FIRST QUARTER 2009 REPORTING SUMMARY NOTES
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*10	value was estimated detect or estimated non detect (J,UJ) due to deficiencies in quantitation of the constituent including constituents reported by the laboratory as Estimated Maximum Possible Concentration (EMPC) values
*11	no calibration was performed for this compound; result is reported as a tentatively identified compound (TIC)
*II, *III	unusual problems found with the data that have been described in Section II, "Sample Management," or Section III, "Method Analysis." The number following the asterisk (*) will indicate the report section where a description of the problem can be found
ANR	analysis not required; e.g., constituent or outfall was not required by the permit to be sampled and analyzed (annual, semi-annual, etc.)
B	laboratory method blank contamination
C	calibration %RSD or %D were noncompliant
C5	Calibration verification %R was outside method control limits
%D	percent difference between the initial and continuing calibration relative response factors
deg F	degrees Fahrenheit
DL	detection limit
DNQ	detected but not quantified (constituent value greater than or equal to the laboratory method detection limit and less then the laboratory reporting limit)
E	duplicates show poor agreement
H	holding time was exceeded
I	ICP interference check solution results were unsatisfactory
J	estimated value
K	The sample dilution's set-up did not meet the oxygen depletion criteria of at least 2 mg/l. Therefore, the reported result is an estimated value only.
L2	the laboratory control sample %R was below the method control limits
L	laboratory control sample %R was outside control limits
LOD	limit of detection
M1	matrix spike (MS) and/or MS duplicate were above the acceptance limits due to sample matrix interference
M2	the MS and/or MS duplicate were below the acceptance limits due to sample matrix interference
MDL	method detection limit
MGD	million gallons per day
MHA*	Due to high level of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information.
mg/L	milligrams per liter
ml/L/hr	milliliters per liter per hour
NA	not applicable; no permit limit established for the constituent and/or outfall

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ND	analyte value less than the LOD or MDL
NM	not measured or determined
NTU	nephelometric turbidity unit
p	relative percent difference (RPD) is outside control limits
pCi/L	picocurries per liter
pg/L	picograms per liter
Q	matrix spike recovery outside of control limits
R	as a validation qualifier, results are rejected; the presence or absence of analyte cannot be verified
R	(reason code in parentheses) %R for calibration not within control limits
RL	laboratory reporting limit
RL-1	reporting limit raised due to sample matrix effects
%RSD	percent relative standard deviation
S	surrogate recovery was outside control limits
TEQ	toxic equivalent
T	presumed contamination, as indicated by a detect in the trip blank
TU_c	toxicity units (chronic)
U	result not detected
µg/L	micrograms per liter
UJ	result not detected at the estimated reporting limit
umhos/cm	micromhos per centimeter
WHO TEF	World Health Organization toxic equivalency factor
^	analysis not completed due to hold time exceedence or insufficient sample volume

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ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	2/16/2009 RESULT	VALIDATION QUALIFIER

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THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
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			2/16/2009	
ANALYTE	**UNITS**	**Benchmark Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Cobalt	ug/L	-/-	2.5	J (DNQ)
Cobalt, dissolved	ug/L	-/-	ND < 2.0	U
Copper	ug/L	14.0/7.1	6.6	J (*III)
Copper, dissolved	ug/L	-/-	2.3	--
Iron	mg/L	0.3/-	8.1	--
Iron, dissolved	mg/L	-/-	0.45	--
Lead	ug/L	5.2/2.6	6.6	--
Lead, dissolved	ug/L	-/-	0.31	J (DNQ)
Magnesium	mg/L	-/-	4.6	--
Magnesium, Dissolved	mg/L	-/-	3.0	--
Manganese	ug/L	50/-	110	--
Manganese, dissolved	ug/L	-/-	12	J (DNQ)
Mercury	ug/L	0.10/0.05	ND < 0.027	U
Mercury, dissolved	ug/L	-/-	ND < 0.027	U
Nickel	ug/L	96/35	ND < 10	U (B)
Nickel, dissolved	ug/L	-/-	ND < 2.0	U
Selenium	ug/L	8.2/4.1	0.52	J (*III,DNQ)
Selenium, dissolved	ug/L	-/-	ND < 2.0	U (B)
Silver	ug/L	4.1/2.0	ND < 0.30	U
Silver, dissolved	ug/L	-/-	ND < 0.30	U
Thallium	ug/L	2.0/-	ND < 0.20	U
Thallium, dissolved	ug/L	-/-	ND < 0.20	U
Vanadium	ug/L	-/-	19	--
Vanadium, dissolved	ug/L	-/-	ND < 3.0	U
Zinc	ug/L	119/54	37	--
Zinc, dissolved	ug/L	-/-	15	J (*III,B,DNQ)
ORGANICS				
Benzene	ug/L	-/-	ND < 0.28	*
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	*
Chloroform	ug/L	-/-	ND < 0.33	*
1,1-Dichloroethane	ug/L	-/-	ND < 0.40	*
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	*
1,1-Dichloroethene	ug/L	6.0/3.2	ND < 0.42	*
1,4-Dioxane	ug/L	-/-	ND < 1.0	*
Ethylbenzene	ug/L	-/-	ND < 0.25	*
Tetrachloroethene	ug/L	-/-	ND < 0.32	*
Toluene	ug/L	-/-	ND < 0.36	*
Xylenes (Total)	ug/L	-/-	ND < 0.90	*
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	*
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	*
Trichloroethene	ug/L	5.0/-	ND < 0.26	*
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	*
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ND < 0.50	*
Vinyl Chloride	ug/L	-/-	ND < 0.40	*

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**	**RESULT**	**VALIDATION QUALIFIER**
TPH				
DRO (C13 - C28)	mg/L	-/-	ND < 0.047	*
GRO (C4 - C12)	ug/L	-/-	ND < 0.025	*
ADDITIONAL ANALYTES				
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ND < 2.5	*
2,4,5-Trichlorophenol	ug/L	-/-	ND < 0.19	U
1,1,2,2-Tetrachloroethane	ug/L	-/-	ND < 0.30	*
1,2,4-Trichlorobenzene	ug/L	-/-	ND < 0.094	U
1,2-Dichlorobenzene (EPA 624)	ug/L	-/-	ND < 0.32	*
1,2-Dichlorobenzene (EPA 625)	ug/L	-/-	ND < 0.094	U
1,2-Dichloropropane	ug/L	-/-	ND < 0.35	*
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ND < 0.094	U
1,3-Dichlorobenzene (EPA 625)	ug/L	-/-	ND < 0.094	U
1,3-Dichlorobenzene (EPA 624)	ug/L	-/-	ND < 0.35	*
1,4-Dichlorobenzene (EPA 625)	ug/L	-/-	ND < 0.19	U
1,4-Dichlorobenzene (EPA 624)	ug/L	-/-	ND < 0.37	*
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	-/-	ND < 0.28	U
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	UJ (*III)
2-Chloroethylvinylether	ug/L	-/-	ND < 1.8	*
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-Methylnaphthalene	ug/L	-/-	ND < 0.094	U
2-Methylphenol	ug/L	-/-	ND < 0.094	UJ (*III)
2-Nitrophenol	ug/L	-/-	ND < 0.094	U
3,3'-Dichlorobenzidine	ug/L	-/-	ND < 4.7	U
4,4'-DDD	ug/L	-/-	ND < 0.0019	UJ (C)
4,4'-DDE	ug/L	-/-	ND < 0.0028	UJ (C)
4,4'-DDT	ug/L	-/-	ND < 0.0038	UJ (C)
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	UJ (*III)
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	C*
Acrylonitrile	ug/L	-/-	ND < 0.70	C*
Acute Toxicity	% SURVIVAL	70-100/-	100	*

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			2/16/2009	
ANALYTE	**UNITS**	**Benchmark Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Aldrin	ug/L	-/-	ND < 0.0014	UJ (C)
alpha-BHC	ug/L	0.03/0.01	ND < 0.0053	UJ (H)
Aniline	ug/L	-/-	ND < 0.28	U
Anthracene	ug/L	-/-	ND < 0.094	U
Aroclor-1016	ug/L	-/-	ND < 0.24	*
Aroclor-1221	ug/L	-/-	ND < 0.24	*
Aroclor-1232	ug/L	-/-	ND < 0.24	*
Aroclor-1242	ug/L	-/-	ND < 0.24	*
Aroclor-1248	ug/L	-/-	ND < 0.24	*
Aroclor-1254	ug/L	-/-	ND < 0.24	*
Aroclor-1260	ug/L	-/-	ND < 0.24	*
Benzidine	ug/L	-/-	ND < 4.7	U
Benzo(a)anthracene	ug/L	-/-	ND < 0.094	U
Benzo(a)pyrene	ug/L	-/-	ND < 0.094	U
Benzo(b)fluoranthene	ug/L	-/-	ND < 0.094	U
Benzo(g,h,I)perylene	ug/L	-/-	ND < 0.094	U
Benzo(k)fluoranthene	ug/L	-/-	ND < 0.094	U
Benzoic acid	ug/L	-/-	ND < 2.8	U
Benzyl alcohol	ug/L	-/-	ND < 0.094	UJ (*III)
beta-BHC	ug/L	-/-	ND < 0.0038	U
bis (2-Chloroethyl) ether	ug/L	-/-	ND < 0.094	U
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-	ND < 1.6	U
bis(2-Chloroethoxy) methane	ug/L	-/-	ND < 0.094	UJ (*III)
bis(2-Chloroisopropyl) ether	ug/L	-/-	ND < 0.094	U
Bromodichloromethane	ug/L	-/-	ND < 0.30	*
Bromoform	ug/L	-/-	ND < 0.40	*
Bromomethane	ug/L	-/-	ND < 0.42	*
Butylbenzylphthalate	ug/L	-/-	ND < 4.7	U (B)
Chlordane	ug/L	-/-	ND < 0.038	U
Chlorobenzene	ug/L	-/-	ND < 0.36	*
Chloroethane	ug/L	-/-	ND < 0.40	*
Chloromethane	ug/L	-/-	ND < 0.40	*
Chronic Toxicity	TUC	2558(4922E[ug/L)-4927(-/-)-3600(ND < 0.094)-4116f710dyyND		
Butylbenzylphthalate	ug/L	-/alco<D TdC	2558(4922E[ug/L)-4927(-/-)-3600(ND	

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ANALYTE	**UNITS**	**Benchmark Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Di-n-octylphthalate	ug/L	-/-	ND < 0.094	U
Endosulfan I	ug/L	-/-	ND < 0.0019	UJ (C)
Endosulfan II	ug/L	-/-	ND < 0.0028	UJ (C)
Endosulfan sulfate	ug/L	-/-	ND < 0.0028	UJ (C)
Endrin	ug/L	-/-	ND < 0.0019	UJ (C)
Endrin aldehyde	ug/L	-/-	ND < 0.0019	UJ (C)
Endrin ketone	ug/L	-/-	ND < 0.0028	UJ (C)
Fluoranthene	ug/L	-/-	ND < 0.094	U
Fluorene	ug/L	-/-	ND < 0.094	U
Heptachlor	ug/L	-/-	ND < 0.0028	UJ (C)
Heptachlor epoxide	ug/L	-/-	ND < 0.0024	UJ (C)
Hexachlorobenzene	ug/L	-/-	ND < 0.094	U
Hexachlorobutadiene	ug/L	-/-	ND < 0.19	U
Hexachlorocyclopentadiene	ug/L	-/-	ND < 0.094	U
Hexachloroethane	ug/L	-/-	ND < 0.19	U
Hydrazine	ug/L	-/-	ND < 0.60	UJ (C)
Unsymmetrical Dimethyl Hydrazine	ug/L	-/-	ND < 1.42	U
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ND < 0.094	U
Isophorone	ug/L	-/-	ND < 0.094	UJ (*III)
Lindane (gamma-BHC)	ug/L	-/-	ND < 0.0028	UJ (C)
Methoxychlor	ug/L	-/-	ND < 0.0033	UJ (C)
Methylene Chloride	ug/L	-/-	ND < 0.95	*
m-Nitroaniline	ug/L	-/-	ND < 0.19	U
Monomethyl Hydrazine	ug/L	-/-	ND < 1.70	U
Naphthalene	ug/L	-/-	ND < 0.094	U
Nitrobenzene	ug/L	-/-	ND < 0.094	U
n-Nitrosodimethylamine	ug/L	16.3/8.1	ND < 0.094	U
n-Nitroso-di-n-propylamine	ug/L	-/-	ND < 0.094	UJ (*III)
n-Nitrosodiphenylamine	ug/L	-/-	ND < 0.094	U
o-Nitroaniline	ug/L	-/-	ND < 0.094	U

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			2/16/2009	
ANALYTE	**UNITS**	**Benchmark Limit Daily Max/Monthly Avg**	**Result**	**CONCENTRATION RESULT VALIDATION QUALIFIER**
Ammonia as Nitrogen (N)	LBS/DAY	13,500/2615	0.92	*
Biochemical Oxygen Demand (BOD 5 day)	LBS/DAY	40,032/26,700	3.94	*
Chloride	LBS/DAY	200,160/-	16.43	*
Surfactants (MBAS)	LBS/DAY	667/-	0.16	J* (DNQ)
Fluoride	LBS/DAY	2,135/-	0.20	B*
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	10,700/-	2.30	*
Nitrate as Nitrogen (N)	LBS/DAY	10,700/-	2.30	*
Nitrite-N	LBS/DAY	1,334/-	ND	*
Oil and Grease	LBS/DAY	20,016/13,344	3.12	J* (DNQ)
Perchlorate	LBS/DAY	8/-	ND	*
Sulfate	LBS/DAY	400,320/-	15.94	*
Total Cyanide	LBS/DAY	11.3/5.7	ND	*
Total Dissolved Solids	LBS/DAY	1,270,000/-	197.18	*
Total Residual Chlorine	LBS/DAY	133/-	ND	HFT*
Total Suspended Solids	LBS/DAY	60,048/20,016	151.17	--
Antimony	LBS/DAY	8.01/-	ND	U (B)
Arsenic	LBS/DAY	66.7/-	ND	U
Barium	LBS/DAY	1,330/-	0.12	--
Beryllium	LBS/DAY	5.34/-	ND	U
Cadmium	LBS/DAY	4.14/2.7	0.0002	J (DNQ)
Chromium IV	LBS/DAY	21.8/10.8	ND	*
Copper	LBS/DAY	18.7/9.5	0.01	J (*III)
Iron	LBS/DAY	400/-	13.31	--
Lead	LBS/DAY	6.94/3.5	0.01	--
Manganese	LBS/DAY	66.7/-	0.18	--
Mercury	LBS/DAY	0.13/0.07	ND	U
Nickel	LBS/DAY	128/47	ND	U (B)
Selenium	LBS/DAY	10.9/5.5	0.001	J (*III,DNQ)
Silver	LBS/DAY	5.5/2.7	ND	U
Thallium	LBS/DAY	2.7/-	ND	U
Zinc	LBS/DAY	159/72	0.06	--
1,1-Dichloroethene	LBS/DAY	8/4.3	ND	*
Trichloroethene	LBS/DAY	6.7/-	ND	*
2,4,6-Trichlorophenol	LBS/DAY	17/8.7	ND	U
2,4-Dinitrotoluene	LBS/DAY	24/12	ND	U
alpha-BHC	LBS/DAY	0.04/0.013	ND	UJ (H)
bis (2-ethylhexyl) Phthalate	LBS/DAY	5.3/-	ND	U
n-Nitrosodimethylamine	LBS/DAY	21.8/10.8	ND	U
Pentachlorophenol	LBS/DAY	22/10.9	0.002	J (DNQ)
TCDD TEQ_NoDNQ	LBS/DAY	3.7E-08/1.9E-08	1.2E-09	--

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

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ANALYTE	UNITS	Benchmark Limit Monthly Avg	February Average Concentration
Ammonia as Nitrogen (N)	mg/L	1.96	0.56
Biochemical Oxygen Demand (BOD 5 day)	mg/L	20	2.4
Oil & Grease	mg/L	10	1.9
Total Settleable Solids	ml/L	0.1	0.20
Total Cyanide	ug/L	4.3	ND < 2.2
Total Suspended Solids	mg/L	15	92
METALS			
Cadmium	ug/L	2	0.14
Chromium VI	ug/L	8.1	ND < 0.25
Copper	ug/L	7.1	6.6
Lead	ug/L	2.6	6.6
Mercury	ug/L	0.05	ND < 0.027
Nickel	ug/L	35	ND < 10
Selenium	ug/L	4.1	0.52
Silver	ug/L	2	ND < 0.30
Zinc	ug/L	54	37
ORGANICS			
1,1-Dichloroethene	ug/L	3.2	ND < 0.42
ADDITIONAL ANALYTES			
2,4,6-Trichlorophenol	ug/L	6.5	ND < 0.094
2,4-Dinitrotoluene	ug/L	9.1	ND < 0.19
alpha-BHC	ug/L	0.01	ND < 0.0053
n-Nitrosodimethylamine	ug/L	8.1	ND < 0.094
Pentachlorophenol	ug/L	8.2	1.5
DIOXINS			
TCDD TEQ w/out DNQ Values	ug/L	1.4E-08	7.3E-07

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

OUTFALL 002 (South Slope below R-2 Pond)

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			2/16/2009	
ANALYTE	**UNITS**	**Benchmark Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Ammonia as Nitrogen (N)	mg/L	10.1/-	0.56	*
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/-	3.4	*
Chloride	mg/L	150/-	9.5	*
Specific Conductivity (Lab)	umhos/cm	-/-	250	--
Surfactants (MBAS)	mg/L	0.5/-	0.029	Ja* (DNQ)
Fluoride	mg/L	1.6/-	0.20	B*
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	2.7	*
Nitrate as Nitrogen (N)	mg/L	8.0/-	2.7	*
Nitrite-N	mg/L	1.0/-	ND < 0.090	*
Oil & Grease	mg/L	15/-	1.8	Ja* (DNQ)
Perchlorate	ug/L	6.0/-	ND < 0.90	*
pH (Field)	pH units	6.5-8.5/-	7.3	*
Total Settleable Solids	ml/L	0.3/-	0.15	*
Sulfate	mg/L	300/-	39	*
Temperature	deg. F	86/-	46	*
Total Cyanide	ug/L	8.5/-	ND < 2.2	*
Total Dissolved Solids	mg/L	950/-	190	*
Hardness	mg/L	-/-	100	--
Hardness, dissolved	mg/L	-/-	68	--
Total Organic Carbon	mg/L	-/-	17	--
Total Residual Chlorine	mg/L	0.1/-	ND < 0.20	HFT, RL1*
Total Suspended Solids	mg/L	45/-	220	--
Turbidity	NTU	-/-	310	--
Volume Discharged	MGD	160/-	1.342755	*
METALS				
Antimony	ug/L	6.0/-	ND < 2.0	U (B)
Antimony, dissolved	ug/L	-/-	ND < 2.0	U (B)
Arsenic	ug/L	10/-	ND < 7.0	U
Arsenic, dissolved	ug/L	-/-	ND < 7.0	U
Barium	mg/L	1.0/-	0.13	--
Barium, dissolved	mg/L	-/-	0.020	--
Beryllium	ug/L	4.0/-	ND < 0.90	U
Beryllium, dissolved	ug/L	-/-	ND < 0.90	U
Boron	mg/L	-/-	0.052	--
Boron, dissolved	mg/L	-/-	0.046	J (DNQ)
Cadmium	ug/L	3.1/-	0.14	J (DNQ)
Cadmium, dissolved	ug/L	-/-	ND < 0.11	U
Calcium	mg/L	-/-	25	--
Calcium, Dissolved	mg/L	-/-	18	--
Chromium	ug/L	16.3/-	ND < 20	U (B)
Chromium, dissolved	ug/L	-/-	ND < 2.0	U
Chromium VI	ug/L	16.3/-	ND < 0.25	M1*
Cobalt	ug/L	-/-	4.8	J (DNQ)

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

OUTFALL 002 (South Slope below R-2 Pond)

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ANALYTE	**UNITS**	**Benchmark Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Cobalt, dissolved	ug/L	-/-	ND < 2.0	U
Copper	ug/L	14.0/-	10	--
Copper, dissolved	ug/L	-/-	3.6	--
Iron	mg/L	0.3/-	17	--
Iron, dissolved	mg/L	-/-	0.45	--
Lead	ug/L	5.2/-	11	--
Lead, dissolved	ug/L	-/-	ND < 0.30	U
Magnesium	mg/L	-/-	9.9	--
Magnesium, Dissolved	mg/L	-/-	5.3	--
Manganese	ug/L	50/-	240	--
Manganese, dissolved	ug/L	-/-	15	J (DNQ)
Mercury	ug/L	0.10/-	0.032	J (Q,DNQ)
Mercury, dissolved	ug/L	-/-	0.03	J (DNQ)
Nickel	ug/L	96/-	ND < 13	U (B)
Nickel, dissolved	ug/L	-/-	ND < 2.0	U
Selenium	ug/L	8.2/-	ND < 0.30	R (*III)
Selenium, dissolved	ug/L	-/-	ND < 2.0	U (B)
Silver	ug/L	4.1/-	ND < 0.30	U
Silver, dissolved	ug/L	-/-	ND < 0.30	U
Thallium	ug/L	2.0/-	ND < 0.20	U
Thallium, dissolved	ug/L	-/-	ND < 0.20	U
Vanadium	ug/L	-/-	36	--
Vanadium, dissolved	ug/L	-/-	ND < 3.0	U
Zinc	ug/L	119/-	56	--
Zinc, dissolved	ug/L	-/-	ND < 20	UJ (*III,B)
ORGANICS				
Benzene	ug/L	-/-	ND < 0.28	*
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	*
Chloroform	ug/L	-/-	ND < 0.33	*
1,1-Dichloroethane	ug/L	-/-	ND < 0.40	*
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	*
1,1-Dichloroethene	ug/L	6.0/-	ND < 0.42	*
1,4-Dioxane	ug/L	-/-	ND < 1.0	*
Ethylbenzene	ug/L	-/-	ND < 0.25	*
Tetrachloroethene	ug/L	-/-	ND < 0.32	*
Toluene	ug/L	-/-	ND < 0.36	*
Xylenes (Total)	ug/L	-/-	ND < 0.90	*
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	*
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	*
Trichloroethene	ug/L	5.0/-	ND < 0.26	*
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	*
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ND < 0.50	*
Vinyl Chloride	ug/L	-/-	ND < 0.40	*
TPH				

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

OUTFALL 002 (South Slope below R-2 Pond)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
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January 1 through March 31, 2009

			2/16/2009	
ANALYTE	**UNITS**	**Benchmark Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
DRO (C13 - C28)	mg/L	-/-	ND < 0.047	*
GRO (C4 - C12)	ug/L	-/-	ND < 0.025	*
ADDITIONAL ANALYTES				
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ND < 2.5	*
2,4,5-Trichlorophenol	ug/L	-/-	ND < 0.20	U
1,1,2,2-Tetrachloroethane	ug/L	-/-	ND < 0.30	*
1,2,4-Trichlorobenzene	ug/L	-/-	ND < 0.099	U
1,2-Dichlorobenzene (EPA 625)	ug/L	-/-	ND < 0.32	*
1,2-Dichlorobenzene (EPA 624)	ug/L	-/-	ND < 0.099	U
1,2-Dichloropropane	ug/L		-7/oE3t3 0 Td(ug/L)Tj7.24 00 Td[(-/-)-4233(	

1,2-DichloropropaneADDITIONAL ANALYTES1,2-Dichloro-1,1,2-trifuoroethaneADDITIONAL ANALYTES1

AL A0.099 ug/L1,2-Dichloro-1,1,2-trifuoroethane

OUTFALL 002 (South Slope below R-2 Pond)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
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			2/16/2009
ANALYTE	**UNITS**	**Benchmark**	

OUTFALL 002 (South Slope below R-2 Pond)

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THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date February 16, 2009

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	4.35E-05	--	0.01	**4.4E-07**	**4.4E-07**
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.50E-05	1.96E-05	J (DNQ)	0.01	**2.0E-07**	**ND**
1,2,3,4,7,8,9-HpCDF	2.20E-06	2.50E-05	ND	U	0.01	**ND**	**ND**
1,2,3,4,7,8-HxCDD	2.06E-06	2.50E-05	ND	U	0.1	**ND**	**ND**
1,2,3,4,7,8-HxCDF	1.12E-06	2.50E-05	ND	U	0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDD	0.00E+00	2.50E-05	2.40E-06	J (DNQ)	0.1	**2.4E-07**	**ND**
1,2,3,6,7,8-HxCDF	1.15E-06	2.50E-05	ND	U	0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDD	1.95E-06	2.50E-05	ND	U	0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDF	1.71E-06	2.50E-05	ND	U	0.1	**ND**	**ND**
1,2,3,7,8-PeCDD	1.04E-06	2.50E-05	ND	U	1	**ND**	**ND**
1,2,3,7,8-PeCDF	8.30E-07	2.50E-05	ND	U	0.05	**ND**	**ND**
2,3,4,6,7,8-HxCDF	1.21E-06	2.50E-05	ND	U	0.1	**ND**	**ND**
2,3,4,7,8-PeCDF	7.82E-07	2.50E-05	ND	U	0.5	**ND**	**ND**
2,3,7,8-TCDD	6.53E-07	5.00E-06	ND	U	1	**ND**	**ND**
2,3,7,8-TCDF	5.25E-07	5.00E-06	ND	U	0.1	**ND**	**ND**

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OUTFALL 002 (South Slope below R-2 Pond)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
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ANALYTE	UNITS	Benchmark	2/16/2009

OUTFALL 004 (SRE)

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OUTFALL 004 (SRE)

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THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

			2/6/2009		2/16/2009	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
Selenium	ug/L	-/-	ND < 8.0	U	ANR	ANR
Selenium, dissolved	ug/L	-/-	ND < 8.0	U	ANR	ANR
Silver	ug/L	-/-	ND < 6.0	U	ANR	ANR
Silver, dissolved	ug/L	-/-	ND < 6.0	U	ANR	ANR
Thallium	ug/L	2.0/-	ND < 0.20	U	ND < 0.20	C*
Thallium, dissolved	ug/L	-/-	ND < 0.20	U	ND < 0.20	C*
Vanadium	ug/L	-/-	11	--	ANR	ANR
Vanadium, dissolved	ug/L	-/-	ND < 3.0	U	ANR	ANR
Zinc	ug/L	-/-	14	J (DNQ)	ANR	ANR
Zinc, dissolved	ug/L	-/-	ND < 6.0	U	ANR	ANR

OUTFALL 004 (SRE)

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THE BOEING COMPANY
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			2/6/2009		2/16/2009	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
2,4-Dinitrotoluene	ug/L	-/-	ND < 3.6	*	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ND < 2.0	*	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ND < 1.8	U	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ND < 3.0	*	ANR	ANR
2-Chlorophenol	ug/L	-/-	ND < 3.0	*	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ND < 4.1	*	ANR	ANR
2-Methylnaphthalene	ug/L	-/-	ND < 2.0	*	ANR	ANR
2-Methylphenol	ug/L	-/-	ND < 3.0	*	ANR	ANR
2-Nitrophenol	ug/L	-/-	ND < 3.6	*	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ND < 7.6	*	ANR	ANR
4,4'-DDD	ug/L	-/-	ND < 0.0020	UJ (C)	ANR	ANR
4,4'-DDE	ug/L	-/-	ND < 0.0030	UJ (C)	ANR	ANR
4,4'-DDT	ug/L	-/-	ND < 0.0040	UJ (C)	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ND < 3.0	*	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ND < 2.5	*	ANR	ANR
4-Chloroaniline	ug/l	-/-	ND < 2.0	*	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ND < 2.5	*	ANR	ANR
4-Nitrophenol	ug/L	-/-	ND < 5.6	*	ANR	ANR
Acenaphthene	ug/L	-/-	ND < 3.0	*	ANR	ANR
Acenaphthylene	ug/L	-/-	ND < 3.0	*	ANR	ANR
Acrolein	ug/L	-/-	ND < 4.0	U	ANR	ANR
Acrylonitrile	ug/L	-/-	ND < 0.70	UJ (C)	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	100	*	ANR	ANR
Aldrin	ug/L	-/-	ND < 0.0015	UJ (C)	ANR	ANR
alpha-BHC	ug/L	-/-	ND < 0.0025	U	ANR	ANR
Aniline	ug/L	-/-	ND < 3.6	*	ANR	ANR
Anthracene	ug/L	-/-	ND < 2.5	*	ANR	ANR
Aroclor-1016	ug/L	-/-	ND < 0.25	U	ANR	ANR
Aroclor-1221	ug/L	-/-	ND < 0.25	U	ANR	ANR
Aroclor-1232	ug/L	-/-	ND < 0.25	U	ANR	ANR
Aroclor-1242	ug/L	-/-	ND < 0.25	U	ANR	ANR
Aroclor-1248	ug/L	-/-	ND < 0.25	U	ANR	ANR
Aroclor-1254	ug/L	-/-	ND < 0.25	U	ANR	ANR
Aroclor-1260	ug/L	-/-	ND < 0.25	U	ANR	ANR
Benzidine	ug/L	-/-	ND < 10	*	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ND < 2.5	*	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ND < 3.0	*	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ND < 2.0	*	ANR	ANR
Benzo(g,h,I)perylene	ug/L	-/-	ND < 4.1	*	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ND < 2.5	*	ANR	ANR
Benzoic acid	ug/L	-/-	ND < 10	*	ANR	ANR
Benzyl alcohol	ug/L	-/-	ND < 3.6	*	ANR	ANR
beta-BHC	ug/L	-/-	ND < 0.0040	UJ (C)	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ND < 3.0	*	ANR	ANR

OUTFALL 004 (SRE)

OUTFALL 004 (SRE)

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SANTA SUSANA FIELD LABORATORY
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ANALYTE	2/6/2009	2/16/2009

OUTFALL 004 (SRE)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date February 6, 2009

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER		1998 WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	5.26E-05	--		0.01	**5.3E-07**	**5.3E-07**
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.50E-05	8.11E-06	J (DNQ)		0.01	**8.1E-08**	**ND**
1,2,3,4,7,8,9-HpCDF	1.90E-06	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,7,8-HxCDD	1.75E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,4,7,8-HxCDF	8.21E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDD	1.75E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDF	8.14E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDD	1.69E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDF	1.30E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8-PeCDD	1.09E-06	2.50E-05	ND	U		1	**ND**	**ND**
1,2,3,7,8-PeCDF	6.93E-07	2.50E-05	ND	U		0.05	**ND**	**ND**
2,3,4,6,7,8-HxCDF	7.40E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
2,3,4,7,8-PeCDF	6.63E-07	2.50E-05	ND	U		0.5	**ND**	**ND**
2,3,7,8-TCDD	5.12E-07	5.00E-06	ND	U		1	**ND**	**ND**
2,3,7,8-TCDF	4.14E-07	5.00E-06	ND	U		0.1	**ND**	**ND**
OCDD	0.00E+00	5.00E-05	8.85E-04	--		0.0001	**8.9E-08**	**8.9E-08**
OCDF	0.00E+00	5.00E-05	2.51E-05	J (DNQ)		0.0001	**2.5E-09**	**ND**

TCDD TEQ w/ DNQ Values	**7.0E-07**	
TCDD TEQ w/out DNQ Values		**6.1E-07**

Dioxin TCDD TEQ compliance limit established for this outfall? Yes **TCDD TEQ PERMIT LIMIT = 2.8E-08**

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

OUTFALL 004 (SRE)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date February 16, 2009

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
7,8-HpCDD	0.00E+00	2.50E-05	3.12E-05	--	0.01	**3.1E-07**	**3.1E-07**
7,8-HpCDF	0.00E+00	2.50E-05	4.19E-06	J (DNQ)	0.01	**4.2E-08**	**ND**
8,9-HpCDF	1.42E-06	2.50E-05	ND	U	0.01	**ND**	**ND**
8-HxCDD	1.32E-06	2.50E-05	ND	U	0.1	**ND**	**ND**
8-HxCDF	6.04E-07	2.50E-05	ND	U	0.1	**ND**	**ND**
8-HxCDD	1.27E-06	2.50E-05	ND	U	0.1	**ND**	**ND**
8-HxCDF	6.62E-07	2.50E-05	ND	U	0.1	**ND**	**ND**
9-HxCDD	1.25E-06	2.50E-05	ND	U	0.1	**ND**	**ND**
9-HxCDF	1.03E-06	2.50E-05	ND	U	0.1	**ND**	**ND**
-PeCDD	8.38E-07	2.50E-05	ND	U	1	**ND**	**ND**
-PeCDF	4.87E-07	2.50E-05	ND	U	0.05	**ND**	**ND**
8-HxCDF	7.16E-07	2.50E-05	ND	U	0.1	**ND**	**ND**
-PeCDF	4.75E-07	2.50E-05	ND	U	0.5	**ND**	**ND**
CDD	4.46E-07	5.00E-06	ND	U	1	**ND**	**ND**
CDF	3.50E-07	5.00E-06	ND	U	0.1	**ND**	**ND**
	0.00E+00	5.00E-05	4.88E-04	--	0.0001	**4.9E-08**	**4.9E-08**
	0.00E+00	5.00E-05	1.47E-05	J (DNQ)	0.0001	**1.5E-09**	**ND**
EQ w/ DNQ Values						**4.0E-07**	
EQ w/out DNQ Values							**3.6E-07**

CDD TEQ compliance limit established for this outfall? Yes **TCDD TEQ PERMIT LIMIT = 2.8E-08**

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

OUTFALL 004 (SRE)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

			2/6/2009		2/16/2009	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**Result**	**CONCENTRATION RESULT VALIDATION QUALIFIER**	**Result**	**CONCENTRATION RESULT VALIDATION QUALIFIER**
Chloride	LBS/DAY	22,268/-	2.37	--	1.85	*
Fluoride	LBS/DAY	238/-	0.01	--	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,485/-	0.01	J (DNQ)	0.04	*
Oil & Grease	LBS/DAY	2227/-	ND	U	0.15	J* (DNQ)
Perchlorate	LBS/DAY	0.89/-	ND	U	ANR	ANR
Sulfate	LBS/DAY	37,113/-	1.04	--	0.62	*
Total Dissolved Solids	LBS/DAY	126,184/-	9.95	--	10.28	*
Antimony	LBS/DAY	0.89/-	ND	U (B)	0.00004	J* (DNQ)
Boron	LBS/DAY	148/-	ND	U	ANR	ANR
Cadmium	LBS/DAY	0.59/-	ND	U	ND	*
Copper	LBS/DAY	2.08/-	0.0002	--	0.0003	*
Lead	LBS/DAY	0.77/-	0.0001	--	0.0002	*
Mercury	LBS/DAY	0.02/-	ND	U (B)	0.000003	J (DNQ)
Nickel	LBS/DAY	14.9/-	0.0002	J (DNQ)	ANR	ANR
Thallium	LBS/DAY	0.3/-	ND	U	ND	C*
TCDD TEQ_NoDNQ	LBS/DAY	4.2E-09/-	2.9E-11	--	3.7E-11	--

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

BMP EFFECTIVENESS
OUTFALL 004 (SRE)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
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SAMPLE NAME	SAMPLE DATE	ANALYTE	UNITS	RESULT
004 EFF-1	02/05/09	Density	g/cc	1.0*
004 EFF-1	02/05/09	Sediment	mg/L	61*
004 EFF-2	02/05/09	Density	g/cc	1.0*
004 EFF-2	02/05/09	Sediment	mg/L	62*
004 EFF-3	02/05/09	Density	g/cc	1.0*
004 EFF-3	02/05/09	Sediment	mg/L	50*
004 EFF-4	02/05/09	Density	g/cc	1.0*
004 EFF-4	02/05/09	Sediment	mg/L	49*
004 EFF-5	02/05/09	Density	g/cc	1.0*
004 EFF-5	02/05/09	Sediment	mg/L	47*
004 EFF-6	02/05/09	Density	g/cc	1.0*
004 EFF-6	02/05/09	Sediment	mg/L	52*
004 EFF-7	02/05/09	Density	g/cc	1.0*
004 EFF-7	02/05/09	Sediment	mg/L	59*
004 EFF-8	02/06/09	Density	g/cc	1.0*
004 EFF-8	02/06/09	Sediment	mg/L	44*
004 EFF-9	02/06/09	Density	g/cc	1.0*
004 EFF-9	02/06/09	Sediment	mg/L	84*
004 EFF-10	02/06/09	Density	g/cc	0.99*
004 EFF-10	02/06/09	Sediment	mg/L	ND <10*
004 EFF-11	02/06/09	Density	g/cc	1.0*
004 EFF-11	02/06/09	Sediment	mg/L	ND <10*
004 EFF-12	02/06/09	Density	g/cc	1.0*
004 EFF-12	02/06/09	Sediment	mg/L	ND <10*
004 EFF-13	02/06/09	Density	g/cc	1.0*
004 EFF-13	02/06/09	Sediment	mg/L	13*
004 EFF-14	02/06/09	Density	g/cc	1.0*
004 EFF-14	02/06/09	Sediment	mg/L	30*
004 EFF-15	02/06/09	Density	g/cc	1.0*
004 EFF-15	02/06/09	Sediment	mg/L	55*
004 EFF-16	02/06/09	Density	g/cc	0.99*
004 EFF-16	02/06/09	Sediment	mg/L	57*
004 EFF-17	02/06/09	Density	g/cc	0.99*
004 EFF-17	02/06/09	Sediment	mg/L	68*
004 EFF-18	02/06/09	Density	g/cc	1.0*
004 EFF-18	02/06/09	Sediment	mg/L	75*

BMP EFFECTIVENESS
OUTFALL 004 (SRE)

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SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

SAMPLE NAME	SAMPLE DATE	ANALYTE	UNITS	RESULT
004 EFF-13	02/16/09	Density	g/cc	1.0*
004 EFF-13	02/16/09	Sediment	mg/L	19*
004 EFF-14	02/16/09	Density	g/cc	1.0*
004 EFF-14	02/16/09	Sediment	mg/L	31*
004 EFF-15	02/16/09	Density	g/cc	0.99*
004 EFF-15	02/16/09	Sediment	mg/L	23*
004 EFF-16	02/16/09	Density	g/cc	1.0*
004 EFF-16	02/16/09	Sediment	mg/L	17*
004 EFF-17	02/16/09	Density	g/cc	1.0*
004 EFF-17	02/16/09	Sediment	mg/L	28*
004 EFF-18	02/16/09	Density	g/cc	1.0*
004 EFF-18	02/16/09	Sediment	mg/L	26*
004 EFF-19	02/16/09	Density	g/cc	1.0*
004 EFF-19	02/16/09	Sediment	mg/L	13*
004 EFF-20	02/16/09	Density	g/cc	1.0*
004 EFF-20	02/16/09	Sediment	mg/L	32*
004 EFF-21	02/17/09	Density	g/cc	1.0*
004 EFF-21	02/17/09	Sediment	mg/L	35*
004 EFF-22	02/17/09	Density	g/cc	1.0*
004 EFF-22	02/17/09	Sediment	mg/L	26*
004 EFF-23	02/17/09	Density	g/cc	1.0*
004 EFF-23	02/17/09	Sediment	mg/L	29*
004 EFF-24	02/17/09	Density	g/cc	1.0*
004 EFF-24	02/17/09	Sediment	mg/L	29*

OUTFALL 006 (FSDF-2)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

			1/24/2009		2/6/2009	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
Chloride	mg/L	150/-	36	M2*	12	*
Fluoride	mg/L	1.6/-	ANR	ANR	0.27	B*
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	5.8	*	4.6	*
Oil & Grease	mg/L	15/-	ND < 1.3	*	ND < 1.3	*
Perchlorate	ug/L	6.0/-	ANR	ANR	ND < 0.90	*
pH (Field)	pH units	6.5-8.5/-	6.9	*	7.4	*
Sulfate	mg/L	250/-	51	M2*	8.6	*
Temperature	deg. F	86/-	57	*	53	*
Total Cyanide	ug/L	-/-	ANR	ANR	9.6	--
Total Dissolved Solids	mg/L	850/-	260	*	140	*
Hardness	mg/L	-/-	ANR	ANR	22	--
Hardness, dissolved	mg/L	-/-	ANR	ANR	20	--
Total Suspended Solids	mg/L	-/-	ANR	ANR	ND < 1.0	*
Volume Discharged	MGD	17.8/-	0.000815	*	0.03235	*
METALS						
Aluminum	ug/L	-/-	ANR	ANR	920	J (Q)
Aluminum, dissolved	ug/L	-/-	ANR	ANR	160	J (Q)
Antimony	ug/L	6.0/-	0.46	J* (DNQ)	0.58	J* (DNQ)
Antimony, dissolved	ug/L	-/-	0.30	J* (DNQ)	0.41	J* (DNQ)
Arsenic	ug/L	-/-	ANR	ANR	ND < 10	U (B)
Arsenic, dissolved	ug/L	-/-	ANR	ANR	ND < 7.0	U
Beryllium	ug/L	-/-	ANR	ANR	ND < 0.90	U
Beryllium, dissolved	ug/L	-/-	ANR	ANR	ND < 0.90	U
Boron	mg/L	1.0/-	ANR	ANR	0.064	--
Boron, dissolved	mg/L	-/-	ANR	ANR	0.054	--
Cadmium	ug/L	4.0/-	0.18	J * (DNQ)	ND < 0.11	*
Cadmium, dissolved	ug/L	-/-	0.16	J * (DNQ)	ND < 0.11	*
Calcium	mg/L	-/-	ANR	ANR	6.5	--
Calcium, Dissolved	mg/L	-/-	ANR	ANR	6.0	--
Chromium	ug/L	-/-	ANR	ANR	ND < 2.0	U
Chromium, dissolved	ug/L	-/-	ANR	ANR	ND < 2.0	U
Copper	ug/L	14.0/-	2.4	*	2.1	*
Copper, dissolved	ug/L	-/-	1.6	J * (DNQ)	1.0	J* (DNQ)
Iron	mg/L	-/-	ANR	ANR	0.80	--
Iron, dissolved	mg/L	-/-	ANR	ANR	0.11	--
Lead	ug/L	5.2/-	0.77	J * (DNQ)	0.74	J* (DNQ)
Lead, dissolved	ug/L	-/-	ND < 0.30	*	ND < 0.30	*
Magnesium	mg/L	-/-	ANR	ANR	1.4	--
Magnesium, Dissolved	mg/L	-/-	ANR	ANR	1.2	--
Mercury	ug/L	0.13/-	0.05	J (DNQ)	ND < 0.2	U (B)
Mercury, dissolved	ug/L	-/-	ND	U	ND < 0.2	U (B)
Nickel	ug/L	100/-	ANR	ANR	2.2	J (DNQ)
Nickel, dissolved	ug/L	-/-	ANR	ANR	ND < 2.0	U

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

OUTFALL 006 (FSDF-2)

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THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

			1/24/2009		2/6/2009	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
Selenium	ug/L	-/-	ANR	ANR	ND < 8.0	U
Selenium, dissolved	ug/L	-/-	ANR	ANR	ND < 8.0	U
Silver	ug/L	-/-	ANR	ANR	ND < 6.0	U
Silver, dissolved	ug/L	-/-	ANR	ANR	ND < 6.0	U
Thallium	ug/L	2.0/-	0.31	J * (DNQ)	ND < 0.20	*
Thallium, dissolved	ug/L	-/-	ND < 0.20	*	ND < 0.20	C*
Vanadium	ug/L	-/-	ANR	ANR	ND < 3.0	U
Vanadium, dissolved	ug/L	-/-	ANR	ANR	ND < 3.0	U
Zinc	ug/L	-/-	ANR	ANR	ND < 6.0	U
Zinc, dissolved	ug/L	-/-	ANR	ANR	ND < 6.0	U
ORGANICS						
Benzene	ug/L	-/-	ANR	ANR	ND < 0.28	*
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ND < 0.28	*
Chloroform	ug/L	-/-	ANR	ANR	ND < 0.33	*
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ND < 0.40	*
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ND < 0.28	*
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ND < 0.42	*
Ethylbenzene	ug/L	-/-	ANR	ANR	ND < 0.25	*
Tetrachloroethene	ug/L	-/-	ANR	ANR	ND < 0.32	*
Toluene	ug/L	-/-	ANR	ANR	ND < 0.36	*
Xylenes (Total)	ug/L	-/-	ANR	ANR	ND < 0.90	*
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ND < 0.30	*
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ND < 0.30	*
Trichloroethene	ug/L	-/-	ANR	ANR	ND < 0.26	*
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ND < 0.34	*
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR	ND < 0.50	*
Vinyl chloride	ug/L	-/-	ANR	ANR	ND < 0.40	*
ADDITIONAL ANALYTES						
Diazinon	ug/L	-/-	ANR	ANR	ND < 0.24	U
2,4,5-Trichlorophenol	ug/L	-/-	ANR	ANR	ND < 2.8	*
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ND < 0.30	*
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ND < 2.4	*
1,2-Dichlorobenzene (EPA 625)	ug/L	-/-	ANR	ANR	ND < 2.8	*
1,2-Dichlorobenzene (EPA 624)	ug/L	-/-	ANR	ANR	ND < 0.32	*

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SANTA SUSANA FIELD LABORATORY
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			1/24/2009		2/6/2009	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ND < 3.8	*
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ND < 2.8	*
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ND < 2.4	*
Bromodichloromethane	ug/L	-/-	ANR	ANR	ND < 0.30	*
Bromoform	ug/L	-/-	ANR	ANR	ND < 0.40	*
Bromomethane	ug/L	-/-	ANR	ANR	ND < 0.42	*
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ND < 3.8	*
Chlordane	ug/L	-/-	ANR	ANR	ND < 0.038	*
Chlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.36	*
Chloroethane	ug/L	-/-	ANR	ANR	ND < 0.40	*
Chloromethane	ug/L	-/-	ANR	ANR	ND < 0.40	*
Chlorpyrifos	ug/L	-/-	ANR	ANR	ND < 0.10	U
Chronic Toxicity	TUC	1.0/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ND < 0.4	*1.0/hon55.7yug/t
	Chlorobenzene			ug/L	-/-	ANR ANRD
	Chlorobenzene					

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THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
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			1/24/2009		2/6/2009	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
Naphthalene	ug/L	-/-	ANR	ANR	ND < 2.8	*
Nitrobenzene	ug/L	-/-	ANR	ANR	ND < 2.8	*
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ND < 2.4	*
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ND < 3.3	*
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ND < 1.9	*
o-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 1.9	*
p-Cresol	ug/L	-/-	ANR	ANR	ND < 2.8	*
Pentachlorophenol	ug/L	-/-	ANR	ANR	ND < 3.3	*
Phenanthrene	ug/L	-/-	ANR	ANR	ND < 3.3	*
Phenol	ug/L	-/-	ANR	ANR	ND < 1.9	*
p-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 3.8	*
Pyrene	ug/L	-/-	ANR	ANR	ND < 3.8	*
Toxaphene	ug/L	-/-	ANR	ANR	ND < 0.24	*
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ND < 0.30	*
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ND < 0.32	*

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

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FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg
Chloride	mg/L	150/-
Fluoride	mg/L	1.6/-
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-

OUTFALL 006 (FSDF-2)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg
Selenium	ug/L	-/-
Selenium, dissolved	ug/L	-/-
Silver	ug/L	-/-
Silver, dissolved	ug/L	-/-
Thallium	ug/L	2.0/-
Thallium, dissolved	ug/L	-/-
Vanadium	ug/L	-/-
Vanadium, dissolved	ug/L	-/-
Zinc	ug/L	-/-
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	-/-
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-
Vinyl chloride	ug/L	-/-
ADDITIONAL ANALYTES		
Diazinon	ug/L	-/-
2,4,5-Trichlorophenol	ug/L	-/-
1,1,2,2-Tetrachloroethane	ug/L	-/-
1,2,4-Trichlorobenzene	ug/L	-/-
1,2-Dichlorobenzene (EPA 625)	ug/L	-/-
1,2-Dichlorobenzene (EPA 624)	ug/L	-/-
1,2-Dichloropropane	ug/L	-/-
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-
1,3-Dichlorobenzene (EPA 625)	ug/L	-/-
1,3-Dichlorobenzene (EPA 624)	ug/L	-/-
1,4-Dichlorobenzene (EPA 624)	ug/L	-/-
1,4-Dichlorobenzene (EPA 625)	ug/L	-/-
2,4,6-Trichlorophenol	ug/L	-/-
2,4-Dichlorophenol	ug/L	-/-
2,4-Dimethylphenol	ug/L	-/-
2,4-Dinitrophenol	ug/L	-/-

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THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

			2/13/2009	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
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-Methylnaphthalene	ug/L	-/-	ANR	ANR
2-Methylphenol	ug/L	-/-	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR
4-Chloroaniline	ug/L	-/-	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR
Acenaphthylene	ug/L	-/-	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR
Aniline	ug/L	-/-	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR
Benzo(g,h,I)perylene	ug/L	-/-	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR
Benzoic acid	ug/L	-/-	ANR	ANR
Benzyl alcohol	ug/L	-/-	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR

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

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FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

			2/13/2009	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Naphthalene	ug/L	-/-	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR
o-Nitroaniline	ug/L	-/-	ANR	ANR
p-Cresol	ug/L	-/-	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR
p-Nitroaniline	ug/L	-/-	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR

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

OUTFALL 006 (FSDF-2)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date February 6, 2009

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER

OUTFALL 006 (FSDF-2)

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THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/24/2009 Result	1/24/2009 CONCENTRATION RESULT VALIDATION QUALIFIER	2/6/2009 Result	2/6/2009 CONCENTRATION RESULT VALIDATION QUALIFIER
Chloride	LBS/DAY	22,268/-	0.24	M2*	3.24	*
Fluoride	LBS/DAY	238/-	ANR	ANR	0.07	B*

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THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
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January 1 through March 31, 2009

			2/13/2009	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**Result**	**CONCENTRATION RESULT VALIDATION QUALIFIER**
Chloride	LBS/DAY	22,268/-	0.36	*
Fluoride	LBS/DAY	238/-	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,485/-	0.10	*
Oil & Grease	LBS/DAY	2,227/-	0.10	J* (DNQ)
Perchlorate	LBS/DAY	0.89/-	ANR	ANR
Sulfate	LBS/DAY	37,113/-	0.28	*
Total Dissolved Solids	LBS/DAY	126,184/-	6.48	*
Antimony	LBS/DAY	0.89/-	0.00001	J* (DNQ)
Boron	LBS/DAY	148/-	ANR	ANR
Cadmium	LBS/DAY	0.59/-	0.000005	J* (DNQ)
Copper	LBS/DAY	2.08/-	0.00031	*
Lead	LBS/DAY	0.77/-	0.0001	*
Mercury	LBS/DAY	0.02/-	ND	U
Nickel	LBS/DAY	14.9/-	ANR	ANR
Thallium	LBS/DAY	0.3/-	ND	C*
TCDD TEQ_NoDNQ	LBS/DAY	4.2E-09/-	4.1E-13	--

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

BMP EFFECTIVENESS
OUTFALL 006 (FSDF-2)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

SAMPLE NAME	SAMPLE DATE	ANALYTE	UNITS	RESULT
006 EFF-1	01/24/09	Density	g/cc	1.0*
006 EFF-1	01/24/09	Sediment	mg/L	ND <10*
006 EFF-2	01/24/09	Density	g/cc	1.0*
006 EFF-2	01/24/09	Sediment	mg/L	ND <10*
006 EFF-3	01/24/09	Density	g/cc	0.99*
006 EFF-3	01/24/09	Sediment	mg/L	ND <10*
006 EFF-4	01/24/09	Density	g/cc	1.0*
006 EFF-4	01/24/09	Sediment	mg/L	ND <10*
006 EFF-5	01/24/09	Density	g/cc	0.99*
006 EFF-5	01/24/09	Sediment	mg/L	ND <10*
006 EFF-1	02/05/09	Density	g/cc	1.0*
006 EFF-1	02/05/09	Sediment	mg/L	52*
006 EFF-2	02/05/09	Density	g/cc	1.0*
006 EFF-2	02/05/09	Sediment	mg/L	56*
006 EFF-3	02/05/09	Density	g/cc	1.0*
006 EFF-3	02/05/09	Sediment	mg/L	32*
006 EFF-4	02/05/09	Density	g/cc	0.99*
006 EFF-4	02/05/09	Sediment	mg/L	27*
006 EFF-5	02/05/09	Density	g/cc	0.99*
006 EFF-5	02/05/09	Sediment	mg/L	22*
006 EFF-6	02/05/09	Density	g/cc	1.0*
006 EFF-6	02/05/09	Sediment	mg/L	15*
006 EFF-7	02/06/09	Density	g/cc	1.0*
006 EFF-7	02/06/09	Sediment	mg/L	19*
006 EFF-8	02/06/09	Density	g/cc	1.0*
006 EFF-8	02/06/09	Sediment	mg/L	16*
006 EFF-1	02/13/09	Density	g/cc	1.0*
006 EFF-1	02/13/09	Sediment	mg/L	ND <10*
006 EFF-2	02/13/09	Density	g/cc	1.0*
006 EFF-2	02/13/09	Sediment	mg/L	21*
006 EFF-3	02/13/09	Density	g/cc	1.0*
006 EFF-3	02/13/09	Sediment	mg/L	ND <10*
006 EFF-4	02/13/09	Density	g/cc	1.0*
006 EFF-4	02/13/09	Sediment	mg/L	14*
006 EFF-5	02/13/09	Density	g/cc	1.0*
006 EFF-5	02/13/09	Sediment	mg/L	ND <10*
006 EFF-6	02/13/09	Density	g/cc	1.0*

BMP EFFECTIVENESS
OUTFALL 006 (FSDF-2)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

SAMPLE NAME	SAMPLE DATE	ANALYTE	UNITS	RESULT
006 EFF-6	02/13/09	Sediment	mg/L	ND <10*
006 EFF-7	02/13/09	Density	g/cc	1.0*
006 EFF-7	02/13/09	Sediment	mg/L	ND <10*
006 EFF-8	02/13/09	Density	g/cc	1.0*
006 EFF-8	02/13/09	Sediment	mg/L	ND <10*
006 EFF-9	02/13/09	Density	g/cc	1.0*
006 EFF-9	02/13/09	Sediment	mg/L	ND <10*
006 EFF-10	02/13/09	Density	g/cc	1.0*
006 EFF-10	02/13/09	Sediment	mg/L	ND <10*

OUTFALL 008 (Happy Valley Drainage)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	2/16/2009 RESULT	VALIDATION QUALIFIER
Asbestos	MFL	-/-	ND < 11	U
Ammonia as Nitrogen (N)	mg/L	10.1/-	1.1	*
Chloride	mg/L	150/-	8.0	*
Fluoride	mg/L	1.6/-	0.23	B*
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	1.9	*
Nitrate as Nitrogen (N)	mg/L	8.0/-	1.9	*
Nitrite-N	mg/L	1.0/-	ND < 0.090	*
Oil & Grease	mg/L	15/-	1.8	Ja* (DNQ)
Perchlorate	ug/L	6.0/-	2.5	Ja* (DNQ)
pH (Field)	pH units	6.5-8.5/-	7.1	*
Sulfate	mg/L	300/-	10	*
Temperatura-34.341 4n, QuFluoride	ug/9LN)			mg/L

OUTFALL 008 (Happy Valley Drainage)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
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January 1 through March 31, 2009

			2/16/2009	
ANALYTE	**UNITS**	**Benchmark Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Mercury	ug/L	0.13/-	0.029	J (Q)
Mercury, dissolved	ug/L	-/-	ND < 0.027	U
Nickel	ug/L	100/-	3.5	J (DNQ)
Nickel, dissolved	ug/L	-/-	ND < 2.0	U
Selenium	ug/L	-/-	ND < 0.30	*
Selenium, dissolved	ug/L	-/-	0.68	Ja* (DNQ)
Silver	ug/L	-/-	ND < 6.0	U
Silver, dissolved	ug/L	-/-	ND < 6.0	U
Thallium	ug/L	2.0/-	ND < 0.20	C*
Thallium, dissolved	ug/L	-/-	ND < 0.20	C*
Vanadium	ug/L	-/-	6.8	J (DNQ)
Vanadium, dissolved	ug/L	-/-	ND < 3.0	U
Zinc	ug/L	159/-	14	J (DNQ)
Zinc, dissolved	ug/L	-/-	ND < 20	UJ (B,*III)
ORGANICS				
Benzene	ug/L	-/-	ND < 0.28	*
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	*
Chloroform	ug/L	-/-	ND < 0.33	*
1,1-Dichloroethane	ug/L	-/-	ND < 0.40	*
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	*
1,1-Dichloroethene	ug/L	-/-	ND < 0.42	*
Ethylbenzene	ug/L	-/-	ND < 0.25	*
Tetrachloroethene	ug/L	-/-	ND < 0.32	*
Toluene	ug/L	-/-	ND < 0.36	*
Xylenes (Total)	ug/L	-/-	ND < 0.90	*
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	*
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	*
Trichloroethene	ug/L	-/-	ND < 0.26	*
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	*
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ND < 0.50	*
Vinyl chloride	ug/L	-/-	ND < 0.40	*
ADDITIONAL ANALYTES				
Diazinon	ug/L	-/-	ND < 0.24	U
2,4,5-Trichlorophenol	ug/L	-/-	ND < 2.9	*
1,1,2,2-Tetrachloroethane	ug/L	-/-	ND < 0.30	*
1,2,4-Trichlorobenzene	ug/L	-/-	ND < 2.4	*
1,2-Dichlorobenzene (EPA 625)	ug/L	-/-	ND < 2.9	*
1,2-Dichlorobenzene (EPA 624)	ug/L	-/-	ND < 0.32	*
1,2-Dichloropropane	ug/L	-/-	ND < 0.35	*
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ND < 2.4	*
1,3-Dichlorobenzene (EPA 625)	ug/L	-/-	ND < 2.9	*
1,3-Dichlorobenzene (EPA 624)	ug/L	-/-	ND < 0.35	*
1,4-Dichlorobenzene (EPA 625)	ug/L	-/-	ND < 2.4	*
1,4-Dichlorobenzene (EPA 624)	ug/L	-/-	ND < 0.37	*

OUTFALL 008 (Happy Valley Drainage)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

			2/16/2009	
ANALYTE	**UNITS**	**Benchmark Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
2,4,6-Trichlorophenol	ug/L	-/-	ND < 4.3	*
2,4-Dichlorophenol	ug/L	-/-	ND < 3.3	*
2,4-Dimethylphenol	ug/L	-/-	ND < 3.3	*
2,4-Dinitrophenol	ug/L	-/-	ND < 7.7	*
2,4-Dinitrotoluene	ug/L	-/-	ND < 3.3	*
2,6-Dinitrotoluene	ug/L	-/-	ND < 1.9	*
2-Chloroethylvinylether	ug/L	-/-	ND < 1.8	*

OUTFALL 008 (Happy Valley Drainage)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
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January 1 through March 31, 2009

			2/16/2009	
ANALYTE	**UNITS**	**Benchmark Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Benzoic acid	ug/L	-/-	ND < 9.6	*
Benzyl alcohol	ug/L	-/-	ND < 3.3	*
beta-BHC	ug/L	-/-	0.0052	J (DNQ, C)
bis (2-Chloroethyl) ether	ug/L	-/-	ND < 2.9	*
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ND < 3.8	*
bis(2-Chloroethoxy) methane	ug/L	-/-	ND < 2.9	*
bis(2-Chloroisopropyl) ether	ug/L	-/-	ND < 2.4	*
Bromodichloromethane	ug/L	-/-	ND < 0.30	*
Bromoform	ug/L	-/-	ND < 0.40	*
Bromomethane	ug/L	-/-	ND < 0.42	*
Butylbenzylphthalate	ug/L	-/-	ND < 3.8	*
Chlordane	ug/L	-/-	ND < 0.038	U
Chlorobenzene	ug/L	-/-	ND < 0.36	*
Chloroethane	ug/L	-/-	ND < 0.40	*
Chloromethane	ug/L	-/-	ND < 0.40	*
Chlorpyrifos	ug/L	-/-	ND < 0.10	U
Chronic Toxicity	TUC	1.0/-	1.0	*
Chrysene	ug/L	-/-	ND < 2.4	*
cis-1,3-Dichloropropene	ug/L	-/-	ND < 0.22	L*
delta-BHC	ug/L	-/-	ND < 0.0033	UJ (C)
Dibenzo(a,h)anthracene	ug/L	-/-	ND < 2.9	*
Dibenzofuran	ug/L	-/-	ND < 3.8	*
01.228f51loromethane	ug/L	-/-	ND < 0.307.924 0 Td[(-/-)-44.569 ug/L	270rinta-BHCu-

OUTFALL 008 (Happy Valley Drainage)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
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January 1 through March 31, 2009

			2/16/2009	
ANALYTE	**UNITS**	**Benchmark Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Lindane (gamma-BHC)	ug/L	-/-	ND < 0.0029	UJ (C)
Methoxychlor	ug/L	-/-	ND < 0.0033	U
Methylene Chloride	ug/L	-/-	ND < 0.95	*
m-Nitroaniline	ug/L	-/-	ND < 2.9	*
Naphthalene	ug/L	-/-	ND < 2.9	*
Nitrobenzene	ug/L	-/-	ND < 2.9	*
n-Nitrosodimethylamine	ug/L	-/-	ND < 2.4	*
n-Nitroso-di-n-propylamine	ug/L	-/-	ND < 3.3	*
n-Nitrosodiphenylamine	ug/L	-/-	ND < 1.9	*
o-Nitroaniline	ug/L	-/-	ND < 1.9	*
p-Cresol	ug/L	-/-	ND < 2.9	*
Pentachlorophenol	ug/L	-/-	ND < 3.3	*
Phenanthrene	ug/L	-/-	ND < 3.3	*
Phenol	ug/L	-/-	ND < 1.9	*
p-Nitroaniline	ug/L	-/-	ND < 3.8	*
Pyrene	ug/L	-/-	ND < 3.8	*
Toxaphene	ug/L	-/-	ND < 0.24	U
trans-1,2-Dichloroethene	ug/L	-/-	ND < 0.30	*
trans-1,3-Dichloropropene	ug/L	-/-	ND < 0.32	*

OUTFALL 008 (Happy Valley Drainage)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY

OUTFALL 008 (Happy Valley Drainage)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

			2/16/2009	
ANALYTE	**UNITS**	**Benchmark Limit Daily Max/Monthly Avg**	**Result**	**CONCENTRATION RESULT VALIDATION QUALIFIER**
Ammonia as Nitrogen (N)	LBS/DAY	1,500/-	1.20	*
Chloride	LBS/DAY	22,268/-	8.76	*
Fluoride	LBS/DAY	238/-	0.25	B*
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,188/-	2.08	*
Nitrate as Nitrogen (N)	LBS/DAY	1,190/-	2.08	*
Nitrite-N	LBS/DAY	148/-	ND	*
Oil & Grease	LBS/DAY	2227/-	1.97	Ja* (DNQ)
Perchlorate	LBS/DAY	0.89/-	0.003	Ja* (DNQ)
Sulfate	LBS/DAY	44,536/-	10.95	*
Total Dissolved Solids	LBS/DAY	141,029/-	153.29	*
Antimony	LBS/DAY	0.89/-	0.0004	Ja* (DNQ)
Boron	LBS/DAY	148/-	0.07	--
Cadmium	LBS/DAY	0.46/-	ND	*
Copper	LBS/DAY	2.08/-	0.004	*
Lead	LBS/DAY	0.77/-	0.003	*
Mercury	LBS/DAY	0.02/-	0.00003	J (Q)
Nickel	LBS/DAY	14.9/-	0.004	J (DNQ)
Thallium	LBS/DAY	0.3/-	ND	C*
Zinc	LBS/DAY	23.6/-	0.02	J (DNQ)
TCDD TEQ_NoDNQ	LBS/DAY	4.2E-09/-	1.6E-11	--

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

OUTFALL 009 (WS-13 Drainage)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

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ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	1/5/2009 RESULT	1/5/2009 VALIDATION QUALIFIER	2/6/2009 RESULT	2/6/2009 VALIDATION QUALIFIER
Asbestos	MFL	-/-	ANR	ANR	ND < 11	U
Chloride	mg/L	150/-	74	*	5.0	*
Dissolved Oxygen	mg/L	-/-	ANR	ANR	8.5	J (H)
Fluoride	mg/L	1.6/-	ANR	ANR	0.17	B*
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	1.5	*	0.68	*
Oil & Grease	mg/L	15/-	ND < 1.3	*	ND < 1.3	*

OUTFALL 009 (WS-13 Drainage)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	1/5/2009 RESULT	1/5/2009 VALIDATION QUALIFIER	2/6/2009 RESULT	2/6/2009 VALIDATION QUALIFIER

OUTFALL 009 (WS-13 Drainage)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

			1/5/2009		2/6/2009	
ANALYTE	**UNITS**	**Benchmark Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ND < 3.3	*
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ND < 3.3	*
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ND < 7.5	*
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ND < 3.3	*
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ND < 1.9	*
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ND < 1.8	*
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ND < 2.8	*
2-Chlorophenol	ug/L	-/-	ANR	ANR	ND < 2.8	*
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ND < 3.8	*
2-Methylnaphthalene	ug/L	-/-	ANR	ANR	ND < 1.9	*
2-Methylphenol	ug/L	-/-	ANR	ANR	ND < 2.8	*
2-Nitrophenol	ug/L	-/-	ANR	ANR	ND < 3.3	*
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ND < 7.1	*
4,4'-DDD	ug/L	-/-	ANR	ANR	ND < 0.0019	*
4,4'-DDE	ug/L	-/-	ANR	ANR	ND < 0.0028	*
4,4'-DDT	ug/L	-/-	ANR	ANR	ND < 0.0038	*
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ND < 2.8	*
4-Chloro-3-methylphenol						

OUTFALL 009 (WS-13 Drainage)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

			1/5/2009		2/6/2009	
ANALYTE	**UNITS**	**Benchmark Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
Benzyl alcohol	ug/L	-/-	ANR	ANR	ND < 3.3	*
beta-BHC	ug/L	-/-	ANR	ANR	ND < 0.0038	*
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ND < 2.8	*
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ND < 3.8	*
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ND < 2.8	*
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ND < 2.4	*
Bromodichloromethane	ug/L	-/-	ANR	ANR	ND < 0.30	*
Bromoform	ug/L	-/-	ANR	ANR	ND < 0.40	*
Bromomethane	ug/L	-/-	ANR	ANR	ND < 0.42	*
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ND < 3.8	*
Chlordane	ug/L	-/-	ANR	ANR	ND < 0.038	*
Chlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.36	*
Chloroethane	ug/L	-/-	ANR	ANR	ND < 0.40	*
Chloromethane	ug/L	-/-	ANR	ANR	ND < 0.40	*
Chlorpyrifos	ug/L	-/-	ANR	ANR	ND < 0.21	U
Chronic Toxicity	TUC	1.0/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ND < 2.4	*
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ND < 0.22	L*
delta-BHC	ug/L	-/-	ANR	ANR	ND < 0.0033	*
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ND < 2.8	*
Dibenzofuran	ug/L	-/-	ANR	ANR	ND < 3.8	*
Dibromochloromethane	ug/L	-/-	ANR	ANR	ND < 0.40	*
Dieldrin	ug/L	-/-	ANR	ANR	ND < 0.0019	*
Diethylphthalate	ug/L	-/-	ANR	ANR	ND < 3.3	*
Dimethylphthalate	ug/L	-/-	ANR	ANR	ND < 2.4	*
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ND < 2.8	*
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ND < 3.3	*
Endosulfan I	ug/L	-/-	ANR	ANR	ND < 0.0019	*
Endosulfan II	ug/L	-/-	ANR	ANR	ND < 0.0028	*
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ND < 0.0028	*
Endrin	ug/L	-/-	ANR	ANR	ND < 0.0019	*
Endrin aldehyde	ug/L	-/-	ANR	ANR	ND < 0.0019	*
Endrin ketone	ug/L	-/-	ANR	ANR	ND < 0.0028	*
Fluoranthene	ug/L	-/-	ANR	ANR	ND < 2.8	*
Fluorene	ug/L	-/-	ANR	ANR	ND < 2.8	*
Heptachlor	ug/L	-/-	ANR	ANR	ND < 0.0028	*
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ND < 0.0024	*
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ND < 2.8	*
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ND < 3.8	*
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ND < 4.7	*
Hexachloroethane	ug/L	-/-	ANR	ANR	ND < 3.3	*
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ND < 3.3	*
Isophorone	ug/L	-/-	ANR	ANR	ND < 2.8	*
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ND < 0.0028	*

OUTFALL 009 (WS-13 Drainage)

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THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

			1/5/2009		2/6/2009	
ANALYTE	**UNITS**	**Benchmark Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
Methoxychlor	ug/L	-/-	ANR	ANR	ND < 0.0033	*
Methylene Chloride	ug/L	-/-	ANR	ANR	ND < 0.95	*
m-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 2.8	*
Naphthalene	ug/L	-/-	ANR	ANR	ND < 2.8	*
Nitrobenzene	ug/L	-/-	ANR	ANR	ND < 2.8	*
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ND < 2.4	*
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ND < 3.3	*
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ND < 1.9	*
o-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 1.9	*
p-Cresol	ug/L	-/-	ANR	ANR	ND < 2.8	*
Pentachlorophenol	ug/L	-/-	ANR	ANR	ND < 3.3	*
Phenanthrene	ug/L	-/-	ANR	ANR	ND < 3.3	*
Phenol	ug/L	-/-	ANR	ANR	ND < 1.9	*
p-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 3.8	*
Pyrene	ug/L	-/-	ANR	ANR	ND < 3.8	*
Toxaphene	ug/L	-/-	ANR	ANR	ND < 0.24	*
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ND < 0.30	*
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ND < 0.32	*

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

OUTFALL 009 (WS-13 Drainage)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
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January 1 through March 31, 2009

			2/13/2009	
ANALYTE	**UNITS**	**Benchmark Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Asbestos	MFL	-/-	ANR	ANR
Chloride	mg/L	150/-	1.9	*
Dissolved Oxygen	mg/L	-/-	ANR	ANR
Fluoride	mg/L	1.6/-	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	0.19	J* (DNQ)
Oil & Grease	mg/L	15/-	ND < 1.3	*
Perchlorate	ug/L	6.0/-	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	6.7	*
Sulfate	mg/L	250/-	3.4	*
Temperature	deg. F	86/-	45	*
Total Cyanide	ug/L	-/-	ANR	ANR
Total Dissolved Solids	mg/L	850/-	40	*
Hardness	mg/L	-/-	ANR	ANR
Hardness, dissolved	mg/L	-/-	ANR	ANR
Total Suspended Solids	mg/L	-/-	ANR	ANR
Turbidity	NTU	-/-	ANR	ANR
Volume Discharged	MGD	17.8/-	0.104145	*
METALS				
Aluminum	ug/L	-/-	ANR	ANR
Aluminum, dissolved	ug/L	-/-	ANR	ANR
Antimony	ug/L	6.0/-	0.34	J* (DNQ)
Antimony, dissolved	ug/L	-/-	ND < 0.20	*
Arsenic	ug/L	-/-	ANR	ANR
Arsenic, dissolved	ug/L	-/-	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR
Beryllium, dissolved	ug/L	-/-	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR
Boron, dissolved	mg/L	-/-	ANR	ANR
Cadmium	ug/L	4.0/-	0.17	J* (DNQ)
Cadmium, dissolved	ug/L	-/-	ND < 0.11	C*
Calcium	mg/L	-/-	ANR	ANR
Calcium, Dissolved	mg/L	-/-	ANR	ANR
Chromium	ug/L	-/-	ANR	ANR
Chromium, dissolved	ug/L	-/-	ANR	ANR
Copper	ug/L	14.0/-	7.6	*
Copper, dissolved	ug/L	-/-	1.4	J* (DNQ)
Iron	mg/L	-/-	ANR	ANR
Iron, dissolved	mg/L	-/-	ANR	ANR
Lead	ug/L	5.2/-	20	*
Lead, dissolved	ug/L	-/-	0.33	J* (DNQ)
Magnesium	mg/L	-/-	ANR	ANR
Magnesium, Dissolved	mg/L	-/-	ANR	ANR
Mercury	ug/L	0.13/-	ND < 0.027	U

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

OUTFALL 009 (WS-13 Drainage)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

OUTFALL 009 (WS-13 Drainage)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

			2/13/2009	
ANALYTE	**UNITS**	**Benchmark Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR
2-Methylnaphthalene	ug/L	-/-	ANR	ANR
2-Methylphenol	ug/L	-/-	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR
4-Chloroaniline	ug/L	-/-	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR
Acenaphthylene	ug/L	-/-	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR
Aniline	ug/L	-/-	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR
Benzo(g,h,I)perylene	ug/L	-/-	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR
Benzoic acid	ug/L	-/-	ANR	ANR

OUTFALL 009 (WS-13 Drainage)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

			2/13/2009	
ANALYTE	**UNITS**	**Benchmark Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Benzyl alcohol	ug/L	-/-	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	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
Chlorpyrifos	ug/L	-/-	ANR	ANR
Chronic Toxicity	TUC	1.0/-	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR
Dibenzofuran	ug/L	-/-	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR
Endrin ketone	ug/L	-/-	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR

OUTFALL 009 (WS-13 Drainage)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

			2/13/2009	
ANALYTE	**UNITS**	**Benchmark Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Methoxychlor	ug/L	-/-	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR
m-Nitroaniline	ug/L	-/-	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR
o-Nitroaniline	ug/L	-/-	ANR	ANR
p-Cresol	ug/L	-/-	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR
p-Nitroaniline	ug/L	-/-	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR

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

OUTFALL 009 (WS-13 Drainage)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date February 6, 2009

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER		1998 WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	8.77E-05	--		0.01	**8.8E-07**	**8.8E-07**
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.50E-05	1.77E-05	J (DNQ)		0.01	**1.8E-07**	**ND**
1,2,3,4,7,8,9-HpCDF	2.55E-06	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,7,8-HxCDD	0.00E+00	2.50E-05	2.63E-06	J (DNQ)		0.1	**2.6E-07**	**ND**
1,2,3,4,7,8-HxCDF	8.81E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDD	0.00E+00	2.50E-05	4.47E-06	J (DNQ)		0.1	**4.5E-07**	**ND**
1,2,3,6,7,8-HxCDF	9.01E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDD	0.00E+00	2.50E-05	3.50E-06	J (DNQ)		0.1	**3.5E-07**	**ND**
1,2,3,7,8,9-HxCDF	1.32E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8-PeCDD	1.23E-06	2.50E-05	ND	U		1	**ND**	**ND**
1,2,3,7,8-PeCDF	6.77E-07	2.50E-05	ND	U		0.05	**ND**	**ND**
2,3,4,6,7,8-HxCDF	8.16E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
2,3,4,7,8-PeCDF	6.71E-07	2.50E-05	ND	U		0.5	**ND**	**ND**
2,3,7,8-TCDD	4.55E-07	5.00E-06	ND	U		1	**ND**	**ND**
2,3,7,8-TCDF	5.92E-07	5.00E-06	ND	U		0.1	**ND**	**ND**
OCDD	0.00E+00	5.00E-05	7.78E-04	--		0.0001	**7.8E-08**	**7.8E-08**
OCDF	0.00E+00	5.00E-05	3.57E-05	J (DNQ)		0.0001	**3.6E-09**	**ND**

TCDD TEQ w/ DNQ Values	**2.2E-06**	
TCDD TEQ w/out DNQ Values		**9.5E-07**

Dioxin TCDD TEQ benchmark limit established for this outfall? Yes **TCDD TEQ BENCHMARK LIMIT = 2.8E-08**

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

OUTFALL 009 (WS-13 Drainage)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date February 13, 2009

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	7.04E-04	--	0.01	**7.0E-06**	**7.0E-06**
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.50E-05	1.22E-04	--	0.01	**1.2E-06**	**1.2E-06**
1,2,3,4,7,8,9-HpCDF	0.00E+00	8.88E-06	ND	UJ (*III)	0.01	**ND**	**ND**
1,2,3,4,7,8-HxCDD	0.00E+00	2.50E-05	ND	UJ (*III)	0.1	**ND**	**ND**
1,2,3,4,7,8-HxCDF	0.00E+00	2.50E-05	4.11E-06	J (DNQ)	0.1	**4.1E-07**	**ND**
1,2,3,6,7,8-HxCDD	0.00E+00	2.50E-05	2.80E-05	--	0.1	**2.8E-06**	**2.8E-06**
1,2,3,6,7,8-HxCDF	0.00E+00	2.50E-05	4.45E-06	J (DNQ)	0.1	**4.5E-07**	**ND**
1,2,3,7,8,9-HxCDD	0.00E+00	2.50E-05	2.29E-05	J (DNQ)	0.1	**2.3E-06**	**ND**
1,2,3,7,8,9-HxCDF	2.20E-06	2.50E-05	ND	U	0.1	**ND**	**ND**
1,2,3,7,8-PeCDD	0.00E+00	2.50E-05	ND	UJ (*III)	1	**ND**	**ND**
1,2,3,7,8-PeCDF	2.42E-06	2.50E-05	ND	U	0.05	**ND**	**ND**
2,3,4,6,7,8-HxCDF	0.00E+00	2.50E-05	5.08E-06	J (DNQ)	0.1	**5.1E-07**	**ND**
2,3,4,7,8-PeCDF	2.24E-06	2.50E-05	ND	U	0.5	**ND**	**ND**
2,3,7,8-TCDD	0.00E+00	5.00E-06	1.36E-06	J (DNQ)	1	**1.4E-06**	**ND**
2,3,7,8-TCDF	1.06E-06	5.00E-06	ND	U	0.1	**ND**	**ND**
OCDD	0.00E+00	5.00E-05	1.12E-02	--	0.0001	**1.1E-06**	**1.1E-06**
OCDF	0.00E+00	5.00E-05	6.60E-04	--	0.0001	**6.6E-08**	**6.6E-08**
TCDD TEQ w/ DNQ Values						**1.7E-05**	
TCDD TEQ w/out DNQ Values							**1.2E-05**

Dioxin TCDD TEQ benchmark limit established for this outfall? Yes **TCDD TEQ BENCHMARK LIMIT = 2.8E-08**

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

OUTFALL 009 (WS-13 Drainage)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	1/5/2009 Result	1/5/2009 CONCENTRATION RESULT VALIDATION QUALIFIER	2/6/2009 Result	2/6/2009 CONCENTRATION RESULT VALIDATION QUALIFIER
Chloride	LBS/DAY	22,268/-	25.66	*	29.20	*
Fluoride	LBS/DAY	238/-	ANR	ANR	0.99	B*
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,485/-	0.52	*	3.97	*
Oil & Grease	LBS/DAY	2,227/-	ND	*	ND	*
Perchlorate	LBS/DAY	0.89/-	ANR	ANR	ND	*
Sulfate	LBS/DAY	37,113/-	22.88	*	29.78	*
Total Dissolved Solids	LBS/DAY	126,184/-	117.88	*	420.49	*
Antimony	LBS/DAY	0.89/-	0.0001	J* (DNQ)	ND	U (B)
Boron	LBS/DAY	148/-	ANR	ANR	0.20	J (DNQ)
Cadmium	LBS/DAY	0.59/-	ND	*	0.001	J (DNQ)
Copper	LBS/DAY	2.08/-	0.001	*	0.038	--
Lead	LBS/DAY	0.77/-	0.001	*	0.044	--
Mercury	LBS/DAY	0.02/-	ND	U	ND	U (B)
Nickel	LBS/DAY	14.9/-	ANR	ANR	0.03	J (DNQ)
Thallium	LBS/DAY	0.3/-	ND	*	ND	U
TCDD TEQ_NoDNQ	LBS/DAY	4.2E-09/-	2.1E-12	--	5.6E-09	--

OUTFALL 009 (WS-13 Drainage)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

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ANALYTE

OUTFALL 010 (Building 203)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

			1/24/2009		2/6/2009	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
Chloride	mg/L	150/-	25	*	27	*
Fluoride	mg/L	1.6/-	ANR	ANR	0.22	B*
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	1.1	*	1.7	*
Oil & Grease	mg/L	15/-	ND < 1.3	*	ND < 1.3	*
Perchlorate	ug/L	6.0/-	ANR	ANR	ND < 0.90	*
pH (Field)	pH units	6.5-8.5/-	7.0	*	7.5	*
Sulfate	mg/L	250/-	16	*	23	*
Temperature	deg. F	86/-	55	*	53	*
Total Cyanide	ug/L	-/-	ANR	ANR	ND < 2.2	*
Total Dissolved Solids	mg/L	850/-	180	*	210	*
Hardness	mg/L	-/-	ANR	ANR	95	--
Hardness, dissolved	mg/L	-/-	ANR	ANR	92	--
Total Suspended Solids	mg/L	-/-	ANR	ANR	4.0	J (DNQ)
Volume Discharged	MGD	17.8/-	0.000715	*	0.00604	*
METALS						
Aluminum	ug/L	-/-	ANR	ANR	360	J (Q)
Aluminum, dissolved	ug/L	-/-	ANR	ANR	ND < 40	U
Antimony	ug/L	6.0/-	0.51	J* (DNQ)	ND < 2.0	U (B)
Antimony, dissolved	ug/L	-/-	0.45	J* (DNQ)	ND < 2.0	U (B)
Arsenic	ug/L	-/-	ANR	ANR	ND < 7.0	U
Arsenic, dissolved	ug/L	-/-	ANR	ANR	ND < 7.0	U
Beryllium	ug/L	-/-	ANR	ANR	ND < 0.90	U
Beryllium, dissolved	ug/L	-/-	ANR	ANR	ND < 0.90	U
Boron	mg/L	1.0/-	ANR	ANR	ND < 0.020	U
Boron, dissolved	mg/L	-/-	ANR	ANR	ND < 0.020	U
Cadmium	ug/L	4.0/-	ND < 0.11	*	ND < 0.11	U
Cadmium, dissolved	ug/L	-/-	ND < 0.11	*	ND < 0.11	U
Calcium	mg/L	-/-	ANR	ANR	30	--
Calcium, Dissolved	mg/L	-/-	ANR	ANR	29	--
Chromium	ug/L	-/-	ANR	ANR	ND < 2.0	U
Chromium, dissolved	ug/L	-/-	ANR	ANR	ND < 2.0	U
Copper	ug/L	14.0/-	2.7	*	1.1	J (DNQ)
Copper, dissolved	ug/L	-/-	1.4	J* (DNQ)	0.88	J (DNQ)
Iron	mg/L	-/-	ANR	ANR	0.39	--
Iron, dissolved	mg/L	-/-	ANR	ANR	ND < 0.015	U
Lead	ug/L	5.2/-	1.0	*	ND < 0.30	U
Lead, dissolved	ug/L	-/-	ND < 0.30	*	ND < 0.30	U
Magnesium	mg/L	-/-	ANR	ANR	5.2	--
Magnesium, Dissolved	mg/L	-/-	ANR	ANR	5.0	--
Mercury	ug/L	0.13/-	0.084	J (DNQ)	ND < 0.2	U (B)
Mercury, dissolved	ug/L	-/-	0.033	J (DNQ)	ND < 0.2	U (B)
Nickel	ug/L	100/-	ANR	ANR	ND < 2.0	U
Nickel, dissolved	ug/L	-/-	ANR	ANR	ND < 2.0	U
Selenium	ug/L	-/-	ANR	ANR	ND < 8.0	U
Selenium, dissolved	ug/L	-/-	ANR	ANR	ND < 8.0	U

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

OUTFALL 010 (Building 203)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/24/2009 RESULT	1/24/2009 ViCsBDATION	2/6/2009

OUTFALL 010 (Building 203)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/24/2009		2/6/2009	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER

OUTFALL 010 (Building 203)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

			1/24/2009		2/6/2009	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ND < 3.8	*
Chlordane	ug/L	-/-	ANR	ANR	ND < 0.038	*
Chlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.36	*
Chloroethane	ug/L	-/-	ANR	ANR	ND < 0.40	*
Chloromethane	ug/L	-/-	ANR	ANR	ND < 0.40	*
Chlorpyrifos	ug/L	-/-	ANR	ANR	ND < 0.10	U
Chronic Toxicity	TUC	1.0/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ND < 2.4	*
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ND < 0.22	L*
delta-BHC	ug/L	-/-	ANR	ANR	ND < 0.0033	*
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ND < 2.8	*
Dibenzofuran	ug/L	-/-	ANR	ANR	ND < 3.8	*
Dibromochloromethane	ug/L	-/-	ANR	ANR	ND < 0.40	*
Dieldrin	ug/L	-/-	ANR	ANR	ND < 0.0019	*
Diethylphthalate	ug/L	-/-	ANR	ANR	ND < 3.3	*
Dimethylphthalate	ug/L	-/-	ANR	ANR	ND < 2.4	*
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ND < 2.8	*
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ND < 3.3	*
Endosulfan I	ug/L	-/-	ANR	ANR	ND < 0.0019	*
Endosulfan II	ug/L	-/-	ANR	ANR	ND < 0.0028	*
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ND < 0.0028	*
Endrin	ug/L	-/-	ANR	ANR	ND < 0.0019	*
Endrin aldehyde	ug/L	-/-	ANR	ANR	ND < 0.0019	*
Endrin ketone	ug/L	-/-	ANR	ANR	ND < 0.0028	*
Fluoranthene	ug/L	-/-	ANR	ANR	ND < 2.8	*
Fluorene	ug/L	-/-	ANR	ANR	ND < 2.8	*
Heptachlor	ug/L	-/-	ANR	ANR	ND < 0.0028	*
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ND < 0.0024	*
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ND < 2.8	*
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ND < 3.8	*
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ND < 4.7	*
Hexachloroethane	ug/L	-/-	ANR	ANR	ND < 3.3	*
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ND < 3.3	*
Isophorone	ug/L	-/-	ANR	ANR	ND < 2.8	*
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ND < 0.0028	*
Methoxychlor	ug/L	-/-	ANR	ANR	ND < 0.0033	*
Methylene Chloride	ug/L	-/-	ANR	ANR	ND < 0.95	*
m-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 2.8	*
Naphthalene	ug/L	-/-	ANR	ANR	ND < 2.8	*
Nitrobenzene	ug/L	-/-	ANR	ANR	ND < 2.8	*
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ND < 2.4	*
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ND < 3.3	*
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ND < 1.9	*
o-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 1.9	*
p-Cresol	ug/L	-/-	ANR	ANR	ND < 2.8	*
Pentachlorophenol	ug/L	-/-	ANR	ANR	ND < 3.3	*

OUTFALL 010 (Building 203)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

			2/13/2009	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Chloride	mg/L	150/-	25	*
Fluoride	mg/L	1.6/-	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	1.5	*
Oil & Grease	mg/L	15/-	ND < 1.3	*
Perchlorate	ug/L	6.0/-	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	6.6	*
Sulfate	mg/L	250/-	19	*
Temperature	deg. F	86/-	49	*
Total Cyanide	ug/L	-/-	ANR	ANR
Total Dissolved Solids	mg/L	850/-	250	*
Hardness	mg/L	-/-	ANR	ANR
Hardness, dissolved	mg/L	-/-	ANR	ANR
Total Suspended Solids	mg/L	-/-	ANR	ANR
Volume Discharged	MGD	17.8/-	0.00073	*
METALS				
Aluminum	ug/L	-/-	ANR	ANR
Aluminum, dissolved	ug/L	-/-	ANR	ANR
Antimony	ug/L	6.0/-	0.32	Ja* (DNQ)
Antimony, dissolved	ug/L	-/-	0.57	Ja* (DNQ)
Arsenic	ug/L	-/-	ANR	ANR
Arsenic, dissolved	ug/L	-/-	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR
Beryllium, dissolved	ug/L	-/-	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR
Boron, dissolved	mg/L	-/-	ANR	ANR
Cadmium	ug/L	4.0/-	ND < 0.11	*
Cadmium, dissolved	ug/L	-/-	ND < 0.11	*
Calcium	mg/L	-/-	ANR	ANR
Calcium, Dissolved	mg/L	-/-	ANR	ANR
Chromium	ug/L	-/-	ANR	ANR
Chromium, dissolved	ug/L	-/-	ANR	ANR
Copper	ug/L	14.0/-	2.0	*
Copper, dissolved	ug/L	-/-	1.1	Ja* (DNQ)
Iron	mg/L	-/-	ANR	ANR
Iron, dissolved	mg/L	-/-	ANR	ANR
Lead	ug/L	5.2/-	0.81	Ja* (DNQ)
Lead, dissolved	ug/L	-/-	ND < 0.30	*
Magnesium	mg/L	-/-	ANR	ANR
Magnesium, Dissolved	mg/L	-/-	ANR	ANR
Mercury	ug/L	0.13/-	0.027	J (DNQ)
Mercury, dissolved	ug/L	-/-	ND < 0.027	U
Nickel	ug/L	100/-	ANR	ANR
Nickel, dissolved	ug/L	-/-	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR
Selenium, dissolved	ug/L	-/-	ANR	ANR

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

OUTFALL 010 (Building 203)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

			2/13/2009	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
2-Chlorophenol	ug/L	-/-	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR
2-Methylnaphthalene	ug/L	-/-	ANR	ANR
2-Methylphenol	ug/L	-/-	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR
4-Chloroaniline	ug/L	-/-	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR
Acenaphthylene	ug/L	-/-	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR
Aniline	ug/L	-/-	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR
Benzo(g,h,I)perylene	ug/L	-/-	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR
Benzoic acid	ug/L	-/-	ANR	ANR
Benzyl alcohol	ug/L	-/-	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR
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

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

OUTFALL 010 (Building 203)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

			2/13/2009	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
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
Chlorpyrifos	ug/L	-/-	ANR	ANR
Chronic Toxicity	TUC	1.0/-	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR
Dibenzofuran	ug/L	-/-	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR
Endrin ketone	ug/L	-/-	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR
Methoxychlor	ug/L	-/-	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR
m-Nitroaniline	ug/L	-/-	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR
o-Nitroaniline	ug/L	-/-	ANR	ANR
p-Cresol	ug/L	-/-	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR

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

OUTFALL 010 (Building 203)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

			2/13/2009	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Phenanthrene	ug/L	-/-	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR
p-Nitroaniline	ug/L	-/-	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR

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

OUTFALL 010 (Building 203)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date January 24, 2009

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	8.27E-06	J (DNQ)	0.01	**8.3E-08**	**ND**
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.50E-05	1.67E-06	J (DNQ)	0.01	**1.7E-08**	**ND**
1,2,3,4,7,8,9-HpCDF	3.93E-07	2.50E-05	ND	U	0.01	**ND**	**ND**
1,2,3,4,7,8-HxCDD	5.72E-07	2.50E-05	ND	U	0.1	**ND**	**ND**
1,2,3,4,7,8-HxCDF	3.43E-07	2.50E-05	ND	U	0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDD	5.76E-07	2.50E-05	ND	U	0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDF	3.43E-07	2.50E-05	ND	U	0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDD	5.36E-07	2.50E-05	ND	U	0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDF	4.79E-07	2.50E-05	ND	U	0.1	**ND**	**ND**
1,2,3,7,8-PeCDD	3.78E-07	2.50E-05	ND	U	1	**ND**	**ND**
1,2,3,7,8-PeCDF	3.40E-07	2.50E-05	ND	U	0.05	**ND**	**ND**
2,3,4,6,7,8-HxCDF	3.72E-07	2.50E-05	ND	U	0.1	**ND**	**ND**
2,3,4,7,8-PeCDF	3.70E-07	2.50E-05	ND	U	0.5	**ND**	**ND**
2,3,7,8-TCDD	2.99E-07	5.00E-06	ND	U	1	**ND**	**ND**
2,3,7,8-TCDF	2.94E-07	5.00E-06	ND	U	0.1	**ND**	**ND**
OCDD	0.00E+00	5.00E-05	9.09E-05	--	0.0001	**9.1E-09**	**9.1E-09**
OCDF	0.00E+00	5.00E-05	ND	U (B)	0.0001	**ND**	**ND**

TCDD TEQ w/ DNQ Values **1.1E-07**

TCDD TEQ w/out DNQ Values **9.1E-09**

Dioxin TCDD TEQ compliance limit established for this outfall? Yes **TCDD TEQ PERMIT LIMIT = 2.8E-08**

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

OUTFALL 010 (Building 203)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date February 6, 2009

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER		1998 WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	5.20E-06	J (DNQ)		0.01	**5.2E-08**	**ND**
1,2,3,4,6,7,8-HpCDF	9.75E-07	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,7,8,9-HpCDF	1.29E-06	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,7,8-HxCDD	1.14E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,4,7,8-HxCDF	5.10E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDD	1.10E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDF	5.07E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDD	1.08E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDF	6.29E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8-PeCDD	1.11E-06	2.50E-05	ND	U		1	**ND**	**ND**
1,2,3,7,8-PeCDF	4.56E-07	2.50E-05	ND	U		0.05	**ND**	**ND**
2,3,4,6,7,8-HxCDF	4.89E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
2,3,4,7,8-PeCDF	4.44E-07	2.50E-05	ND	U		0.5	**ND**	**ND**
2,3,7,8-TCDD	4.04E-07	5.00E-06	ND	U		1	**ND**	**ND**
2,3,7,8-TCDF	4.44E-07	5.00E-06	ND	U		0.1	**ND**	**ND**
OCDD	0.00E+00	5.00E-05	5.24E-05	--		0.0001	**5.2E-09**	**5.2E-09**
OCDF	0.00E+00	5.00E-05	7.00E-06	J (DNQ)		0.0001	**7.0E-10**	**ND**

TCDD TEQ w/ DNQ Values	**5.8E-08**	
TCDD TEQ w/out DNQ Values		**5.2E-09**

Dioxin TCDD TEQ compliance limit established for this outfall? Yes **TCDD TEQ PERMIT LIMIT = 2.8E-08**

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

OUTFALL 010 (Building 203)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date February 13, 2009

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 WHO TEF

OUTFALL 010 (Building 203)

OUTFALL 010 (Building 203)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

			2/13/2009	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**Result**	**CONCENTRATION RESULT VALIDATION QUALIFIER**
Chloride	LBS/DAY	22,268/-	0.15	*
Fluoride	LBS/DAY	238/-	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,485/-	0.01	*
Oil & Grease	LBS/DAY	2,227/-	ND	*
Perchlorate	LBS/DAY	0.89/-	ANR	ANR
Sulfate	LBS/DAY	37,113/-	0.12	*
Total Dissolved Solids	LBS/DAY	126,184/-	1.52	*
METALS				
Antimony	LBS/DAY	0.89/-	0.000002	Ja* (DNQ)
Boron	LBS/DAY	148/-	ANR	ANR
Cadmium	LBS/DAY	0.59/-	ND	*
Copper	LBS/DAY	2.08/-	0.00001	*
Lead	LBS/DAY	0.77/-	0.000005	Ja* (DNQ)
Mercury	LBS/DAY	0.02/-	0.0000002	J (DNQ)
Nickel	LBS/DAY	14.9/-	ANR	ANR
Thallium	LBS/DAY	0.3/-	ND	C*
TCDD TEQ_NoDNQ	LBS/DAY	4.2E-09/-	6.1E-14	--

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

BMP EFFECTIVENESS
OUTFALL 010 (Building 203)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

SAMPLE NAME	SAMPLE DATE	ANALYTE	UNITS	RESULT
010 EFF-1	01/24/09	Density	g/cc	0.99*
010 EFF-1	01/24/09	Sediment	mg/L	ND <10*
010 EFF-2	01/24/09	Density	g/cc	0.99*
010 EFF-2	01/24/09	Sediment	mg/L	ND <10*
010 EFF-3	01/24/09	Density	g/cc	0.99*
010 EFF-3	01/24/09	Sediment	mg/L	ND <10*
010 EFF-4	01/24/09	Density	g/cc	1.0*
010 EFF-4	01/24/09	Sediment	mg/L	ND <10*
010 EFF-5	01/24/09	Density	g/cc	1.0*
010 EFF-5	01/24/09	Sediment	mg/L	ND <10*
010 EFF-6	01/24/09	Density	g/cc	1.0*
010 EFF-6	01/24/09	Sediment	mg/L	ND <10*
010 EFF-1	02/05/09	Density	g/cc	1.0*
010 EFF-1	02/05/09	Sediment	mg/L	96*
010 EFF-2	02/05/09	Density	g/cc	1.0*
010 EFF-2	02/05/09	Sediment	mg/L	120*
010 EFF-3	02/05/09	Density	g/cc	1.0*
010 EFF-3	02/05/09	Sediment	mg/L	75*
010 EFF-4	02/05/09	Density	g/cc	1.0*
010 EFF-4	02/05/09	Sediment	mg/L	23*
010 EFF-5	02/05/09	Density	g/cc	0.99*
010 EFF-5	02/05/09	Sediment	mg/L	15*
010 EFF-6	02/05/09	Density	g/cc	1.0*
010 EFF-6	02/05/09	Sediment	mg/L	13*
010 EFF-7	02/05/09	Density	g/cc	1.0*
010 EFF-7	02/05/09	Sediment	mg/L	12*
010 EFF-8	02/05/09	Density	g/cc	1.0*
010 EFF-8	02/05/09	Sediment	mg/L	17*
010 EFF-9	02/05/09	Density	g/cc	1.0*
010 EFF-9	02/05/09	Sediment	mg/L	36*
010 EFF-10	02/06/09	Density	g/cc	1.0*
010 EFF-10	02/06/09	Sediment	mg/L	210*

BMP EFFECTIVENESS
OUTFALL 010 (Building 203)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

SAMPLE NAME	SAMPLE DATE	ANALYTE	UNITS	RESULT
010 EFF-13	02/06/09	Sediment	mg/L	ND <10*
010 EFF-14	02/06/09	Density	g/cc	1.0*
010 EFF-14	02/06/09	Sediment	mg/L	ND <10*
010 EFF-15	02/06/09	Density	g/cc	1.0*
010 EFF-15	02/06/09	Sediment	mg/L	29*
010 EFF-16	02/06/09	Density	g/cc	1.0*
010 EFF-16	02/06/09	Sediment	mg/L	ND <10*
010 EFF-17	02/06/09	Density	g/cc	1.0*
010 EFF-17	02/06/09	Sediment	mg/L	ND <10*
010 EFF-18	02/06/09	Density	g/cc	1.0*
010 EFF-18	02/06/09	Sediment	mg/L	ND <10*
010 EFF-19	02/06/09	Density	g/cc	0.99*
010 EFF-19	02/06/09	Sediment	mg/L	ND <10*
010 EFF-20	02/06/09	Density	g/cc	1.0*
010 EFF-20	02/06/09	Sediment	mg/L	ND <10*
010 EFF-21	02/06/09	Density	g/cc	1.0*
010 EFF-21	02/06/09	Sediment	mg/L	ND <10*
010 EFF-22	02/06/09	Density	g/cc	1.0*
010 EFF-22	02/06/09	Sediment	mg/L	ND <10*
010 EFF-23	02/06/09	Density	g/cc	1.0*
010 EFF-23	02/06/09	Sediment	mg/L	ND <10*
010 EFF-24	02/06/09	Density	g/cc	1.0*
010 EFF-24	02/06/09	Sediment	mg/L	ND <10*
010 EFF-1	02/13/09	Density	g/cc	1.0*
010 EFF-1	02/13/09	Sediment	mg/L	35*

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THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
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ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/16/2009 RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	10.1/1.96	0.56	*
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/20	2.1	*
Chloride	mg/L	150/-	12	*
Specific Conductivity (Lab)	umhos/cm	-/-	85	--
Surfactants (MBAS)	mg/L	0.5/-	ND < 0.025	*
Fluoride	mg/L	1.6/-	0.12	B*
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	0.97	*
Nitrate as Nitrogen (N)	mg/L	8.0/-	0.97	*
Nitrite-N	mg/L	1.0/-	ND < 0.090	*
Oil & Grease	mg/L	15/10	1.5	J* (DNQ)
Perchlorate	ug/L	6.0/-	ND < 0.90	*
pH (Field)	pH units	6.5-8.5/-	7.3	*
Total Settleable Solids	ml/L	0.3/0.1	ND < 0.10	pHa*
Sulfate	mg/L	300/-	4.3	*
Temperature	deg. F	86/-	46	*
Total Cyanide	ug/L	8.5/4.3	ND < 2.2	*
Total Dissolved Solids	mg/L	950/-	77	*
Hardness	mg/L	-/-	39	--
Hardness, dissolved	mg/L	-/-	25	--
Total Organic Carbon	mg/L	-/-	5.9	--
Total Residual Chlorine	mg/L	0.1/-	ND < 0.10	HFT*
Total Suspended Solids	mg/L	45/15	160	--
Turbidity	NTU	-/-	210	--
Volume Discharged	MGD	160/-	0.39364	*
METALS				
Antimony	ug/L	6.0/-	0.65	J* (DNQ)
Antimony, dissolved	ug/L	-/-	0.58	J* (DNQ)
Arsenic	ug/L	10/-	7.9	J (DNQ)
Arsenic, dissolved	ug/L	-/-	ND < 7.0	U
Barium	mg/L	1.0/-	0.068	--
Barium, dissolved	mg/L	-/-	0.0082	J (DNQ)
Beryllium	ug/L	4.0/-	ND < 0.90	Umg/ɯg/L 950/-

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THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
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January 1 through March 31, 2009

			2/16/2009	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Cobalt, dissolved	ug/L	-/-	ND < 2.0	U
Copper	ug/L	14.0/7.1	6.5	*
Copper, dissolved	ug/L	-/-	1.7	J* (DNQ)
Iron	mg/L	-/-	11	--
Iron, dissolved	mg/L	-/-	0.34	--
Lead	ug/L	5.2/2.6	7.1	*
Lead, dissolved	ug/L	-/-	ND < 0.30	*
Magnesium	mg/L	-/-	4.1	--
Magnesium, Dissolved	mg/L	-/-	1.7	--
Manganese	ug/L	50/-	150	--
Manganese, dissolved	ug/L	-/-	23	--
Mercury	ug/L	0.10/0.05	ND < 0.027	U
Mercury, dissolved	ug/L	-/-	ND < 0.027	U
Nickel	ug/L	96/35	ND < 14	U (B)
Nickel, dissolved	ug/L	-/-	ND < 2.0	U
Selenium	ug/L	8.2/4.1	ND < 0.30	*
Selenium, dissolved	ug/L	-/-	0.48	J* (DNQ)
Silver	ug/L	4.1/2.0	ND < 0.30	*
Silver, dissolved	ug/L	-/-	ND < 0.30	*
Thallium				

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			2/16/2009	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Aniline	ug/L	-/-	ND < 0.28	*
Anthracene	ug/L	-/-	ND < 0.094	*
Aroclor-1016	ug/L	-/-	ND < 0.24	*
Aroclor-1221	ug/L	-/-	ND < 0.24	*
Aroclor-1232	ug/L	-/-	ND < 0.24	*
Aroclor-1242	ug/L	-/-	ND < 0.24	*
Aroclor-1248	ug/L	-/-	ND < 0.24	*
Aroclor-1254	ug/L	-/-	ND < 0.24	*
Aroclor-1260	ug/L	-/-	ND < 0.24	*
Benzidine	ug/L	-/-	ND < 4.7	*
Benzo(a)anthracene	ug/L	-/-	ND < 0.094	*
Benzo(a)pyrene	ug/L	-/-	ND < 0.094	*
Benzo(b)fluoranthene	ug/L	-/-	ND < 0.094	*
Benzo(g,h,I)perylene	ug/L	-/-	ND < 0.094	*
Benzo(k)fluoranthene	ug/L	-/-	ND < 0.094	*
Benzoic acid	ug/L	-/-	ND < 2.8	*
Benzyl alcohol	ug/L	-/-	ND < 0.094	*
beta-BHC	ug/L	-/-	ND < 0.0038	U
bis (2-Chloroethyl) ether	ug/L	-/-	ND < 0.094	*
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-	ND < 1.6	*
bis(2-Chloroethoxy) methane	ug/L	-/-	ND < 0.094	*
bis(2-Chloroisopropyl) ether	ug/L	-/-	ND < 0.094	*
Bromodichloromethane	ug/L	-/-	ND < 0.30	*
Bromoform	ug/L	-/-	ND < 0.40	*
Bromomethane	ug/L	-/-	ND < 0.42	*
Butylbenzylphthalate	ug/L	-/-	1.3	J, B*
Chlordane	ug/L	-/-	ND < 0.038	U
Chlorobenzene	ug/L	-/-	ND < 0.36	*
Chloroethane	ug/L	-/-	ND < 0.40	*
Chloromethane	ug/L	-/-	ND < 0.40	*
Chronic Toxicity	TUC	1.0/-	1.0	*
Chrysene	ug/L	-/-	ND < 0.094	*
cis-1,3-Dichloropropene	ug/L	-/-	ND < 0.22	L*
Cyclohexane	ug/L	-/-	ND < 2.5	*
delta-BHC	ug/L	-/-	ND < 0.0033	UJ (C)
Dibenzo(a,h)anthracene	ug/L	-/-	ND < 0.094	*
Dibenzofuran	ug/L	-/-	ND < 0.094	*
Dibromochloromethane	ug/L	-/-	ND < 0.40	*
Dieldrin	ug/L	-/-	ND < 0.0019	UJ (C)
Diethylphthalate	ug/L	-/-	0.26	J* (DNQ)
Dimethylphthalate	ug/L	-/-	ND < 0.094	*
Di-n-butylphthalate	ug/L	-/-	ND < 0.19	*
Di-n-octylphthalate	ug/L	-/-	ND < 0.094	*
Endosulfan I	ug/L	-/-	ND < 0.0019	UJ (C)

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

OUTFALL 011 (Perimeter Pond Weir)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
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			2/16/2009	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Endosulfan II	ug/L	-/-	ND < 0.0028	UJ (C)
Endosulfan sulfate	ug/L	-/-	ND < 0.0028	UJ (C)
Endrin	ug/L	-/-	ND < 0.0019	UJ (C)
Endrin aldehyde	ug/L	-/-	ND < 0.0019	UJ (C)
Endrin ketone	ug/L	-/-	ND < 0.0028	UJ (C)
Fluoranthene	ug/L	-/-	ND < 0.094	*
Fluorene	ug/L	-/-	ND < 0.094	*
Heptachlor	ug/L	-/-	ND < 0.0028	UJ (C)
Heptachlor epoxide	ug/L	-/-	ND < 0.0024	UJ (C)
Hexachlorobenzene	ug/L	-/-	ND < 0.094	*
Hexachlorobutadiene	ug/L	-/-	ND < 0.19	*
Hexachlorocyclopentadiene	ug/L	-/-	ND < 0.094	*
Hexachloroethane	ug/L	-/-	ND < 0.19	*
Hydrazine	ug/L	-/-	ND < 0.60	UJ (C)
Unsymmetrical Dimethyl Hydrazine	ug/L	-/-	ND < 1.42	U
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ND < 0.094	*
Isophorone	ug/L	-/-	0.094	J* (DNQ)
Lindane (gamma-BHC)	ug/L	-/-	ND < 0.0028	UJ (C)
Methoxychlor	ug/L	-/-	ND < 0.0033	UJ (C)
Methylene Chloride	ug/L	-/-	ND < 0.95	*
m-Nitroaniline	ug/L	-/-	ND < 0.19	*
Monomethyl Hydrazine	ug/L	-/-	ND < 1.70	U
Naphthalene	ug/L	-/-	ND < 0.094	*
Nitrobenzene	ug/L	-/-	ND < 0.094	*
n-Nitrosodimethylamine	ug/L	16.3/8.1	ND < 0.094	*
n-Nitroso-di-n-propylamine	ug/L	-/-	ND < 0.094	*
n-Nitrosodiphenylamine	ug/L	-/-	ND < 0.094	*
o-Nitroaniline	ug/L	-/-	ND < 0.094	*
p-Cresol	ug/L	-/-	ND < 0.19	*
Pentachlorophenol	ug/L	16.5/8.2	1.5	J* (DNQ)
Phenanthrene	ug/L	-/-	ND < 0.094	*
Phenol	ug/L	-/-	ND < 0.28	*
p-Nitroaniline	ug/L	-/-	ND < 0.47	*
Pyrene	ug/L	-/-	ND < 0.094	*
Toxaphene	ug/L	-/-	ND < 0.24	U
trans-1,2-Dichloroethene	ug/L	-/-	ND < 0.30	*
trans-1,3-Dichloropropene	ug/L	-/-	ND < 0.32	*

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Sample Date February 16, 2009

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	9.74E-05	--	0.01	**9.7E-07**	**9.7E-07**
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.50E-05	2.91E-05	--	0.01	**2.9E-07**	**2.9E-07**
1,2,3,4,7,8,9-HpCDF	0.00E+00	2.50E-05	3.29E-06	J (DNQ)	0.01	**3.3E-08**	**ND**
1,2,3,4,7,8-HxCDD	1.81E-06	2.50E-05	ND	U	0.1	**ND**	**ND**
1,2,3,4,7,8-HxCDF	0.00E+00	2.50E-05	1.51E-06	J (DNQ)	0.1	**1.5E-07**	**ND**
1,2,3,6,7,8-HxCDD	1.71E-06	2.50E-05	ND	U	0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDF	0.00E+00	2.50E-05	1.43E-06	J (DNQ)	0.1	**1.4E-07**	**ND**
1,2,3,7,8,9-HxCDD	1.69E-06	2.50E-05	ND	U	0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDF	1.51E-06	2.50E-05	ND	U	0.1	**ND**	**ND**
1,2,3,7,8-PeCDD	1.26E-06	2.50E-05	ND	U	1	**ND**	**ND**
1,2,3,7,8-PeCDF	6.92E-07	2.50E-05	ND	U	0.05	**ND**	**ND**
2,3,4,6,7,8-HxCDF	0.00E+00	2.50E-05	1.71E-06	J (DNQ)	0.1	**1.7E-07**	**ND**
2,3,4,7,8-PeCDF	7.15E-07	2.50E-05	ND	U	0.5	**ND**	**ND**
2,3,7,8-TCDD	6.01E-07	5.00E-06	ND	U	1	**ND**	**ND**
2,3,7,8-TCDF	7.23E-07	5.00E-06	ND	U	0.1	**ND**	**ND**
OCDD	0.00E+00	5.00E-05	8.76E-04	--			**4.350/8.9 Td(2,.ND)TA0e40.13 d(ND)T**

OUTFALL 011 (Perimeter Pond Weir)

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THE BOEING COMPANY
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ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	Result	2/16/2009 CONCENTRATION RESULT VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	LBS/DAY	13,500/2615	1.84	*
Biochemical Oxygen Demand (BOD 5 day)	LBS/DAY	40,032/26,700	6.89	*
Chloride	LBS/DAY	200,160/-	39.40	*
Surfactants (MBAS)	LBS/DAY	667/-	ND	*
Fluoride	LBS/DAY	2,135/-	0.39	B*
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	10,700/-	3.18	*
Nitrate as Nitrogen (N)	LBS/DAY	10,700/-	3.18	*
Nitrite-N	LBS/DAY	1,334/-	ND	*
Oil and Grease	LBS/DAY	20,016/13,344	4.92	J* (DNQ)
Perchlorate	LBS/DAY	8/-	ND	*
Sulfate	LBS/DAY	400,320/-	14.12	*
Total Cyanide	LBS/DAY	11.3/5.7	ND	*
Total Dissolved Solids	LBS/DAY	1,270,000/-	252.79	*
Total Residual Chlorine	LBS/DAY	133/-	ND	HFT*
Total Suspended Solids	LBS/DAY	60,048/20,016	525.27	--
Antimony	LBS/DAY	8.01/-	0.002	J* (DNQ)
Arsenic	LBS/DAY	66.7/-	0.03	J (DNQ)
Barium	LBS/DAY	1,330/-	0.22	--
Beryllium	LBS/DAY	5.34/-	ND	U

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SANTA SUSANA FIELD LABORATORY
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ANALYTE	UNITS	Permit Limit Monthly Avg	February Average Concentration
Ammonia as Nitrogen (N)	mg/L	1.96	0.56
Biochemical Oxygen Demand (BOD 5 day)	mg/L	20	2.1
Oil & Grease	mg/L	10	1.5
Total Settleable Solids	ml/L	0.1	ND < 0.10
Total Cyanide	ug/L	4.3	ND < 2.2
Total Suspended Solids	mg/L	15	160
METALS			
Cadmium	ug/L	2	0.18
Chromium VI	ug/L	8.1	ND < 0.25
Copper	ug/L	7.1	6.5
Lead	ug/L	2.6	7.1
Mercury	ug/L	0.05	ND < 0.027
Nickel	ug/L	35	ND < 14
Selenium	ug/L	4.1	ND < 0.30
Silver	ug/L	2	ND < 0.30
Zinc	ug/L	54	60
ORGANICS			
1,1-Dichloroethene	ug/L	3.2	ND < 0.42
ADDITIONAL ANALYTES			
2,4,6-Trichlorophenol	ug/L	6.5	ND < 0.094
2,4-Dinitrotoluene	ug/L	9.1	ND < 0.19
alpha-BHC	ug/L	0.01	ND < 0.0024
n-Nitrosodimethylamine	ug/L	8.1	ND < 0.094
Pentachlorophenol	ug/L	8.2	1.5
DIOXINS			
TCDD TEQ w/out DNQ Values	ug/L	1.4E-08	1.4E-06

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

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ANALYTE	UNITS	Permit Limit Mass Monthly Avg	February Average Mass Loading (lbs/day)
Ammonia as Nitrogen (N)	LBS/DAY	2615	1.89
Biochemical Oxygen Demand (BOD 5 day)	LBS/DAY	26,700	7.11
Oil and Grease	LBS/DAY	13,344	5.08
Total Cyanide	LBS/DAY	5.7	ND
Total Suspended Solids	LBS/DAY	20,016	541.35
METALS			
Cadmium	LBS/DAY	2.7	0.001
Chromium IV	LBS/DAY	10.8	0.08
Copper	LBS/DAY	9.5	0.02
Lead	LBS/DAY	3.5	0.02
Mercury	LBS/DAY	0.07	ND
Nickel	LBS/DAY	47	ND
Selenium	LBS/DAY	5.5	ND
Silver	LBS/DAY	2.7	ND
Zinc	LBS/DAY	72	0.20
ORGANICS			
1,1-Dichloroethene	LBS/DAY	4.3	ND
ADDITIONAL ANALYTES			
2,4,6-Trichlorophenol	LBS/DAY	8.7	ND
2,4-Dinitrotoluene	LBS/DAY	12	ND
alpha-BHC	LBS/DAY	0.013	ND
n-Nitrosodimethylamine	LBS/DAY	10.8	ND
Pentachlorophenol	LBS/DAY	10.9	0.005
TCDD TEQ_NoDNQ	LBS/DAY	1.9E-08	4.7E-09

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

OUTFALL 012 (Alfa Test Stand)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
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January 1 through March 31, 2009

			2/7/2009		2/16/2009	
ANALYTE	**UNITS**	**Benchmark Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
Ammonia as Nitrogen (N)	mg/L	10.1/-	0.84	*	0.84	*
Biochemical Oxygen Demand (BOD 5 day)	mg/L	-/-	7.2	--	2.5	--
Chloride	mg/L	150/-	61	*	20	*
Fluoride	mg/L	1.6/-	1.0	*	0.33	B*
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	1.9	*	1.0	*
Nitrate as Nitrogen (N)	mg/L	8.0/-	1.9	*	1.0	*
Nitrite-N	mg/L	1.0/-	ND < 0.090	*	ND < 0.090	C*
Oil & Grease	mg/L	15/-	ND < 1.3	*	1.5	J* (DNQ)
Perchlorate	ug/L	6.0/-	1.3	Ja* (DNQ)	ND < 0.90	*
pH (Field)	pH units	6.5-8.5/-	7.4	*	7.3	*
Total Settleable Solids	ml/L	0.3/-	ND < 0.10	pH*	ND < 0.10	pH*
Sulfate	mg/L	300/-	26	*	7.6	*
Temperature	deg. F	86/-	50	*	48	*
Total Cyanide	ug/L	-/-	ND < 2.2	*	ANR	ANR
Total Dissolved Solids	mg/L	950/-	240	*	75	*
Hardness	mg/L	-/-	29	--	ANR	ANR
Hardness, dissolved	mg/L	-/-	26	--	ANR	ANR
Total Suspended Solids	mg/L	45/-	7.0	Ja* (DNQ)	4.0	J* (DNQ)
Turbidity	NTU	-/-	13	--	21	--
Volume Discharged	MGD	-/-	NR	*	NR	*
METALS						
Antimony	ug/L	-/-	ND < 2.0	U (B)	ANR	ANR
Antimony, dissolved	ug/L	-/-	ND < 2.0	U (B)	ANR	ANR
Arsenic	ug/L	-/-	17	--	ANR	ANR
Arsenic, dissolved	ug/L	-/-	12	--	ANR	ANR
Beryllium	ug/L	-/-	ND < 0.90	U	ANR	ANR
Beryllium, dissolved	ug/L	-/-	ND < 0.90	U	ANR	ANR
Boron	mg/L	1.0/-	0.12	--	0.042	J* (DNQ)
Boron, dissolved	mg/L	-/-	0.11	--	0.040	J* (DNQ)
Cadmium	ug/L	3.1/-	1.0	--	0.38	J* (DNQ)
Cadmium, dissolved	ug/L	-/-	0.66	J (DNQ)	0.18	J* (DNQ)
Calcium	mg/L	-/-	9.0	--	ANR	ANR
Calcium, Dissolved	mg/L	-/-	8.3	--	ANR	ANR
Chromium	ug/L	-/-	3.2	J (DNQ)	ANR	ANR
Chromium, dissolved	ug/L	-/-	2.4	J (DNQ)	ANR	ANR
Copper	ug/L	13.5/-	3.8	--	3.6	*
Copper, dissolved	ug/L	-/-	2.7	--	2.1	*
Lead	ug/L	5.2/-	0.86	J (DNQ)	2.0	*
Lead, dissolved	ug/L	-/-	ND < 0.30	U	ND < 0.30	*
Magnesium	mg/L	-/-	1.6	--	ANR	ANR
Magnesium, Dissolved	mg/L	-/-	1.4	--	ANR	ANR
Mercury	ug/L	0.10/-	0.064	J, B* (DNQ)	ND < 0.027	U
Mercury, dissolved	ug/L	-/-	0.036	J, B* (DNQ)	ND < 0.027	U
Nickel	ug/L	-/-	ND < 2.0	U	ANR	ANR
Nickel, dissolved	ug/L	-/-	ND < 2.0	U	ANR	ANR
Selenium	ug/L	-/-	ND < 0.30	U	0.43	B, J* (DNQ)
Selenium, dissolved	ug/L	-/-	ND < 2.0	UJ (B)	0.49	J* (DNQ)
Silver	ug/L	-/-	ND < 0.30	U	ANR	ANR
Silver, dissolved	ug/L	-/-	ND < 0.30	U	ANR	ANR
Thallium	ug/L	-/-	0.35	J (DNQ)	ANR	ANR

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

OUTFALL 012 (Alfa Test Stand)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

			2/7/2009		2/16/2009	
ANALYTE	**UNITS**	**Benchmark Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
Thallium, dissolved	ug/L	-/-	ND < 0.20	U	ANR	ANR
Zinc	ug/L	159/-	35	--	28	*
Zinc, dissolved	ug/L	-/-	27	--	13	J* (DNQ)
ORGANICS						
Benzene	ug/L	-/-	ND < 0.28	U	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U	ANR	ANR
Chloroform	ug/L	-/-	ND < 0.33	U	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ND < 0.40	U	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	U	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ND < 0.42	U	ANR	ANR
1,4-Dioxane	ug/L	3/-	ND < 1.0	*	ND < 1.0	*
Ethylbenzene	ug/L	-/-	ND < 0.25	U	ANR	ANR
Tetrachloroethene	ug/L	-/-	ND < 0.32	U	ANR	ANR
Toluene	ug/L	-/-	ND < 0.36	U	ANR	ANR
Xylenes (Total)	ug/L	-/-	ND < 0.90	U	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
Trichloroethene	ug/L	-/-	0.68	--	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	U	ANR	ANR
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ND < 0.50	U	ANR	ANR
Vinyl chloride	ug/L	-/-	ND < 0.40	U	ANR	ANR
TPH						
DRO (C13 - C28)	mg/L	0.1/-	ND < 0.047	*	ND < 0.047	*
GRO (C4 - C12)	mg/L	0.1/-	ND < 0.030	*	ND < 0.030	*
ADDITIONAL ANALYTES						
2,4,5-Trichlorophenol	ug/L	-/-	ND < 2.8	*	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ND < 2.4	*	ANR	ANR
1,2,3-Trichloropropane	ug/L	-/-	ND < 0.40	U	ND < 0.40	U
1,2-Dibromoethane (EDB)	ug/L	50/-	ND < 0.40	U	ND < 0.40	U
1,2-Dichlorobenzene (EPA 625)	ug/L	-/-	ND < 2.8	*	ANR	ANR
1,2-Dichlorobenzene (EPA 624)	ug/L	-/-	ND < 0.32	U	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ND < 0.35	U	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ND < 2.4	*	ANR	ANR
1,3-Dichlorobenzene (EPA 625)	ug/L	-/-	ND < 2.8	*	ANR	ANR
1,3-Dichlorobenzene (EPA 624)	ug/L	-/-	ND < 0.35	U	ANR	ANR
1,4-Dichlorobenzene (EPA 624)	ug/L	-/-	ND < 0.37	U	ANR	ANR
1,4-Dichlorobenzene (EPA 625)	ug/L	-/-	ND < 2.4	*	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ND < 4.2	*	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ND < 3.3	*	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ND < 3.3	*	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ND < 7.5	*	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ND < 3.3	*	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ND < 1.9	*	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ND < 1.8	U	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ND < 2.8	*	ANR	ANR
2-Chlorophenol	ug/L	-/-	ND < 2.8	*	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 < 2.8	*	ANR	ANR
2-Nitrophenol	ug/L	-/-	ND < 3.3	*	ANR	ANR

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

OUTFALL 012 (Alfa Test Stand)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

			2/7/2009		2/16/2009	
ANALYTE	**UNITS**	**Benchmark Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
3,3'-Dichlorobenzidine	ug/L	-/-	ND < 7.1	*	ANR	ANR
4,4'-DDD	ug/L	-/-	ND < 0.0019	UJ (C)	ANR	ANR
4,4'-DDE	ug/L	-/-	ND < 0.0028	UJ (C)	ANR	ANR
4,4'-DDT	ug/L	-/-	ND < 0.0038	UJ (C)	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ND < 2.8	*	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ND < 2.4	*	ANR	ANR
4-Chloroaniline	ug/L	-/-	ND < 1.9	*	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ND < 2.4	*	ANR	ANR
4-Nitrophenol	ug/L	-/-	ND < 5.2	*	ANR	ANR
Acenaphthene	ug/L	-/-	ND < 2.8	*	ANR	ANR
Acenaphthylene	ug/L	-/-	ND < 2.8	*	ANR	ANR
Acrolein	ug/L	-/-	ND < 4.0	U	ANR	ANR
Acrylonitrile	ug/L	-/-	ND < 0.70	U	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	100	*	ANR	ANR
Aldrin	ug/L	-/-	ND < 0.0014	UJ (C)	ANR	ANR
alpha-BHC	ug/L	-/-	ND < 0.0053	UJ (H)	ANR	ANR
Aniline	ug/L	-/-	ND < 3.3	*	ANR	ANR
Anthracene	ug/L	-/-	ND < 2.4	*	ANR	ANR
Aroclor-1016	ug/L	-/-	ND < 0.24	U	ANR	ANR
Aroclor-1221	ug/L	-/-	ND < 0.24	U	ANR	ANR
Aroclor-1232	ug/L	-/-	ND < 0.24	U	ANR	ANR
Aroclor-1242	ug/L	-/-	ND < 0.24	U	ANR	ANR
Aroclor-1248	ug/L	-/-	ND < 0.24	U	ANR	ANR
Aroclor-1254	ug/L	-/-	ND < 0.24	U	ANR	ANR
Aroclor-1260	ug/L	-/-	ND < 0.24	U	ANR	ANR
Benzidine	ug/L	-/-	ND < 9.4	*	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ND < 2.4	*	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ND < 2.8	*	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ND < 1.9	*	ANR	ANR
Benzo(g,h,l)perylene	ug/L	-/-	ND < 3.8	*	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ND < 2.4	*	ANR	ANR
Benzoic acid	ug/L	-/-	ND < 9.4	*	ANR	ANR
Benzyl alcohol	ug/L	-/-	ND < 3.3	*	ANR	ANR
beta-BHC	ug/L	-/-	ND < 0.0038	UJ (C)	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ND < 2.8	*	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ND < 3.8	*	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ND < 2.8	*	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ND < 2.4	*	ANR	ANR
Bromodichloromethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
Bromoform	ug/L	-/-	ND < 0.40	U	ANR	ANR
Bromomethane	ug/L	-/-	ND < 0.42	U	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ND < 3.8	*	ANR	ANR
Chlordane	ug/L	-/-	ND < 0.038	U	ANR	ANR
Chlorobenzene	ug/L	-/-	ND < 0.36	U	ANR	ANR
Chloroethane	ug/L	-/-	ND < 0.40	U	ANR	ANR
Chloromethane	ug/L	-/-	ND < 0.40	U	ANR	ANR
Chrysene	ug/L	-/-	ND < 2.4	*	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ND < 0.22	U	ANR	ANR
delta-BHC	ug/L	-/-	ND < 0.0033	UJ (C)	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ND < 2.8	*	ANR	ANR
Dibenzofuran	ug/L	-/-	ND < 3.8	*	ANR	ANR

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

OUTFALL 012 (Alfa Test Stand)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

			2/7/2009		2/16/2009	
ANALYTE	**UNITS**	**Benchmark Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
Dibromochloromethane	ug/L	-/-	ND < 0.40	U	ANR	ANR
Dieldrin	ug/L	-/-	ND < 0.0019	UJ (C)	ANR	ANR
Diethylphthalate	ug/L	-/-	ND < 3.3	*	ANR	ANR
Diisopropyl ether	ug/L	-/-	ND < 0.25	U	ND < 0.25	U
Dimethylphthalate	ug/L	-/-	ND < 2.4	*	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ND < 2.8	*	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ND < 3.3	*	ANR	ANR
Endosulfan I	ug/L	-/-	ND < 0.0019	UJ (C)	ANR	ANR
Endosulfan II	ug/L	-/-	ND < 0.0028	UJ (C)	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ND < 0.0028	UJ (C)	ANR	ANR
Endrin	ug/L	-/-	ND < 0.0019	U	ANR	ANR
Endrin aldehyde	ug/L	-/-	ND < 0.0019	UJ (C)	ANR	ANR
Endrin ketone	ug/L	-/-	ND < 0.0028	UJ (C)	ANR	ANR
Fluoranthene	ug/L	-/-	ND < 2.8	*	ANR	ANR
Fluorene	ug/L	-/-	ND < 2.8	*	ANR	ANR
Heptachlor	ug/L	-/-	ND < 0.0028	UJ (C)	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ND < 0.0024	UJ (C)	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ND < 2.8	*	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ND < 3.8	*	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ND < 4.7	*	ANR	ANR
Hexachloroethane	ug/L	-/-	ND < 3.3	*	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ND < 3.3	*	ANR	ANR
Isophorone	ug/L	-/-	ND < 2.8	*	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ND < 0.0028	UJ (C)	ANR	ANR
Methoxychlor	ug/L	-/-	ND < 0.0033	UJ (C)	ANR	ANR
Methylene Chloride	ug/L	-/-	ND < 0.95	U	ANR	ANR
Methyl-tert-butyl ether	ug/L	-/-	ND < 0.32	U	ND < 0.32	U
m-Nitroaniline	ug/L	-/-	ND < 2.8	*	ANR	ANR
Naphthalene	ug/L	21/-	ND < 2.8	*	ND < 2.9	*
Nitrobenzene	ug/L	-/-	ND < 2.8	*	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ND < 2.4	*	ND < 2.4	*
n-Nitroso-di-n-propylamine	ug/L	-/-	ND < 3.3	*	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ND < 1.9	*	ANR	ANR
o-Nitroaniline	ug/L	-/-	ND < 1.9	*	ANR	ANR
p-Cresol	ug/L	-/-	ND < 2.8	*	ANR	ANR
Pentachlorophenol	ug/L	-/-	ND < 3.3	*	ANR	ANR
Phenanthrene	ug/L	-/-	ND < 3.3	*	ANR	ANR
Phenol	ug/L	-/-	ND < 1.9	*	ANR	ANR
p-Nitroaniline	ug/L	-/-	ND < 3.8	*	ANR	ANR
Pyrene	ug/L	-/-	ND < 3.8	*	ANR	ANR
tertiary Butyl Alcohol	ug/L	12/-	ND < 6.5	U	ND < 6.5	U
Toxaphene	ug/L	-/-	ND < 0.24	U	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ND < 0.30	U	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ND < 0.32	UJ (C)	ANR	ANR

OUTFALL 012 (Alfa Test Stand)

FIRST QUARTER 2009 REPORTING SUMMARY

OUTFALL 013 (Bravo Test Stand)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY

OUTFALL 013 (Bravo Test Stand)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

			2/6/2009		2/16/2009	
ANALYTE	**UNITS**	**Benchmark Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
Thallium, dissolved	ug/L	-/-	ND < 0.20	U	ANR	ANR
Zinc	ug/L	159/-	23	--	13	J* (DNQ)
Zinc, dissolved	ug/L	-/-	18	J (DNQ)	6.1	B, J* (DNQ)
ORGANICS						
Benzene	ug/L	-/-	ND < 0.28	U	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	UJ (C)	ANR	ANR
Chloroform	ug/L	-/-	ND < 0.33	U	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ND < 0.40	U	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	U	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ND < 0.42	U	ANR	ANR
1,4-Dioxane	ug/L	3/-	ND < 1.0	U	ND < 1.0	*
Ethylbenzene	ug/L	-/-	ND < 0.25	U	ANR	ANR
Tetrachloroethene	ug/L	-/-	ND < 0.32	U	ANR	ANR
Toluene	ug/L	-/-	ND < 0.36	U	ANR	ANR
Xylenes (Total)	ug/L	-/-	ND < 0.90	U	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
Trichloroethene	ug/L	-/-	ND < 0.26	U	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	U	ANR	ANR
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ND < 0.50	U	ANR	ANR
Vinyl chloride	ug/L	-/-	ND < 0.40	U	ANR	ANR
TPH						
DRO (C13 - C28)	mg/L	0.1/-	ND < 0.047	U	ND < 0.047	*
GRO (C4 - C12)	mg/L	0.1/-	ND < 0.030	U	ND < 0.030	*
ADDITIONAL ANALYTES						
2,4,5-Trichlorophenol	ug/L	-/-	ND < 2.8	U	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ND < 2.4	U	ANR	ANR
1,2,3-Trichloropropane	ug/L	-/-	ND < 0.40	UJ (C)	ND < 0.40	*
1,2-Dibromoethane (EDB)	ug/L	50/-	ND < 0.40	U	ND < 0.40	*
1,2-Dichlorobenzene (EPA 625)	ug/L	-/-	ND < 2.8	U	ANR	ANR
1,2-Dichlorobenzene (EPA 624)	ug/L	-/-	ND < 0.32	U	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ND < 0.35	U	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ND < 2.4	U	ANR	ANR
1,3-Dichlorobenzene (EPA 625)	ug/L	-/-	ND < 2.8	U	ANR	ANR
1,3-Dichlorobenzene (EPA 624)	ug/L	-/-	ND < 0.35	U	ANR	ANR
1,4-Dichlorobenzene (EPA 624)	ug/L	-/-	ND < 0.37	U	ANR	ANR
1,4-Dichlorobenzene (EPA 625)	ug/L	-/-	ND < 2.4	U	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ND < 4.2	U	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ND < 3.3	U	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ND < 3.3	U	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ND < 7.5	U	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ND < 3.3	U	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ND < 1.9	U	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ND < 1.8	U	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ND < 2.8	U	ANR	ANR
2-Chlorophenol	ug/L	-/-	ND < 2.8	U	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ND < 3.8	U	ANR	ANR
2-Methylnaphthalene	ug/L	-/-	ND < 1.9	U	ANR	ANR
2-Methylphenol	ug/L	-/-	ND < 2.8	U	ANR	ANR
2-Nitrophenol	ug/L	-/-	ND < 3.3	U	ANR	ANR

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

OUTFALL 013 (Bravo Test Stand)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

			2/6/2009		2/16/2009	
ANALYTE	**UNITS**	**Benchmark Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
3,3'-Dichlorobenzidine	ug/L	-/-	ND < 7.1	U	ANR	ANR
4,4'-DDD	ug/L	-/-	ND < 0.0019	UJ (C)	ANR	ANR
4,4'-DDE	ug/L	-/-	ND < 0.0028	UJ (C)	ANR	ANR
4,4'-DDT	ug/L	-/-	ND < 0.0038	UJ (C)	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ND < 2.8	U	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ND < 2.4	U	ANR	ANR
4-Chloroaniline	ug/L	-/-	ND < 1.9	U	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ND < 2.4	U	ANR	ANR
4-Nitrophenol	ug/L	-/-	ND < 5.2	U	ANR	ANR
Acenaphthene	ug/L	-/-	ND < 2.8	U	ANR	ANR
Acenaphthylene	ug/L	-/-	ND < 2.8	U	ANR	ANR
Acrolein	ug/L	-/-	ND < 4.0	U	ANR	ANR
Acrylonitrile	ug/L	-/-	ND < 0.70	UJ (C)	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	100	*	ANR	ANR
Aldrin	ug/L	-/-	ND < 0.0014	UJ (C)	ANR	ANR
alpha-BHC	ug/L	-/-	ND < 0.0053	UJ (H)	ANR	ANR
Aniline	ug/L	-/-	ND < 3.3	U	ANR	ANR
Anthracene	ug/L	-/-	ND < 2.4	U	ANR	ANR
Aroclor-1016	ug/L	-/-	ND < 0.24	U	ANR	ANR
Aroclor-1221	ug/L	-/-	ND < 0.24	U	ANR	ANR
Aroclor-1232	ug/L	-/-	ND < 0.24	U	ANR	ANR
Aroclor-1242	ug/L	-/-	ND < 0.24	U	ANR	ANR
Aroclor-1248	ug/L	-/-	ND < 0.24	U	ANR	ANR
Aroclor-1254	ug/L	-/-	ND < 0.24	U	ANR	ANR
Aroclor-1260	ug/L	-/-	ND < 0.24	U	ANR	ANR
Benzidine	ug/L	-/-	ND < 9.4	U	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ND < 2.4	U	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ND < 2.8	U	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ND < 1.9	U	ANR	ANR
Benzo(g,h,I)perylene	ug/L	-/-	ND < 3.8	U	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ND < 2.4	U	ANR	ANR
Benzoic acid	ug/L	-/-	ND < 9.4	U	ANR	ANR
Benzyl alcohol	ug/L	-/-	ND < 3.3	U	ANR	ANR
beta-BHC	ug/L	-/-	ND < 0.0038	UJ (C)	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ND < 2.8	U	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ND < 3.8	U	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ND < 2.8	U	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ND < 2.4	U	ANR	ANR
Bromodichloromethane	ug/L	-/-	ND < 0.30	U	ANR	ANR
Bromoform	ug/L	-/-	ND < 0.40	U	ANR	ANR
Bromomethane	ug/L	-/-	ND < 0.42	U	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ND < 3.8	U	ANR	ANR
Chlordane	ug/L	-/-	ND < 0.038	U	ANR	ANR
Chlorobenzene	ug/L	-/-	ND < 0.36	U	ANR	ANR
Chloroethane	ug/L	-/-	ND < 0.40	U	ANR	ANR
Chloromethane	ug/L	-/-	ND < 0.40	U	ANR	ANR
Chrysene	ug/L	-/-	ND < 2.4	U	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ND < 0.22	U	ANR	ANR
delta-BHC	ug/L	-/-	ND < 0.0033	UJ (C)	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ND < 2.8	U	ANR	ANR
Dibenzofuran	ug/L	-/-	ND < 3.8	U	ANR	ANR
Dibromochloromethane	ug/L	-/-	ND < 0.40	U	ANR	ANR

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

OUTFALL 013 (Bravo Test Stand)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

			2/6/2009		2/16/2009	
ANALYTE	**UNITS**	**Benchmark Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
Dieldrin	ug/L	-/-	ND < 0.0019	UJ (C)	ANR	ANR
Diethylphthalate	ug/L	-/-	ND < 3.3	U	ANR	ANR
Diisopropyl ether	ug/L	-/-	ND < 0.25	U	ND < 0.25	*
Dimethylphthalate	ug/L	-/-	ND < 2.4	U	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ND < 2.8	U	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ND < 3.3	U	ANR	ANR
Endosulfan I	ug/L	-/-	ND < 0.0019	UJ (C)	ANR	ANR
Endosulfan II	ug/L	-/-	ND < 0.0028	UJ (C)	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ND < 0.0028	UJ (C)	ANR	ANR
Endrin	ug/L	-/-	ND < 0.0019	U	ANR	ANR
Endrin aldehyde	ug/L	-/-	ND < 0.0019	UJ (C)	ANR	ANR
Endrin ketone	ug/L	-/-	ND < 0.0028	UJ (C)	ANR	ANR
Fluoranthene	ug/L	-/-	ND < 2.8	U	ANR	ANR
Fluorene	ug/L	-/-	ND < 2.8	U	ANR	ANR
Heptachlor	ug/L	-/-	ND < 0.0028	UJ (C)	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ND < 0.0024	UJ (C)	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ND < 2.8	U	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ND < 3.8	U	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ND < 4.7	U	ANR	ANR
Hexachloroethane	ug/L	-/-	ND < 3.3	U	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ND < 3.3	U	ANR	ANR
Isophorone	ug/L	-/-	ND < 2.8	U	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ND < 0.0028	UJ (C)	ANR	ANR
Methoxychlor	ug/L	-/-	ND < 0.0033	UJ (C)	ANR	ANR
Methylene Chloride	ug/L	-/-	ND < 0.95	U	ANR	ANR
Methyl-tert-butyl ether	ug/L	-/-	ND < 0.32637 0 Td[-/-)-4230(N319.551 0 3]TJ-31.303 -1.246 Td(Dimeth			
	-/-	ND < 2.8	U			

OUTFALL 013 (Bravo Test Stand)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date February 6, 2009

ANALYTE

OUTFALL 013 (Bravo Test Stand)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date February 16, 2009

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER		1998 WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	3.98E-06	J (DNQ)		0.01	**4.0E-08**	**ND**
1,2,3,4,6,7,8-HpCDF	1.31E-06	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,7,8,9-HpCDF	1.45E-06	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,7,8-HxCDD	1.18E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,4,7,8-HxCDF	5.47E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDD	1.11E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDF	5.41E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDD	1.10E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDF	9.21E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8-PeCDD	9.15E-07	2.50E-05	ND	U		1	**ND**	**ND**
1,2,3,7,8-PeCDF	5.57E-07	2.50E-05	ND	U		0.05	**ND**	**ND**
2,3,4,6,7,8-HxCDF	6.42E-07	2.50E-05	ND	U		0.1	**ND**	**ND**
2,3,4,7,8-PeCDF	5.93E-07	2.50E-05	ND	U		0.5	**ND**	**ND**
2,3,7,8-TCDD	4.39E-07	5.00E-06	ND	U		1	**ND**	**ND**
2,3,7,8-TCDF	4.67E-07	5.00E-06	ND	U		0.1	**ND**	**ND**
OCDD	0.00E+00	5.00E-05	2.15E-05	J (DNQ)		0.0001	**2.2E-09**	**ND**
OCDF	0.00E+00	5.00E-05	3.06E-06	J (DNQ)		0.0001	**3.1E-10**	**ND**

TCDD TEQ w/ DNQ Values	**4.2E-08**	
TCDD TEQ w/out DNQ Values		**ND**

Dioxin TCDD TEQ benchmark limit established for this outfall? Yes **TCDD TEQ BENCHMARK LIMIT = 2.8E-08**

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

OUTFALL 018 (R-2 Spillway)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

			2/16/2009	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Ammonia as Nitrogen (N)	mg/L	10.1/-	0.56	*
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/-	0.88	J* (DNQ)
Chloride	mg/L	150/-	14	*
Specific Conductivity (Lab)	umhos/cm	-/-	250	--
Surfactants (MBAS)	mg/L	0.5/-	ND < 0.025	*
Fluoride	mg/L	1.6/-	0.10	B*
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	ND < 0.15	*
Nitrate as Nitrogen (N)	mg/L	8.0/-	0.089	J* (DNQ)
Nitrite-N	mg/L	1.0/-	ND < 0.090	*
Oil & Grease	mg/L	15/-	2.0	J* (DNQ)
Perchlorate	ug/L	6.0/-	ND < 0.90	*
pH (Field)	pH units	6.5-8.5/-	8.2	*
Total Settleable Solids	ml/L	0.3/-	0.10	*
Sulfate	mg/L	300/-	33	*
Temperature	deg. F	86/-	46	*
Total Cyanide	ug/L	8.5/-	ND < 2.2	*
Total Dissolved Solids	mg/L	950/-	220	*
Hardness	mg/L	-/-	23	--
Hardness, dissolved	mg/L	-/-	6.9	--
Total Organic Carbon	mg/L	-/-	2.5	--
Total Residual Chlorine	mg/L	0.1/-	ND < 0.10	HFT*
Total Suspended Solids	mg/L	45/-	150	--
Turbidity	NTU	-/-	210	--
Volume Discharged	MGD	160/-	1.278105	*
METALS				
Antimony	ug/L	6.0/-	ND < 2.0	U (B)
Antimony, dissolved	ug/L	-/-	ND < 2.0	U (B)
Arsenic	ug/L	10/-	8.3	J (DNQ)
Arsenic, dissolved	ug/L	-/-	ND < 7.0	U
Barium	mg/L	1.0/-	0.062	--
Barium, dissolved	mg/L	-/-	ND < 0.0060	U
Beryllium	ug/L	4.0/-	ND < 0.90	U
Beryllium, dissolved	ug/L	-/-	ND < 0.90	U
Boron	mg/L	-/-	ND < 0.020	U
Boron, dissolved	mg/L	-/-	ND < 0.020	U
Cadmium	ug/L	3.1/-	0.27	J (DNQ)
Cadmium, dissolved	ug/L	-/-	ND < 0.11	U
Calcium	mg/L	-/-	4.7	--
Calcium, Dissolved	mg/L	-/-	2.3	--
Chromium	ug/L	16.3/-	ND < 15	U (B)
Chromium, dissolved	ug/L	-/-	2.0	J (DNQ)
Chromium VI	ug/L	16.3/-	ND < 0.25	*
Cobalt	ug/L	-/-	3.5	J (DNQ)

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

OUTFALL 018 (R-2 Spillway)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

			2/16/2009	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Cobalt, dissolved	ug/L	-/-	ND < 2.0	U
Copper	ug/L	14.0/-	9.6	J (*III)
Copper, dissolved	ug/L	-/-	4.1	--
Iron	mg/L	0.3/-	12	--
Iron, dissolved	mg/L	-/-	1.5	--
Lead	ug/L	5.2/-	8.2	--
Lead, dissolved	ug/L	-/-	0.78	J (DNQ)
Magnesium	mg/L	-/-	2.6	--
Magnesium, Dissolved	mg/L	-/-	0.27	--
Manganese	ug/L	50/-	140	--
Manganese, dissolved	ug/L	-/-	9.0	J (DNQ)
Mercury	ug/L	0.10/-	0.033	J (DNQ)
Mercury, dissolved	ug/L	-/-	ND < 0.027	U
Nickel	ug/L	96/-	ND < 10	U (B)
Nickel, dissolved	ug/L	-/-	ND < 2.0	U
Selenium	ug/L	8.2/-	0.47	J (*III, DNQ)
Selenium, dissolved	ug/L	-/-	ND < 2.0	U (B)
Silver	ug/L	4.1/-	ND < 0.30	U
Silver, dissolved	ug/L	-/-	ND < 0.30	U
Thallium	ug/L	2.0/-	ND < 0.20	U
Thallium, dissolved	ug/L	-/-	ND < 0.20	U
Vanadium	ug/L	-/-	27	--
Vanadium, dissolved	ug/L	-/-	ND < 3.0	U
Zinc	ug/L	119/-	63	--
Zinc, dissolved	ug/L	-/-	ND < 20	UJ (B,*III)
ORGANICS				
Benzene	ug/L	-/-	0.84	--
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	U
Chloroform	ug/L	-/-	19	--
1,1-Dichloroethane	ug/L	-/-	ND < 0.40	U
1,2-Dichloroethane	ug/L	-/-	2.4	--
1,1-Dichloroethene	ug/L	6.0/-	ND < 0.42	U
1,4-Dioxane	ug/L	-/-	ND < 1.0	*
Ethylbenzene	ug/L	-/-	ND < 0.25	U
Tetrachloroethene	ug/L	-/-	ND < 0.32	U
Toluene	ug/L	-/-	ND < 0.36	U
Xylenes (Total)	ug/L	-/-	ND < 0.90	U
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	U
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	U
Trichloroethene	ug/L	5.0/-	ND < 0.26	U
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	U
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ND < 0.50	UJ (C)
Vinyl Chloride	ug/L	-/-	ND < 0.40	U
TPH				

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

OUTFALL 018 (R-2 Spillway)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

			2/16/2009	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
DRO (C13 - C28)	mg/L	-/-	ND < 0.047	*
GRO (C4 - C12)	ug/L	-/-	ND < 0.030	*
ADDITIONAL ANALYTES				

OUTFALL 018 (R-2 Spillway)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

			2/16/2009	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Aniline	ug/L	-/-	ND < 0.29	U
Anthracene	ug/L	-/-	ND < 0.095	U
Aroclor-1016	ug/L	-/-	ND < 0.24	*
Aroclor-1221	ug/L	-/-	ND < 0.24	*
Aroclor-1232	ug/L	-/-	ND < 0.24	*
Aroclor-1242	ug/L	-/-	ND < 0.24	*
Aroclor-1248	ug/L	-/-	ND < 0.24	*
Aroclor-1254	ug/L	-/-	ND < 0.24	*
Aroclor-1260	ug/L	-/-	ND < 0.24	*
Benzidine	ug/L	-/-	ND < 4.8	U
Benzo(a)anthracene	ug/L	-/-	ND < 0.095	U
Benzo(a)pyrene	ug/L	-/-	ND < 0.095	U
Benzo(b)fluoranthene	ug/L	-/-	ND < 0.095	U
Benzo(g,h,I)perylene	ug/L	-/-	ND < 0.095	U
Benzo(k)fluoranthene	ug/L	-/-	ND < 0.095	U
Benzoic acid	ug/L	-/-	ND < 2.9	U
Benzyl alcohol	ug/L	-/-	ND < 0.095	UJ (*III)
beta-BHC	ug/L	-/-	ND < 0.0038	U
bis (2-Chloroethyl) ether	ug/L	-/-	ND < 0.095	U
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-	1.6	J (DNQ)
bis(2-Chloroethoxy) methane	ug/L	-/-	ND < 0.095	UJ (*III)
bis(2-Chloroisopropyl) ether	ug/L	-/-	ND < 0.095	U
Bromodichloromethane	ug/L	-/-	1.2	--
Bromoform	ug/L	-/-	ND < 0.40	UJ (C)
Bromomethane	ug/L	-/-	ND < 0.42	U
Butylbenzylphthalate	ug/L	-/-	ND < 4.8	U (B)
Chlordane	ug/L	-/-	ND < 0.038	U
Chlorobenzene	ug/L	-/-	ND < 0.36	U
Chloroethane	ug/L	-/-	ND < 0.40	U
Chloromethane	ug/L	-/-	ND < 0.40	U
Chronic Toxicity	TUC	1.0/-	1.0	*
Chrysene	ug/L	-/-	ND < 0.095	U
cis-1,3-Dichloropropene	ug/L	-/-	ND < 0.22	U
Cyclohexane	ug/L	-/-	ND < 2.5	UJ (*III)
delta-BHC	ug/L	-/-	ND < 0.0033	UJ (C)
Dibenzo(a,h)anthracene	ug/L	-/-	ND < 0.095	U
Dibenzofuran	ug/L	-/-	ND < 0.095	U
Dibromochloromethane	ug/L	-/-	0.98	J (C)
Dieldrin	ug/L	-/-	ND < 0.0019	UJ (C)
Diethylphthalate	ug/L	-/-	0.11	J (DNQ)
Dimethylphthalate	ug/L	-/-	ND < 0.095	U
Di-n-butylphthalate	ug/L	-/-	ND < 0.19	U
Di-n-octylphthalate	ug/L	-/-	ND < 0.095	U
Endosulfan I	ug/L	-/-	ND < 0.0019	UJ (C)

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

OUTFALL 018 (R-2 Spillway)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

			2/16/2009	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Endosulfan II	ug/L	-/-	ND < 0.0028	UJ (C)
Endosulfan sulfate	ug/L	-/-	ND < 0.0028	UJ (C)
Endrin	ug/L	-/-	ND < 0.0019	UJ (C)
Endrin aldehyde	ug/L	-/-	ND < 0.0019	UJ (C)
Endrin ketone	ug/L	-/-	ND < 0.0028	UJ (C)
Fluoranthene	ug/L	-/-	ND < 0.095	U
Fluorene	ug/L	-/-	ND < 0.095	U
Heptachlor	ug/L	-/-	ND < 0.0028	UJ (C)
Heptachlor epoxide	ug/L	-/-	ND < 0.0024	UJ (C)
Hexachlorobenzene	ug/L	-/-	ND < 0.095	U
Hexachlorobutadiene	ug/L	-/-	ND < 0.19	U
Hexachlorocyclopentadiene	ug/L	-/-	ND < 0.095	U
Hexachloroethane	ug/L	-/-	ND < 0.19	U
Hydrazine	ug/L	-/-	ND < 0.60	UJ (C)
Unsymmetrical Dimethyl Hydrazine	ug/L	-/-	ND < 1.42	U
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ND < 0.095	U
Isophorone	ug/L	-/-	ND < 0.095	UJ (*III)
Lindane (gamma-BHC)	ug/L	-/-	ND < 0.0028	UJ (C)
Methoxychlor	ug/L	-/-	ND < 0.0033	UJ (C)
Methylene Chloride	ug/L	-/-	ND < 0.95	U
m-Nitroaniline	ug/L	-/-	ND < 0.19	U
Monomethyl Hydrazine	ug/L	-/-	ND < 1.70	U
Naphthalene	ug/L	-/-	ND < 0.095	U
Nitrobenzene	ug/L	-/-	ND < 0.095	U
n-Nitrosodimethylamine	ug/L	16.3/-	ND < 0.095	U
n-Nitroso-di-n-propylamine	ug/L	-/-	ND < 0.095	UJ (*III)
n-Nitrosodiphenylamine	ug/L	-/-	ND < 0.095	U
o-Nitroaniline	ug/L	-/-	ND < 0.095	U
p-Cresol	ug/L	-/-	ND < 0.19	U
Pentachlorophenol	ug/L	16.5/-	ND < 0.095	U
Phenanthrene	ug/L	-/-	ND < 0.095	U
Phenol	ug/L	-/-	ND < 0.29	U
p-Nitroaniline	ug/L	-/-	ND < 0.48	UJ (*III)
Pyrene	ug/L	-/-	ND < 0.095	U
Toxaphene	ug/L	-/-	ND < 0.24	U
trans-1,2-Dichloroethene	ug/L	-/-	ND < 0.30	U
trans-1,3-Dichloropropene	ug/L	-/-	ND < 0.32	U

OUTFALL 018 (R-2 Spillway)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date February 16, 2009

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER		1998 WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	2.06E-04	--		0.01	**2.1E-06**	**2.1E-06**
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.50E-05	3.02E-05	--		0.01	**3.0E-07**	**3.0E-07**
1,2,3,4,7,8,9-HpCDF	3.97E-06	2.50E-05	ND	U		0.01	**ND**	**ND**
1,2,3,4,7,8-HxCDD	2.34E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,4,7,8-HxCDF	1.43E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,6,7,8-HxCDD	0.00E+00	2.50E-05	8.01E-06	J (DNQ)		0.1	**8.0E-07**	**ND**
1,2,3,6,7,8-HxCDF	1.36E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8,9-HxCDD	0.00E+00	2.50E-05	5.51E-06	J (DNQ)		0.1	**5.5E-07**	**ND**
1,2,3,7,8,9-HxCDF	2.26E-06	2.50E-05	ND	U		0.1	**ND**	**ND**
1,2,3,7,8-PeCDD	1.42E-06	2.50E-05	ND	U		1	**ND**	**ND**
1,2,3,7,8-PeCDF	7.97E-07	2.50E-05	ND	U		0.05	**ND**	**ND**
2,3,4,6,7,8-HxCDF	0.00E+00	2.50E-05	1.84E-06	J (DNQ)		0.1	**1.8E-07**	**ND**
2,3,4,7,8-PeCDF	8.12E-07	2.50E-05	ND	U		0.5	**ND**	**ND**
2,3,7,8-TCDD	5.31E-07	5.00E-06	ND	U		1	**ND**	**ND**
2,3,7,8-TCDF	4.59E-07	5.00E-06	ND	U		0.1	**ND**	**ND**
OCDD	0.00E+00	5.00E-05	2.39E-03	--		0.0001	**2.4E-07**	**2.4E-07**
OCDF	0.00E+00	5.00E-05	7.74E-05	--		0.0001	**7.7E-09**	**7.7E-09**

TCDD TEQ w/ DNQ Values	**4.1E-06**	
TCDD TEQ w/out DNQ Values		**2.6E-06**

Dioxin TCDD TEQ compliance limit established for this outfall? Yes **TCDD TEQ PERMIT LIMIT = 2.8E-08**

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

OUTFALL 018 (R-2 Spillway)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	Result	2/16/2009 CONCENTRATION RESULT VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	LBS/DAY	13,500/-	5.97	*
Biochemical Oxygen Demand (BOD 5 day)	LBS/DAY	40,032/-	9.38	J* (DNQ)
Chloride	LBS/DAY	200,160/-	149.23	*
Surfactants (MBAS)	LBS/DAY	667/-	ND	*
Fluoride	LBS/DAY	2,135/-	1.07	B*
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	10,700/-	ND	*
Nitrate as Nitrogen (N)	LBS/DAY	10,700/-	0.95	J* (DNQ)
Nitrite-N	LBS/DAY	1,334/-	ND	*
Oil and Grease	LBS/DAY	20,016/-	21.32	J* (DNQ)
Perchlorate	LBS/DAY	8/-	ND	*
Sulfate	LBS/DAY	400,320/-	351.76	*
Total Cyanide	LBS/DAY	11.3/-	ND	*
Total Dissolved Solids	LBS/DAY	1,270,000/-	2345.07	*
Total Residual Chlorine	LBS/DAY	133/-	ND	HFT*
Total Suspended Solids	LBS/DAY	60,048/-	1598.91	--
METALS				
Antimony	LBS/DAY	8.01/-	ND	U (B)
Arsenic	LBS/DAY	66.7/-	0.09	J (DNQ)
Barium	LBS/DAY	1,330/-	0.66	--
Beryllium	LBS/DAY	5.34/-	ND	U
Cadmium	LBS/DAY	4.14/-	0.003	J (DNQ)
Chromium IV	LBS/DAY	21.8/-	ND	*
Copper	LBS/DAY	18.7/-	0.10	J (*III)
Iron	LBS/DAY	400/-	127.91	--
Lead	LBS/DAY	6.94/-	0.09	--
Manganese	LBS/DAY	66.7/-	1.49	--
Mercury	LBS/DAY	0.13/-	0.0004	J (DNQ)
Nickel	LBS/DAY	128/-	ND	U (B)
Selenium	LBS/DAY	10.9/-	0.01	J (*III, DNQ)
Silver	LBS/DAY	5.5/-	ND	U
Thallium	LBS/DAY	2.7/-	ND	U
Zinc	LBS/DAY	159/-	0.67	--
ORGANICS				
1,1-Dichloroethene	LBS/DAY	8/-	ND	U
Trichloroethene	LBS/DAY	6.7/-	ND	U
ADDITIONAL ANALYTE				

J23394 0 Tc (U) Tj T0 1 Tf 8.35 N (1 Tf n, ln 3s Td lroethene) Tj 1995 0 Td [LBc 1, md 3394 (T 2 (U) Tj 8.35 BE (ND) Tj J23394

BMP EFFECTIVENESS
OUTFALL 018 (R-2 Spillway)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

SAMPLE NAME	SAMPLE DATE	ANALYTE	UNITS	RESULT
018 EFF-1	02/16/09	Density	g/cc	1.0*
018 EFF-1	02/16/09	Sediment	mg/L	ND <10*
018 EFF-2	02/16/09	Density	g/cc	1.0*
018 EFF-2	02/16/09	Sediment	mg/L	ND <10*

ARROYO SIMI RECEIVING WATER (Frontier Park)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

			2/27/2009	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
pH (Field)	pH Units	6.5-8.5/-	7.6	*
Temperature	deg F	-/-	57	*
Hardness	mg/L	-/-	810	--
Water Velocity	ft/sec	-/-	0.13	*
METALS				
Calcium	mg/L	-/-	210	--
Magnesium	mg/L	-/-	71	--
ADDITIONAL ANALYTES				
Chlorpyrifos	ug/L	0.02/-	ND < 0.10	U
Diazinon	ug/L	0.16/-	ND < 0.24	U
4,4'-DDD	ug/L	0.0014/-	ND < 0.0019	C*
4,4'-DDE	ug/L	0.001/-	ND < 0.0029	*
4,4'-DDT	ug/L	0.001/-	ND < 0.0038	*
Aroclor-1016	ug/L	0.0003/-	ND < 0.24	*
Aroclor-1221	ug/L	0.0003/-	ND < 0.24	*
Aroclor-1232	ug/L	0.0003/-	ND < 0.24	*
Aroclor-1242	ug/L	0.0003/-	ND < 0.24	*
Aroclor-1248	ug/L	0.0003/-	ND < 0.24	*
Aroclor-1254	ug/L	0.0003/-	ND < 0.24	*
Aroclor-1260	ug/L	0.0003/-	ND < 0.24	*
Chlordane	ug/L	0.001/-	ND < 0.038	*
Dieldrin	ug/L	0.0002/-	ND < 0.0019	*
Toxaphene	ug/L	0.0003/-	ND < 0.24	*

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

ARROYO SIMI SEDIMENT (Frontier Park)

FIRST QUARTER 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2009

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/27/2009 RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/Kg	-/-	4.0	J (DNQ)
pH (Field)	pH Units	-/-	7.6	*
Conductivity (Field)	umhos/cm	-/-	2120	*
Dissolved Oxygen (Field)	mg/L			