

OUTFALL 012 (Alfa Test Stand)

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

January 1 through December 31, 2009

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	2/7/2009		2/16/2009	
			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					

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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,i)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	*		



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**Sample Date February 7, 2009**

**ANALYTE**

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