUMMARY THE BOEING COMPANY SANTA SUSANA FIELD LABORATORY NPDES PERMIT CA0001309

July 1 through September 30, 2007

ANALYTE	UNITS	Mass-Based Permit Limit Daily Max/Monthly Avg	9/22/2007	
			Result	CONCENTRATION RESULT VALIDATION QUALIFIER
Chloride	LBS/DAY	22,268/-	31	*
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,485/-	0.21	H*
Oil & Grease	LBS/DAY	2,227/-	0.27	J* (DNQ)
Perchlorate	LBS/DAY	0.89/-	ND	U
Sulfate	LBS/DAY	37,113/-	10.4	*
Total Dissolved Solids	LBS/DAY	126,184/-	122	*
<b>METALS</b>				
Antimony	LBS/DAY	0.89/-	0.00012	J* (DNQ)
Cadmium	LBS/DAY	0.59/-	ND	*
Copper	LBS/DAY	2.08/-	ND	*
Lead	LBS/DAY	0.77/-	ND	*
Mercury	LBS/DAY	0.02/-	ND	U
Thallium	LBS/DAY	0.3/-	ND	*
<b>ADDITIONAL ANALYTES</b>				
TCDD TEQ_NoDNQ	LBS/DAY	4.2E-09/-	ND	*