

TABLE 3

**2010 SUMMARY OF PERMIT LIMIT AND
BENCHMARK LIMIT EXCEEDENCES**

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**TABLE 3
SUMMARY OF PERMIT LIMIT EXCEEDANCES**

**ANNUAL 2010
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	VALIDATION QUALIFIER
Outfall 006	FSDf-2	01/19/10	TCDD TEQ_NoDNQ	2.80E-08	1.69E-06	ug/L	--
Outfall 010	Building 203	01/19/10	TCDD TEQ_NoDNQ	2.80E-08	8.76E-07	ug/L	--
Outfall 010	Building 203	02/06/10	TCDD TEQ_NoDNQ	2.80E-08	1.58E-06	ug/L	--
Outfall 010	Building 203	02/28/10	TCDD TEQ_NoDNQ	2.80E-08	1.02E-06	ug/L	--
Outfall 011	Perimeter Pond Weir	01/21/10	Iron	0.3	9.7	mg/L	--
Outfall 011	Perimeter Pond Weir	01/21/10	Lead	5.2	5.7	ug/L	--
Outfall 011	Perimeter Pond Weir	01/21/10	Manganese	50	140	ug/L	--
Outfall 011	Perimeter Pond Weir	01/21/10	TCDD TEQ_NoDNQ	2.80E-08	5.63E-07	ug/L	--
Outfall 011	Perimeter Pond Weir	02/07/10	Iron	0.3	2	mg/L	--
Outfall 011	Perimeter Pond Weir	02/07/10	Manganese	50	120	ug/L	--
Outfall 018	R-2 Spillway	01/19/10	Iron	0.3	1.6	mg/L	--
Outfall 018	R-2 Spillway	01/19/10	Manganese	50	140	ug/L	--
Outfall 018	R-2 Spillway	01/19/10	TCDD TEQ_NoDNQ	2.80E-08	8.96E-07	ug/L	--
Outfall 018	R-2 Spillway	02/07/10	Manganese	50	210	ug/L	--
Outfall 009	WS-13 Drainage	10/06/10	Lead	5.2	11	ug/L	--
Outfall 009	WS-13 Drainage	10/06/10	TCDD TEQ_NoDNQ	2.80E-08	3.90E-08	ug/L	--
Outfall 008	Happy Valley Drainage	12/19/10	Lead	5.2	6.7	ug/L	--
Outfall 018	R-2 Spillway	12/20-21/2010	Iron	0.3	2.3	mg/L	--
Outfall 011	Perimeter Pond Weir	12/22-23/2010	Iron	0.3	6.4	mg/L	--
Outfall 011	Perimeter Pond Weir	12/22-23/2010	Manganese	50	62	ug/L	--

TABLE 3
SUMMARY OF BENCHMARK LIMIT EXCEEDANCES

ANNUAL 2010
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

DAILY MAX BENCHMARK LIMIT EXCEEDANCES							
OUTFALL	LOCATIONS	SAMPLE DATE	ANALYTE	BENCHMARK LIMIT	DAILY MAX RESULT	UNITS	VALIDATION QUALIFIER
Outfall 001	South Slope below Perimeter Pond	01/18/10	Iron	0.3	23	mg/L	--
Outfall 001	South Slope below Perimeter Pond	01/18/10	Lead	5.2	13	ug/L	--
Outfall 001	South Slope below Perimeter Pond	01/18/10	Manganese	50	400	ug/L	--
Outfall 001	South Slope below Perimeter Pond	01/18/10	TCDD TEQ_NoDNQ	2.80E-08	1.33E-06	ug/L	--
Outfall 001	South Slope below Perimeter Pond	02/06/10	Copper	14	14.3	ug/L	J (*III)
Outfall 001	South Slope below Perimeter Pond	02/06/10	Iron	0.3	9.7	mg/L	--
Outfall 001	South Slope below Perimeter Pond	02/06/10	Lead	5.2	6.4	ug/L	--
Outfall 001	South Slope below Perimeter Pond	02/06/10	Manganese	50	150	ug/L	--
Outfall 002	South Slope below R-2 Pond	01/19/10	Iron	0.3	2	mg/L	--
Outfall 002	South Slope below R-2 Pond	01/19/10	Manganese	50	86	ug/L	J (*III)
Outfall 002	South Slope below R-2 Pond	01/19/10	TCDD TEQ_NoDNQ	2.80E-08	6.42E-07	ug/L	--
Outfall 002	South Slope below R-2 Pond	02/05/10	Iron	0.3	0.61	mg/L	--
Outfall 002	South Slope below R-2 Pond	02/28/10	Iron	0.3	7.4	mg/L	--
Outfall 002	South Slope below R-2 Pond	02/28/10	Manganese	50	130	ug/L	J (*III)
Outfall 002	South Slope below R-2 Pond	02/28/10	TCDD TEQ_NoDNQ	2.80E-08	6.81E-07	ug/L	--
Outfall 008	Happy Valley Drainage	01/18/10	Lead	5.2	7.9	ug/L	--
Outfall 008	Happy Valley Drainage	01/18/10	TCDD TEQ_NoDNQ	2.80E-08	2.35E-06	ug/L	--
Outfall 008	Happy Valley Drainage	02/05/10	Lead	5.2	10	ug/L	--
Outfall 008	Happy Valley Drainage	02/28/10	Lead	5.2	7	ug/L	--
Outfall 009	WS-13 Drainage	01/19/10	Lead	5.2	9.3	ug/L	--
Outfall 009	WS-13 Drainage	01/19/10	TCDD TEQ_NoDNQ	2.80E-08	3.43E-06	ug/L	--
Outfall 009	WS-13 Drainage	02/05/10	TCDD TEQ_NoDNQ	2.80E-08	7.21E-07	ug/L	--
Outfall 009	WS-13 Drainage	02/28/10	Lead	5.2	8.9	ug/L	--
Outfall 009	WS-13 Drainage	02/28/10	TCDD TEQ_NoDNQ	2.80E-08	1.09E-06	ug/L	--
Outfall 009	WS-13 Drainage	03/07/10	TCDD TEQ_NoDNQ	2.80E-08	2.90E-08	ug/L	--
Outfall 009	WS-13 Drainage	04/05/10	TCDD TEQ_NoDNQ	2.80E-08	1.58E-06	ug/L	--
Outfall 009	WS-13 Drainage	04/12/10	TCDD TEQ_NoDNQ	2.80E-08	1.47E-06	ug/L	--
Outfall 001	South Slope below Perimeter Pond	12/19-20/2010	Iron	0.3	6.4	mg/L	--
Outfall 001	South Slope below Perimeter Pond	12/19-20/2010	Manganese	50	96	ug/L	--
Outfall 001	South Slope below Perimeter Pond	12/26/10	Iron	0.3	1.8	mg/L	--
Outfall 002	South Slope below R-2 Pond	12/19-20/2010	Iron	0.3	2.7	mg/L	--

MONTHLY AVERAGE BENCHMARK LIMIT EXCEEDANCES							
OUTFALL	LOCATIONS	SAMPLE DATE	ANALYTE	BENCHMARK LIMIT MONTHLY	MONTHLY AVERAGE RESULT	UNITS	VALIDATION QUALIFIER
Outfall 001	South Slope below Perimeter Pond	Jan-10	Copper	7.1	12	ug/L	*
Outfall 001	South Slope below Perimeter Pond	Jan-10	Lead	2.6	13	ug/L	*
Outfall 001	South Slope below Perimeter Pond	Jan-10	Zinc	54	76	ug/L	*
Outfall 001	South Slope below Perimeter Pond	Jan-10	TCDD TEQ_NoDNQ	1.40E-08	1.33E-06	ug/L	*
Outfall 001	South Slope below Perimeter Pond	Feb-10	Chromium	8.1	11	ug/L	*
Outfall 001	South Slope below Perimeter Pond	Feb-10	Copper	7.1	14.3	ug/L	*
Outfall 001	South Slope below Perimeter Pond	Feb-10	Lead	2.6	6.4	ug/L	*
Outfall 001	South Slope below Perimeter Pond	Feb-10	TCDD TEQ_NoDNQ	1.40E-08	2.80E-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 009	WS-13 Drainage	01/19/10	TCDD TEQ_NoDNQ	4.20E-09	6.91E-08	lbs/day	*
Outfall 009	WS-13 Drainage	02/05/10	TCDD TEQ_NoDNQ	4.20E-09	6.66E-09	lbs/day	*
Outfall 009	WS-13 Drainage	02/28/10	TCDD TEQ_NoDNQ	4.20E-09	1.39E-08	lbs/day	*