

APPENDIX E

FIRST QUARTER 2011 SUMMARY OF PERMIT LIMIT
EXCEEDENCES

SUMMARY OF PERMIT LIMIT EXCEEDANCES

**FIRST QUARTER 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	--

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	--

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SINGLE SAMPLE MAXIMUM RECEIVING WATER 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	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	--

GEOMETRIC MEAN RECEIVING WATER 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	3/9-3/29/2011	E. Coli	126	246	MPN/100 ml	--
Arroyo Simi	Frontier Park Receiving Water	3/9-3/29/2011	Fecal Coliform	200	283	MPN/100 ml	--