TABLE AI
AREA I BURN PIT (SWMU 4.8) ANALYTICAL RESULTS
DIOXINS IN SOIL SAMPLES, APRIL 2005
AIBP SWMU 4.8 RFI WORK PLAN
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Sample Identifier	SB_TTFD-1_0-0.5	SB_TTFD-2_0-0.5	SB_TTFD-3_0-0.5	SB_TTFD-4_0-0.5	SB_TTFD-5_0-0.5	SB_TTFD-6_0-0.5
Sample Date	04/14/05	04/14/05	04/14/05	04/14/05	04/14/05	04/14/05
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary
Analysis Method	8290	8290	8290	8290	8290	8290
Laboratory	DMA	DMA	DMA	DMA	STL-SA	STL-SA
Compound (pg/g)						
1,2,3,4,6,7,8-HpCDD	151000	9180 B	67800	4790 B	140	170
1,2,3,4,6,7,8-HpCDF	11900 B	569 B	4900 B	300 B	19	14 Ja
1,2,3,4,7,8,9-HpCDF	1570 B	48.1 B	493 B	34.4 B	3.1 J	1.0 U
1,2,3,4,7,8-HxCDD	3500	135	1080	68.3	2.3 U	3.9 J
1,2,3,4,7,8-HxCDF	735 B	22.5 B	204 B	18.4 B	6.4	2.1 U
1,2,3,6,7,8-HxCDD	7280	297	2420	180	6.1	7.7
1,2,3,6,7,8-HxCDF	852 J,B	25.5 J,B	240 J	19.3 J,B	2.8 J	1.3 U
1,2,3,7,8,9-HxCDD	4740	221	1690	119	5.0 J	9.8
1,2,3,7,8,9-HxCDF	212 B	5.01 B	52.9	5.04 B	0.57 U	0.36 U
1,2,3,7,8-PeCDD	1450	48.2	401	28.3	1.2 U	2.1 U
1,2,3,7,8-PeCDF	138 B	4.64 B	33.5 B	3.73 B	0.73 U	1.4 U
2,3,4,6,7,8-HxCDF	1080 B	27.6 B	290 B	20.4 B	1.8 U	1.2 U
2,3,4,7,8-PeCDF	193	6.69	47.4	5.86	3.4 J	2.5 U
2,3,7,8-TCDD	96.1	3.82	26	1.7	0.47 U	0.35 U
2,3,7,8-TCDF	1.97 J	1.47	7.06	1.45	1.1 CON, Ja	2.5 CON
OCDD	819000 J	95100	453000	65200	1100	1500
OCDF	29100 B	2130 B	14700 B	903 B	42	31
Total HpCDD	258000	17300 B	120000	8850 B	280	410
Total HpCDF	50500 B	2630 B	21500 B	1280 B	65	41
Total HxCDD	39900	1850	14800	934	36	69
Total HxCDF	23000 J,B	843 J,B	7770 J,B	510 J,B	32	14
Total PeCDD	4210	148	1200	77.7	1.5 U	2.1 U
Total PeCDF	5970 J,B	198 J,B	1460 J,B	117 J,B	17	8.7
Total TCDD	340	14.4	87.7	8.26	0.47 U	0.86
Total TCDF	1270 J	87.7 J	266 J	51.1 J	14	17
2,3,7,8-TCDD TEQ	5257.4	290.21	2049.9	179.5	8.18	8.99

See last page of Table AI for notes and abbreviations.

TABLE AI
NOTES AND ABBREVIATIONS

DMA	=	Del Mar Analytical of Irvine, California.
STL-SA	=	Severn Trent Laboratories of Sacramento, California.
Primary	=	Primary sample.
B	=	Estimated value (compound was detected in method blank).
CON	=	Confirmation analysis.
Ja	=	The analyte was positively identified, but the quantitation is an estimate.
J	=	Estimated value.
U	=	Not detected.

TABLE AII
AREA I BURN PIT (SWMU 4.8) SUMMARY OF RECENT SOIL SAMPLE ANALYSIS, 2006
AIBP SWMU 4.8 RFI WORK PLAN
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Sample Identifier	TTBS15S01, TTLS15S01*	TTBS17S01, TTLS17S01*	TTBS19S01, TTLS19S01*	TTBS20S01, TTLS20S01*	TTBS22S01, TTLS22S01*	TTBS23S01, TTLS23S01*	TTBS24S01, TTLS24S01*	TTBS25S01, TTLS25S01*
Sample Date	02/21/06	02/23/06	02/23/06	02/23/06	02/23/06	02/23/06	02/23/06	02/23/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Analyses Performed	6010B 6020 7471A 314.0 MOD.	6010B 6020 7471A 314.0 MOD. 1613	6010B 6020 7471A 314.0 MOD.	314.0 MOD. 1613	6010B 6020 7471A 314.0 MOD.	6010B 6020 7471A 314.0 MOD.	6010B 6020 7471A 314.0 MOD. 1613 8270C SIM	6010B 6020 7471A 314.0 MOD. 1613 8270C SIM

See last page of Table AII for notes and abbreviations.

TABLE AII
AREA I BURN PIT (SWMU 4.8) SUMMARY OF RECENT SOIL SAMPLE ANALYSIS, 2006
AIBP SWMU 4.8 RFI WORK PLAN
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Sample Identifier	TTBS26S01, TTLS26S01*	TTBS27S01, TTLS27S01*	TTBS28S01, TTLS28S01*	TTBS29S01, TTLS29S01*	TTBS30S01, TTLS30S01*	TTBS31S01	TTBS32S01	TTBS33S01
Sample Date	02/23/06	02/24/06	02/24/06	02/24/06	02/24/06	02/24/06	02/24/06	02/24/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Analyses Performed	314.0 MOD. 1613	6010B 6020 7471A 314.0 MOD.	6010B 6020 7471A 314.0 MOD.	6010B 6020 7471A 314.0 MOD. 1613	6010B 6020 7471A 314.0 MOD.	1613	1613 8270C SIM	6010B 6020 7471A

See last page of Table AII for notes and abbreviations.

TABLE AII
AREA I BURN PIT (SWMU 4.8) SUMMARY OF RECENT SOIL SAMPLE ANALYSIS, 2006
AIBP SWMU 4.8 RFI WORK PLAN
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Sample Identifier	TTBS43S01, TTLS43S01*	TTBS43S02, TTLS43S02*	TTBS44S01, TTLS44S01*	TTBS44S02, TTLS44S02*	TTBS44S03, TTLS44S03*	TTBS45S01	TTBS45S02	TTBS45S03
Sample Date	05/25/06	05/25/06	05/25/06	05/25/06	05/25/06	05/25/06	05/25/06	05/25/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Analyses Performed	6010B	6010B	6010B	6010B	6010B	6010B	6010B	6010B
	6020	6020	6020	6020	6020	6020	6020	6020
	7471A	7471A	7471A	7471A	7471A	7471A	7471A	7471A
	314.0 MOD.	314.0 MOD.	314.0 MOD.	314.0 MOD.	314.0 MOD.			
	1613	1613	1613	1613	1613			
	8270C SIM	8270C SIM	8270C SIM	8270C SIM	8270C SIM			
	8015 MOD.	8015 MOD.	8015 MOD.	8015 MOD.	8015 MOD.			

See last page of Table AII for notes and abbreviations.

TABLE AII
AREA I BURN PIT (SWMU 4.8) SUMMARY OF RECENT SOIL SAMPLE ANALYSIS, 2006
AIBP SWMU 4.8 RFI WORK PLAN
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Sample Identifier	TTBS46S01	TTBS47S01	TTBS48S01	TTBS49S01	TTBS49S01	TTBS52S01	TTBS53S01	TTBS54S01
Sample Date	05/25/06	05/25/06	05/25/06	05/25/06	05/25/06	05/26/06	05/26/06	05/26/06
Sample Type	Primary	Primary	Primary	Primary	Split	Primary	Primary	Primary
Analyses Performed	6020 7471A	6010B 6020 7471A	6010B 6020 7471A	6010B 6020 7471A 1613	6010B 7471A 1613	6010B 6020 7471A 1613	6010B 6020 7471A 1613	6010B 6020 7471A 1613

See last page of Table AII for notes and abbreviations.

TABLE AII
AREA I BURN PIT (SWMU 4.8) SUMMARY OF RECENT SOIL SAMPLE ANALYSIS, 2006
AIBP SWMU 4.8 RFI WORK PLAN
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Sample Identifier	TTBS57S01	TTBS57D01	TTBS57S01	TTBS62S01	TTBS63S01	TTBS65S01	TTBS66S01	TTBS67S01
Sample Date	05/26/06	05/26/06	05/26/06	05/30/06	05/30/06, 06/13/06	05/30/06, 06/13/06	05/30/06	05/30/06
Sample Type	Primary	Dup	Split	Primary	Primary	Primary	Primary	Primary
Analyses Performed	6010B 6020 7471A 1613	6010B 6020 7471A 1613	6010B 7471A 1613	6010B 6020 7471A 1613	6010B 6020 7471A 1613 8260B	6010B 6020 7471A 1613 8260B	6010B 6020 7471A 1613	6010B 6020 7471A 1613

See last page of Table AII for notes and abbreviations.

TABLE AII
AREA I BURN PIT (SWMU 4.8) SUMMARY OF RECENT SOIL SAMPLE ANALYSIS, 2006
AIBP SWMU 4.8 RFI WORK PLAN
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Sample Identifier	TTBS67D01	TTBS68S01	TTBS68S02	TTBS69S01	TTBS70S01	TTBS70S02	TTBS70S03	TTBS71S01
Sample Date	05/30/06	05/30/06, 06/13/06	05/30/06, 06/13/06	05/30/06, 06/13/06	05/30/06	05/30/06	05/30/06	05/30/06, 06/15/06
Sample Type	Dup	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Analyses Performed	6010B	6010B	6010B	6010B	6010B	6010B	6010B	6010B
	6020	6020	6020	6020	6020	6020	6020	6020
	7471A	7471A	7471A	7471A	7471A	7471A	7471A	7471A
	1613	1613	1613	1613	1613	1613	1613	1613
		8260B	8260B	8260B				8260B

See last page of Table AII for notes and abbreviations.

TABLE AII
AREA I BURN PIT (SWMU 4.8) SUMMARY OF RECENT SOIL SAMPLE ANALYSIS, 2006
AIBP SWMU 4.8 RFI WORK PLAN
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Sample Identifier	TTBS73S01	TTBS74S01	TTBS74S01	TTBS74S02	TTBS76S01	TTBS77S01	TTBS77S02	TTBS78S01
Sample Date	05/31/06	05/31/06	05/31/06	05/31/06	05/31/06	05/31/06	05/31/06	05/31/06
Sample Type	Primary	Primary	Split	Primary	Primary	Primary	Primary	Primary
Analyses Performed	1613	1613	1613	1613	1613	1613	1613	1613

See last page of Table AII for notes and abbreviations.

TABLE AII
AREA I BURN PIT (SWMU 4.8) SUMMARY OF RECENT SOIL SAMPLE ANALYSIS, 2006
AIBP SWMU 4.8 RFI WORK PLAN
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Sample Identifier	TTBS79S01	TTBS79S02	TTBS80S01	TTBS85S03	TTBS86S03
Sample Date	05/31/06	05/31/06	05/31/06	06/02/06	06/02/06
Sample Type	Primary	Primary	Primary	Primary	Primary
Analyses Performed	1613	1613	6020 7471A	8260B	8260B

See last page of Table AII for notes and abbreviations.

TABLE AII
NOTES AND ABBREVIATIONS

Primary	=	Primary sample.
Dup	=	Duplicate sample.
Split	=	Split sample.
*	=	Co-located leachate sample for perchorate analysis.
6010B	=	EPA method 6010B for aluminum and boron.
6020	=	EPA method 6020 for metals.
7471A	=	EPA method 7471A for mercury.
314.0 MOD.	=	EPA method 314.0 MOD modified for perchlorate.
1613	=	EPA method 1613 for dioxins.
8270C SIM	=	EPA method 8270C SIM for polycyclic aromatic hydrocarbons (PAHs).
8015 MOD.	=	EPA method 8015 MOD modified for total petroleum hydrocarbons (TPHs).
8260B	=	EPA method 8260B for volatile organic compounds (VOCs).

TABLE AIII
AREA I BURN PIT (SWMU 4.8) ANALYTICAL RESULTS FOR RECENT SOIL SAMPLING -
METALS IN SOIL SAMPLES, 2006
AIBP SWMU 4.8 RFI WORK PLAN
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Sample Identifier			TTBS15S01	TTBS17S01	TTBS19S01	TTBS22S01	TTBS23S01	TTBS24S01	TTBS25S01	TTBS27S01
Sample Date			02/21/06	02/23/06	02/23/06	02/23/06	02/23/06	02/23/06	02/23/06	02/24/06
Sample Type			Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Laboratory			DMA	DMA	DMA	DMA	DMA	DMA	DMA	DMA
Analyte	**Units**	**SRAM Background Levels**								
Aluminum	mg/kg	20000	17000	15000	25000	11000	15000	13000	12000	12000
Boron	mg/kg	9.7	7	14	11	6.1	9.5	22	4.8 UJ	7 UJ
Iron	mg/kg	NA	---	---	---	---	---	---	---	---
Antimony	mg/kg	8.7	78	0.046 J	0.36 UJ	0.38 UJ	0.36 UJ	0.35 UJ	0.37 UJ	0.19 UJ
Arsenic	mg/kg	15	4.3 J	56	2.9	3.9	3.4	4.8	3.9	2.7
Barium	mg/kg	140	78	280	57	60	83	68	71	71
Beryllium	mg/kg	1.1	0.64	0.66	0.51	0.52	0.67	0.53	0.62	0.73
Cadmium	mg/kg	1	0.18 UJ	0.71	0.12	0.23	0.31	0.15	0.053	0.036
Chromium	mg/kg	37	39	160	49	27	32	17	14	11
Cobalt	mg/kg	21	7.1	8.5	18	5.1	11	3.1	4.6	4.2
Copper	mg/kg	29	12	89	17	14	86	12	5.7	5
Lead	mg/kg	34	9.4	43	4.6	11	24	13	4.8	5
Molybdenum	mg/kg	5.3	2.7 J	29	0.47	2	3.6	1.5	0.4	0.35
Nickel	mg/kg	29	62	660	56	49	19	8.2	9.1	6.9
Selenium	mg/kg	0.655	0.33 UJ	1.3 UJ	1.4 UJ	1.3 UJ	1.3 UJ	1.3 UJ	1.3 UJ	0.21 U
Silver	mg/kg	0.79	0.17	1.2	0.074	0.27	0.13	0.033	0.037	0.027
Thallium	mg/kg	0.46	0.36	0.2	0.13	0.18	0.18	0.21	0.23	0.27
Vanadium	mg/kg	62	36	27	60	24	27	27	26	22
Zinc	mg/kg	110	42	130	46	66	160	57	37	38
Mercury	mg/kg	0.09	0.064	0.083	0.1	0.17	0.054	0.0063 UJ	0.0058 UJ	0.0073

See last page of Table AIII for notes and abbreviations.

TABLE AIII
AREA I BURN PIT (SWMU 4.8) ANALYTICAL RESULTS FOR RECENT SOIL SAMPLING -
METALS IN SOIL SAMPLES, 2006
AIBP SWMU 4.8 RFI WORK PLAN
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Sample Identifier			TTBS28S01	TTBS29S01	TTBS30S01	TTBS33S01	TTBS43S01*	TTBS43S02*	TTBS44S01*	TTBS44S02*
Sample Date			02/24/06	02/24/06	02/24/06	02/24/06	05/25/06	05/25/06	05/25/06	05/25/06
Sample Type			Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Laboratory			DMA	DMA	DMA	DMA	DMA	DMA	DMA	DMA
Analyte	**Units**	**SRAM Background Levels**								
Aluminum	mg/kg	20000	10000	15000	16000	10000	13000	13000	12000	13000
Boron	mg/kg	9.7	4.9 UJ	6.5 UJ	6.2 UJ	6.6 UJ	3.3 J	2.3 J	3.6 J	1.9 J
Iron	mg/kg	NA	---	---	---	---	18000	16000	19000	17000
Antimony	mg/kg	8.7	0.19 UJ	0.092 UJ	0.088 UJ	0.092 UJ	0.25 J	0.13 J	0.25 J	0.16 J
Arsenic	mg/kg	15	3.1	3.6	4.7	5.6	3.5	2.8	4	2
Barium	mg/kg	140	60	73	75	65	56	57	61	66
Beryllium	mg/kg	1.1	0.55	0.64	0.76	0.68	0.62	0.5	0.65	0.59
Cadmium	mg/kg	1	0.057	0.088	0.069	0.099	0.14 J	0.052 J	0.11 J	0.095 J
Chromium	mg/kg	37	12	15	16	15	13	11	15	12
Cobalt	mg/kg	21	4.2	5.1	5.2	5.3	5.1	4.3	5	4.2
Copper	mg/kg	29	5.7	8.5	9.3	8.1	7.8	5.2	8.2	5.8
Lead	mg/kg	34	4.7	5.8	6.5	12	6.3	4.8	6.7	5
Molybdenum	mg/kg	5.3	0.45	0.44	0.46	0.44	0.48 J	0.37 J	0.41 J	2.7
Nickel	mg/kg	29	7.6	10	11	10	10	7.5	11	7.2
Selenium	mg/kg	0.655	0.21 U	0.72 U	0.72 U	0.76 U	0.35 J	0.22 J	0.23 J	0.22 U
Silver	mg/kg	0.79	0.038	0.045	0.055	0.055	0.05 J	0.04 J	0.052 J	0.08 J
Thallium	mg/kg	0.46	0.29	0.28	0.26	0.22	0.29 J	0.25 J	0.24 J	0.21 J
Vanadium	mg/kg	62	21	26	28	28	22	20	26	21
Zinc	mg/kg	110	34	44	45	43	36	31	70	49
Mercury	mg/kg	0.09	0.0078	0.0033 U	0.0055	0.014	0.015 J	0.0032 U	0.019 J	0.029

See last page of Table AIII for notes and abbreviations.

TABLE AIII
AREA I BURN PIT (SWMU 4.8) ANALYTICAL RESULTS FOR RECENT SOIL SAMPLING -
METALS IN SOIL SAMPLES, 2006
AIBP SWMU 4.8 RFI WORK PLAN
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Sample Identifier			TTBS44S03*	TTBS45S01*	TTBS45S02*	TTBS45S03*	TTBS46S01*	TTBS47S01*	TTBS48S01*	TTBS49S01*
Sample Date			05/25/06	05/25/06	05/25/06	05/25/06	05/25/06	05/25/06	05/25/06	05/25/06
Sample Type			Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Laboratory			DMA	DMA	DMA	DMA	DMA	DMA	DMA	DMA
Analyte	**Units**	**SRAM Background Levels**								
Aluminum	mg/kg	20000	13000	13000	13000	9300	---	9000	15000	12000
Boron	mg/kg	9.7	1.7 J	19	13	10	---	1.6 J	3.4 J	3.5 J
Iron	mg/kg	NA	15000	18000	17000	13000	---	15000	19000	19000
Antimony	mg/kg	8.7	0.09 J	0.71 J	0.15 J	0.12 J	0.23 J	0.37 J	0.48 J	0.22 J
Arsenic	mg/kg	15	2.6	3.3	3.1	2.2	4.2	0.33 J	3.8	2.6
Barium	mg/kg	140	42	60	62	34	66	17	63	57
Beryllium	mg/kg	1.1	0.47	0.48	0.51	0.41	0.6	0.1 J	0.56	0.52
Cadmium	mg/kg	1	0.055 J	0.39 J	0.072 J	0.065 J	0.18 J	0.021 U	0.097 J	0.21 J
Chromium	mg/kg	37	9.5	56	13	9.1	14	2	13	17
Cobalt	mg/kg	21	4.8	7.4	5.2	3.8	5.1	0.96	4.4	5.5
Copper	mg/kg	29	4.3	17	7.1	3.9	7.7	1.4	7	9.3
Lead	mg/kg	34	4.6	54	5.8	4.6	8.1	1.1	6.8	11
Molybdenum	mg/kg	5.3	0.4 J	1.1	0.48 J	0.26 J	0.56 J	0.25 J	0.51 J	0.97 J
Nickel	mg/kg	29	6.2	14	9.2	4.5	10	1.5	8.9	17
Selenium	mg/kg	0.655	0.22 U	0.37 J	0.39 J	0.22 U	0.31 J	0.21 U	0.25 J	0.26 J
Silver	mg/kg	0.79	0.03 J	0.061 J	0.044 J	0.024 J	0.051 J	0.021 U	0.053 J	0.091 J
Thallium	mg/kg	0.46	0.18 J	0.21 J	0.22 J	0.15 J	0.23 J	0.2 J	0.26 J	0.21 J
Vanadium	mg/kg	62	19	21	23	17	25	4.4	22	24
Zinc	mg/kg	110	27	57	35	25	43	11	38	110
Mercury	mg/kg	0.09	0.028	0.8	0.0082 J	0.0072 J	0.25	0.018 J	0.039	2.9

See last page of Table AIII for notes and abbreviations.

TABLE AIII
AREA I BURN PIT (SWMU 4.8) ANALYTICAL RESULTS FOR RECENT SOIL SAMPLING -
METALS IN SOIL SAMPLES, 2006
AIBP SWMU 4.8 RFI WORK PLAN
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Sample Identifier			TTBS49S01*	TTBS52S01*	TTBS53S01*	TTBS54S01*	TTBS57S01*	TTBS57D01*	TTBS57S01*	TTBS62S01*
Sample Date			05/25/06	05/26/06	05/26/06	05/26/06	05/26/06	05/26/06	05/26/06	05/30/06
Sample Type			Split	Primary	Primary	Primary	Primary	Dup	Split	Primary
Laboratory			DMA	DMA	DMA	DMA	DMA	DMA	DMA	DMA
Analyte	**Units**	**SRAM Background Levels**								
Aluminum	mg/kg	20000	11600	11000	14000	25000	17000	19000	18100	15000
Boron	mg/kg	9.7	3.2 J	15	9.5	15	10	9.6	1.1 U	10
Iron	mg/kg	NA	5.5	17000	19000	39000	24000	24000	5.3	22000
Antimony	mg/kg	8.7	1.1 U	0.19 J	0.42 J	0.034 U	0.033 U	0.033 U	75.6	0.033 U
Arsenic	mg/kg	15	5.5	3.6	5	2.2	3.3	3.4	0.56	2.2
Barium	mg/kg	140	68	58	76	69	72	73	2.6 J	51
Beryllium	mg/kg	1.1	0.58	0.49	0.54	0.44	0.59	0.54	0.23 U	0.63
Cadmium	mg/kg	1	0.072 J	0.24 J	0.47 J	0.13 J	0.12 J	0.11 J	35.4	0.066 J
Chromium	mg/kg	37	22.5	20	49	47	28	29	9.7	23
Cobalt	mg/kg	21	5.1	4.9	6.6	17	11	8.3	10.5	6.5
Copper	mg/kg	29	12.6	11	26	17	9.3	9.7	25100	6.7
Lead	mg/kg	34	10.4	12	28	5.6	5.4	5.1	5.5	8.1
Molybdenum	mg/kg	5.3	1.3 J	0.83 J	3.4	0.37 J	0.52 J	0.44 J	1.3 J	0.11 U
Nickel	mg/kg	29	21.6	18	69	58	23	24	34	17
Selenium	mg/kg	0.655	0.54 U	0.22 U	0.22 U	0.23 U	0.22 U	0.22 U	0.57 U	0.22 U
Silver	mg/kg	0.79	0.54 U	0.78	1	2.2	0.065 J	0.064 J	0.57 U	0.077 J
Thallium	mg/kg	0.46	1.1 U	0.24 J	0.19 J	0.11 U	0.21 J	0.13 J	1.1 U	0.19 J
Vanadium	mg/kg	62	32.5	23	28	60	42	42	50.1	32
Zinc	mg/kg	110	95.8	61	190	46	36	39	43.9	46
Mercury	mg/kg	0.09	4.1	0.03	0.076	0.014 J	0.01 J	0.02 J	0.012 J	0.02 J

See last page of Table AIII for notes and abbreviations.

TABLE AIII
AREA I BURN PIT (SWMU 4.8) ANALYTICAL RESULTS FOR RECENT SOIL SAMPLING -
METALS IN SOIL SAMPLES, 2006
AIBP SWMU 4.8 RFI WORK PLAN
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Sample Identifier			TTBS63S01*	TTBS65S01*	TTBS66S01*	TTBS67S01*	TTBS67D01*	TTBS68S01*	TTBS68S02*	TTBS69S01*
Sample Date			05/30/06	05/30/06	05/30/06	05/30/06	05/30/06	05/30/06	05/30/06	05/30/06
Sample Type			Primary	Primary	Primary	Primary	Dup	Primary	Primary	Primary
Laboratory			DMA	DMA	DMA	DMA	DMA	DMA	DMA	DMA
Analyte	**Units**	**SRAM Background Levels**								
Aluminum	mg/kg	20000	18000	9800	14000	15000	15000	13000	14000	15000
Boron	mg/kg	9.7	18	6.7	8.4	11	8.8	9.4	9.6	8.8
Iron	mg/kg	NA	26000	37000	20000	21000	20000	20000	21000	23000
Antimony	mg/kg	8.7	0.034 U	0.032 U	0.047 J	0.033 U	0.033 U	0.032 U	0.032 U	0.035 U
Arsenic	mg/kg	15	4.1	2.8	4.1	4.8	4.7	4.9	5.2	4.8
Barium	mg/kg	140	82	38	77	71	67	63	72	81
Beryllium	mg/kg	1.1	0.56	0.4	0.48	0.67	0.61	0.5	0.65	0.54
Cadmium	mg/kg	1	0.22 J	0.045 J	0.27 J	0.39 J	0.35 J	0.19 J	0.34 J	0.12 J
Chromium	mg/kg	37	33	16	36	37	26	23	34	23
Cobalt	mg/kg	21	10	5.3	7.5	6	5.7	6.4	6.1	8.3
Copper	mg/kg	29	15	5.6	15	26	21	12	26	13
Lead	mg/kg	34	9.6	3.9	22	14	13	9	16	9
Molybdenum	mg/kg	5.3	0.86 J	0.33 J	2.4	1.6	1.3	0.86 J	1.5	0.53 J
Nickel	mg/kg	29	33	12	56	35	43	22	34	21
Selenium	mg/kg	0.655	0.23 U	0.21 U	0.21 U	0.22 U	0.22 U	0.21 U	0.21 U	0.23 U
Silver	mg/kg	0.79	0.13 J	0.024 J	0.28 J	0.28 J	0.32 J	0.11 J	0.24 J	0.054 J
Thallium	mg/kg	0.46	0.17 J	0.13 J	0.18 J	0.19 J	0.17 J	0.2 J	0.18 J	0.2 J
Vanadium	mg/kg	62	43	28	32	32	31	32	31	35
Zinc	mg/kg	110	57	38	71	72	73	53	70	55
Mercury	mg/kg	0.09	0.1	0.0032 U	0.09	0.09	0.1	0.027	0.054	0.011 J

See last page of Table AIII for notes and abbreviations.

TABLE AIII
AREA I BURN PIT (SWMU 4.8) ANALYTICAL RESULTS FOR RECENT SOIL SAMPLING -
METALS IN SOIL SAMPLES, 2006
AIBP SWMU 4.8 RFI WORK PLAN
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Sample Identifier			TTBS70S01*	TTBS70S02*	TTBS70S03*	TTBS71S01*	TTBS80S01*
Sample Date			05/30/06	05/30/06	05/30/06	05/30/06	05/31/06
Sample Type			Primary	Primary	Primary	Primary	Primary
Laboratory			DMA	DMA	DMA	DMA	DMA
Analyte	**Units**	**SRAM Background Levels**					
Aluminum	mg/kg	20000	17000	18000	25000	15000	---
Boron	mg/kg	9.7	14	12	16	11	---
Iron	mg/kg	NA	27000	27000	39000	21000	---
Antimony	mg/kg	8.7	0.034 U	0.072 J	0.23 J	0.17 J	0.41 J
Arsenic	mg/kg	15	5.1	6.3	12	4.6	6.5
Barium	mg/kg	140	84	81	85	68	37
Beryllium	mg/kg	1.1	0.61	0.63	0.97	0.5	0.23 J
Cadmium	mg/kg	1	0.17 J	0.16 J	0.23 J	0.19 J	0.57
Chromium	mg/kg	37	29	28	31	26	13
Cobalt	mg/kg	21	8.4	8.8	12	7.7	2.8
Copper	mg/kg	29	14	14	24	12	31
Lead	mg/kg	34	11	13	17	9	20
Molybdenum	mg/kg	5.3	0.49 J	0.61 J	0.88 J	0.98 J	1.7
Nickel	mg/kg	29	25	24	23	27	7.9
Selenium	mg/kg	0.655	0.26 J	0.36 J	0.58 J	0.22 U	0.29 J
Silver	mg/kg	0.79	0.092 J	0.092 J	0.23 J	0.11 J	1.1
Thallium	mg/kg	0.46	0.21 J	0.28 J	0.81	0.24 J	0.27 J
Vanadium	mg/kg	62	42	44	53	35	23
Zinc	mg/kg	110	61	59	85	52	38
Mercury	mg/kg	0.09	0.07	0.03	0.027	0.12	0.025

See last page of Table AIII for notes and abbreviations.

TABLE AIII
NOTES AND ABBREVIATIONS

DMA	=	Del Mar Analytical of Irvine, California.
Primary	=	Primary sample.
Dup	=	Duplicate sample.
Split	=	Split sample.
mg/kg	=	milligram per kilogram.
NA	=	Not available; no SRAM promulgated.
B	=	Estimated value (compound was detected in method blank).
J	=	Estimated value.
U	=	Not detected.
UJ	=	Estimated non detect.
*	=	Data is unvalidated for this sample.
(---)	=	Sample not analyzed for particular constituent.
SRAM	=	Standardized Risk Assessment Methodology (MWH, 2005).

TTBS49S01 was analyzed for pH using EPA method 9045C at 7.14 pH units on 05/26/06.

Mercury was analyzed by EPA method 7471A.
Aluminum, boron, and iron were analyzed by EPA method 6010B.
All other trace metals were analyzed by EPA method 6020 for primary samples, and by EPA method 6010B for split samples.
Results greater than SRAM background levels plotted on Figure 8.

TABLE AIV
AREA I BURN PIT (SWMU 4.8) ANALYTICAL RESULTS FOR RECENT SOIL SAMPLING
PERCHLORATE IN SOIL LEACHATE SAMPLES, 2006
AIBP SWMU 4.8 RFI WORK PLAN
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Sample Identifier	Sample Type	Sample Date	Perchlorate (ug/l)	Analysis Method	Laboratory
TTLS15S01	Primary	02/21/06	4 U	314.0 MOD.	DMA
TTLS17S01	Primary	02/23/06	2.5 J	314.0 MOD.	DMA
TTLS19S01	Primary	02/23/06	2 J	314.0 MOD.	DMA
TTLS20S01	Primary	02/23/06	4 U	314.0 MOD.	DMA
TTLS22S01	Primary	02/23/06	4 U	314.0 MOD.	DMA
TTLS23S01	Primary	02/23/06	4 U	314.0 MOD.	DMA
TTLS24S01	Primary	02/23/06	360	314.0 MOD.	DMA
TTLS25S01	Primary	02/23/06	2.1 J	314.0 MOD.	DMA
TTLS26S01	Primary	02/23/06	0.85 J	314.0 MOD.	DMA
TTLS27S01	Primary	02/24/06	4 U	314.0 MOD.	DMA
TTLS28S01	Primary	02/24/06	4 U	314.0 MOD.	DMA
TTLS29S01	Primary	02/24/06	4 U	314.0 MOD.	DMA
TTLS30S01	Primary	02/24/06	4 U	314.0 MOD.	DMA
TTLS43S01*	Primary	05/25/06	4 U	314.0 MOD.	DMA
TTLS43S02*	Primary	05/25/06	4 U	314.0 MOD.	DMA
TTLS44S01*	Primary	05/25/06	4 U	314.0 MOD.	DMA
TTLS44S02*	Primary	05/25/06	4 U	314.0 MOD.	DMA
TTLS44S03*	Primary	05/25/06	4 U	314.0 MOD.	DMA

NOTES AND ABBREVIATIONS:
J = Estimated value.
U = Not detected.
ug/l = micrograms per liter.
314.0 MOD. = EPA method 314.0 MOD modified for perchlorate.
Perchlorate analyses were performed on soil leachate samples.
* = Data is unvalidated for this sample.

TABLE AV
AREA I BURN PIT (SWMU 4.8)
ANALYTICAL RESULTS FOR RECENT SOIL SAMPLING
DIOXINS IN SOIL SAMPLES, 2006
AIBP SWMU 4.8 RFI WORK PLAN
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Sample Identifier	TTBS17S01	TTBS20S01	TTBS24S01	TTBS25S01	TTBS26S01	TTBS29S01	TTBS31S01	TTBS32S01
Sample Date	02/23/06	02/23/06	02/23/06	02/23/06	02/23/06	02/24/06	02/24/06	02/24/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Analysis Method	1613	1613	1613	1613	1613	1613	1613	1613
Laboratory	DMA	DMA	DMA	DMA	DMA	DMA	DMA	DMA
Compound (pg/g)[1]								
1,2,3,4,6,7,8-HpCDD	899	56.7	55.3	0.32 J	40.2	0.23 U	1020	240
1,2,3,4,6,7,8-HpCDF	109	8.29	103	0.13 U	8.01	0.09 U	64.2	18.2
1,2,3,4,7,8,9-HpCDF	10.3	1.05 J	12.1	0.09 U	1.05 J	0.1 U	4.95	1.69 J
1,2,3,4,7,8-HxCDD	10.5	0.73 J	3.14	0.13 U	0.76 J	0.16 U	11.1	2.89
1,2,3,4,7,8-HxCDF	33	3.07	26.2	0.06 U	2.86	0.03 U	2.19 J	1.68 J
1,2,3,6,7,8-HxCDD	32.9	2.88	6.23	0.15 U	2.03 J	0.17 U	27.9	7.41
1,2,3,6,7,8-HxCDF	25.7	1.99 J	21.8	0.05 U	2.13 J	0.03 U	2.27 J	1.3 J
1,2,3,7,8,9-HxCDD	25.5	1.75 J	4.89	0.13 U	1.51 J	0.16 U	20.4	5.27
1,2,3,7,8,9-HxCDF	7.17	0.64 J	8.29	0.08 U	0.76 J	0.05 U	0.701 J	0.49 J
1,2,3,7,8-PeCDD	9.07	0.55 J	2.7	0.07 U	0.58 J	0.08 U	4.09	1.28 J
1,2,3,7,8-PeCDF	20.9	2.85	9.84	0.11 U	1.74 J	0.1 U	0.374 J	0.46 J
2,3,4,6,7,8-HxCDF	28	1.78 J	25.3	0.06 U	2.03 J	0.03 U	3.03	1.84 J
2,3,4,7,8-PeCDF	35.9	2.88	19.5	0.12 U	3.61	0.09 U	1.46 J	2.02 J
2,3,7,8-TCDD	2.53	0.13 UJ	0.73	0.07 U	0.13 UJ	0.09 U	0.36 J	0.14 UJ
2,3,7,8-TCDF	22.7	3.38	5.42	0.09 U	2.17	0.09 U	0.28 J	0.95 J
OCDD	6900	506	148	2.24 J	360	1.15 UJ	11400	2310
OCDF	198	15	67.1	0.15 UJ	11.9	0.25 U	217	54.7
Total HpCDD	1720	118	113	0.64	81.3	0.23 U	1910	459
Total HpCDF	269	23.4	165	0.15 U	21.3	0.09 U	315	78.7
Total HxCDD	381	26.5	117	0.14 U	18.8	0.17 U	194	57.8
Total HxCDF	271	21.5	233	0.06 U	26.1	0.04 U	84.6	32.4
Total PeCDD	151	7.29	76.9	0.07 U	8.14	0.08 U	16.2	7.79
Total PeCDF	343	32.1	222	0.11 U	31.5	0.09 U	21.5	20.2
Total TCDD	110	4.73	52.9	0.07 U	5.83	0.09 U	2.13	2.6
Total TCDF	448	41.6	211	0.09 U	33.7	0.09 U	8.65	13.3
2,3,7,8-TCDD TEQ	60.03	4.47	25.52	0	4.43	0	24.04	7.33

See last page of Table AV for notes and abbreviations.

TABLE AV
AREA I BURN PIT (SWMU 4.8)
ANALYTICAL RESULTS FOR RECENT SOIL SAMPLING
DIOXINS IN SOIL SAMPLES, 2006
AIBP SWMU 4.8 RFI WORK PLAN
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Sample Identifier	TTBS43S01*	TTBS43S02*	TTBS44S01*	TTBS44S02*	TTBS44S03*	TTBS49S01*	TTBS49S01*	TTBS52S01*
Sample Date	05/25/06	05/25/06	05/25/06	05/25/06	05/25/06	05/25/06	05/25/06	05/26/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Split	Primary
Analysis Method	1613	1613	1613	1613	1613	1613	1613	1613
Laboratory	DMA	DMA	DMA	DMA	DMA	DMA	DMA	DMA
Compound (pg/g)[1]								
1,2,3,4,6,7,8-HpCDD	0.42	0.09	5.08	0.13	0.17	161	140	396
1,2,3,4,6,7,8-HpCDF	0.2	0.06	1.23	0.08 U	0.11	14.6	14	41.6
1,2,3,4,7,8,9-HpCDF	0.15 U	0.07 U	0.13 U	0.08 U	0.14 U	0.84	0.76 U	2.25
1,2,3,4,7,8-HxCDD	0.09 U	0.07 U	0.08	0.04 U	0.09 U	1.25	1.3 U	5.81
1,2,3,4,7,8-HxCDF	0.07 U	0.04 U	0.2	0.03 U	0.07 U	0.62	0.78 U	3.42
1,2,3,6,7,8-HxCDD	0.09 U	0.07 U	0.57	0.04 U	0.09 U	4	3.8 J	13.9
1,2,3,6,7,8-HxCDF	0.03 U	0.04 U	0.42	0.03 U	0.06 U	0.52	0.73 U	3.45
1,2,3,7,8,9-HxCDD	0.09 U	0.07 U	0.58	0.05 U	0.1 U	2.7	2.3 U	11.8
1,2,3,7,8,9-HxCDF	0.09 U	0.05 U	0.17	0.04 U	0.09 U	0.19	0.44 U	0.9
1,2,3,7,8-PeCDD	0.09 U	0.06 U	0.13	0.04 U	0.06 U	0.56	0.72 U	2.64
1,2,3,7,8-PeCDF	0.05 U	0.04 U	0.08	0.03 U	0.05 U	0.26	0.48 U	1.76
2,3,4,6,7,8-HxCDF	0.07 U	0.04 U	0.68	0.03 U	0.06 U	0.84	0.58 U	3.64
2,3,4,7,8-PeCDF	0.08 U	0.04	1.01	0.04	0.06 U	0.78	0.99 U	3.42
2,3,7,8-TCDD	0.05 U	0.04 U	0.05 U	0.05 U	0.05 U	0.16 U	0.41 U	0.33
2,3,7,8-TCDF	0.22	0.21	0.29	0.17	0.2 U	0.73	0.38 U	3.37
OCDD	2.91	0.7	63	0.79	1.35	1890	1400	3640
OCDF	0.45	0.34	1.4	0.19	0.29	41.4	40	85
Total HpCDD	1.4	0.19	18.8	0.37	0.52	497	290	1230
Total HpCDF	0.2	0.06	2.8	0.07 U	0.11	59.6	57	134
Total HxCDD	0.19	0.07 U	4.08	0.05 U	0.09 U	32.1	21	129
Total HxCDF	0.08	0.05 U	9.39	0.03 U	0.07 U	20.1	13	62.5
Total PeCDD	0.12	0.06 U	1.62	0.04 U	0.06 U	3.55	0.72 U	23.8
Total PeCDF	0.26	0.06	14.4	0.04	0.17	10.6	2.2 U	46.2
Total TCDD	0.05 U	0.04 U	0.25	0.05 U	0.05 U	0.26	0.41 U	6.21
Total TCDF	0.22	0.35	4.78	0.17	0.15	7.13	1.3	41.1
2,3,7,8-TCDD TEQ	0.03	0.04	1	0.04	0	4	2.06	14.17

See last page of Table AV for notes and abbreviations.

TABLE AV
AREA I BURN PIT (SWMU 4.8)
ANALYTICAL RESULTS FOR RECENT SOIL SAMPLING
DIOXINS IN SOIL SAMPLES, 2006
AIBP SWMU 4.8 RFI WORK PLAN
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Sample Identifier	TTBS53S01*	TTBS54S01*	TTBS57D01*	TTBS57S01*	TTBS57S01*	TTBS62S01*	TTBS63S01*	TTBS65S01*
Sample Date	05/26/06	05/26/06	05/26/06	05/26/06	05/26/06	05/30/06	05/30/06	05/30/06
Sample Type	Primary	Primary	Primary	Primary	Split	Primary	Primary	Primary
Analysis Method	1613	1613	1613	1613	1613	1613	1613	1613
Laboratory	DMA	DMA	DMA	DMA	DMA	DMA	DMA	DMA
Compound (pg/g)[1]								
1,2,3,4,6,7,8-HpCDD	1130	65.2	21.8	31	12	3.61	67.4	0.97
1,2,3,4,6,7,8-HpCDF	116	5.42	2.07	2.99	1.2 U	0.58	11.9	0.21 U
1,2,3,4,7,8,9-HpCDF	9.43	0.32	0.16	0.25	0.83 U	0.08	0.97	0.09 U
1,2,3,4,7,8-HxCDD	11.8	0.59	0.25	0.34	0.77 U	0.08	0.92	0.08 U
1,2,3,4,7,8-HxCDF	17.5	0.24	0.29	0.35	0.74 U	0.12	2.22	0.05 U
1,2,3,6,7,8-HxCDD	33.2	1.8	0.61	0.87	0.73 U	0.15 U	2.65	0.08 U
1,2,3,6,7,8-HxCDF	12.3	0.2	0.18	0.2	0.61 U	0.08 U	1.83	0.05 U
1,2,3,7,8,9-HxCDD	29.7	1.17	0.47	0.7	0.69 U	0.13	1.83	0.09 U
1,2,3,7,8,9-HxCDF	3.22	0.15 U	0.1 U	0.09 U	0.57 U	0.06 U	0.53	0.07 U
1,2,3,7,8-PeCDD	8.65 U	0.22	0.17	0.16	0.9 U	0.06 U	0.77 U	0.04 U
1,2,3,7,8-PeCDF	9.19	0.12	0.18	0.21	0.5 U	0.05 U	1.42	0.05 U
2,3,4,6,7,8-HxCDF	15.1	0.3	0.19	0.27	0.51 U	0.08 U	2.13	0.03 U
2,3,4,7,8-PeCDF	19.8	0.22	0.35	0.36	0.51 U	0.12	2.35	0.04 U
2,3,7,8-TCDD	1.52	0.08 U	0.09 U	0.1 U	0.45 U	0.04 U	0.16 U	0.06 U
2,3,7,8-TCDF	35.5	0.34	0.72	0.77	0.34 U	0.17	2.41	0.16
OCDD	12200	695	255	357	130	50.9	670	11.2
OCDF	319	16.1	6.36	8.93	2.7 U	1.35	19.6	0.45
Total HpCDD	2400	200	69.4	95.6	26	11.7	213	2.13
Total HpCDF	381	24.1	7.5	11	3.2	1.47	30.2	0.27
Total HxCDD	336	14.6	5.71	8.15	0.87 U	0.47	33	0.08 U
Total HxCDF	176	7.27	3.11	4.14	0.74 U	0.65	23	0.1
Total PeCDD	84.1	1.37	1.25	1.38	0.9 U	0.13	12	0.08
Total PeCDF	168	2.85	3	3.07	0.51 U	0.61	24.7	0.05 U
Total TCDD	43.5	0.16	0.32	0.38	0.45 U	0.04 U	4.36	0.06 U
Total TCDF	216	1.98	3.18	3.68	0.34 U	0.67	29.1	0.24
2,3,7,8-TCDD TEQ	41.52	1.58	0.89	1.08	0.13	0.16	3.57	0.03

See last page of Table AV for notes and abbreviations.

TABLE AV
AREA I BURN PIT (SWMU 4.8)
ANALYTICAL RESULTS FOR RECENT SOIL SAMPLING
DIOXINS IN SOIL SAMPLES, 2006
AIBP SWMU 4.8 RFI WORK PLAN
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Sample Identifier	TTBS66S01*	TTBS67S01*	TTBS67D01*	TTBS68S01*	TTBS68S02*	TTBS69S01*	TTBS70S01*	TTBS70S02*
Sample Date	05/30/06	05/30/06	05/30/06	05/30/06	05/30/06	05/30/06	05/30/06	05/30/06
Sample Type	Primary	Primary	Dup	Primary	Primary	Primary	Primary	Primary
Analysis Method	1613	1613	1613	1613	1613	1613	1613	1613
Laboratory	DMA	DMA	DMA	DMA	DMA	DMA	DMA	DMA
Compound (pg/g)[1]								
1,2,3,4,6,7,8-HpCDD	166	124	167	113	79.5	15.9	9.01	1.37
1,2,3,4,6,7,8-HpCDF	44	36.7	36.4	20.7	12.2	2.78	1.7	1.08
1,2,3,4,7,8,9-HpCDF	5.48	3.12	3.03	1.6	0.98	0.3	0.13	0.13
1,2,3,4,7,8-HxCDD	3.55	1.82	2.32	1.12	0.85	0.2	0.15	0.07
1,2,3,4,7,8-HxCDF	11.9	5.39	5.28	2.37	1.64	0.48	0.26	0.34
1,2,3,6,7,8-HxCDD	7.88	6.39	8.87	2.83	2.27	0.78	0.37 U	0.15
1,2,3,6,7,8-HxCDF	10.9	4.5	4.37	1.95	1.3	0.47	0.21 U	0.33
1,2,3,7,8,9-HxCDD	7.25	4.48	5.93	2.15	1.59	0.58	0.32	0.14
1,2,3,7,8,9-HxCDF	3.94	1.2	1	0.44	0.35	0.15	0.08	0.11
1,2,3,7,8-PeCDD	4.17	1.65 U	1.87 U	0.69 U	0.56 U	0.26	0.2 U	0.11 U
1,2,3,7,8-PeCDF	7.34	2.58	2.52	0.98	1.04	0.32	0.21	0.25
2,3,4,6,7,8-HxCDF	13.8	4.49	4.78	2.42	1.33	0.47	0.26	0.4
2,3,4,7,8-PeCDF	14.9	4.6	4.76	1.92	1.68	0.65	0.43	0.6
2,3,7,8-TCDD	0.79	0.26	0.25	0.13 U	0.13 U	0.09 U	0.09 U	0.07 U
2,3,7,8-TCDF	11.1	3.53	3.46	1.41	1.64	0.57	0.68	0.57
OCDD	1430	1350	1730	1410	946	194	101	10.3
OCDF	52.9	47.7	54.8	35.6	24.4	5.01	3.13	0.96
Total HpCDD	345	409	364	384	247	54.5	23.7	3.1
Total HpCDF	91.1	74	82.2	50.6	33.5	7.4	4.61	1.84
Total HxCDD	93.5	65.1	79.3	31.7	21.7	6.78	4.01	1.08
Total HxCDF	105	50.9	54	26	16.2	5.4	3.15	4.45
Total PeCDD	82.3	19.6	18.4	6.26	5.39	2.35	2.49	0.86
Total PeCDF	131	48.1	50.7	18.8	16.2	6.33	4.44	7.29
Total TCDD	82.7	6.79	6.68	2.01	2.31	1.28	1.86	0.68
Total TCDF	170	52.3	50.5	16.7	16.7	4.71	5.96	6.76
2,3,7,8-TCDD TEQ	22.11	7.64	8.6	3.98	3.01	1.18	0.52	0.55

See last page of Table AV for notes and abbreviations.

TABLE AV
AREA I BURN PIT (SWMU 4.8)
ANALYTICAL RESULTS FOR RECENT SOIL SAMPLING
DIOXINS IN SOIL SAMPLES, 2006
AIBP SWMU 4.8 RFI WORK PLAN
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Sample Identifier	TTBS70S03*	TTBS71S01*	TTBS73S01*	TTBS74S01*	TTBS74D01*	TTBS74S02*	TTBS74S01*	TTBS76S01*
Sample Date	05/30/06	05/30/06	05/31/06	05/31/06	05/31/06	05/31/06	05/31/06	05/31/06
Sample Type	Primary	Primary	Primary	Primary	Dup	Primary	Split	Primary
Analysis Method	1613	1613	1613	1613	1613	1613	1613	1613
Laboratory	DMA	DMA	DMA	DMA	DMA	DMA	DMA	DMA
Compound (pg/g)[1]								
1,2,3,4,6,7,8-HpCDD	0.28	39.7	0.52	20.7	20.6	0.24	20	36.4
1,2,3,4,6,7,8-HpCDF	0.13	6.9	0.78	2.58	2.76	0.5	2.4 U	3.91
1,2,3,4,7,8,9-HpCDF	0.05 U	0.63	0.2 U	0.22	0.3 U	0.3 U	0.67 U	0.22
1,2,3,4,7,8-HxCDD	0.04 U	0.58 U	0.05 U	0.28	0.4	0.04 U	0.81 U	0.47
1,2,3,4,7,8-HxCDF	0.03 U	1.23	0.1	0.23	0.28	0.07 U	0.66 U	0.28 U
1,2,3,6,7,8-HxCDD	0.04 U	1.58	0.07 U	0.93	1	1.3	0.82 U	1.75
1,2,3,6,7,8-HxCDF	0.03 U	1.1	0.08	0.29	0.3	0.36	0.56 U	0.41
1,2,3,7,8,9-HxCDD	0.04 U	1.23	0.12	0.76	0.83	2.3	0.89 U	1.53
1,2,3,7,8,9-HxCDF	0.04 U	0.28	0.14 U	0.12	0.13	0.1 U	0.5 U	0.16 U
1,2,3,7,8-PeCDD	0.03 U	0.46	0.05 U	0.23	0.08	0.06	0.97 U	0.32
1,2,3,7,8-PeCDF	0.02 U	0.62	0.07 U	0.12	0.1 U	0.04 U	0.55 U	0.15
2,3,4,6,7,8-HxCDF	0.03	1.2	0.07	0.41	0.42	0.07 U	0.45 U	0.61
2,3,4,7,8-PeCDF	0.05	1.19	0.07 U	0.53	0.55	0.05	0.55 U	0.76
2,3,7,8-TCDD	0.03 U	0.12 U	0.1 U	0.05 U	0.11 U	0.04 U	0.43 U	0.11 U
2,3,7,8-TCDF	0.11	1.25	0.22	0.39	0.34	0.19	0.33 U	0.41
OCDD	2.22	416	6.23	224	193	1.98	180	385
OCDF	0.26	12.3	23.5	4.81	20.8	18.9	4.1 U	8.15
Total HpCDD	0.53	126	1.27	65.1	44.1	0.51	44	117
Total HpCDF	0.25	17.4	1.11	6.95	6.79	0.5	3.8	12.6
Total HxCDD	0.11	17	0.21	6.11	7.81	3.6	1.9 U	11
Total HxCDF	0.19	13.5	0.49	6.05	5.89	0.43	2.3 U	10
Total PeCDD	0.08	6.77	0.05 U	1.56	2.02	0.48	0.97 U	1.55
Total PeCDF	0.05	13.3	0.11	7.46	6.45	0.14	2 U	11.8
Total TCDD	0.03 U	5.07	0.04 U	0.28	0.65	0.04 U	0.43 U	0.18
Total TCDF	0.18	15.3	0.46	3.82	3.56	0.35	0.33 U	4.88
2,3,7,8-TCDD TEQ	0.04	2.39	0.07	1.1	0.98	0.51	0.22	1.67

See last page of Table AV for notes and abbreviations.

TABLE AV
AREA I BURN PIT (SWMU 4.8)
ANALYTICAL RESULTS FOR RECENT SOIL SAMPLING
DIOXINS IN SOIL SAMPLES, 2006
AIBP SWMU 4.8 RFI WORK PLAN
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Sample Identifier	TTBS77S01*	TTBS77S02*	TTBS78S01*	TTBS79S01*	TTBS79S02*
Sample Date	05/31/06	05/31/06	05/31/06	05/31/06	05/31/06
Sample Type	Primary	Primary	Primary	Primary	Primary
Analysis Method	1613	1613	1613	1613	1613
Laboratory	DMA	DMA	DMA	DMA	DMA
Compound (pg/g)[1]					
1,2,3,4,6,7,8-HpCDD	4340	57.9	593	2900	159
1,2,3,4,6,7,8-HpCDF	338	4.54	45.5	224	18.1
1,2,3,4,7,8,9-HpCDF	14.6	0.31	3.6	20.6	2
1,2,3,4,7,8-HxCDD	32.5	0.44	7.94	37.6	2.27
1,2,3,4,7,8-HxCDF	4.73	0.11	1.75	7.83	1.86
1,2,3,6,7,8-HxCDD	106	2.06	20.3	106	5.91
1,2,3,6,7,8-HxCDF	4.27	0.17	2.08	7.88	1.44
1,2,3,7,8,9-HxCDD	69.2	1.66	17.2	77.7	4.4
1,2,3,7,8,9-HxCDF	2.24 U	0.12 U	0.43	1.92	0.51
1,2,3,7,8-PeCDD	11.8	0.26	3.27	16.3	0.6 U
1,2,3,7,8-PeCDF	1.1	0.06	0.62	1.24	0.66 U
2,3,4,6,7,8-HxCDF	7.59	0.18	2.97	11.2	1.84
2,3,4,7,8-PeCDF	1.92	0.18	1.74	2.83	1.84
2,3,7,8-TCDD	0.71	0.1 U	0.29	0.93	0.13 U
2,3,7,8-TCDF	0.73	0.24	0.72	1.14	1.19
OCDD	48800	660	6160	29500	1500
OCDF	1010	13.4	100	535	40.8
Total HpCDD	8540	169	1750	8210	472
Total HpCDF	1580	19.5	170	960	62.9
Total HxCDD	683	10.3	141	604	43.5
Total HxCDF	339	4.91	62.3	283	31.9
Total PeCDD	41.3	0.91	15.1	48.4	3.95
Total PeCDF	51.4	2.13	34.3	60	27.6
Total TCDD	3.01	0.05 U	2.27	4.21	0.08
Total TCDF	14.4	1.69	14.1	18.8	19.7
2,3,7,8-TCDD TEQ	87.94	1.53	16.85	78.29	4.81

See last page of Table AV for notes and abbreviations.

TABLE AV
NOTES AND ABBREVIATIONS

DMA	=	Del Mar Analytical of Irvine, California.
Compound (	=	Primary sample.
Dup	=	Duplicate sample.
Split	=	Split sample.
pg/g	=	picogram/gram.
J	=	Estimated value.
U	=	Not detected.
UJ	=	Estimated non detect.
*	=	Data is unvalidated for this sample.
[1]	=	May 2006 samples were reported in ng/kg, which are equivalent to pg/g.

TABLE AVI
AREA I BURN PIT (SWMU 4.8) ANALYTICAL RESULTS FOR RECENT SOIL SAMPLING
POLYCYCLIC AROMATIC HYDROCARBONS IN SOIL SAMPLES, 2006
AIBP SWMU 4.8 RFI WORK PLAN
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Sample Identifier	TTBS24S01	TTBS25S01	TTBS32S01	TTBS43S01*	TTBS43S02*	TTBS44S01*
Sample Date	02/23/06	02/23/06	02/24/06	05/25/06	05/25/06	05/25/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary
Analysis Method	8270C SIM	8270C SIM	8270C SIM	8270C SIM	8270C SIM	8270C SIM
Laboratory	DMA	DMA	DMA	DMA	DMA	DMA
Compound (mg/kg)						
1-Methylnaphthalene	0.022 U	0.021 U	0.022 U	0.022 U	0.022 U	0.022 U
2-Methylnaphthalene	0.0045 J	0.021 U	0.022 U	0.022 U	0.022 U	0.022 U
Acenaphthene	0.022 U	0.021 U	0.022 U	0.022 U	0.022 U	0.022 U
Acenaphthylene	0.022 U	0.021 U	0.022 U	0.022 U	0.022 U	0.022 U
Anthracene	0.022 U	0.021 U	0.022 U	0.022 U	0.022 U	0.022 U
Benzo(a)anthracene	0.022 U	0.021 U	0.0046 U	0.022 U	0.022 U	0.022 U
Benzo(a)pyrene	0.0034 J	0.021 U	0.022 U	0.022 U	0.022 U	0.022 U
Benzo(b)fluoranthene	0.022 UJ	0.021 UJ	0.0017 J	0.022 U	0.022 U	0.022 U
Benzo(g,h,i)perylene	0.022 U	0.021 U	0.022 U	0.022 U	0.022 U	0.022 U
Benzo(k)fluoranthene	0.022 U	0.021 U	0.022 U	0.022 U	0.022 U	0.022 U
Chrysene	0.022 U	0.021 U	0.022 U	0.022 U	0.022 U	0.022 U
Dibenzo(a,h)anthracene	0.022 UJ	0.021 UJ	0.022 UJ	0.022 U	0.022 U	0.022 U
Fluoranthene	0.0023 J	0.021 U	0.0025 J	0.0044 J	0.022 U	0.022 U
Fluorene	0.022 U	0.021 U	0.022 U	0.022 U	0.022 U	0.022 U
Indeno(1,2,3-cd)pyrene	0.022 UJ	0.021 UJ	0.022 UJ	0.022 U	0.022 U	0.022 U
Naphthalene	0.022 U	0.021 U	0.022 U	0.022 U	0.022 U	0.022 U
Phenanthrene	0.022 U	0.021 U	0.022 U	0.022 U	0.022 U	0.022 U
Pyrene	0.022 U	0.0043 J	0.022 U	0.0038 J	0.022 U	0.022 U

See last page of Table AVI for notes and abbreviations.

TABLE AVI
AREA I BURN PIT (SWMU 4.8) ANALYTICAL RESULTS FOR RECENT SOIL SAMPLING
POLYCYCLIC AROMATIC HYDROCARBONS IN SOIL SAMPLES, 2006
AIBP SWMU 4.8 RFI WORK PLAN
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Sample Identifier	TTBS44S02*	TTBS44S03*
Sample Date	05/25/06	05/25/06
Sample Type	Primary	Primary
Analysis Method	8270C SIM	8270C SIM
Laboratory	DMA	DMA
Compound (mg/kg)		
1-Methylnaphthalene	0.022 U	0.022 U
2-Methylnaphthalene	0.022 U	0.022 U
Acenaphthene	0.022 U	0.022 U
Acenaphthylene	0.022 U	0.022 U
Anthracene	0.022 U	0.022 U
Benzo(a)anthracene	0.022 U	0.022 U
Benzo(a)pyrene	0.022 U	0.022 U
Benzo(b)fluoranthene	0.022 U	0.022 U
Benzo(g,h,i)perylene	0.022 U	0.022 U
Benzo(k)fluoranthene	0.022 U	0.022 U
Chrysene	0.022 U	0.022 U
Dibenzo(a,h)anthracene	0.022 U	0.022 U
Fluoranthene	0.022 U	0.022 U
Fluorene	0.022 U	0.022 U
Indeno(1,2,3-cd)pyrene	0.022 U	0.022 U
Naphthalene	0.0066 J	0.022 U
Phenanthrene	0.022 U	0.022 U
Pyrene	0.022 U	0.022 U

See last page of Table AVI for notes and abbreviations.

TABLE AVI
NOTES AND ABBREVIATIONS

DMA	=	Del Mar Analytical of Irvine, California.
SIM	=	Selected ion monitoring.
mg/kg	=	milligram per kilogram.
J	=	Estimated value.
U	=	Not detected.
UJ	=	Estimated non detect.
*	=	Data is unvalidated for this sample.

TABLE AVII
AREA I BURN PIT (SWMU 4.8) ANALYTICAL RESULTS FOR RECENT SOIL SAMPLING
TOTAL PETROLEUM HYDROCARBONS IN SOIL SAMPLES, 2006
AIBP SWMU 4.8 RFI WORK PLAN
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Sample Identifier	TTBS43S01*	TTBS43S02*	TTBS44S01*	TTBS44S02*	TTBS44S03*
Sample Date	05/25/06	05/25/06	05/25/06	05/25/06	05/25/06
Sample Type	Primary	Primary	Primary	Primary	Primary
Analysis Method	8015 MOD.	8015 MOD.	8015 MOD.	8015 MOD.	8015 MOD.
Laboratory	DMA	DMA	DMA	DMA	DMA
Compound (mg/kg)					
C08-C11 (Gasoline Range)	5.4 U	5.4 U	5.5 U	5.4 U	5.5 U
C08-C30 (Extractable Fuel Hydrocarbons)	5.4 U	5.4 U	5.5 U	5.4 U	5.5 U
C12-C14 (Kerosene Range)	5.4 U	5.4 U	5.5 U	5.4 U	5.5 U
C15-C20 (Diesel Range)	5.4 U	5.4 U	5.5 U	5.4 U	5.5 U
C21-C30 (Lubricant Oil Range)	5.4 U	5.4 U	5.5 U	5.4 U	5.5 U

NOTES AND ABBREVIATIONS:
DMA = Del Mar Analytical of Irvine, California.
Primary = Primary sample.
8015 MOD. = EPA method 8015 MOD modified for total petroleum hydrocarbons (TPHs).
mg/kg = milligram/kilogram.
U = Not detected.
* = Data is unvalidated for this sample.

TABLE AVIII
AREA I BURN PIT (SWMU 4.8) ANALYTICAL RESULTS FOR RECENT SOIL SAMPLING
VOLATILE ORGANIC COMPOUNDS IN SOIL SAMPLES, 2006
AIBP SWMU 4.8 RFI WORK PLAN
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Sample Identifier	TTBS85S03*	TTBS86S03*	TTBS63S01*	TTBS65S01*	TTBS68S01*	TTBS68S02*	TTBS69S01*	TTBS71S01*
Sample Date	06/02/06	06/02/06	06/13/06	06/13/06	06/13/06	06/13/06	06/13/06	06/15/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	DMA	DMA	DMA	DMA	DMA	DMA	DMA	DMA
Compound (ug/kg)								
1,1,1,2-Tetrachloroethane	4.6 U	4.6 U	5.7 U	5.6 U	5.2 U	4.9 U	4.9 U	4.9 U
1,1,1-Trichloroethane	100	1.8 U	2.3 U	2.3 U	2.1 U	2 U	2 U	2 U
1,1,2,2-Tetrachloroethane	1.8 U	1.8 U	2.3 U	2.3 U	2.1 U	2 U	2 U	2 U
1,1,2-Trichloroethane	1.8 U	1.8 U	2.3 U	2.3 U	2.1 U	2 U	2 U	2 U
1,1,2-Trichlorotrifluoroethane	4.6 U	4.6 U	5.7 U	7.4	5.2 U	4.9 U	4.9 U	4.9 U
1,1-Dichloroethane	1.8 U	1.8 U	2.3 U	2.3 U	2.1 U	2 U	2 U	2 U
1,1-Dichloroethene	8.4	4.6 U	5.7 U	5.6 U	5.2 U	4.9 U	4.9 U	4.9 U
1,1-Dichloropropene	1.8 U	1.8 U	2.3 U	2.3 U	2.1 U	2 U	2 U	2 U
1,2,3-Trichlorobenzene	4.6 U	4.6 U	5.7 U	5.6 U	5.2 U	4.9 U	4.9 U	4.9 U
1,2,3-Trichloropropane	9.1 U	9.2 U	11 U	11 U	10 U	9.9 U	9.8 U	9.9 U
1,2,4-Trichlorobenzene	4.6 U	4.6 U	5.7 U	5.6 U	5.2 U	4.9 U	4.9 U	4.9 U
1,2,4-Trimethylbenzene	1.8 U	1.8 U	2.3 U	2.3 U	2.1 U	2 U	2 U	2 U
1,2-Dibromo-3-chloropropane	4.6 U	4.6 U	5.7 U	5.6 U	5.2 U	4.9 U	4.9 U	4.9 U
1,2-Dibromoethane	33	1.8 U	2.3 U	2.3 U	2.1 U	2 U	2 U	2 U
1,2-Dichlorobenzene	1.8 U	1.8 U	2.3 U	2.3 U	2.1 U	2 U	2 U	2 U
1,2-Dichloroethane	1.8 U	1.8 U	2.3 U	2.3 U	2.1 U	2 U	2 U	2 U
1,2-Dichloropropane	1.8 U	1.8 U	2.3 U	2.3 U	2.1 U	2 U	2 U	2 U
1,3,5-Trimethylbenzene	1.8 U	1.8 U	2.3 U	2.3 U	2.1 U	2 U	2 U	2 U
1,3-Dichlorobenzene	1.8 U	1.8 U	2.3 U	2.3 U	2.1 U	2 U	2 U	2 U
1,3-Dichloropropane	1.8 U	1.8 U	2.3 U	2.3 U	2.1 U	2 U	2 U	2 U
1,4-Dichlorobenzene	1.8 U	1.8 U	2.3 U	2.3 U	2.1 U	2 U	2 U	2 U
2,2-Dichloropropane	1.8 U	1.8 U	2.3 U	2.3 U	2.1 U	2 U	2 U	2 U
2-Butanone	9.1 U	9.2 U	11 U	11 U	10 U	9.9 U	9.8 U	9.9 U
2-Chloro-1,1,1-trifluoroethane	46 U	46 U	57 U	56 U	52 U	49 U	49 U	49 U
2-Chlorotoluene	4.6 U	4.6 U	5.7 U	5.6 U	5.2 U	4.9 U	4.9 U	4.9 U
2-Hexanone	9.1 U	9.2 U	11 U	11 U	10 U	9.9 U	9.8 U	9.9 U
4-Chlorotoluene	4.6 U	4.6 U	5.7 U	5.6 U	5.2 U	4.9 U	4.9 U	4.9 U
4-Isopropyltoluene	1.8 U	1.8 U	2.3 U	2.3 U	2.1 U	2 U	2 U	2 U
4-Methyl-2-pentanone	4.6 U	4.6 U	5.7 U	5.6 U	5.2 U	4.9 U	4.9 U	4.9 U
Acetone	17	9.2 U	11 U	11 U	10 U	13	9.8 U	9.9 U
Benzene	1.8 U	1.8 U	2.3 U	2.3 U	2.1 U	2 U	2 U	2 U
Bromochloromethane	4.6 U	4.6 U	5.7 U	5.6 U	5.2 U	4.9 U	4.9 U	4.9 U
Bromodichloromethane	1.8 U	1.8 U	2.3 U	2.3 U	2.1 U	2 U	2 U	2 U
Bromoform	4.6 U	4.6 U	5.7 U	5.6 U	5.2 U	4.9 U	4.9 U	4.9 U
Bromomethane	4.6 U	4.6 U	5.7 U	5.6 U	5.2 U	4.9 U	4.9 U	4.9 U
Carbon disulfide	4.6 U	4.6 U	5.7 U	5.6 U	5.2 U	4.9 U	4.9 U	4.9 U
Carbon tetrachloride	4.6 U	4.6 U	5.7 U	5.6 U	5.2 U	4.9 U	4.9 U	4.9 U
Chlorobenzene	1.8 U	1.8 U	2.3 U	2.3 U	2.1 U	2 U	2 U	2 U
Chloroethane	4.6 U	4.6 U	5.7 U	5.6 U	5.2 U	4.9 U	4.9 U	4.9 U
Chloroform	1.8 U	1.8 U	2.3 U	2.3 U	2.1 U	2 U	2 U	2 U
Chloromethane	4.6 U	4.6 U	5.7 U	5.6 U	5.2 U	4.9 U	4.9 U	4.9 U
Chlorotrifluoroethene	46 U	46 U	57 U	56 U	52 U	49 U	49 U	49 U
cis-1,2-Dichloroethene	1.8 U	1.8 U	2.3 U	2.3 U	2.1 U	2 U	2 U	2 U
cis-1,3-Dichloropropene	1.8 U	1.8 U	2.3 U	2.3 U	2.1 U	2 U	2 U	2 U
Dibromochloromethane	1.8 U	1.8 U	2.3 U	2.3 U	2.1 U	2 U	2 U	2 U
Dibromomethane	1.8 U	1.8 U	2.3 U	2.3 U	2.1 U	2 U	2 U	2 U
Dichlorodifluoromethane	4.6 U	4.6 U	5.7 U	5.6 U	5.2 U	4.9 U	4.9 U	4.9 U
Ethylbenzene	1.8 U	1.8 U	2.3 U	2.3 U	2.1 U	2 U	2 U	2 U
Hexachlorobutadiene	4.6 U	4.6 U	5.7 U	5.6 U	5.2 U	4.9 U	4.9 U	4.9 U
Isopropylbenzene	1.8 U	1.8 U	2.3 U	2.3 U	2.1 U	2 U	2 U	2 U
m,p-Xylene	1.8 U	1.8 U	2.3 U	2.3 U	2.1 U	2 U	2 U	2 U
Methyl tert-butyl ether	4.6 U	4.6 U	5.7 U	5.6 U	5.2 U	4.9 U	4.9 U	4.9 U
Methylene chloride	18 U	18 U	23 U	23 U	21 U	20 U	20 U	20 U
Monobromobenzene	4.6 U	4.6 U	5.7 U	5.6 U	5.2 U	4.9 U	4.9 U	4.9 U
Naphthalene	4.6 U	4.6 U	5.7 U	5.6 U	5.2 U	4.9 U	4.9 U	4.9 U
n-Butylbenzene	4.6 U	4.6 U	5.7 U	5.6 U	5.2 U	4.9 U	4.9 U	4.9 U
n-Propylbenzene	1.8 U	1.8 U	2.3 U	2.3 U	2.1 U	2 U	2 U	2 U
o-Xylene	1.8 U	1.8 U	2.3 U	2.3 U	2.1 U	2 U	2 U	2 U
sec-Butylbenzene	4.6 U	4.6 U	5.7 U	5.6 U	5.2 U	4.9 U	4.9 U	4.9 U

TABLE AVIII
AREA I BURN PIT (SWMU 4.8) ANALYTICAL RESULTS FOR RECENT SOIL SAMPLING
VOLATILE ORGANIC COMPOUNDS IN SOIL SAMPLES, 2006
AIBP SWMU 4.8 RFI WORK PLAN
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Sample Identifier	TTBS85S03*	TTBS86S03*	TTBS63S01*	TTBS65S01*	TTBS68S01*	TTBS68S02*	TTBS69S01*	TTBS71S01*
Sample Date	06/02/06	06/02/06	06/13/06	06/13/06	06/13/06	06/13/06	06/13/06	06/15/06
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Analysis Method	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory	DMA	DMA	DMA	DMA	DMA	DMA	DMA	DMA
Compound (ug/kg)								
Styrene	1.8 U	1.8 U	2.3 U	2.3 U	2.1 U	2 U	2 U	2 U
tert-Butylbenzene	4.6 U	4.6 U	5.7 U	5.6 U	5.2 U	4.9 U	4.9 U	4.9 U
Tetrachloroethene	4	1.8 U	2.3 U	2.3 U	2.1 U	2 U	2 U	2 U
Toluene	1.8 U	1.8 U	2.3 U	2.3 U	2.1 U	2 U	2 U	2 U
trans-1,2-Dichloroethene	1.8 U	1.8 U	2.3 U	2.3 U	2.1 U	2 U	2 U	2 U
trans-1,3-Dichloropropene	1.8 U	1.8 U	2.3 U	2.3 U	2.1 U	2 U	2 U	2 U
Trichloroethene	350	1.8 U	2.3 U	2.3 U	2.1 U	2 U	2 U	2 U
Trichlorofluoromethane	4.6 U	4.6 U	5.7 U	5.6 U	5.2 U	4.9 U	4.9 U	4.9 U
Vinyl acetate	4.6 U	4.6 U	5.7 U	5.6 U	5.2 U	4.9 U	4.9 U	4.9 U
Vinyl chloride	1.8 U	1.8 U	2.3 U	2.3 U	2.1 U	2 U	2 U	2 U
2-Chloroethyl vinyl ether	9.9 U	9 U	11 U	11 U	10 U	9.9 U	9.8 U	9.9 U

NOTES AND ABBREVIATIONS
DMA = Del Mar Analytical of Irvine, California.
Primary = Primary sample.
ug/kg = microgram/kilogram.
U = Not detected.
* = Data is unvalidated for this sample.