

SUMMARY OF PERMIT LIMIT EXCEEDANCES

**ANNUAL 2011
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

DAILY MAX PERMIT LIMIT EXCEEDANCES							
OUTFALL	LOCATIONS	SAMPLE DATE	ANALYTE	PERMIT LIMIT DAILY MAX	DAILY MAX RESULT	UNITS	RESULT CONCENTRATION VALIDATION QUALIFIER
Outfall 011	Perimeter Pond Weir	03/20/11	Iron	0.3	3.6	mg/L	--
Outfall 011	Perimeter Pond Weir	03/20/11	Manganese	50	55	ug/L	--
Outfall 018	R-2 Spillway	02/27/11	Iron	0.3	0.74	mg/L	--
Outfall 018	R-2 Spillway	03/20/11	Iron	0.3	1.1	mg/L	--
Outfall 009	WS-13 Drainage	03/20/11	TCDD TEQ_NoDNQ	2.80E-08	8.26E-08	ug/L	--
Arroyo Simi	Frontier Park Receiving Water	02/24/11	E. Coli	235	300	MPN/100 ml	--
Arroyo Simi	Frontier Park Receiving Water	03/19/11	E. Coli	235	>=1600	MPN/100 ml	--
Arroyo Simi	Frontier Park Receiving Water	03/19/11	Fecal Coliform	400	>=1600	MPN/100 ml	--
Arroyo Simi	Frontier Park Receiving Water	03/24/11	E. Coli	235	>=1600	MPN/100 ml	--
Arroyo Simi	Frontier Park Receiving Water	03/24/11	Fecal Coliform	400	>=1600	MPN/100 ml	--
Outfall 019	Treatment System	9/07-08/2011	Chloride	150	170	mg/L	--
Outfall 019	Treatment System	10/20/11	Chloride	150	250	mg/L	--
Outfall 019	Treatment System	10/20/11	Total Dissolved Solids	950	1100	mg/L	--

GEOMETRIC MEAN PERMIT LIMIT EXCEEDANCES							
OUTFALL	LOCATIONS	SAMPLE DATE	ANALYTE	PERMIT LIMIT DAILY MAX	DAILY MAX RESULT	UNITS	RESULT CONCENTRATION VALIDATION QUALIFIER
Arroyo Simi	Frontier Park Receiving Water	3/9-4/7/2011	E. Coli	126	246	MPN/100 ml	--
Arroyo Simi	Frontier Park Receiving Water	3/9-4/7/2011	Fecal Coliform	200	283	MPN/100 ml	--

DAILY MASS PERMIT LIMIT EXCEEDANCES							
OUTFALL	LOCATIONS	SAMPLE DATE	ANALYTE	BENCHMARK LIMIT MASS DAILY MAX	DAILY MASS RESULT	UNITS	RESULT CONCENTRATION VALIDATION QUALIFIER
Outfall 009	WS-13 Drainage	03/20/11	TCDD TEQ_NoDNQ	4.20E-09	8.02E-09	lbs/day	--

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DAILY MAX BENCHMARK LIMIT EXCEEDANCES							
OUTFALL	LOCATIONS	SAMPLE DATE	ANALYTE	BENCHMARK LIMIT DAILY MAX	DAILY MAX RESULT	UNITS	RESULT CONCENTRATION VALIDATION QUALIFIER
Outfall 001	South Slope below Perimeter Pond	03/20/11	Iron	0.3	5.7	mg/L	--
Outfall 001	South Slope below Perimeter Pond	03/20/11	Manganese	50	81	ug/L	--
Outfall 001	South Slope below Perimeter Pond	03/20/11	TCDD TEQ_NoDNQ	2.80E-08	3.27E-08	ug/L	--
Outfall 002	South Slope below R-2 Pond	02/19/11	Iron	0.3	0.97	mg/L	--
Outfall 002	South Slope below R-2 Pond	02/26/11	Iron	0.3	0.49	mg/L	--
Outfall 002	South Slope below R-2 Pond	03/20/11	Iron	0.3	5.4	mg/L	--
Outfall 002	South Slope below R-2 Pond	03/20/11	TCDD TEQ_NoDNQ	2.80E-08	4.98E-08	ug/L	--

DAILY MASS BENCHMARK LIMIT EXCEEDANCES							
OUTFALL	LOCATIONS	SAMPLE DATE	ANALYTE	BENCHMARK LIMIT MASS DAILY MAX	DAILY MASS RESULT	UNITS	RESULT CONCENTRATION VALIDATION QUALIFIER
Outfall 002	South Slope below R-2 Pond	03/20/11	Iron	400	468.23	lbs/day	--