NOTICE

All drawings located at the end of the document.

KF-05H60200-P5-000

RFP/ERM-95-00000

DRAFT

DATA SUMMARY 2
OPERABLE UNIT NO. 8
700 AREA

U.S. Department of Energy
Rocky Flats Environmental Technology Site
Golden, Colorado

ENVIRONMENTAL RESTORATION PROGRAM

September 1995

Volume 2 - Appendices

ADMIN RECORD

APPENDIX A

High Purity Germanium Results for All Integrated Operable Units

APPENDIX B

Sodium Iodide Data/Field Notes

(intentionally blank)

4 5 11 0

COPY

FORM 6.6A

GAMMA SURVEY

CONTROL NO: SPECIAL

Taken by: A. Kneebone-Marlow SSAN [redacted] Reviewed by: [signature]

Taken by: S. Bell SSAN # _____ SSO: [signature] SSA [redacted]

Taken by: _____ SSAN # _____ Name/Organization: _____ SSAN # _____

Date: 12/5/94 Building: _____

Time: _____ Room #: _____

Shift: _____

Survey Description: 1HSS163.1, 123.1, 137 PRE ACTIVITIES

BICRON FIDLER

000051378

Mfg:	FIDLER	FIDLER	FIDLER	FIDLER	FIDLER
Model:	BICRON	BICRON			
Serial #:	A051M	741Q			
Date Perf. Ck:	12/5/94	11/23/94			
Date Calib'd:	11/94	10/94			
Cal. Due Date:	11/95	10/95			

		LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)		LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)
1HSS163.1	1	SS811293	2501	2400	2416	underwater 2758	16					
11/23/94	2	SS800993	2410	2400	2534	N	17					
10/11/94	3	SS801593	1633	1700	1646	N	18					
	4	SS801693		1700	1707	N	19					
	5	SS801793		1500	1532	N	20					
1HSS 137	6	SS801893		1800	1820	N	21					
	7	SS801993		2400	2352	N	22					
	8	SS802093		1600	1633	N	23					
	9	SS802193		1400	1429	N	24					
	10						25					
	11						26					
	12						27					
	13						28					
	14						29					
	15						30					

NA

NA

1 of 6

16

FORM 6.6A

Page 1 of 1

2

GAMMA SURVEY

CONTROL NO: SPECIAL

Taken by: A. Kneelane-Marlo SSAN # [redacted] Reviewed by: [signature]

Taken by: B. Passino SSAN # [redacted] SSO: [signature] SSAN [redacted]

Taken by: _____ SSAN # _____ Name/Organization: Jacobs SSAN # _____

Date: 12/7/94 Building: _____

Time: _____ Room #: _____

Shift: _____

Survey Description: Daily FIDLER READING

OU 8

1HSS163.1

BICRON FIDLER

Mfg:	FIDLER	FIDLER	FIDLER	FIDLER	FIDLER
Model:	BICRON	BICRON	BICRON		
Serial #:	B741Q	A051M	B388A		
Date Perf. Ck:	12/7/94	12/8/94	12/9/94		AK 12/7/94
Date Calib'd:	10/94	11/94	9/94		
Cal. Due Date:	10/95	11/95	9/95		

		LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)		LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)
1HSS144.1N	1	VP41094	2249	2200	2196	N	163.1 16	VP42094	1944	2000	1992	N
1HSS 150.7	2	VP41494	1969	2100	2124	N	17					
138 ~~50.6/150.8~~	3	VP41294	1848	1800	1853	N	18					
172	4	SS811693	2065	2000	2043	N	19					
	5	SS811793	2065	2100	2108	N	20					
	6	SS811993	2425	2300	2303	N	21					
144	7	SED80093	1788	1800	1834	N	22					
	8	SED80193	1788	1700	1744	N	23			AKM 12/7/94		
172	9	SS811593	2634	2600	2603	N	24					
139.1N	10	SED805993	1940	1800	1880	N	25					
	11	SED804993	1855	2100	2170	N	26					
	12	SED803993	1855	2100	2108	N	27					
	13	SED807993		2400	2479	N	28					
	14	SED80293		2300	2343	N	29					
[illegible]	15	VP42194	1811	1600	1633	N	30					

2

17

site# 55811343
bkgrd scaler 2525
bkgrd meter 2300

PRE-ACTIVITY
CONTAMINATION SURVEY

FORM

Site Number 0418 7455163.1
Technician : A. Hiebert-Minder, B. Rossmo
Meter Model No.- S/N B 358 A
Detector Model No.- S/N
Cal. Due Date 10/95

Date/Time 12/2/94
Scaler Background (cpm) SEE Above
Meter Background (cpm) SEE Above
Survey Type ☐ Alpha α ☐ Beta-Gamma β/γ ☒ X-Ray

Page 2 of 2
Technician
Scaler Model No. N/A
Scaler S/N
Cal. Due Date

Smear Number	Item Surveyed	Location Surveyed	Direct Survey: Gross Count Rate (cpm) α	Direct Survey: Gross Count Rate (cpm) X-RAY	Direct Survey: Net Count Rate (cpm) α	Direct Survey: Net Count Rate (cpm) X-RAY	Direct Survey: Total Activity (dpm 100 cm²) α	Direct Survey: Total Activity (dpm 100 cm²) β/γ	Smear Survey: Gross Count Rate (cpm) α	Smear Survey: Gross Count Rate (cpm) β/γ	Smear Survey: Net Count Rate (cpm) α	Smear Survey: Net Count Rate (cpm) β/γ	Smear Survey: Total Activity (dpm 100 cm²) α	Smear Survey: Total Activity (dpm 100 cm²) β/γ	R
N/A	SOIL SURFACE	55811343 1	N/A	2413	N/A	-112									
		2		2912		387									
											N/A				
			N/A	12/06/99											
W															
N/A	SOIL		N/A		N/A										W

site # - SS 811493
bkgrd scaler - 1390
bkgrd meter - 1300

Site # - SS 810893, SS 811193
bkgrd scaler - 1550
bkgrd meter - 1500

PRE-ACTIVITY
CONTAMINATION SURVEY

FORM

Site Number 1SU8, 1HSS163.1
Technician : A. Kneebone - Marier B Passino
Meter Model No.- S/N B388A
Detector Model No.- S/N
Cal. Due Date 10/95

Date/Time 12/2/94
Scaler Background (cpm) SEE Above
Meter Background (cpm) SEE Above
Survey Type ☐ Alpha α ☐ Beta-Gamma β/γ ☒ X-Ray

Page 1 of 1
Technician
Scaler Model No. N/A
Scaler S/N
Cal. Due Date

Smear Number	Item Surveyed	Location Surveyed	Direct Survey: Gross Count Rate (cpm) α	Direct Survey: Gross Count Rate (cpm) X-RAY	Direct Survey: Net Count Rate (cpm) α	Direct Survey: Net Count Rate (cpm) X-RAY	Direct Survey: Total Activity (dpm 100 cm²) α	Direct Survey: Total Activity (dpm 100 cm²) β/γ	Smear Survey: Gross Count Rate (cpm) α	Smear Survey: Gross Count Rate (cpm) β/γ	Smear Survey: Net Count Rate (cpm) α	Smear Survey: Net Count Rate (cpm) β/γ	Smear Survey: Total Activity (dpm 100 cm²) α	Smear Survey: Total Activity (dpm 100 cm²) β/γ	R
N/A	SOIL SURFACE	SS 811493 1	N/A	1394	N/A	24									
		2		1457		87									
		3		1348		-22									
		4		1498		128									
		5		1302		-68									
		SS 810893 1		1800		250									
		2		1501		-49									
		3		1600		50									
		4		1500		-50									
		5		1500		-50									
		SS 811193 1		1500		-50									
		2		1700		150									
		3		1650		100									
		4		1607		57									
		5		1575		-35									
N/A	SOIL SURFACE		N/A		N/A										

N/A

Site A SS810693, SS810793
bkgrd scaler - 1772
bkgrd meter 1700

Site # SS810993
bkgrd scaler - 2344
bkgrd meter - 2300

Site # SS811293
bkgrd scaler 2416
bkgrd meter 2400

Site A-SS811693
bkgrd scaler - 2525
bkgrd meter - 2500

PRE-ACTIVITY CONTAMINATION SURVEY

FORM

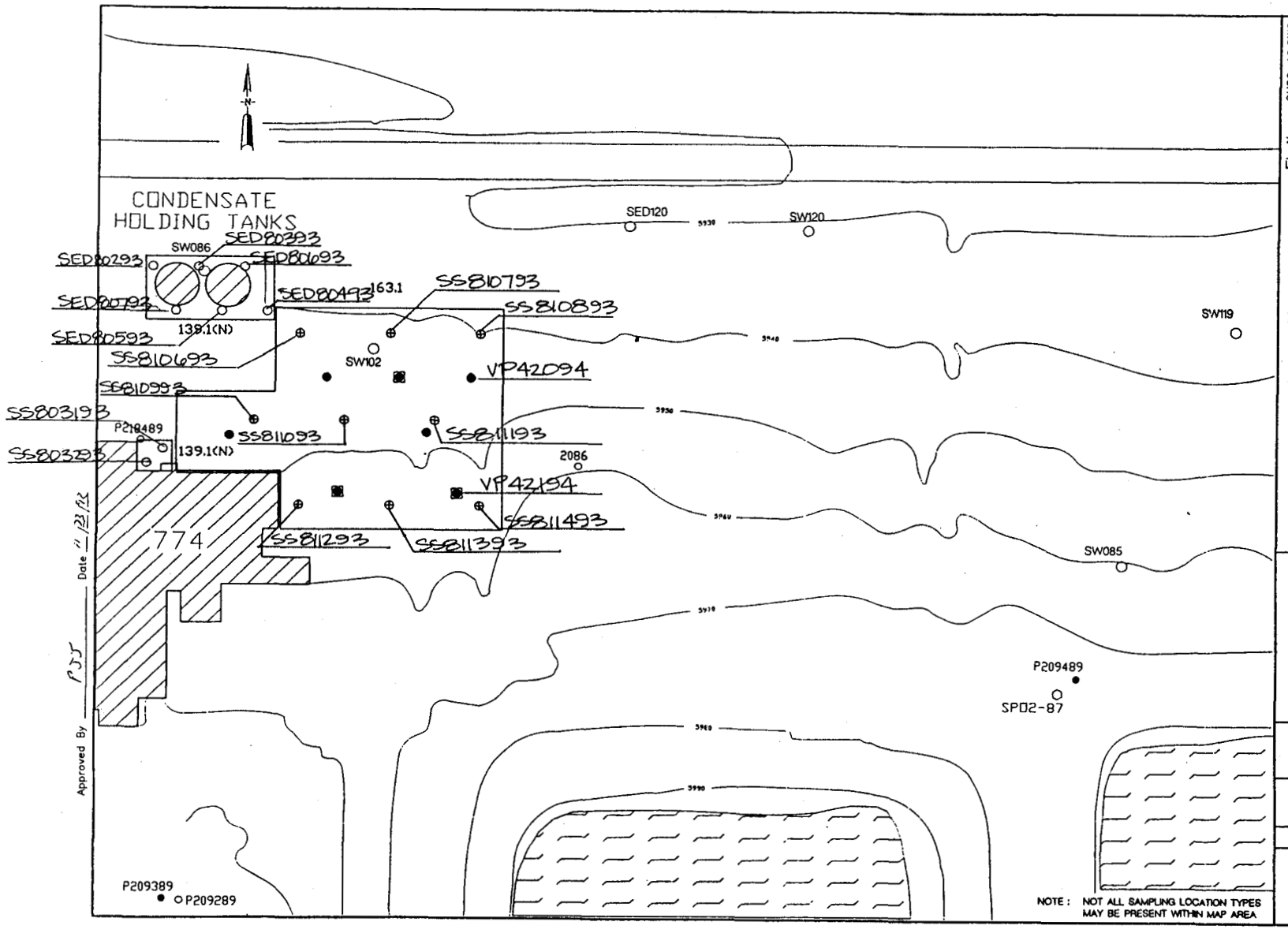
Site Number CU8 THSS 1631
Technician : J. Fuchs-Marler, B. Passino
Meter Model No.- S/N B588A
Detector Model No.- S/N
Cal. Due Date 10/95

Date/Time 12/2/94 12/5/94
Scaler Background (cpm) SEE Above
Meter Background (cpm) SEE Above
Survey Type ☐ Alpha α ☐ Beta-Gamma β/γ ☒ X-Ray

Page 1 of 2
Technician
Scaler Model No. N/A
Scaler S/N
Cal. Due Date

Smear Number	Item Surveyed	Location Surveyed	Direct Survey: Gross Count Rate (cpm) α	Direct Survey: Gross Count Rate (cpm) X-RAY	Direct Survey: Net Count Rate (cpm) α	Direct Survey: Net Count Rate (cpm) X-RAY	Direct Survey: Total Activity (dpm 100 cm²) α	Direct Survey: Total Activity (dpm 100 cm²) β/γ	Smear Survey: Gross Count Rate (cpm) α	Smear Survey: Gross Count Rate (cpm) β/γ	Smear Survey: Net Count Rate (cpm) α	Smear Survey: Net Count Rate (cpm) β/γ	Smear Survey: Total Activity (dpm 100 cm²) α	Smear Survey: Total Activity (dpm 100 cm²) β/γ
N/A	SOIL SURFACE	SS810693 1	N/A	1810	N/A	38	—	—						
		2		2033		261								
		3		2041		269								
		4		2051		279								
		5		2168		396								
		SS810793 1		1944		172								
		2		1828		56								
		3		1969		197								
		4		1936		164								
		5		1966		194								
		SS810993 1		2201		489								
		~~SS811293 Rep~~ 2		2595		823								
5		SS811293 1		2416		644								
		2		2758		987								
		SS811693 1		3277		1505								
		2		2519		747								5
N/A	SOIL SURFACE		N/A		N/A									

N/A


CONDENSATE HOLDING TANKS
SW086
SED80293
SED80393
SED80693
SED80793
SED80493
163.1
SED80593
139.1(N)
SS810793
SS810893
SS810693
SW102
VP42094
SS810993
SS803193
P219489
SS803293
139.1(N)
SS811093
SS811193
2086
VP42194
SS811493
SS811293
SS811393
774
SED120
SW120
SW119
SW085
P209489
SP02-87
P209389
P209289
NOTE: NOT ALL SAMPLING LOCATION TYPES MAY BE PRESENT WITHIN MAP AREA
MAP LEGEND
ROADWAYS
SURFACE WATER FEATURES
BUILDINGS AND NUMBERS
137 INDIVIDUAL HAZARDOUS SUBSTANCE SITES AND NUMBERS
EXISTING SAMPLING LOCATION
SW121 SURFACE WATER SAMPLING
SED124 SURFACE WATER SEDIMENT
P207589 BEDROCK WELL
P219589 ALLUVIAL WELL
BH33-87 BOREHOLE
560 PRE-1986 MONITOR WELL
PROPOSED STAGE 2 SAMPLE LOCATIONS
SOILGAS
SURFICIAL SOIL
HPGe
VERTICAL SOIL PROFILE (ACTUAL LOCATION WILL BE SELECTED IN THE FIELD)
SCALE IN FEET
0 50 100
CONTROLLED AREA
OU8
RFP BOUNDARY
U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden Colorado
OPERABLE UNIT NO. 8
PHASE I RFI/RI WORK PLAN
FIGURE 6-10
PROPOSED SAMPLING LOCATIONS:
IHSS Nos.: 139.1(N) & 163.1
File Name: OU86-10.DWG
Approved By
Date

6 of 6

43110

FORM 6.5A

Page 1 of 1

COPY

GAMMA SURVEY

CONTROL NO: SPECIAL

Taken by: R. Manolakis SSAN # _____ Reviewed by: Joni Christman 11Jan95

Taken by: S. Bell SSAN # _____ SSO: _____ SSAN # _____

Taken by: P. Spruce SSAN # _____ Name/Organization: JACOBS SSAN # _____

Date: 12/12/94 Building: 1HSS150.3

Time: _____ Room #: _____

Shift: _____

Survey Description: 1HSS150.3
Fidler PreActivies
"Foam Hill" B/ 5771/774

BICRON FIDLER

NOTE: SAMPLE LOCATIONS CORRESPOND TO FIDLER (NaI) SURVEY POINTS

Mfg:	FIDLER	FIDLER	FIDLER	FIDLER	FIDLER
Model:	BICRON				
Serial #:	A051M				
Date Perf. Ck:	12/12/94				
Date Calib'd:	11/94				
Cal. Due Date:	1/95				

NA

000051379

	LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)		LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)
1	VP41794	2102	2300	2246	N	16					
2	VP41894	2704	4100	4063	N	17					
3	VP41994	5000	4100	4065	N	18					
backscatter from 771 4	SS807493	8000	9800	9733	under foam 8249	19					
5	SS807593	5000	5200	5166	N	20					
6	SS807693	3114	3000	3019	N	21					
7	SS807793	2704	2600	2606	N	22					
8						23					
9						24					
10						25					
11						26					
12						27					
13						28					
14						29					
15						30					

NA

NA

1

22

SITE	SS507893		SITE	SS505093		SITE	SS 507993	
BKGD	2088	SCALER	BKGD	2228	SCALER	BKGD	2228	SCALER
BKGD	2300	METER	BKGD	2300	METER	BKGD	2300	METER
DATE	12/12/94 / 1120	TIME	DATE	12/12/94 / 1112	TIME	DATE	12/12/94 / 1118	TIME

PRE-ACTIVITY

CONTAMINATION SURVEY

FORM

Site Number: SEE ABOVE DUS IHSS 150.3
Technician: R. Mangelkis, S. Bell
Meter Model No.- S/N: AC3M
Detector Model No.- S/N: A0698
Cal. Due Date: 11/95

Date/Time: SEE ABOVE
Scaler Background (cpm): SEE ABOVE
Meter Background (cpm): SEE ABOVE
Survey Type: ☐ Alpha α ☐ Beta-Gamma β/γ ☒ X-Ray

Page 1 of 1
Technician
Scaler Model No. N/A
Scaler S/N
Cal. Due Date

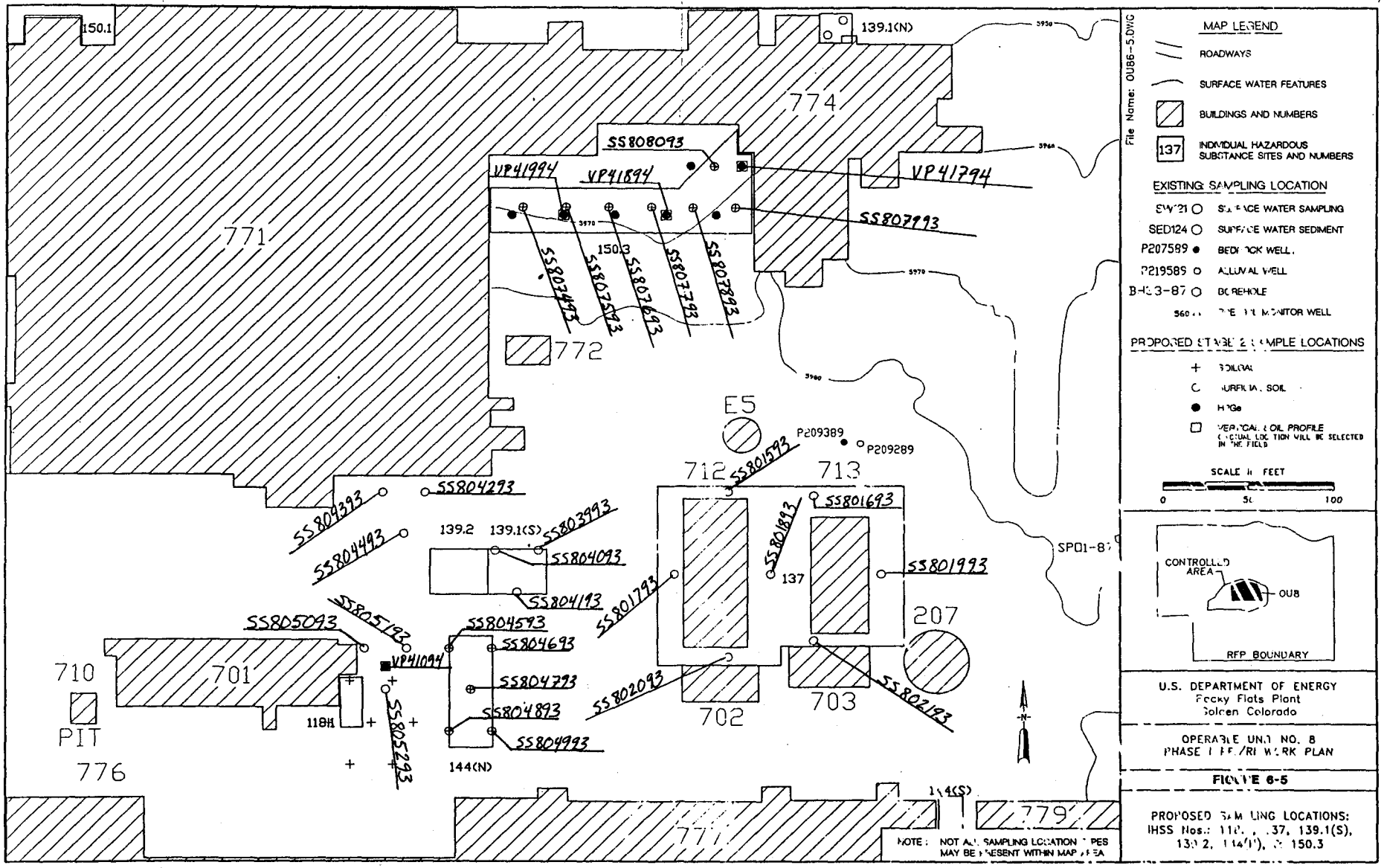
Smear Number	Item Surveyed	Location Surveyed	Direct Survey: Gross Count Rate (cpm) α	Direct Survey: Gross Count Rate (cpm) X-RAY	Direct Survey: Net Count Rate (cpm) α	Direct Survey: Net Count Rate (cpm) X-RAY	Direct Survey: Total Activity (dpm 100 cm²) α	Direct Survey: Total Activity (dpm 100 cm²) β/γ	Smear Survey: Gross Count Rate (cpm) α	Smear Survey: Gross Count Rate (cpm) β/γ	Smear Survey: Net Count Rate (cpm) α	Smear Survey: Net Count Rate (cpm) β/γ	Smear Survey: Total Activity (dpm 100 cm²) α	Smear Survey: Total Activity (dpm 100 cm²) β/γ
N/A	SOIL SURFACE	SS507893 (1)	N/A	2088	N/A	0								
		(2)		2445		+357								
		(3) 2351		2351		+263								
		(4)		2307		+219								
		(5)		2326		+238								
		SS505093 (1)		2249		+21								
		(2)		2226		-2								
		(3)		2158		-70								
		(4)		2246		+18								
		(5)		2434		+206								
		SS507993 (1)		2401		+173								
		(2)		2448		+220								
		(3)		2465		+237								
		(4)		2441		+213								
N/A	SOIL	[illegible]	N/A	[illegible]	N/A	[illegible]								

N/A

23

MASTER COPY 1/11/95 DJL

91/100



3 of 3

24

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4011

000051377

FORM 6.6A

COPY

AKM 19 Jan 95

GAMMA SURVEY

CONTROL NO. SPECIAL

Taken by: R. Manolakis SSAN or Emp. # _____ Reviewed by: [signature]

Taken by: E. Detmer Emp. # _____ SSO [signature] SSAN or Emp. # _____

Taken by: J. Bond Emp. # _____ Name/Organization _____ Emp. # _____

Date: 11/10/94 Building: _____

Time: 0845 Room #: _____

Shift: _____

Survey Description: Surficial soil sampling Below asphalt in OU8, 144(S)

NaI survey
IHSS 144.1N
144.1S

BICRON FIDLER

Mfg:	FIDLER	FIDLER	FIDLER	FIDLER	FIDLER
Model:	BICRON				
Serial #:	B741Q				
Date Perf. Ck:	11/10/94			NA	
Date Calib'd:	10/94				
Cal. Due Date:	10/95				

SITE		BKG	c/m METER	SCALER	AREA POSTED (Y/N)	Sub-Surface		BKG	c/m METER	SCALER	AREA POSTED (Y/N)
SS805993	1.	2285	3100	2147	~~700~~	2416	12.				
SS805893	2.	2285	2500	2754		2498	13.				
SS805793	3.	2285	2400	2394		3117	14.				
SS805693	4.	2285	4100	4135		3767	15.				
SS805593	5.	2255	11900	11876		4624	16.				
SS805493	6.	2285	18000	17855		5246	17.				
SS805393	7.	2285	8200	8191		3386	18.				
~~SS8~~ [illegible]	8.						19.				
	9.						20.				
	10.						21.				
	11.						22.				

NA

NA

(4006-123-0025) (EG&G6-6.ROI) (11-16-91) (2:32pm)lmb

SITE# SS: 793

BKGD. SCALER: 1594

BKGD. METER: 1600

SITE#: SS804593

BKGD SCALER: 1675

BKGD METER: 1700

10/26/94

Site Number OU8, 1455 144(N)

Technician R. Manolakis

Meter Model No.- S/N A051M

Detector Model No.- S/N A0658

Cal. Due Date 11/94

Date/Time 10/26/94 1400

Scaler Background (cpm) SEE ABOVE

Meter Background (cpm) SEE ABOVE

Survey Type ☐ Alpha α ☐ Beta-Gamma β/γ ☒ X-Ray

Page 3 of 3

Technician

Scaler Model No. N/A

Scaler S/N

Cal. Due Date

Smear Number	Item Surveyed	Location Surveyed	Direct Survey: Gross Count Rate (cpm) α	Direct Survey: Gross Count Rate (cpm) β/γ	Direct Survey: Net Count Rate (cpm) α	Direct Survey: Net Count Rate (cpm) β/γ	Direct Survey: Total Activity (dpm 100 cm²) α	Direct Survey: Total Activity (dpm 100 cm²) β/γ	Smear Survey: Gross Count Rate (cpm) α	Smear Survey: Gross Count Rate (cpm) β/γ	Smear Survey: Net Count Rate (cpm) α	Smear Survey: Net Count Rate (cpm) β/γ	Smear Survey: Total Activity (dpm 100 cm²) α	Smear Survey: Total Activity (dpm 100 cm²) β/γ	Rele Yes
NA	SURFACE SOIL	SS804793 (1)	NA	1680	NA	86									
		(2)		1574		-20									
		(3)		1693		99									
		(4)		1524		-70									
		(5)		1530		-64									
		SS804593 (1)		1663		-12									
		(2)		1659		-16									
		(3)		1710		35									
		(4)		1762		87									
		(5)		1740		65									

NA

NA LLM 10/26/94

N

SITE #: SS8 93

BKGD SCALER: 2260

BKGD METER: 2300

SITE #: SS804993

BKGD SCALER: 1594

BKGD METER: 1600

SITE #: SS804693

BKGD SCALER: 1675

BKGD METER: 1700

Site Number 048, IHSS 144(N)
Technician R. Manolakis
Meter Model No.- S/N A0696 (2)
Detector Model No.- S/N A051M
Cal. Due Date 11/94

Date/Time 10/26/94 1345
Scaler Background (cpm) SEE ABOVE
Meter Background (cpm) SEE ABOVE
Survey Type ☐ Alpha α ☐ Beta-Gamma βlγ
☒ X-Ray

Page 2 of 3
Technician
Scaler Model No. N/A
Scaler S/N
Cal. Due Date

Smear Number	Item Surveyed	Location Surveyed	Direct Survey: Gross Count Rate (cpm) α	Direct Survey: Gross Count Rate (cpm) βlγ	Direct Survey: Net Count Rate (cpm) α	Direct Survey: Net Count Rate (cpm) βlγ	Direct Survey: Total Activity (dpm 100 cm²) α	Direct Survey: Total Activity (dpm 100 cm²) βlγ	Smear Survey: Gross Count Rate (cpm) α	Smear Survey: Gross Count Rate (cpm) βlγ	Smear Survey: Net Count Rate (cpm) α	Smear Survey: Net Count Rate (cpm) βlγ	Smear Survey: Total Activity (dpm 100 cm²) α	Smear Survey: Total Activity (dpm 100 cm²) βlγ	Rel Ye
NA	SURFACE SOIL	SS804993 (1)	NA	1812	NA	-448									
		(2)		2180		-80									
		(3)		2040		-220									
		(4)		1630		-630									
		(5)		2000		-260									
		SS804993 (1)		1681		87									
		(2)		1729		135									
		(3)		1600		6					NA				
		(4)		1508		-86									
		(5)		1561		-33									
		SS804693 (1)		1592		-83									
		(2)		1505		-170									
		(3)		1497		-178									
		(4)		1552		-123									

W

W

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4

GAMMA SURVEY

CONTROL NO: SPECIAL

Taken by: A. Kneebone-Marlg SSAN # [redacted]

Reviewed by: [signature]

Taken by: B. PASSINO SSAN # [redacted]

SSO: [signature] SSAN # [redacted]

Taken by: _____ SSAN # _____

Name/Organization: Jacobs SSAN # _____

Date: 12/7/94 Building: _____

Time: _____ Room #: _____

Shift: _____

Survey Description: Daily FIDLER READING

OU 8

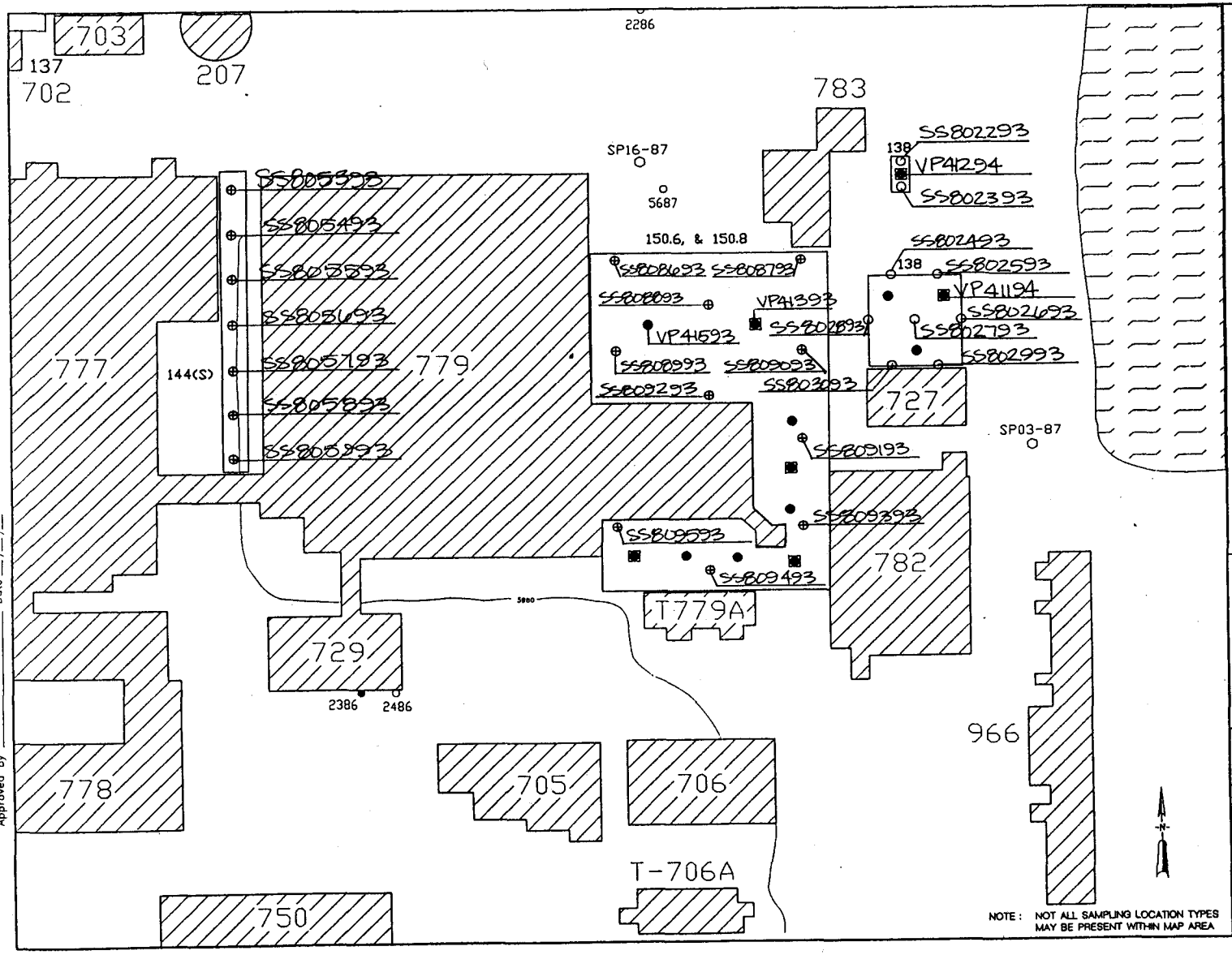
BICRON FIDLER

Mfg:	FIDLER	FIDLER	FIDLER	FIDLER	FIDLER
Model:	BICRON	BICRON	BICRON		
Serial #:	B741Q	A051M	B380A		
Date Perf. Ck:	12/7/94	12/8/94	12/9/94		AM 12/7/94
Date Calib'd:	10/94	11/94	9/94		
Cal. Due Date:	10/95	11/95	9/95		

		LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)		LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)
1HSS 144.1N	1	VP41094	2249	2200	2196	N	163.1 16	VP42094	1944	2000	1992	N
1HSS 150.7	2	VP41494	1969	2100	2124	N	17					
138 ~~50.6/150.83~~	3	VP41294	1848	1800	1853	N	18					
172	4	SS811693	2085	2000	2043	N	19					
	5	SS811793	2065	2100	2108	N	20					
	6	SS811993	2425	2300	2303	N	21					
144	7	SED80093	1788	1800	1834	N	22					
	8	SED80193	1788	1700	1744	N	23			AM 12/7/94		
172	9	SS811593	2634	2600	2603	N	24					
139.1N	10	SED85993	1940	1800	1886	N	25					
	11	SED804993	1855	2100	2170	N	26					
	12	SED803993	1855	2100	2108	N	27					
	13	SED807993		2400	2449	N	28					
	14	SED80293		2300	2343	N	29					
1..1	15	VP42194 ?	1811	1600	1633	N	30					

4

29



Approved By PJS Date 11/23/92

5

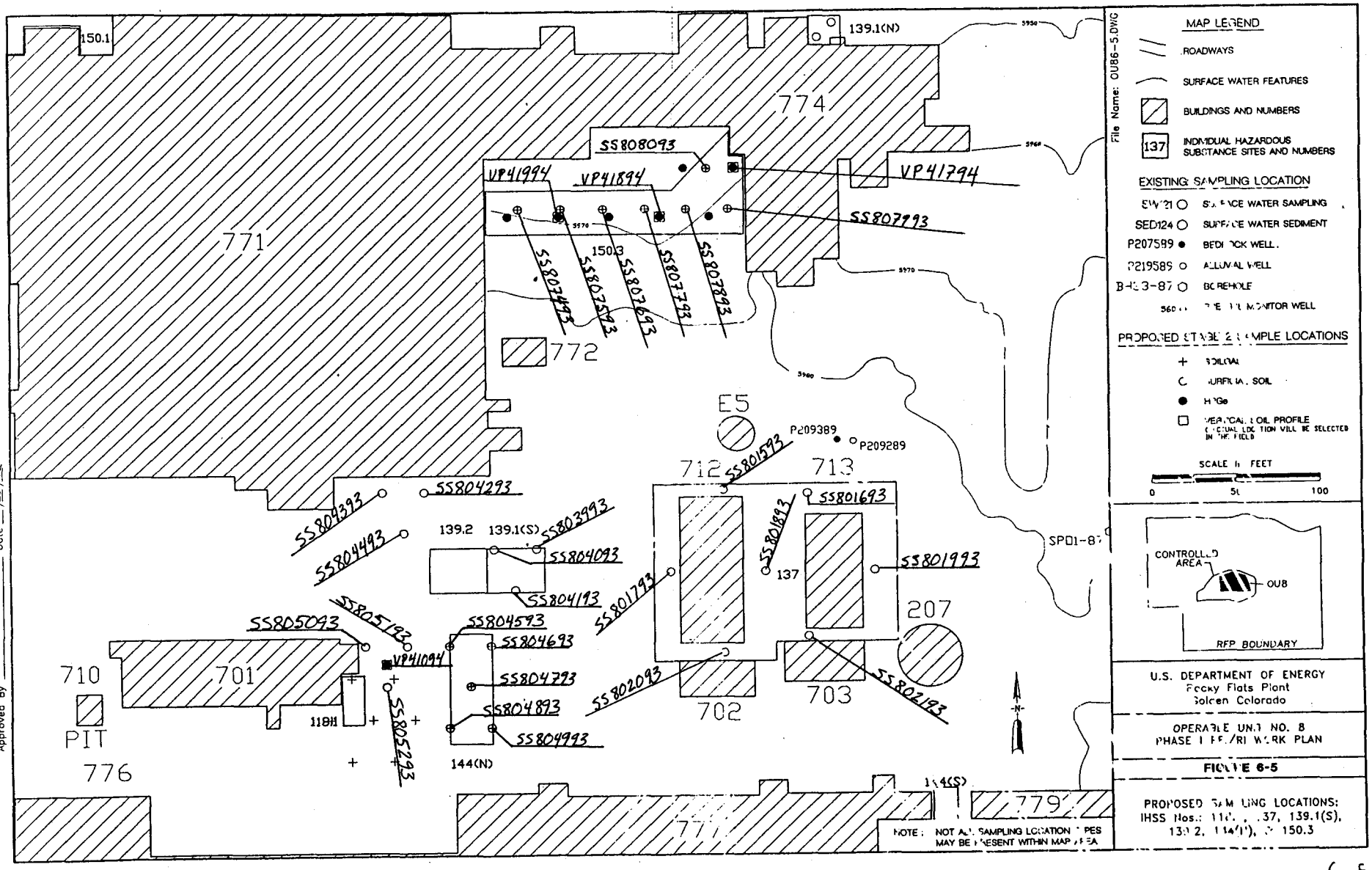
5

30

MASTER COPY 1/11/95 DJL

91/100

6



6 of 6

4/B110

FORM 6.6A

000051382

COPY

GAMMA SURVEY

CONTROL NO. SPECIAL

Taken by: [signature] SSAN or Emp. # [redacted] ewed by: [signature] Christman 1-17-95

Taken by: _____ Emp. # _____ SSO _____ SSAN or Emp. # _____

Taken by: _____ Emp. # _____ Name/Organization _____ Emp. # _____

Date: 12/22 Building: OU8

Time: 1630 Room #: 150.4/150.7 118.2

Shift: PAYS

Survey Description: NaI survey

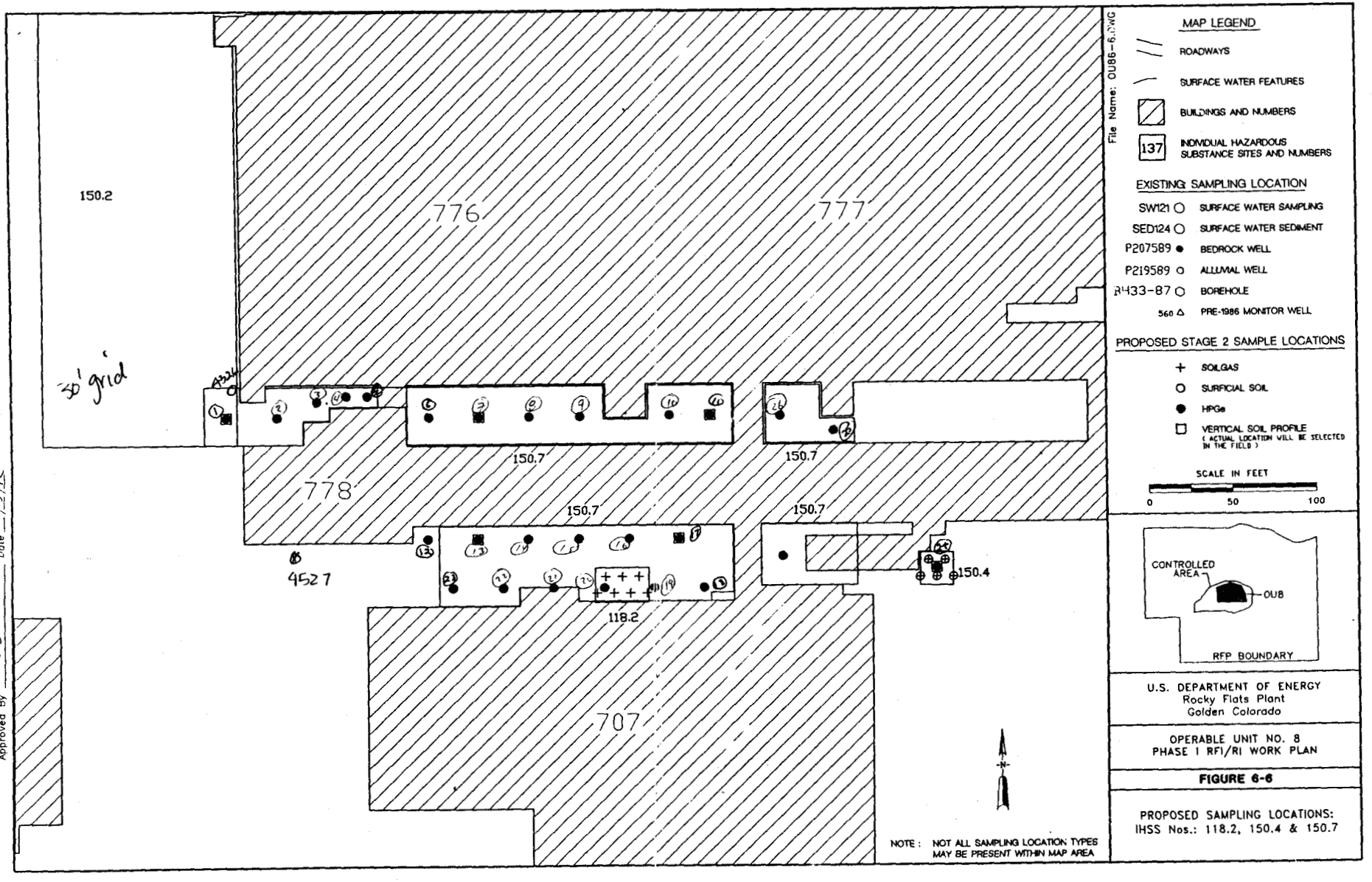
IHSS 150.4, 150.7, 118.2

BICRON FIDLER

Mfg:	FIDLER	FIDLER	FIDLER	FIDLER	FIDLER
Model:	G5				
Serial #:	B741Q				
Date Perf. Ck:	12-22-94			NA	
Date Calib'd:	10-7-94				
Cal. Due Date:	10/95				

	BKG	c/m METER	SCALER	AREA POSTED (Y/N)
1.	2741	2800	2595	N
2.	↓	3100	3105	↓
3.	↓	2500	2401	↓
4.	↓	2500	2323	↓
5.	↓	1500	1314	↓
6.	↓	2100	2019	↓
7.	1957	2000	2027	↓
8.	↓	2300	2281	↓
9.	↓	2600	2499	↓
10.	↓	2500	2216	↓
11.	↓	2800	2680	↓
12.	2879	2600	2426	N
13.	↓	2800	2781	↓
14.	↓	2300	2957	↓
15.	↓	2600	2391	↓
16.	2072	2800	2786	↓
17.	↓	2800	2719	↓
18.	↓	3300	3099	↓
19.	↓	3100	3006	↓
20.	↓	3300	3116	↓
21.	2879	3100	2128	↓
22.	↓	2600	2529	↓
23.	2741	2700	2634	N
24.	1885	1700	1638	↓
25.	2702	2400	2293	↓
26.	↓	2200	2065	↓

(4006-123-0025) (EG&G6-6.ROI) (11-16-91) (2:32pm)lmb



Approved By PJS Date 11/23/92

2 of 2

4B110

000051376

FORM 6 [illegible]

Page 1 of 4

COPY

GAMMA SURVEY

CONTROL NO: SPECIAL

Taken by: A. Kneebone-Marler SSAN [redacted]

Reviewed by: H. Christman 522924866

Taken by: B. PASSINO SSAN # _____

SSO: _____ SSAN # _____

Taken by: _____ SSAN # _____

Name/Organization: _____ SSAN # _____

Date: 12/20/94

Building: _____

Time: P.M.

Room #: _____

Shift: _____

Survey Description: OU8 fidler survey IHSS ~~173~~ [illegible], 184, 173 along fence around 991

BICRON FIDLER

Mfg:	FIDLER	FIDLER	FIDLER	FIDLER	FIDLER
Model:	BICRON				
Serial #:	B741Q				
Date Perf. Ck:	12/20/94				
Date Calib'd:	10/94				
Cal. Due Date:	10/95				

NA

	LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)
1	~~2146~~ [illegible]	2146	2150	2157	N
2			2150	2155	N
3			1950	1930	N
4			2100	2078	N
5			1700	1658	N
6	along detail	1827	1800	1782	N
7	outside of B991		2000	1979	N
8	'till H_2O		2200	2172	N
9					
10					
11					
12					
13					
14					
15					

N side of drainage grate B991

10-15' INTERVALS

Approx 60' Total

NA

	LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

NA

1 of 5

34

Site # 55 811893, 55811993
Bkgrd 2619
bkgrd meter 2619 2600

PRE-ACTIVITY CONTAMINATION SURVEY

FORM

Site Number: OU8 IHSS 173
Technician: Arthealene-Marlar B. Pissino
Meter Model No.- S/N: B741Q BICRON
Detector Model No.- S/N: G5, B966Q
Cal. Due Date: 10/95

Date/Time: 12/6/94
Scaler Background (cpm): 2619
Meter Background (cpm): 2600
Survey Type: ☐ Alpha α ☐ Beta-Gamma β/γ ☒ X-Ray

Page 1 of 1
Technician: N/A
Scaler Model No.: N/A
Scaler S/N: N/A
Cal. Due Date: N/A

Smear Number	Item Surveyed	Location Surveyed	Direct Survey: Gross Count Rate (cpm) α	Direct Survey: Gross Count Rate (cpm) X-RAY	Direct Survey: Net Count Rate (cpm) α	Direct Survey: Net Count Rate (cpm) X-RAY	Direct Survey: Total Activity (dpm 100 cm²) α	Direct Survey: Total Activity (dpm 100 cm²) β/γ	Smear Survey: Gross Count Rate (cpm) α	Smear Survey: Gross Count Rate (cpm) β/γ	Smear Survey: Net Count Rate (cpm) α	Smear Survey: Net Count Rate (cpm) β/γ	Smear Survey: Total Activity (dpm 100 cm²) α	Smear Survey: Total Activity (dpm 100 cm²) β/γ
N/A	SOIL SURFACE	55811893 1	N/A	2664	N/A	45								
		2		3169		550								
		55811993 1		2821		202								
		2		2825		206								
N/A	SOIL SURFACE		N/A		N/A									

N/A

ABM 12/6/94

FORM 1.1B

PAGE 1 OF 1

PRE-ACTIVITY CONTAMINATION SURVEY

SITE NUMBER: VP 42294 - HKS184

DATE / TIME: 12/20/94

TECHNICIAN: Alaina Kneebone-Marler

METER MODEL NO: BICRON ANALYST (FIDLER)

METER SERIAL NO: B 1412

DETECTOR MODEL NO: G5

DETECTOR SERIAL NO: B2116Q

SCALER BACKGROUND (CPM): 2176

METER BACKGROUND (CPM): 2205

CAL DUE DATE: 10/95

SURVEY TYPE: [XX] X-RAY

TECHNICIAN: N/A

SCALER MODEL NO: N/A

SCALER SERIAL NO: N/A

CALIBRATION DUE: N/A

Smear No:	Item Surveyed	Location Surveyed	Direct Survey: Gross Count Rate (cpm) α	Direct Survey: Gross Count Rate (cpm) x-ray	Direct Survey: Net Count Rate (cpm) α	Direct Survey: Net Count Rate (cpm) x-ray	Direct Survey: Total Activity (dpm 100 cm2) α	Direct Survey: Total Activity (dpm 100 cm2) βγ	Smear Survey: Gross Count Rate (cpm) α	Smear Survey: Gross Count Rate (cpm) βγ	Smear Survey: Net Count Rate (cpm) α	Smear Survey: Net Count Rate (cpm) βγ	Smear Survey: Total Activity (dpm 100 cm2) α	Smear Survey: Total Activity (dpm 100 cm2) βγ	Release: Yes	Release: No
N/A	Soil Surface	VP42294	N/A	2146	N/A	-30										
	Sul Soil Surface	VP42294		2155		-21										
	~~Soil Surface~~															
	Soil Surface															
	Soil Surface															
	Soil Surface															
	Soil Surface															
	Soil Surface															
	Soil Surface															
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	Soil Surface															
	Soil Surface															

N/A

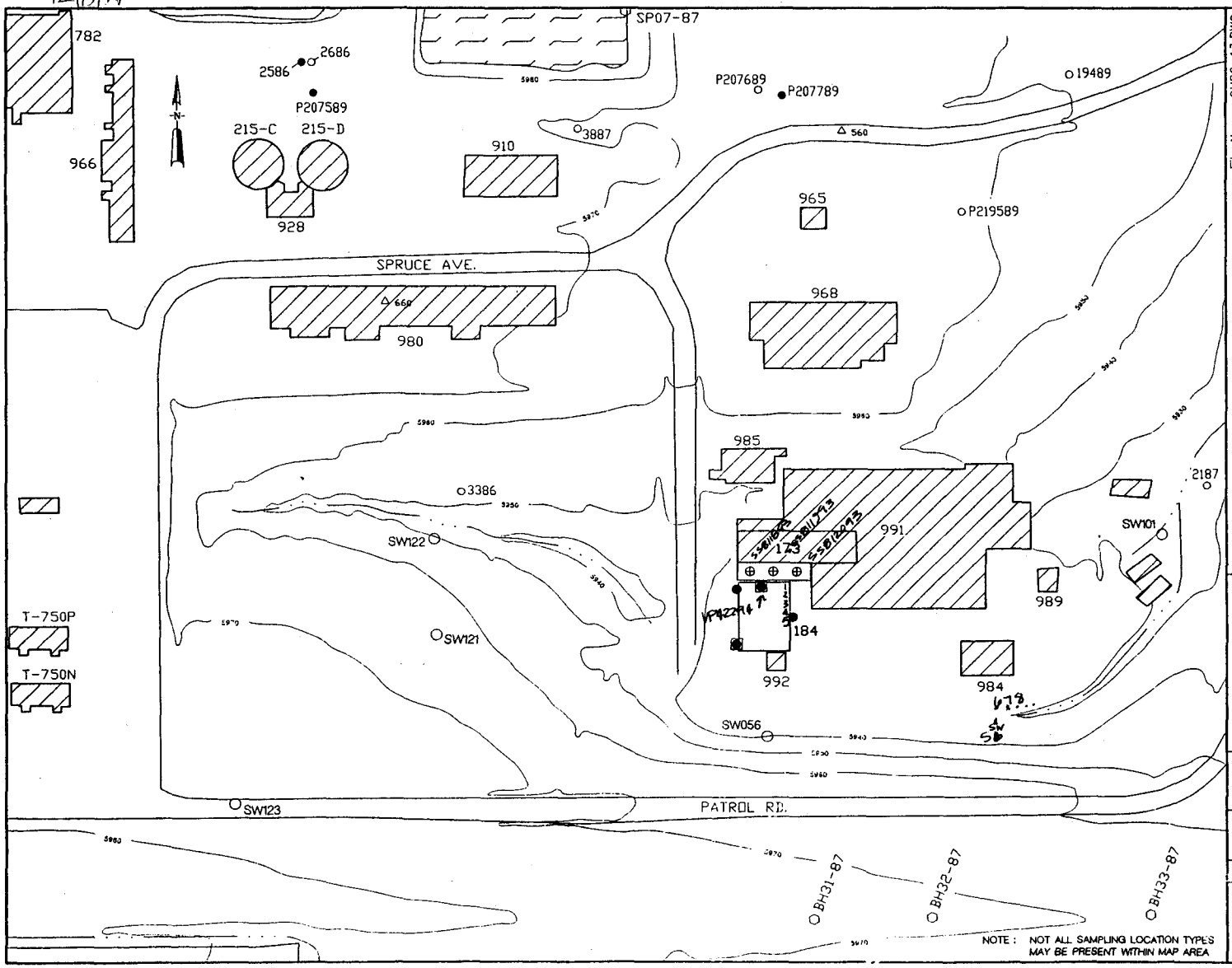
Net Count Rate = Gross Count Rate Minus Background Count Rate

Performed by: Alaina Kneebone-Marler Date: 12/20/95

Reviewed By: [signature] Date: 1-12-95

36 IN

AKM
12/15/94



U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden Colorado

OPERABLE UNIT NO. 8
PHASE I RFI/RI WORK PLAN

FIGURE 6-13

PROPOSED SAMPLING LOCATIONS:
IHSS Nos.: 173 & 184

Approved By RJJ Date 11/23/92

37

4

SITE NUMBER: SS812093 OU8 IHSS173

TECHNICIAN: A. KNEEBONE-MARLER

METER MODEL NO: BICRON ANALYST (FIDLER)

METER SERIAL NO: 5741Q

DETECTOR MODEL NO: G5

DETECTOR SERIAL NO: B9166Q

PRE-ACTIVITY CONTAMINATION SURVEY

DATE / TIME: 12/20/94

SCALER BACKGROUND (CPM): 2181

METER BACKGROUND (CPM): 2200

CAL DUE DATE: 10/95

SURVEY TYPE: [XX] X-RAY

FORM 1.1B

PAGE 1 OF 1

TECHNICIAN: N/A

SCALER MODEL NO: N/A

SCALER SERIAL NO: N/A

CALIBRATION DUE: N/A

Smear No:	Item Surveyed	Location Surveyed	Direct Survey: Gross Count Rate (cpm) α	Direct Survey: Gross Count Rate (cpm) x-ray	Direct Survey: Net Count Rate (cpm) α	Direct Survey: Net Count Rate (cpm) x-ray	Direct Survey: Total Activity (dpm 100 cm2) α	Direct Survey: Total Activity (dpm 100 cm2) βγ	Smear Survey: Gross Count Rate (cpm) α	Smear Survey: Gross Count Rate (cpm) βγ	Smear Survey: Net Count Rate (cpm) α	Smear Survey: Net Count Rate (cpm) βγ	Smear Survey: Total Activity (dpm 100 cm2) α	Smear Survey: Total Activity (dpm 100 cm2) βγ	Release Yes	Release No
N/A	Soil Surface	SS812093	N/A	2132	N/A	-49										
	Soil Surface	SS812093		2833		+652										
	Soil Surface															
	Soil Surface															
	Soil Surface															
	Soil Surface															
	Soil Surface															
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	Soil Surface															
	Soil Surface															
	Soil Surface															
	Soil Surface															

NA

NA

Net Count Rate = Gross Count Rate Minus Background Count Rate

Performed by: Alanna Kneebone-Marler Date: 16 Jan 95

Reviewed By: [signature] Date: 1-16-95

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000051380

FORM 6.6A

COPY

GAMMA SURVEY

CONTROL NO. SPECIAL

Taken by: AKM SSAN [redacted] Emp. by: [redacted]

Taken by: BP Emp. [redacted] SSAN or Emp. # [redacted]

Taken by: _____ Emp. # _____ Name/Organization JACOBS Emp. # _____

Date: 11/23/94 Building: _____

Time: 0900 Room #: field

Shift: _____

Survey Description: Fidler Readings 1HSS 150.6/150.8, 138, 150.2 150.1, 123.1

BICRON FIDLER

	FIDLER	FIDLER	FIDLER	FIDLER	FIDLER
Mfg:					
Model:	Bicron	Bicron			
Serial #:	4051M	7410			
Date Perf. Ck:	11/23/94	11/23/94			
Date Calib'd:	~~11/11/94~~	~~10/17/94~~		NA	
Cal. Due Date:	11/95	10/95			

		BKG	c/m METER	SCALER	AREA POSTED (Y/N)
1HSS 150.6 and 150.8	A1.	2311	2200	2200	N
	2.	2210	2200	2195	
	3.	2370	2300	2311	
	4.	2370	2300	2234	
	5.	2404	2400	2371	
	6.	2404	2400	2350	
	7.	2503	2400	2401	
	8.	2503	2500	2528	
	9.	2795	2700	2784	
1HS 138	B1 ~~10.~~	~~2400~~ 2118	2000	2003	
	B2 ~~11.~~	2118	2000	2086	

		BKG	c/m METER	SCALER	AREA POSTED (Y/N)
	B3 ~~12.~~	2118	2300	2367	N
150.2	~~13.~~	1634	1400	1449	
	C2 ~~14.~~	2054	2000	2067	— 55807393
	C3 ~~15.~~	1757	1600	1645	
	C4 ~~16.~~	1615	1700	1730	— 55807293
	C5 ~~17.~~	1486	1500	1616	
	C6 ~~18.~~	1719	1700	1783	— 55807193
	C7 ~~19.~~	2267	2300	2356	
	C8 ~~20.~~	2045	2200	2250	— 55807093
	D1 ~~21.~~	2336	2200	2304	
	D2 ~~22.~~	2255	2000	1985	

1HSS 150.1

GAMMA SURVEY

CONTROL NO. SPECIAL

	BKG	c/m METER	SCALER	AREA POSTED (Y/N)
D3 23.	2340	2200	2150	N
D4 24.	2210	2100	2156	
D5 25.	2310	2200	2198	
D6 26.	2233	2200	2288	
D7 27.	2330	2300	2342	
D8 28.	2445	2200	2228	
D9 29.	2600	2500	2597	
D10 30.	3031	2500	2553	
D11 31.	2584	2600	2618	
D12 32.	2624	2800	2801	
33.	2128	2000	2048	
34.	2128	1900	1853	
E3 35.	1782	1700	1687	
E4 36.	1782	1700	1671	
E5 37.	1697	1700	1709	
E6 38.	1697	1700	1660	
E7 39.	1849	1800	1836	
E8 40.	1849	1800	1786	
E9 41.	1816	1700	1738	
E10 42.	1816	1600	1644	
E11 43.	1776	1700	1739	
E12 44.	1776	1700	1731	
E13 45.	2410	1600	1653	
E14 46.	2410	2400	2534	
47.				
48.				
49.				

	BKG	c/m METER	SCALER	AREA POSTED (Y/N)
50.				
51.				
52.				
53.				
54.				
55.				
56.				
57.				
58.				
59.				
60.				
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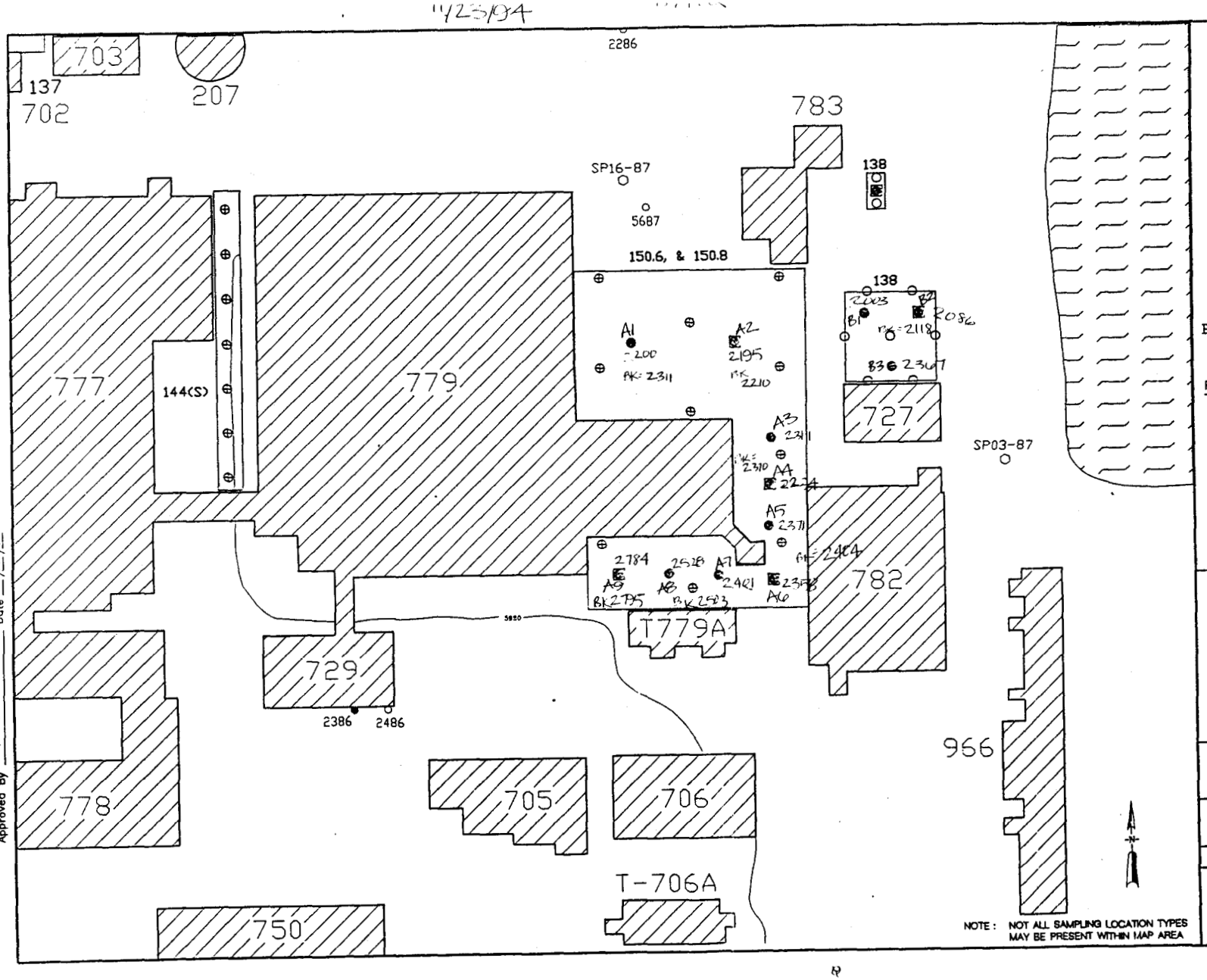
74.				
75.				
76.				

11/23/94



NOTE: NOT ALL SAMPLING LOCATION TYPES MAY BE PRESENT WITHIN MAP AREA

MAP LEGEND

- ROADWAYS
- SURFACE WATER FEATURES
- BUILDINGS AND NUMBERS
- 137 INDIVIDUAL HAZARDOUS SUBSTANCE SITES AND NUMBERS

EXISTING SAMPLING LOCATION

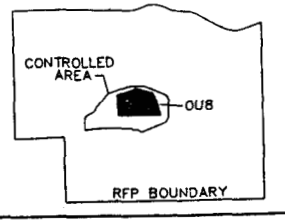
- SW121 ○ SURFACE WATER SAMPLING
- SED124 ○ SURFACE WATER SEDIMENT
- P207589 ● BEDROCK WELL
- P219589 ○ ALLUVIAL WELL
- BH33-87 ○ BOREHOLE
- 560 △ PRE-1986 MONITOR WELL

PROPOSED STAGE 2 SAMPLE LOCATIONS

- + SOILGAS
- ○ SURFICIAL SOIL
- ● HPGe
- □ VERTICAL SOIL PROFILE (ACTUAL LOCATION WILL BE SELECTED IN THE FIELD)

SCALE IN FEET

0 50 100



U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden Colorado

OPERABLE UNIT NO. 8
PHASE I RFI/RI WORK PLAN

FIGURE 6-9

PROPOSED SAMPLING LOCATIONS:
IHSS Nos.: 138, 144(S), 150.6 & 150.8

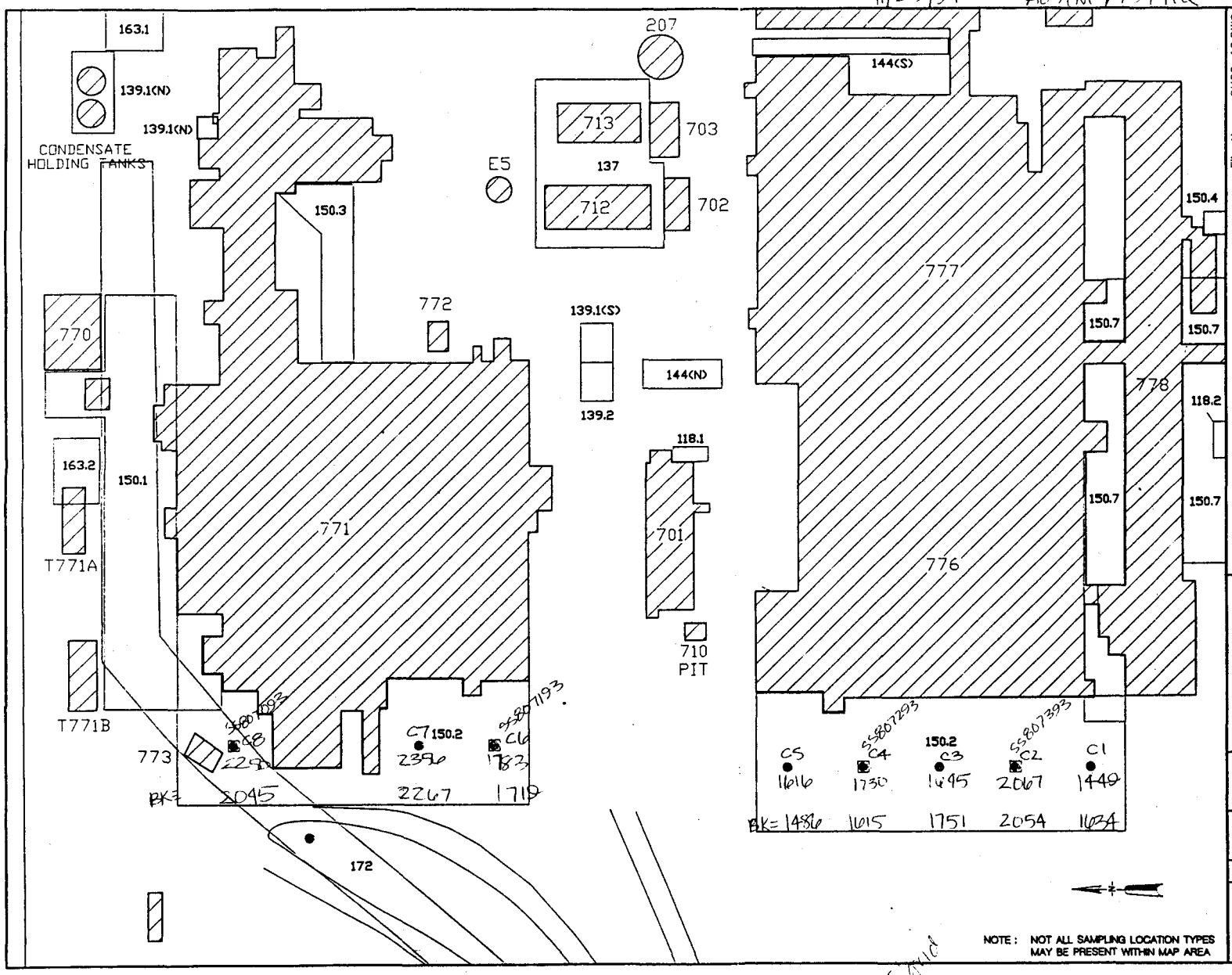
Approved By POJ Date 11/23/92

3

4/2

11/23/94 A051M & P741Q

/100



NOTE: NOT ALL SAMPLING LOCATION TYPES MAY BE PRESENT WITHIN MAP AREA

File Name: OU86-12.DWG

MAP LEGEND

- ROADWAYS
- SURFACE WATER FEATURES
- BUILDINGS AND NUMBERS
- 137 INDIVIDUAL HAZARDOUS SUBSTANCE SITES AND NUMBERS

EXISTING SAMPLING LOCATION

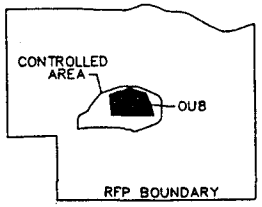
- SW121 ○ SURFACE WATER SAMPLING
- SED124 ○ SURFACE WATER SEDIMENT
- P207589 ● BEDROCK WELL
- P219589 ○ ALLUVIAL WELL
- BH33-87 ○ BOREHOLE
- 560 △ PRE-1986 MONITOR WELL

PROPOSED STAGE 2 SAMPLE LOCATIONS

- + SOILGAS
- ○ SURFICIAL SOIL
- ● HPGe
- □ VERTICAL SOIL PROFILE (ACTUAL LOCATION WILL BE SELECTED IN THE FIELD)

SCALE IN FEET

0 80 160



U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden Colorado

OPERABLE UNIT NO. 8
PHASE I RFI/RI WORK PLAN

FIGURE 6-12

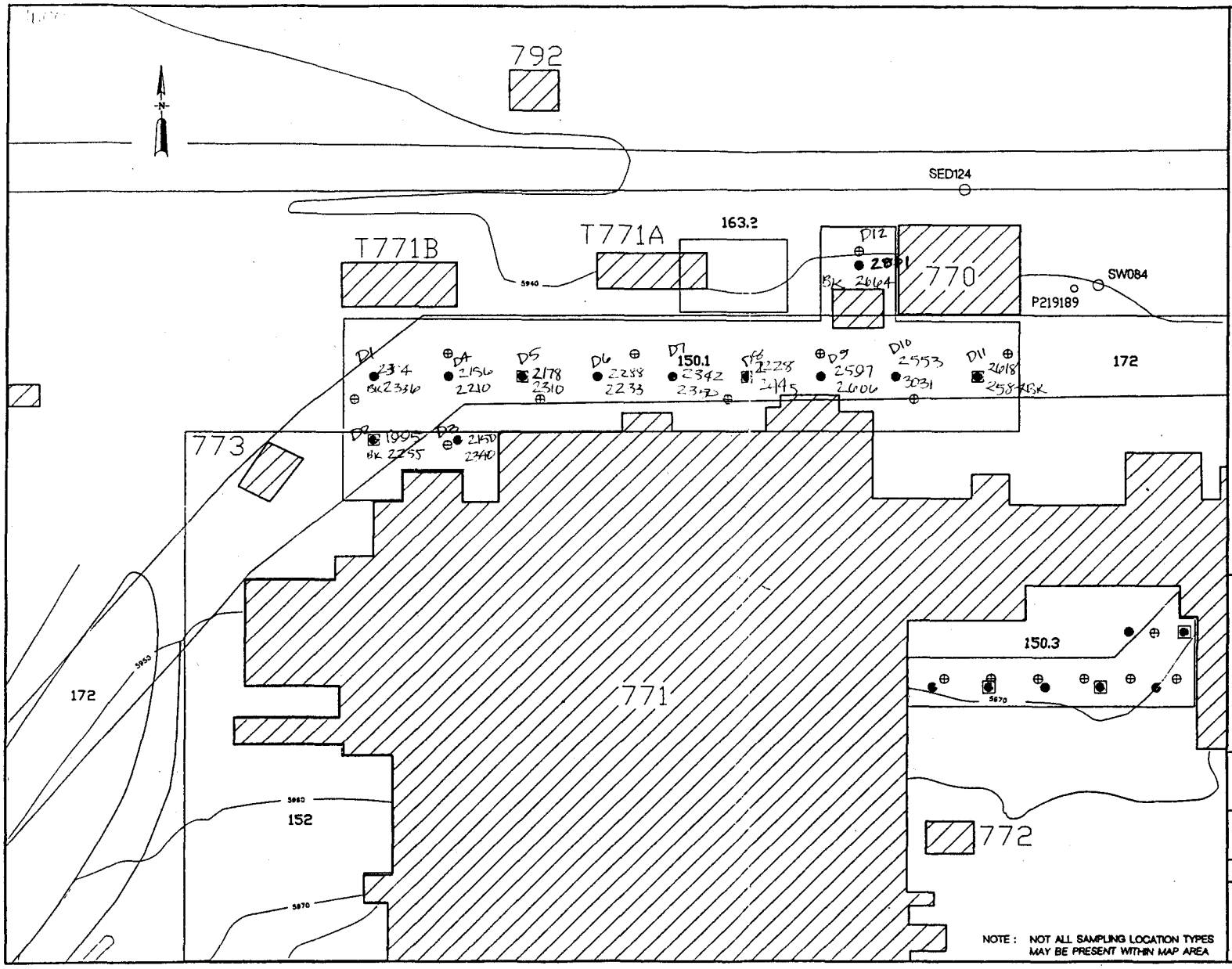
PROPOSED SAMPLING LOCATIONS:
IHSS Nos.: 150.2

Approved By RJJ Date 11/23/92

4

43

11/23/94 B741Q



File Name: OU86-11.DWG

MAP LEGEND

ROADWAYS

SURFACE WATER FEATURES

BUILDINGS AND NUMBERS

137 INDIVIDUAL HAZARDOUS SUBSTANCE SITES AND NUMBERS

EXISTING SAMPLING LOCATION

SW121 ○ SURFACE WATER SAMPLING

SED124 ○ SURFACE WATER SEDIMENT

P207589 ● BEDROCK WELL

P219589 ○ ALLUVIAL WELL

BH33-87 ○ BOREHOLE

560 △ PRE-1986 MONITOR WELL

PROPOSED STAGE 2 SAMPLE LOCATIONS

+ SOILGAS

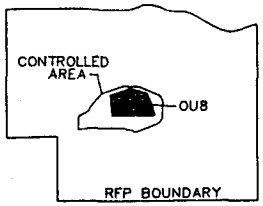
○ SURFICIAL SOIL

● HPGe

□ VERTICAL SOIL PROFILE (ACTUAL LOCATION WILL BE SELECTED IN THE FIELD)

SCALE IN FEET

0 50 100



U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden Colorado

OPERABLE UNIT NO. 8
PHASE I RFI/RI WORK PLAN

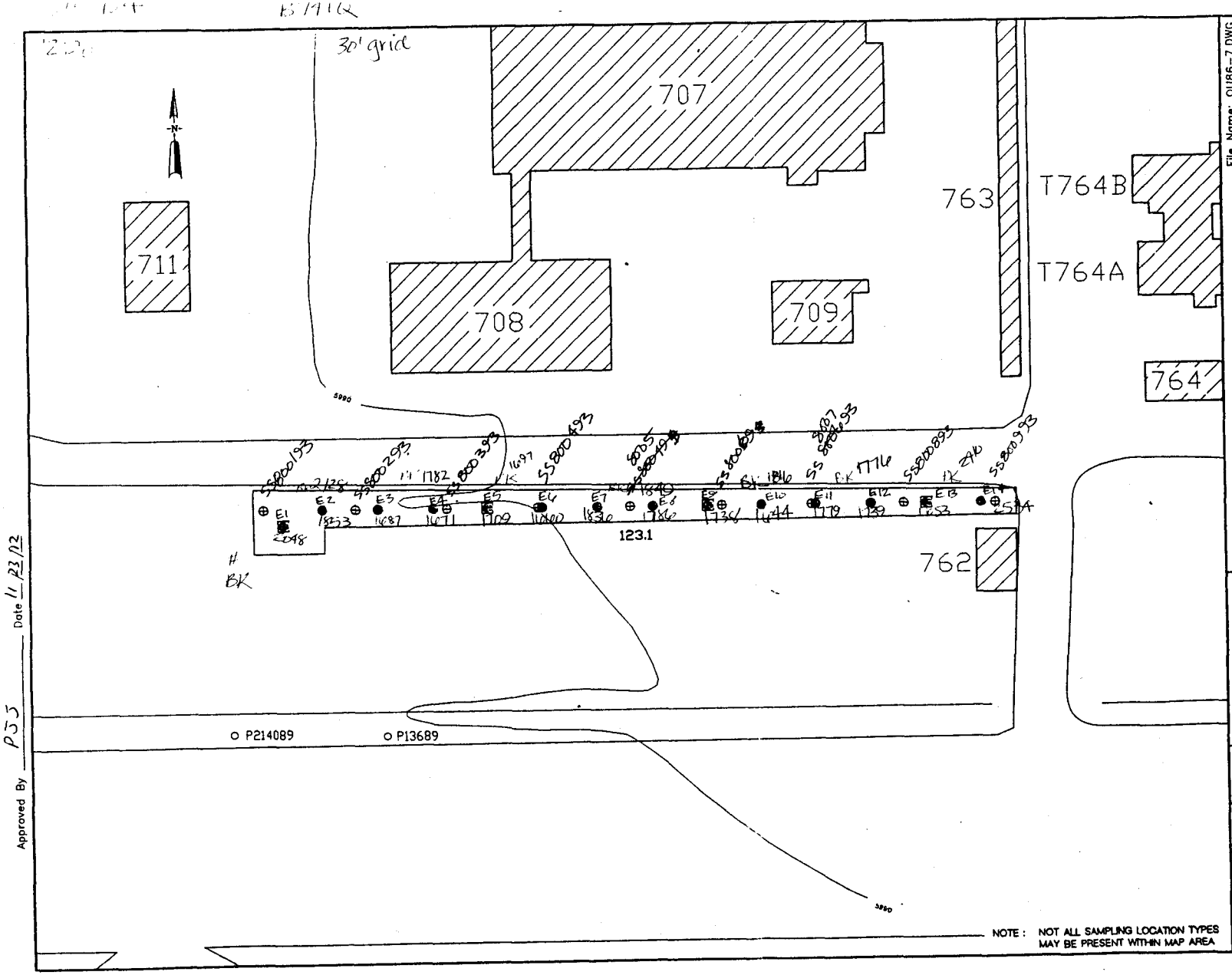
FIGURE 6-11

PROPOSED SAMPLING LOCATIONS:
IHSS Nos.: 150.1, 150.3 & 163.2

Approved By R.S.J. Date 11/23/92

5

44



File Name: OU86-7.DWG

MAP LEGEND

- ROADWAYS
- SURFACE WATER FEATURES
- BUILDINGS AND NUMBERS
- 137 INDIVIDUAL HAZARDOUS SUBSTANCE SITES AND NUMBERS

EXISTING SAMPLING LOCATION

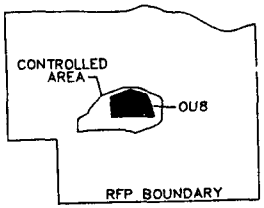
- SW121 ○ SURFACE WATER SAMPLING
- SED124 ○ SURFACE WATER SEDIMENT
- P207589 ● BEDROCK WELL
- P219589 ○ ALLUVIAL WELL
- BH33-87 ○ BOREHOLE
- 560 △ PRE-1985 MONITOR WELL

PROPOSED STAGE 2 SAMPLE LOCATIONS

- + SOILGAS
- ○ SURFICIAL SOIL
- ● HPGe
- □ VERTICAL SOIL PROFILE (ACTUAL LOCATION WILL BE SELECTED IN THE FIELD)

SCALE IN FEET

0 50 100



U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden Colorado

OPERABLE UNIT NO. 8
PHASE I RFI/RI WORK PLAN

FIGURE 6-7

PROPOSED SAMPLING LOCATIONS:
IHSS Nos.: 123.1

NOTE: NOT ALL SAMPLING LOCATION TYPES MAY BE PRESENT WITHIN MAP AREA

Approved By P55 Date 11/23/92

6 of 6

000051383

FORM 6.6A

COPY

GAMMA SURVEY

CONTROL NO: SPECIAL

Taken by: A. Kneelone-Marlar SSAN # _____ Reviewed by: H Christman

Taken by: F. LOPEZ SSAN # _____ SSO: _____ SSAN # _____

Taken by: T. BOYD SSAN # _____ Name/Organization: JEG SSAN # _____

Date: 10 JAN 95 Building: IHSS172

Time: AM. Room #: _____

Shift: _____

Survey Description: NaI survey of IHSS172 along Central Ave and 4th Ave

BICRON FIDLER

Mfg:	FIDLER	FIDLER	FIDLER	FIDLER	FIDLER
Model:	BICRON	BICRON			
Serial #:	B741Q	B388A			
Date Perf. Ck:	10 JAN 95	10 JAN 95		NA	
Date Calib'd:	10/94	9/94			
Cal. Due Date:	10/95	9/95			
BK	2099	1729			

		LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)			LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)
Row A	1	A1	2099	2600	2611	N	Row B	16	B1		2600	2579	N
	2	A2		1900	1861	N		17	B2		2500	2469	N
	3	A3		1800	1781	N		18	B3		2500	2498	N
	4	A4		1850	1856	N		19	B4		2500	2460	N
	5	A5		1800	1783	N		20	B5	2099	2200	2149	N
	6	A6		1800	1753	N		21	B6		2150	2132	N
	7	A7		1750	1749	N		22	B7		2100	2117	N
	8	A8		1800	1803	N		23	B8		2300	2252	N
	9	A9		1800	1778	N		24	B9		2100	2101	N
	10	A10	1729	1800	1814	N		25	B10		2150	2139	N
	11	A11		2300	2269	N		26	B11		2150	2147	N
	12	A12		1650	1628	N		27	B12		2050	2064	N
	13	A13		1700	1728	N		28	B13		2200	2168	N
	14	A14		1700	1708	N		29	B14		2150	2145	N
	15	A15		1700	1700	N		30	B15	1729	2100	2081	N

under power line

GAMMA SURVEY

CONTROL NO: SPECIAL

		LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)
Row C	31	C1	2099	1750	1740	N
	32	C2		2000	1984	N
	33	C3		1800	1775	N
	34	C4		2050	2050	N
	35	C5		1700	1663	N
	36	C6		2000	1943	N
	37	C7		1600	1648	N
	38	C8		1850	1852	N
	39	C9		1900	1905	N
	40	C10	1729	1700	1661	N
	41	C11		1500	1465	N
	42	C12		1700	1670	N
	43	C13		1650	1616	N
	44	C14		1900	1896	N
	45	C15		1500	1494	N
Row A	46	A16		1700	1705	N
	47	A17		1800	1759	N
	48	A18		1600	1567	N
	49	A19		2400	2358	N
	50	A20	2098	1900	1886	N
	51	A21		1750	1739	N
	52	A22		1600	1610	N
	53	A23		1750	1723	N
	54	A24		1750	1754	N
	55	A25		1800	1769	N
	56	A26		1700	1659	N
	57	A27		1800	1784	N
	58	A28		1650	1648	N
	59	A29		1800	1771	N
	60	A30	1729	1750	1729	N
Row B	61	B16		2100	2088	N
	62	B17		2200	2138	N
	63	B18		2000	1951	N
	64	B19		2150	2119	N
	65	B20		2150	2133	N
	66	B21		2050	2044	N
	67	B22		2100	2076	N
	68	B23		2350	2347	N
	69	B24		2150	2147	N
	70	B25	2099	2050	2058	N
	71	B26		2150	2133	N
	72	B27		2050	2040	N
	73	B28		2050	2012	N
	74	B29		2100	2098	N
	75	B30		2150	2140	N
Row C	76	C16		1600	1605	N
	77	C17		1500	1509	N
	78	C18		1650	1651	N
	79	C19		1700	1674	N
	80	C20	1729	2150	2150	N
	81	C21		1700	1673	N
	82	C22		2000	1947	N
	83	C23		1350	1334	N
	84	C24		1700	1667	N
	85	C25		1350	1344	N
	86	C26		1650	1646	N
	87	C27		1650	1618	N
	88	C28		1950	1948	N
	89	C29		1950	1938	N
	90	C30	2019	1450	1450	N
	91	C31		1950	1934	N
	92	C32		1900	1921	N
	93	C33		2150	2149	N
	94	C34		1750	1727	N
	95	C35		2000	1991	N
	96	C36		1750	1750	N
	97	C37		1850	1825	N
	98	C38		1700	1670	N
	99	C39		1700	1658	N
	100	C40		1800	1800	N

GAMMA SURVEY

CONTROL NO: SPECIAL

	LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)
31	A31	1729	1650	1634	N
32	A32		1550	1542	N
33	A33		1700	1685	N
34	A34		1850	1841	N
35	A35		1700	1715	N
36	A36		2400	2381	N
37	A37		2300	2298	N
38	A38		2200	2159	N
39	A39		2200	2198	N
40	A40	2099	2100	2101	N
41	A41		1950	1929	N
42	A42		2100	2054	N
43	A43		2050	2048	N
44	A44		1950	1930	N
45	A45		1900	1905	N
46	A46		2050	2031	N
47	A47		2100	2105	N
48	A48		1850	1813	N
49	A49		1800	1786	N
50	A50	1729	1950	1922	N
51	A51		2000	1990	N
52	A52		2000	1997	N
53	A53		1500	1521	N
54	A54		1500	1474	N
55	A55		1500	1484	N
56	A56		1400	1383	N
57	A57		1550	1546	N
58	A58		1500	1472	N
59	A60		1500	1473	N
60	B31	2099	2150	2125	N
61	B32		2100	2065	N
62	B33		2200	2204	N
63	B34		2250	2227	N
64	B35		2200	2182	N
65	B36		2400	2345	N
66	B37		2400	2364	N
67	B38		2450	2451	N
68	B39		2400	2398	N
69	BA40		2400	2376	N
70	BA41		2200	2209	N
71	BA42	1729	2100	2081	N
72	BA43		2150	2146	N
73	BA44		2150	2147	N
74	BA45		1800	1791	N
75	BA46		1750	1748	N
76	BA47		1800	1767	N
77	BA48		2050	2031	N
78	BA49		2100	2109	N
79	B50		2050	2045	N
80	B51		2200	2189	N
81	B52	2099	2100	2108	N
82	B53		2100	2122	N
83	B54		1750	1732	N
84	B55		1600	1594	N
85	B56		1600	1654	N
86	B57		1750	1747	N
87	B58		1800	1771	N
88	B59		1700	1666	N
89	B60		1900	1860	N
90	C41		1700	1649	N
91	C42	1729	2000	1964	N
92	C43		2100	1539	N
93	C44		2200	2174	N
94	C45		1550	1539	N
95	C46		2100	1790	N
96	C47		2000	2064	N
97	C48		1850	1860	N
98	C49		1900	1768	N
99	C50		2000	2006	N
100	C51		1800	1786	N

FORM 6.6A (Continued)

~~Page 2 of~~ 4/5 Akamala

GAMMA SURVEY

CONTROL NO: SPECIAL

	LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)
31	C52	2099	2000	1917	N
32	C53		1600	1582	N
33	C54		1900	1886	N
34	C55		1650	1589	N
35	C56		1700	1637	N
36	C57		1500	1539	N
37	C58		1650	1750	N
38	C59		1500	1356	N
39	C60		1800	1773	N
40	C61		1550	1444	N
41	C62		1750	1688	N
42	A61		1550	1486	N
43	A62		1600	1538	N
44	B61		1900	1908	N
45	B62		1650	1643	N
46					
47					
48					
49					
50					
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52					
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60					
61					
62					
63					
64					
65					

	LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)
66					
67					
68					
69					
70					
71					
72					
73					
74					
75					
76					
77					
78					
79					
80					
81					
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99					
100					

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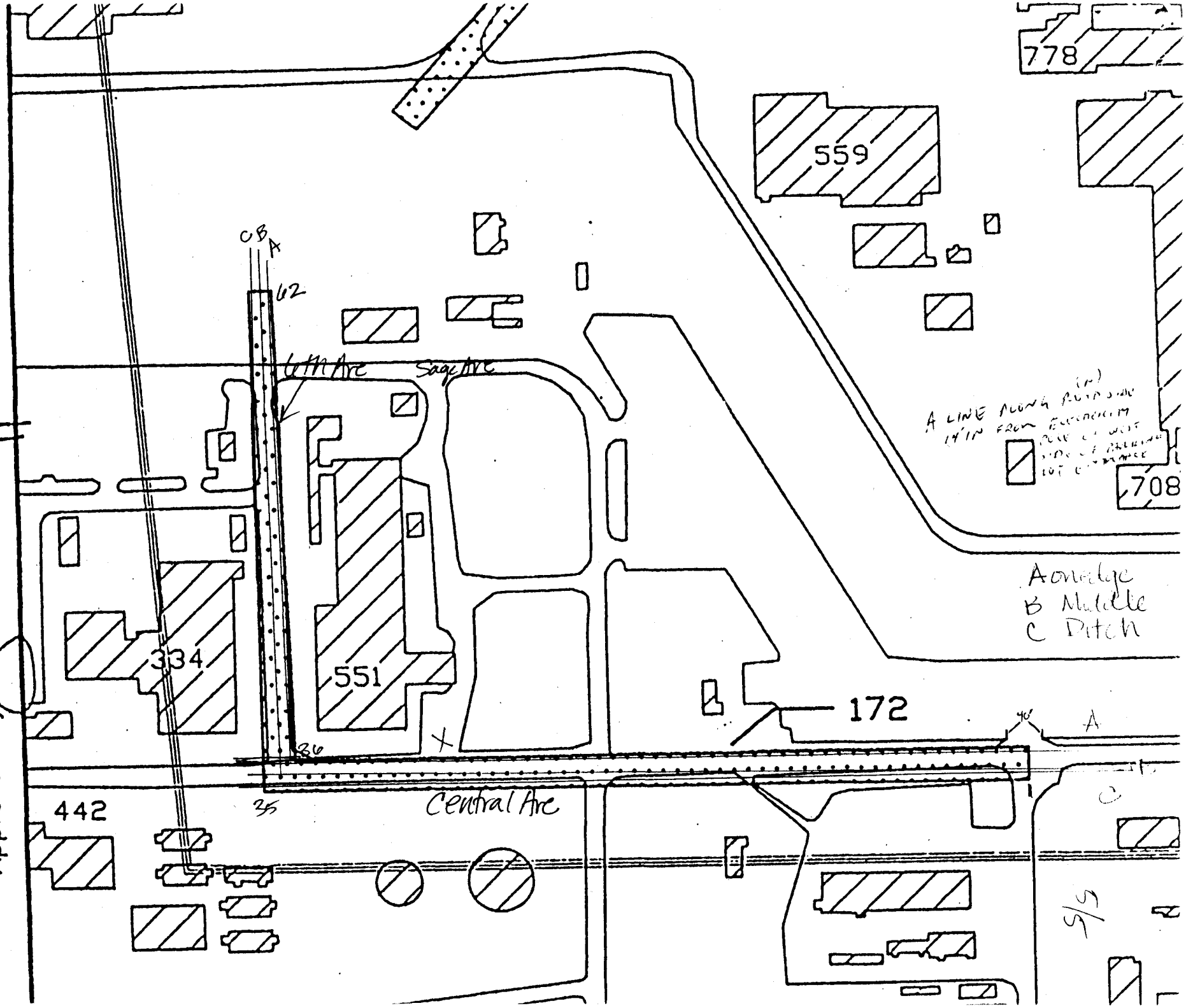

Approved By James D. [illegible] Date 11/23/92

5 of 5

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4B110

000051384

FORM 6.6A

COPY

GAMMA SURVEY

CONTROL NO. SPECIAL

Taken by: A. Kneebone-Aoll SSAN Emp. [redacted] ewed by: A. Christman

Taken by: B. PASSINO Emp. [redacted] SSAN or Emp. #

Taken by: Emp. # Name/Organization Emp. #

Date: 12/8/94 Building:

Time: Room #:

Shift:

Survey Description: rad survey of OU8 IHSS 172 - along Central Ave. on a 30' x 3 row grid

BICRON FIDLER

Mfg:	FIDLER	FIDLER	FIDLER	FIDLER	FIDLER
Model:	BICRON	BICRON			
Serial #:	A051M	B7410			
Date Perf. Ck:	12/94	12/94		NA	
Date Calib'd:	11/94	10/94			
Cal. Due Date:	11/95	10/95			

	BKG	c/m METER	SCALER	AREA POSTED (Y/N)		BKG	c/m METER	SCALER	AREA POSTED (Y/N)
A 1.	2078	2000	2057	N	12.		2200	2271	N
2.		2100	2110	N	13.		2200	2210	N
3.		2100	2191	N	14.		2200	2201	N
4.		2000	2019	N	15.		2200	2252	N
5.		2500	2531	N	16.	2294	2300	2228	N
6.	2328	2300	2354	N	17.		2300	2323	N
7.		2300	2333	N	18.		2400	2407	N
8.		2300	2326	N	19.		2300	2378	N
9.		2300	2359	N	20.		2500	2473	N
10.		2200	2279	N	21.	2572	2400	2401	N
11.	2352	~~2200~~ 2200	2268	N	22.		2000	1860	N

PK 12/15/94

(4006-123-0025) (EG&G6-6.ROI) (11-16-91) (2:32pm)lmb

12/19/94

GAMMA SURVEY

CONTROL NO. SPECIAL

	BKG	c/m METER	SCALER	AREA POSTED (Y/N)
A 23.		1900	1963	N
24.		2100	2157	N
25.		2100	2157	N
26.	2211	2200	~~2214~~ 2230	N
27.		2200	2260	N
28.		2100	2164	N
29.		2100	2168	N
30.		1900	1994	N
31.	2061	2100	2143	N
32.		2200	2146	N
33.		2000	2060	N
34.		2100	2133	N
35.		2000	2075	N
36.	2046	2000	2087	N
37.		2000	2024	N
38.		1900	1930	N
39.		1900	1909	N
40.	~~1998~~	12/14/94		N
41.	1998	1900	1987	N
42.		1900	1954	N
43.		2000	2060	N
44.		1900	1946	N
45.		1900	1985	N
46.	1831	1900	1942	N
47.		1900	1995	N
48.		1800	1846	N
49.		1600	1608	N

	BKG	c/m METER	SCALER	AREA POSTED (Y/N)
A 50.		2000	2007	N
51.	1897	1700	1730	N
52.		1800	1885	N
53.		1600	1643	N
54.				
55.				
56.				
57.				
58.				
59.				
60.				
61.				
62.				
63.				
64.				
65.				
66.				
67.		12/19/94		
68.				
69.				
70.				
71.				
72.				
73.				
74.				
75.				
76.				

GAMMA SURVEY

CONTROL NO: SPECIAL

Taken by: _____ SSAN # _____ Reviewed by: _____

Taken by: _____ SSAN # _____ SSO: _____ SSAN # _____

Taken by: _____ SSAN # _____ Name/Organization: _____ SSAN # _____

Date: _____ Building: _____ Survey Description: _____

Time: _____ Room #: _____

Shift: _____

BICRON FIDLER

Mfg:	FIDLER	FIDLER	FIDLER	FIDLER	FIDLER
Model:					
Serial #:					
Date Perf. Ck:					
Date Calib'd:					
Cal. Due Date:					

	LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)		LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)
1	B1	2078	2200	2225	N	16	B16	2294	2300	2321	N
2	B2		2300	2310	N	17	B17		2400	2433	N
3	B3		2300	2358	N	18	B18		2400	2409	N
4	B4		2500	2493	N	19	B19		2400	2480	N
5	B5	2328	2400	2427	N	20	B20		2400	2464	N
6	B6		2500	2527	N	21	B21	2572	2600	2623	N
7	B7		2400	2381	N	22	B22		2400	2397	N
8	B8		2300	2374	N	23	B23		2400	2438	N
9	B9		2400	2390	N	24	B24		2400	2456	N
10	B10	2352	2300	2327	N	25	B25		2400	2416	N
11	B11		2300	2272	N	26	B26	2211	2500	2507	N
12	B12		2200	2280	N	27	B27		2400	2393	N
13	B13		2300	2356	N	28	B28		2300	2330	N
14	B14		2300	2358	N	29	B29		2200	2252	N
15	B15		2400	2437	N	30	B30		2200	2261	N

GAMMA SURVEY

CONTROL NO: SPECIAL

	LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)		LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)
31	B31	2061	2200	2264	N	66	C13			2062	
32	B32		2200	2205	N	67	C14			2281	
33	B33		2200	2229	N	68	C15			2042	
34	B34		2200	2215	N	69	C16			1599	
35	B35		2200	2260	N	70	C17			1647	
36	B36	2046	2200	2250	N	71	C18			2133	
37	B37		2000	2024	N	72	C19			1778	
38	B38		1900	1855	N	73	C20			2460	
39	B39		1800	1820	N	74	C21			2557	
40	B40		1700	1760	N	75	C22			3237	
41	B41	1998	1800	1861	N	76	C23			1807	
42	B42		1800	1800	N	77	C24			2144	
43	B43		1800	1834	N	78	C25			1878	
44	B44		1800	1800	N	79	C26			2468	
45	B45		1800	1824	N	80	C27			2449	
46	B46	1831	1800	1843	N	81	C28			2321	
47	B47		1800	1819	N	82	C29			2429	
48	B48		1800	1788	N	83	C30			2655	
49	B49		1800	1794	N	84	C31			2089	
50	B50		1700	1745	N	85	C32			2457	
51	B51	1897	1800	1768	N	86	C33			2320	
52	B52		1700	1752	N	87	C34			1901	
53	B53		2100	2111	N	88	C35			1975	
54	C1	2078		1862		89	C36			2329	
55	C2			1486		90	C37			2012	
56	C3			1750		91	C38			1960	
57	C4			1553		92	C39			1967	
58	C5	2528		1894		93	C40			1544	
59	C6			2345		94	C41			1699	
60	C7			2985		95	C42			2065	
61	C8			1734		96	C43			1694	
62	C9			1877		97	C44			1563	
63	C10	2352		1548		98	C45			1882	
64	C11			1958		99	C46			2010	
65	C12			2223		100	C47			1663	

4

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GAMMA SURVEY

CONTROL NO: SPECIAL

Taken by: _____ SSAN # _____ Reviewed by: _____

Taken by: _____ SSAN # _____ SSO: _____ SSAN # _____

Taken by: _____ SSAN # _____ Name/Organization: _____ SSAN # _____

Date: _____ Building: _____ Survey Description: _____

Time: _____ Room #: _____

Shift: _____

BICRON FIDLER

Mfg:	FIDLER	FIDLER	FIDLER	FIDLER	FIDLER
Model:					
Serial #:					
Date Perf. Ck.					
Date Calib'd:					
Cal. Due Date:					

	LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)		LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)
1	C1	2352	1800	1862	N	16	C16	1599	1600	1647	N
2	C2		1400	1486	N	17	C17		2100	2153	N
3	C3		1700	1750	N	18	C18		1700	1778	N
4	C4		1500	1553	N	19	C19		2400	2460	N
5	C5		1900	1894	N	20	C20		2500	2557	N
6	C6	2315	3000	2985	N	21	C21	3237	1800	1807	N
7	C7		1700	1734	N	22	C22		2100	2144	N
8	C8		1900	1897	N	23	C23		1800	1878	N
9	C9		1500	1548	N	24	C24		2400	2468	N
10	C10		1800	1858	N	25	C25		2400	2449	N
11	C11	1976	2000	2024	N	26	C26	2321	2400	~~2321~~ 2429	N
12	C12		2200	2213	N	27	C27		2600	~~2429~~ 2655	N
13	C13		2000	2062	N	28	C28		2000	2089	N
14	C14		2200	2281	N	29	C29		2400	2457	N
15	C15		2000	2042	N	30	C30		2300	2320	N

6 of 7

FORM 6.6A (Continued)

GAMMA SURVEY

CONTROL NO: SPECIAL

	LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)		LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)
31	C31 ~~1901~~	12/19/94 1901	1900	1975	N	66					
32	C32		2300	2329	N	67					
33	C33		2000	2012	N	68					
34	C34		1900	1960	N	69					
35	C35		1900	1907	N	70					
36	C36 ~~1544~~	12/19/94 1544	1700	1699	N	71					
37	C37		2000	2065	N	72					
38	C38		1700	1694	N	73					
39	C39		1500	1563	N	74					
40	C40	1882	2000	2010	N	75					
41	C41		1600	1663	N	76					
42	C42		1900	1987	N	77					
43	C43		1700	1755	N	78					
44	C44		1900	1991	N	79					
45	C45	1536	1800	1839	N	80					
46	C46		2000	2041	N	81					
47	C47		2000	2083	N	82					
48	C48		1900	1977	N	83					
49	C49		1900	1947	N	84					
50	C50	2048	2100	2110	N	85					
51	C51		2000	2039	N	86					
52	C52		1900	1906	N	87					
53						88					
54						89					
55						90					
56						91					
57						92					
58						93					
59						94					
60		12/19/94				95					
61						96					
62						97					
63						98					
64						99					
65						100					

12/19/94

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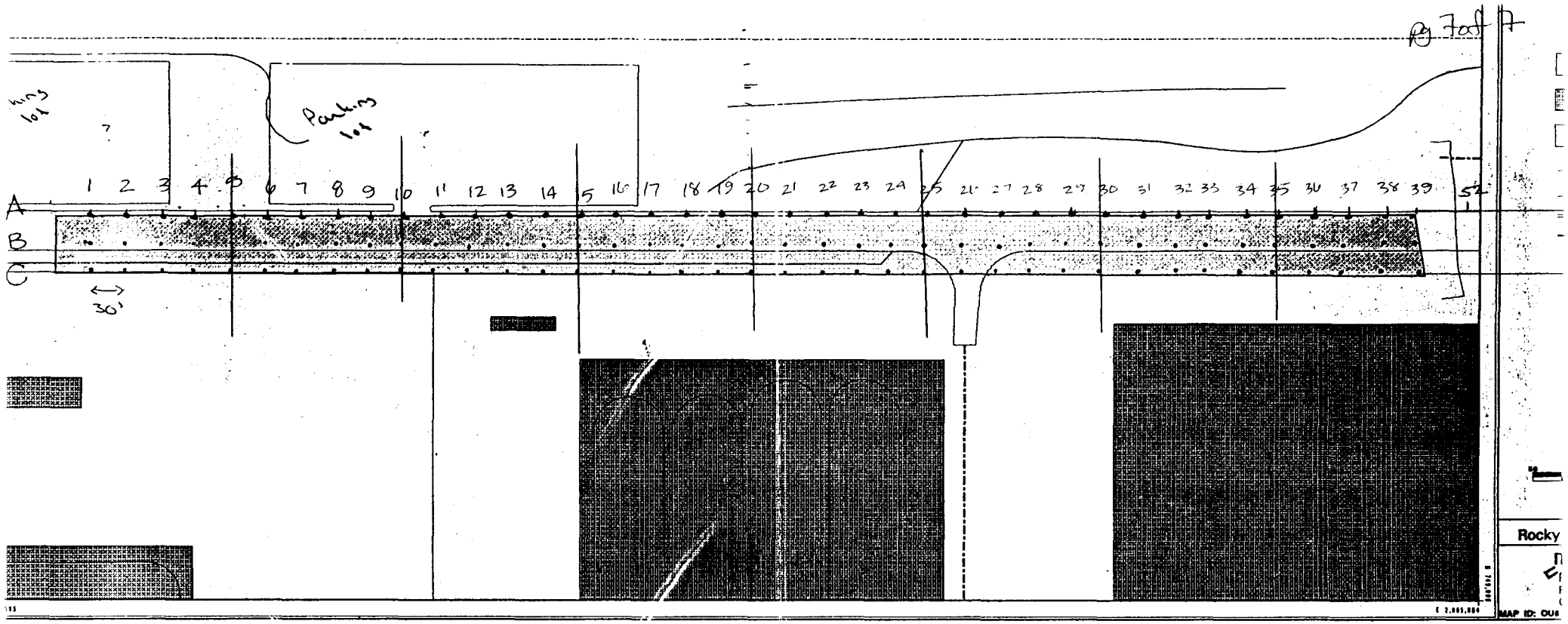

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FORM 6.6A

COPY

GAMMA SURVEY

CONTROL NO. SPECIAL

Taken by: [illegible] SSAN or Emp. # [redacted] Reviewed by: [illegible] Christman 1-17-95

Taken by: [illegible] Emp. # _____ SSO _____ SSAN or Emp. # _____

Taken by: _____ Emp. # _____ Name/Organization _____ Emp. # _____

Date: 12-15-94 Building: OU8 & 14

Time: 10:00 Room #: IHSS's

Shift: N/A

Survey Description: OU8 AND OU14 NaI SURVEYS

BICRON FIDLER

Mfg:	FIDLER	FIDLER	FIDLER	FIDLER	FIDLER
Model:	G-5				
Serial #:	8741Q				
Date Perf. Ck:	12-15-94				
Date Calib'd:	10-7-94				
Cal. Due Date:	10-95				

N/A

		BKG	c/m METER	SCALER	AREA POSTED (Y/N)
150.2-2	1.	1803	2800	2697	N
150.2-3	2.	1803	1700	1766	
150.2-4	3.	2596	2300	2286	
150.2-5	4.		1800	1632	
150.2-6	5.		3600	3725	
150.2-7	6.		3000	2996	
150.2-8	7.		3600	2553	
150.6-1	8.	2308	2000	1944	
150.6-2	9.		2400	2135	
150.6-3	10.		2200	2199	
150.6-4	11.		2300	2232	
150.6-5	12.		2200	2202	N
150.6-6	13.		2400	2334	
150.6-7	14.	2542	2500	2365	
150.6-8	15.		2400	2350	
150.6-9	16.		2900	2720	
138-10	17.	1972	1700	1742	
138-11	18.		2000	2024	
138-12	19.		1900	1925	
138-13	20.		2800	2232	
	21.	2961	3300	3354	
	22.		3100	2972	

IHSS 162

(4006-123-0025) (EG&G6-6.ROI) (11-16-91) (2:32pm)lmb

GAMMA SURVEY

CONTROL NO. SPECIAL

	BKG	c/m METER	SCALER	AREA POSTED (Y/N)
23.		3000	2897	
24.		2800	2557	
25.		2900	2774	
26.		2600	2696	
27.		2900	2781	
28.		2700	2772	
29.		2000	2932	
30.		3100	3117	
31.		2400	2202	
32.		2100	1960	
33.		1700	1731	
34.		1800	1562	
35.		1630	1638	
36.		2200	2123	
37.	2082	2000	1795	
38.		2500	2344	
39.		2400	2230	
40.		2700	2309	
41.		2400	2379	
42.		2600	2424	
43.		3000	2969	
44.		2100	1872	
45.		2300	2139	
46.		1800	1801	
47.		2000	1863	
48.		2100	1968	
49.		1700	1692	

	BKG	c/m METER	SCALER	AREA POSTED (Y/N)
50.	2083	1700	1628	
51.		2500	2390	
52.		2200	2161	
53.		1600	1512	
54.		~~1500~~		0 BB
55.				
56.				
57.				
58.				
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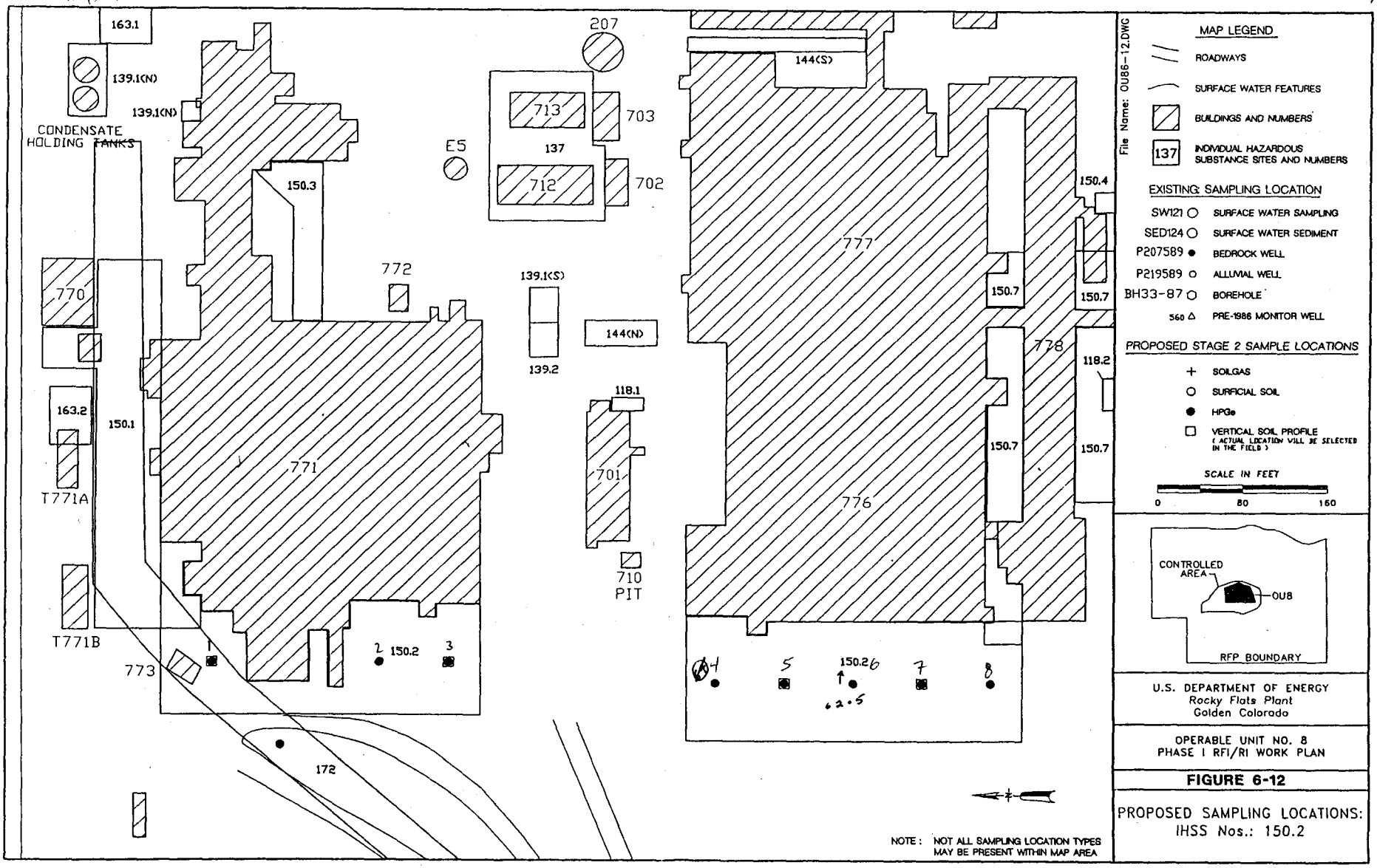
74.				
75.				
76.				

12/15/94

7/100



U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden Colorado

OPERABLE UNIT NO. 8
PHASE I RFI/RI WORK PLAN

FIGURE 6-12

PROPOSED SAMPLING LOCATIONS:
IHSS Nos.: 150.2

Approved By RJJ Date 11/23/92

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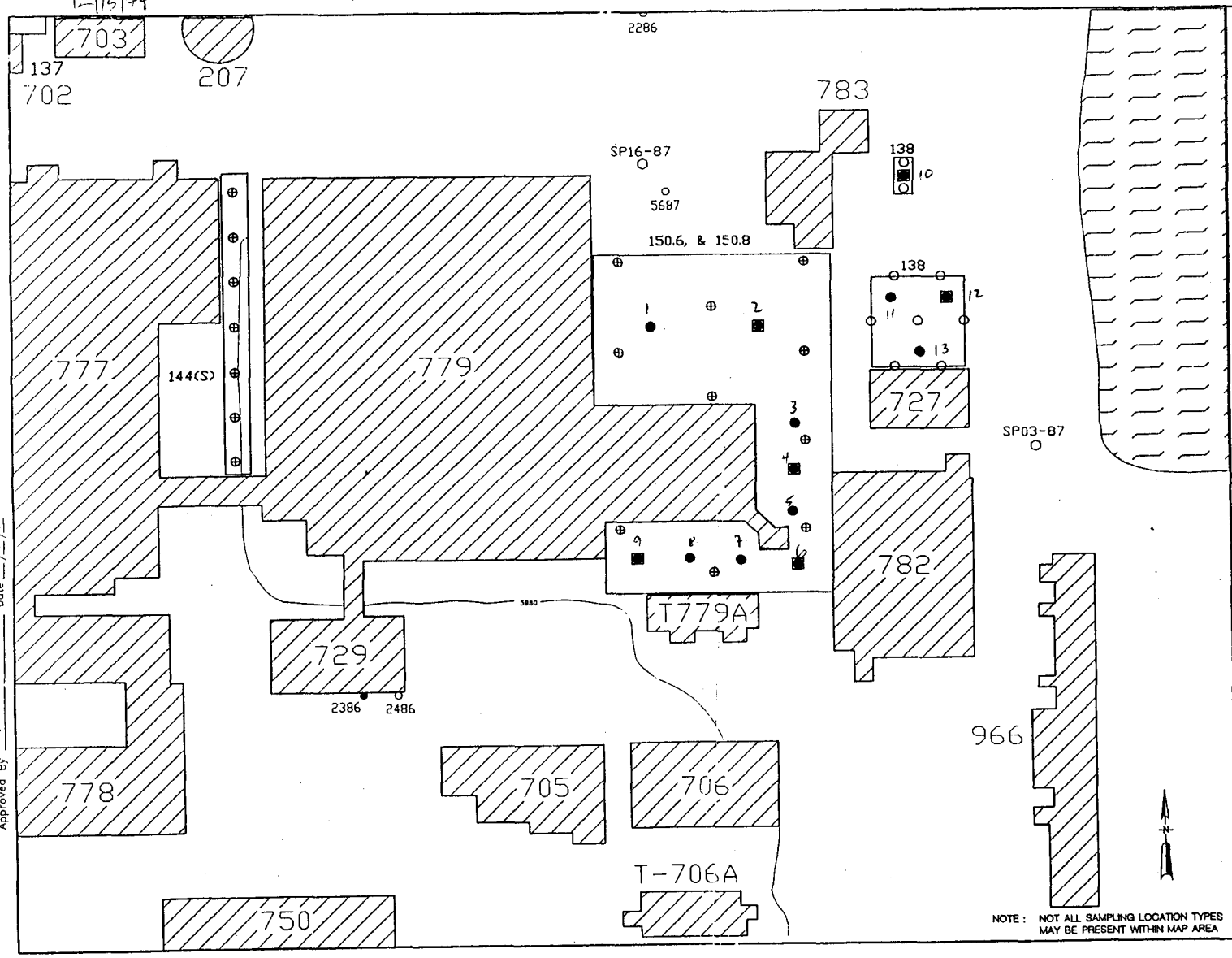
12/15/94



MAP LEGEND

ROADWAYS

SURFACE WATER FEATURES

BUILDINGS AND NUMBERS

137 INDIVIDUAL HAZARDOUS SUBSTANCE SITES AND NUMBERS

EXISTING SAMPLING LOCATION

SW121 ○ SURFACE WATER SAMPLING

SED124 ○ SURFACE WATER SEDIMENT

P207589 ● BEDROCK WELL

P219589 ○ ALLUVIAL WELL

BH33-87 ○ BOREHOLE

560 △ PRE-1986 MONITOR WELL

PROPOSED STAGE 2 SAMPLE LOCATIONS

+ SOILGAS

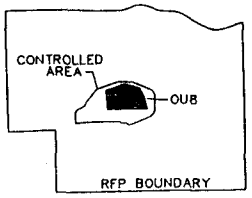
○ SURFICIAL SOIL

● HPGe

□ VERTICAL SOIL PROFILE (ACTUAL LOCATION WILL BE SELECTED IN THE FIELD)

SCALE IN FEET

0 50 100



U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden Colorado

OPERABLE UNIT NO. 8
PHASE I RFI/RI WORK PLAN

FIGURE 6-9

PROPOSED SAMPLING LOCATIONS:
IHSS Nos.: 138, 144(S),
150.6 & 150.8

Approved By PJJ Date 11/23/92

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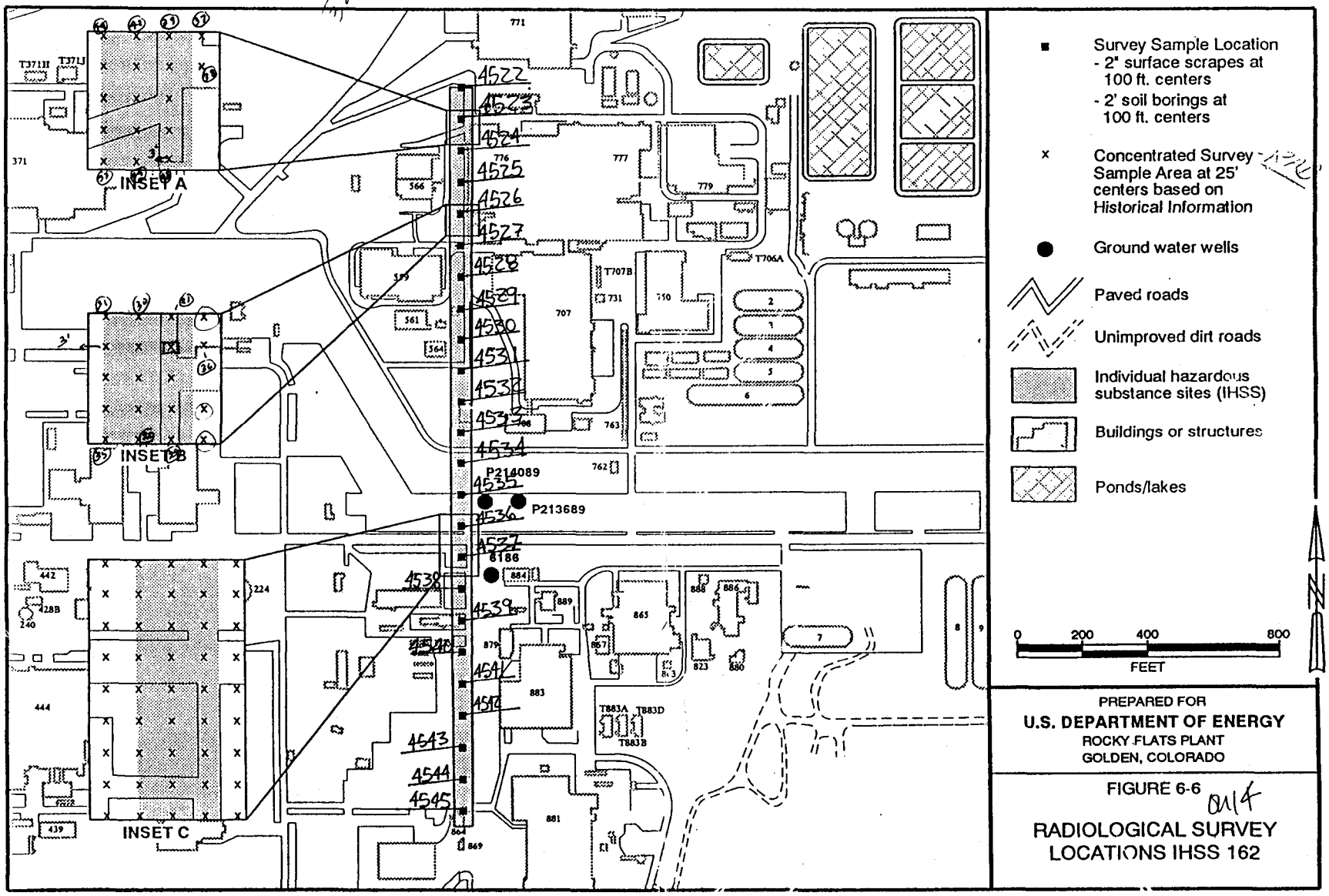

PREPARED FOR
U.S. DEPARTMENT OF ENERGY
ROCKY FLATS PLANT
GOLDEN, COLORADO

FIGURE 6-6

RADIOLOGICAL SURVEY LOCATIONS IHSS 162

5 of 8

(intentionally blank)

EG&G ROCKY FLATS

Environmental Restoration Program Division
Record Deficiency
Form

COPY

Date 2/20/95

To: Wayne Fuller

From: Sandra Oyer

SUBJECT: RECEIPT INSPECTION OF THE FOLLOWING RECORD: RT - 94/465
51385

This record has been inspected and was determined deficient for the reason(s) marked below:

- ☐ INCOMPLETE (Pages or Attachments/Enclosures missing)
- ☐ INCOMPLETE DATA AVAILABLE FOR RECORD INDEXING: Record Date - Record Title/Subject Line - Record Receiver Name and Organization - Record Author Name and Organization
- ☐ NOT PROPERLY AUTHORIZED (required signatures or date missing).
- ☐ RECORD QUALITY IS POOR AND WILL NOT PROVIDE AN ADEQUATE MICROFILM IMAGE
- ☒ OTHER (Specify): No page numbering - This document was verified to be complete by [signature] On the back of page five, there was another page.

x Best Available Copy
x Total number of pages is 7.

PLEASE TAKE APPROPRIATE ACTION TO CORRECT THE RECORD AND RETURN WITH THIS FORM TO THE ERM PROJECT FILE CENTER ON OR BEFORE: _____ Date

COMMENT: The PFC Staff is available to assist you in preparing records for processing

RECORD SOURCE REPLY:

Received Date ____/____/____

- ☐ CORRECTED COPY ATTACHED
- ☐ UNABLE TO CORRECT BECAUSE:

Record Source: [signature] 3/23/95 Date

Corrected Record Received at PFC: Sandra Oyer 3/23/95 Date

PFC Processor Sandra Oyer 3/23/95 Date

RF-48062 (6/94)

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FORM 6.6A

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OU8 IHSS 172

GAMMA SURVEY

CONTROL NO: SPECIAL

Taken by: A. Kneebone-Marcor SSAN [redacted] Reviewed by: Jh Christman

Taken by: B Passino SSAN [redacted] SSO: _____ SSAN # _____

Taken by: _____ SSAN # _____ Name/Organization: _____ SSAN # _____

Date: 12/15/94 Building: _____

Time: _____ Room #: _____

Shift: _____

Survey Description: RAD SURVEY OF OU8 IHSS 172 - along SW to NE ROAD IN PA (ARBITARY LOCATIONS)

BICRON FIDLER

000051385

Mfg:	FIDLER	FIDLER	FIDLER	FIDLER	FIDLER
Model:	BICRON	BICRON			
Serial #:	B388A	B741Q			
Date Perf. Ck:	12/15/94	12/15/94		NA	
Date Calib'd:	9/19/94	10/94			
Cal. Due Date:	9/95	10/95			

		LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)		LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)
By fence	1	A1	1615	1800	1787	N	16	A16		2000	2013	N
in ditch	2	A2		1900	1990	N	17	A17		2100	2077	N
	3	A3		2600	2618	N	18	A18		1950	1990	N
	4	A4		1900	1923	N	19	A19		2000	1998	N
	5	A5	1819	1800	1805	N	20	A20	2074	2200	2164	N
	6	A6		1800	1861	N	21	A21		1600	1603	N
	7	A7		1900	1883	N	22	A22		2150	2141	N
	8	A8		2000	2000	N	23	A23		2000	1974	N
	9	A9		1800	1798	N	24	A24		2000	2033	N
	10	A10	1900	2000	1961	N	25	A25	1987	2100	2101	N
	11	A11		1900	1867	N	26	A26		1850	1844	N
	12	A12		1900	1896	N	27	A27		1950	1961	N
	13	A13		2050	2054	N	28	A28		1900	1880	N
	14	A14		2000	2010	N	29	A29		1950	1940	N
	15	A15	2156	1950	1968	N	30	A30	1995	1850	1846	N

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HSS
OUB 172

GAMMA SURVEY

CONTROL NO: SPECIAL

		LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)
	31	A31		1900	1920	N
	32	A32		1750	1762	N
	33	A33		1900	1917	N
	34	A34		2100	2107	N
	35	A35	1762	2050	2041	N
	36	A36		1750	1753	N
	37	A37		1700	1731	N
	38	A38		1701	1701	N
	39	A39		1800	1777	N
	40	A40	2016	1950	1957	N
	41	A41		1600	1615	N
	42	A42		200	2096	N
	43	A43		1900	1915	N
	44	A44		2000	1975	N
	45	A45	2061	2000	1998	N
	46	A46		2000	1991	N
	47	A47		2000	1968	N
	48	A48		2350	2330	N
BY RCA	49	A49		2450	2460	N
BY RCA	50	A50	2037	2400	2377	N
	51	A51		2500	2485	N
BY RCA	52	A52		2650	2642	N
↓	53	A53		2700	2681	N
BY RCA	54	A54		3050	3037	N
	55	A55	2760	2800	2817	N
	56	A56		2500	2472	N
	57	A57		2600	2586	N
	58	A58		2900	2483	N
	59	B1	1615	1400	1393	N
	60	B2		2000	2033	N
	61	B3		2200	2171	N
	62	B4		1650	1658	N
	63	B5	189	1700	1725	N
	64	B6		1400	1387	N
	65		AKM 12/15/94			

		LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)
	66	B7		1400	1436	N
	67	B8		1500	1483	N
	68	B9		1400	1431	N
	69	B10	1900	1650	1641	N
	70	B11		1600	1580	N
	71	B12		1600	1584	N
	72	B13		1600	1599	N
	73	B14		1600	1601	N
	74	B15	2156	1650	1641	N
	75	B16		1550	1559	N
	76	B17		1700	1670	N
	77	B18		1600	1632	N
	78	B19		1600	1567	N
	79	B20	2074	1500	1519	N
	80	B21		2000	1945	N
	81	B22		1900	1930	N
	82	B23		1550	1542	N
	83	B24		2000	2007	N
	84	B25	1987	1550	1561	N
	85	B26		1900	1904	N
	86	B27		1650	1633	N
	87	B28		1600	1579	N
	88	B29		1650	1646	N
	89	B30	1995	2000	1999	N
	90	B31		1600	1618	N
	91	B32		2000	1981	N
	92	B33		1950	1941	N
	93	B34		2000	2007	N
	94	B35	1762	1850	1827	N
	95	B36		2000	2024	N
	96	B37		1800	1805	N
	97	B38		2000	2092	N
	98	B39		2300	2320	N
	99	B40	2016	2200	2168	N
	100	B41		2000	1969	N

2
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OU8 IHSS 172

FORM 6.6A (Continued) 12/15/94

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GAMMA SURVEY

CONTROL NO: SPECIAL

	LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)
31	B42		2400	2432	N
32	B43		2150	2196	N
33	B44		2400	2369	N
34	B45	2061	2150	2150	N
35	B46		2400	2362	N
36	B47		2400	2428	N
37	B48		200	2081	N
38	B49		2000	2033	N
39	B50	2037	1950	1958	N
40	B51		2050	2051	N
41	B52		1850	1867	N
42	B53		2750	2761	N
43	B54		2600	2604	N
44	B55	2766	2350	2355	N
45	B56		2200	2197	N
46	B57		2150	2167	N
47	B58		2150	2141	N
48	C1	1645	1600	1613	N
49	C2		1500	1516	N
50	C3		1800	1807	N
51	C4		1550	1548	N
52	C5		2400	2315	N
53	C6		1800	1793	N
54	C7		1950	1945	N
55	C8		1500	1497	N
56	C9		2050	2064	N
57	C10	1900	1750	1736	N
58	C11		2200	2176	N
59	C12		1800	1772	N
60	C13		1950	1934	N
61	C14		1600	1614	N
62	C15	2156	2100	2101	N
63	C16		1650	1668	N
64	C17		1990	1989	N
65	C18		2000	1990	N
66	C19		2100	2117	
67	C20	2074	1900	1879	
68	C21		1900	1888	
69	C22		2000	1984	
70	C23		2050	2046	
71	C24		1900	1937	
72	C25	1987	2100	2075	
73	C26		1950	1947	
74	C27		2850	2839	
75	C28		2200	2182	
76	C29		1700	1668	
77	C30	1995	1900	1865	
78	C31		2000	1958	
79	C32		1800	1778	
80	C33		1650	1658	
81	C34		1900	1864	
82	C35	1762	1700	1682	
83	C36		1550	1565	
84	C37		1900	1865	
85	C38		2100	2105	
86	C39		2200	2206	
87	C40	2016	2200	2158	
88	C41		2100	2105	
89	C42		2300	2319	
90	C43		2200	2233	
91	C44		2600	2579	
92	C45	2061	2600	2637	
93	C46		2400	2411	
94	C47		2500	2483	
95	C48		2550	2562	
96	C49		2400	2391	
97	C50	2037	2050	2056	
98	C51		2500	2463	
99	C52		2050	2051	
100	C53		3700	3715	N

B771 SHINE 69

OU8 IHSS 172

FORM 6.6A (Continued)

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GAMMA SURVEY

CONTROL NO: SPECIAL

	LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)		LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)
31	C54	↓	2400	2383	N	66					
32	C55	2760	2350	2340	N	67					
33	C56		2500	2516	N	68					
34	C57		2450	2446	N	69					
35	C58	↓	2400	2375	N	70					
36						71					
37						72					
38						73					
39						74					
40						75					
41						76					
42						77					
43						78					
44						79					
45						80					
46						81					
47						82					
48						83					
49						84					
50						85					
51						86					
52						87					
53						88					
54						89					
55						90					
56						91					
57						92					
58						93					
59						94					
60						95					
61						96					
62						97					
63						98					
64						99					
65						100					

NA

NA

4

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GAMMA SURVEY

CONTROL NO: SPECIAL

Taken by: D HOFSUEN SSAN # [redacted] Reviewed by: _____

Taken by: _____ SSAN # _____ SSO: _____ SSAN # _____

Taken by: _____ SSAN # _____ Name/Organization: _____ SSAN # _____

Date: 12-22-94 Building: OU 08

Time: 0930 Room #: IHSS 172

Shift: 2ND

Survey Description: Sodium Iodide IHSS172

BICRON FIDLER

Mfg:	FIDLER	FIDLER	FIDLER	FIDLER	FIDLER
Model:	G-5				
Serial #:	B741Q				
Date Perf. Ck:	DEC. 12 1994				
Date Calib'd:	OCT. 17 1994				
Cal. Due Date:	OCT. 1995				

NA

	LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)		LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)
1	D-1	1837	1900	1864	N	16	E-16	1696	1800	1672	N
2	D-2	1837	1900	1935	N	17	E-17	1837	1900	1845	N
3	D-3	1837	1900	1900	N	18	E-18	1837	1900	1765	N
4	D-4	1696	1800	1788	N	19	E-19	1872	1900	1858	N
5	D-5	1696	1900	1774	N	20	E-20	1872	1800	1852	N
6	D-6	1837	1900	1747	N	21	E-21	1912	2000	1982	N
7	D-7	1837	1800	1776	N	22	E-22	1912	2000	1932	N
8	D-8	1872	1800	1810	N	23	E-23	1912	1900	1813	N
9	D-9	1872	2000	1932	N	24	E-24	1912	2500	2578	N
10	D-10	1912	1900	1797	N	25	F-25	1837	1800	1675	N
11	D-11	1912	1900	1836	N	26	E-26	1696	1900	1789	N
12	D-12	1912	2500	2397	N	27	E-27	1696	1900	1778	N
13	D-13	1837	2000	1827	N	28	E-28	1837	1700	1795	N
14	E-14	1837	1800	1715	N	29	E-29	1837	2000	1825	N
15	E-15	1696	1800	1734	N	30	E-30	1872	2000	1856	N

GAMMA SURVEY

CONTROL NO: SPECIAL

	LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)
31	F-31	1872	2000	2017	N
32	F-32	1912	2000	1962	N
33	F-33	1912	2000	1927	N
34	F-34	1912	2000	2311	N
35	F-35	1912	2400	2310	N
36					
37					
38					
39					
40					
41					
42					
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	LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)
66					
67					
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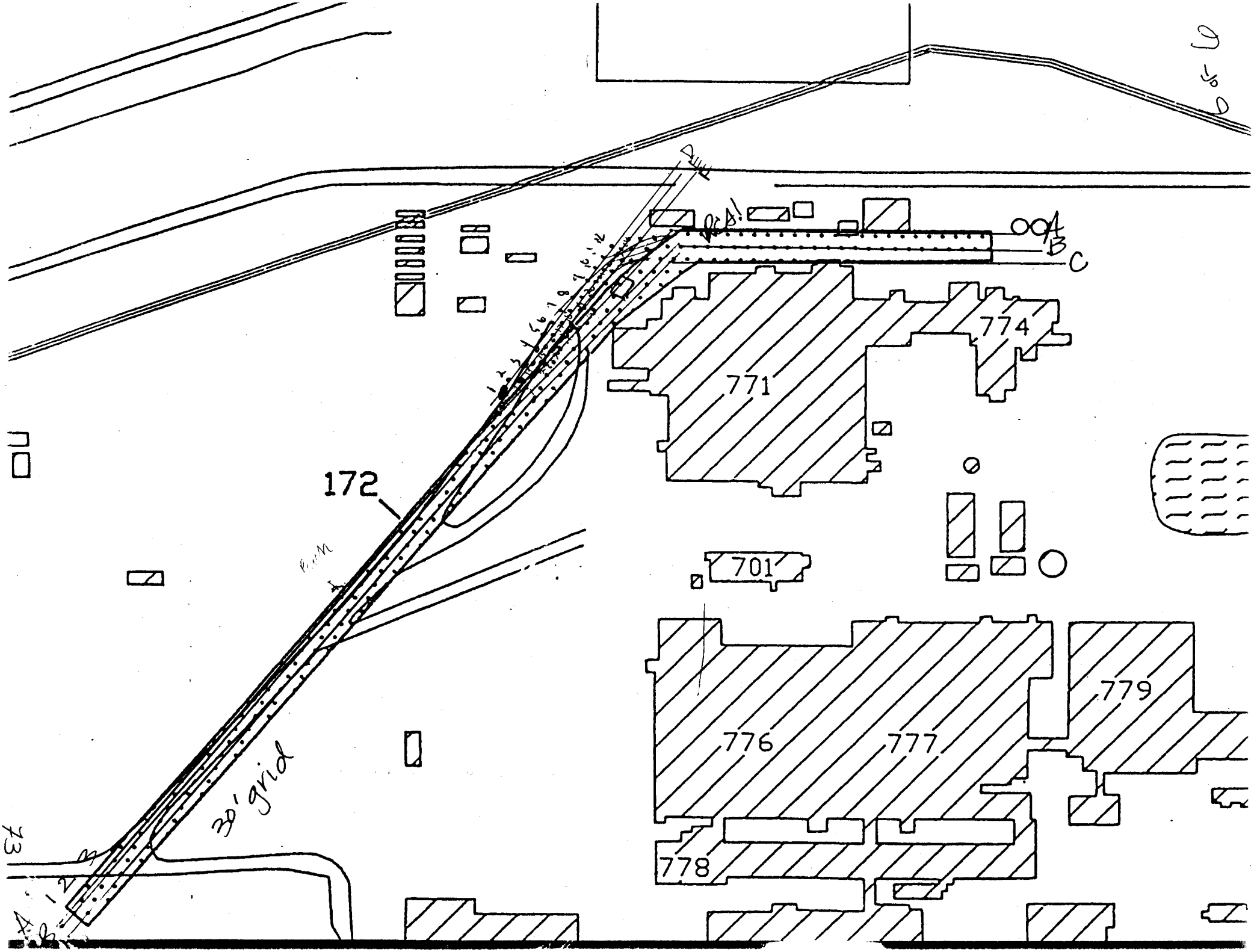
99					
100					

12/22/94

12/22/94



172
771
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701
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777
779
778
30' grid
A
B
C

APPENDIX C

Vertical Soil Profile Data

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APPENDIX C
LIST OF TABLES

C-1 Status of Vertical Soil Profile Data as of June 13, 1995
C-2 Vertical Soil Profile Results for OU8

(intentionally blank)

APPENDIX C LEGEND

DUP	=	duplicate
IHSS	=	Individual Hazardous Substance Site
Lab-Qual	=	laboratory qualifier
MDA	=	minimum detectable activity
QC Code	=	quality control code
R	=	rinsate
VPG	=	prefix of sample number
#	=	all peaks for activity calculation had bad shape

(intentionally blank)

TABLE C-1
Status of Vertical Soil Profile Data as of
June 13, 1995

VPG Sample Numbers	Results Received?	Samples Need to be Rerun by Lab?
401	Yes	Yes
402	Yes	Yes
403	Yes	Yes
404	Yes	Yes
405	No	Yes
406	Yes	No
407	Yes	No
408	Yes	No
409	No	Yes
410	Yes	No
411	Yes	No
412	No	Yes
413	Yes	No
414	Yes	No
415	Yes	No
416 (R)	No	No
417	Yes	No
418 (R)	No	No
419	Yes	No
420	Yes	No
421	No	Yes
422 (R)	No	No
423	Yes	No
424	Yes	No
425	Yes	No
426	Yes	No
427	No	Yes
428	Yes	No
429	Yes	No
430	No	Yes
431	Yes	No
432	Yes	No
433 (R)	No	No
434	Yes	Yes
435	Yes	Yes
436	No	Yes
437	No	Yes
438	No	Yes
439	Yes	Yes
440	Yes	Yes
441	No	Yes
442	No	Yes
443	No	Yes
444	No	Yes

TABLE C-1
Status of Vertical Soil Profile Data as of June 13, 1995

VPG Sample Numbers	Results Received?	Samples Need to be Rerun by Lab?
445	Yes	No
446	Yes	No
447	No	Yes
448	Yes	No
449	No	Yes
450	Yes	No
451	Yes	No
452	Yes	No
453	Yes	No
454	Yes	Yes
455	Yes	No
456	Yes	No
457 (R)	No	No
458	No	Yes
459	Yes	No
460	Yes	No
461	No	Yes
462	Yes	No
463	Yes	No
464	No	Yes
465	Yes	No
466	Yes	No
467	Yes	No
468 (R)	No	No
469	Yes	No
470	Yes	No
471	No	Yes
472	Yes	Yes
473	No	Yes
474	Yes	Yes
475	Yes	No
476 (R)	No	No
477	No	Yes
478	Yes	No
479	No	Yes
480	Yes	No

Notes:
VPG = prefix of sample number
R = rinsate

TABLE C-2
Vertical Soil Profile Results for OU8
Rocky Flats Environmental Technology Site

Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	AC-228	1.7390		0.15	
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	AG-110M	<	0.0211		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	AM-241	<	0.4900		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	AM-243	<	15.0000		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	BA-133	<	0.0226		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	BA-140	<	0.0805		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	BE-7	<	0.1640		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	BI-207	<	0.0184		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	BI-214	0.7612		0.05	
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	CD-109	2.1550		1.95	
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	CE-139	<	0.0177		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	CE-144	<	0.2640		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	CO-57	<	0.0343		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	CO-60	<	0.0129		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	CR-51	<	0.1740		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	CS-134	<	0.0346		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	CS-136	<	0.0178		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	CS-137	<	0.0188		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	EU-152	<	0.0519		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	EU-154	<	0.0690		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	EU-155	0.1045		0.10	
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	FE-59	<	0.0347		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	HG-203	<	0.0133		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	K-40	29.8750		0.64	
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	MN-54	<	0.0195		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	MO-99	<	0.0247		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	NA-22	<	0.0159		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	NB-95	<	0.0204		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	ND-147	<	0.2200		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	NP-237	<	136.0000		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	NP-239	<	0.1120		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	PB-210	<	12.4000		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	PB-212	1.7986		0.07	
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	PB-214	0.9615		0.08	
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	PU-239	<	72900.0000		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	PU-242	<	19.1000		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	RA-224	1.8171		0.77	
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	RA-226	2.0212		0.68	
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	RH-101	<	0.0319		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	RH-102	<	0.0348		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	RH-102M	<	0.0438		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	RU-103	<	0.0117		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	SB-124	<	0.0355		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	SB-125	<	0.0312		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	SN-113	<	0.0251		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	SR-85	<	0.0151		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	TE-132	<	0.0142		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	TH-228	<	7.4600		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	TH-234	4.4648		1.72	
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	U-235	<	0.1670		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	U-237	<	0.1290		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	XE-133	<	17.1000		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	XE-133M	<	0.1620		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	Y-88	<	0.0124		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	ZN-65	<	0.0635		
	123.1	VP40694	0-2"	VPG0419JE	February 24, 1995	ZR-95	<	0.0261		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	AC-228	2.1035		0.17	
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	AG-110M	<	0.0207		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	AM-241	<	0.1140		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	AM-243	<	0.7300		

TABLE C-2
Vertical Soil Profile Results for OU8
Rocky Flats Environmental Technology Site

Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	BA-133	<	0.0273		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	BA-140	<	0.0893		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	BE-7	<	0.1670		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	BI-207	<	0.0178		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	BI-214	0.9858		0.06	
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	CD-109	2.1564		1.09	
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	CE-139	<	0.0213		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	CE-144	<	0.2460		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	CO-57	<	0.0305		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	CO-60	<	0.0134		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	CR-51	<	0.1350		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	CS-134	<	0.0400		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	CS-136	<	0.0179		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	CS-137	<	0.0224		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	EU-152	<	0.0576		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	EU-154	<	0.0620		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	EU-155	0.1306		0.08	
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	FE-59	<	0.0353		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	HG-203	<	0.0215		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	K-40	24.6210		0.70	
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	MN-54	<	0.0191		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	MO-99	<	0.0243		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	NA-22	<	0.0216		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	NB-95	<	0.0251		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	ND-147	0.2444		0.13	
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	NP-237	<	0.8070		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	NP-239	<	0.0816		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	PB-210	1.2264		0.81	
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	PB-212	2.2301		0.07	
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	PB-214	1.0500		0.07	
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	PU-239	<	65400.0000		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	PU-242	<	1.0900		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	RA-224	2.5203		0.84	
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	RA-226	1.7403		0.98	
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	RH-101	0.0339		0.02	
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	RH-102	<	0.0434		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	RH-102M	<	0.0412		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	RU-103	<	0.0190		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	SB-124	<	0.0412		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	SB-125	0.1146		0.09	
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	SN-113	<	0.0180		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	SR-85	<	0.0167		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	TE-132	<	0.0192		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	TH-228	7.1927		3.83	
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	TH-234	2.1276		0.66	
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	U-235	<	0.1720		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	U-237	<	0.0902		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	XE-133	<	0.2690		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	XE-133M	<	0.1340		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	Y-88	<	0.0125		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	ZN-65	<	0.0708		
	123.1	VP40694	2-4"	VPG0420JE	February 22, 1995	ZR-95	<	0.0434		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	AC-228	1.3154		0.14	
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	AG-110M	<	0.0260		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	AM-241	<	0.1000		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	AM-243	<	0.6840		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	BA-133	<	0.0225		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	BA-140	<	0.0771		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	BE-7	<	0.1470		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	BI-207	<	0.0194		

TABLE C-2
Vertical Soil Profile Results for OU8
Rocky Flats Environmental Technology Site

Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	BI-214	0.6342		0.05	
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	CD-109	<	1.0100		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	CE-139	<	0.0172		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	CE-144	<	0.2440		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	CO-57	<	0.0405		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	CO-60	<	0.0152		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	CR-51	<	0.1450		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	CS-134	<	0.0346		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	CS-136	<	0.0171		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	CS-137	<	0.0250		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	EU-152	<	0.0563		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	EU-154	<	0.0846		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	EU-155	0.0840		0.07	
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	FE-59	<	0.0404		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	HG-203	<	0.0189		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	K-40	34.0830		0.76	
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	MN-54	<	0.0183		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	MO-99	<	0.0217		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	NA-22	<	0.0237		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	NB-95	<	0.0229		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	ND-147	<	0.1210		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	NP-237	<	0.8040		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	NP-239	<	0.0727		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	PB-210	0.7958		0.77	
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	PB-212	1.4253		0.06	
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	PB-214	0.7163		0.07	
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	PU-239	<	93800.0000		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	PU-242	<	1.0200		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	RA-224	1.5402		0.69	
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	RA-226	2.3178		0.74	
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	RH-101	<	0.0464		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	RH-102	<	0.0399		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	RH-102M	<	0.0376		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	RU-103	<	0.0158		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	SB-124	<	0.0085		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	SB-125	<	0.0417		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	SN-113	<	0.0164		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	SR-85	<	0.0154		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	TE-132	<	0.0165		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	TH-228	4.2502		3.50	
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	TH-234	1.8618		0.63	
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	U-235	0.1848		0.15	
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	U-237	<	0.0817		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	XE-133	<	0.1680		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	XE-133M	<	0.1350		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	Y-88	0.0269		0.02	
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	ZN-65	<	0.0654		
	123.1	VP40794	0-2"	VPG0423JE	February 27, 1995	ZR-95	<	0.0284		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	AC-228	0.9785		0.09	
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	AG-110M	<	0.0171		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	AM-241	<	0.4090		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	AM-243	<	5.5100		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	BA-133	<	0.0187		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	BA-140	<	0.0605		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	BE-7	<	0.1260		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	BI-207	0.0406		0.03	#
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	BI-214	0.5267		0.04	
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	CD-109	<	1.5400		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	CE-139	<	0.0167		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	CE-144	<	0.2250		

TABLE C-2
Vertical Soil Profile Results for OU8
Rocky Flats Environmental Technology Site

Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	CO-57	<	0.0284		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	CO-60	<	0.0121		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	CR-51	<	0.0867		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	CS-134	<	0.0262		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	CS-136	<	0.0096		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	CS-137	0.0153		0.01	
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	EU-152	<	0.0483		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	EU-154	<	0.0569		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	EU-155	<	0.0814		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	FE-59	<	0.0338		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	HG-203	<	0.0178		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	K-40	32.4240		0.61	
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	MN-54	<	0.0144		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	MO-99	<	0.0207		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	NA-22	<	0.0153		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	NB-95	<	0.0132		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	ND-147	<	0.1720		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	NP-237	<	110.0000		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	NP-239	<	0.0847		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	PB-210	<	9.5000		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	PB-212	1.0344		0.05	
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	PB-214	0.5985		0.05	
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	PU-239	<	61800.0000		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	PU-242	<	14.1000		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	RA-224	0.7761		0.57	
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	RA-226	0.9303		0.65	
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	RH-101	<	0.0267		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	RH-102	<	0.0323		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	RH-102M	<	0.0324		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	RU-103	<	0.0098		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	SB-124	<	0.0273		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	SB-125	<	0.0297		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	SN-113	<	0.0109		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	SR-85	<	0.0113		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	TE-132	<	0.0079		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	TH-228	<	5.8900		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	TH-234	<	2.4700		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	U-235	<	0.1420		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	U-237	<	0.0998		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	XE-133	<	27.4000		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	XE-133M	<	0.0786		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	Y-88	<	0.0111		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	ZN-65	<	0.0532		
	123.1	VP40794	2-4"	VPG0424JE	February 22, 1995	ZR-95	<	0.0289		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	AC-228	1.6727		0.12	
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	AG-110M	<	0.0231		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	AM-241	<	0.1110		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	AM-243	<	0.7050		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	BA-133	<	0.0259		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	BA-140	<	0.1020		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	BE-7	<	0.1750		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	BI-207	<	0.0208		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	BI-214	0.7750		0.06	
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	CD-109	<	1.0900		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	CE-139	<	0.0208		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	CE-144	<	0.2610		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	CO-57	<	0.0434		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	CO-60	<	0.0130		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	CR-51	<	0.1200		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	CS-134	<	0.0370		

TABLE C-2
Vertical Soil Profile Results for OU8
Rocky Flats Environmental Technology Site

Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	CS-136	<	0.0193		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	CS-137	<	0.0216		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	EU-152	<	0.0610		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	EU-154	<	0.0907		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	EU-155	0.0993		0.07	
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	FE-59	<	0.0409		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	HG-203	<	0.0126		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	K-40	31.6630		0.73	
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	MN-54	<	0.0186		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	MO-99	<	0.0232		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	NA-22	<	0.0141		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	NB-95	<	0.0228		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	ND-147	<	0.1300		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	NP-237	<	0.3700		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	NP-239	<	0.0778		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	PB-210	0.9114		0.73	
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	PB-212	1.8109		0.07	
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	PB-214	0.8021		0.07	
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	PU-239	<	108000.0000		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	PU-242	<	1.0100		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	RA-224	2.5592		0.70	
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	RA-226	2.4939		0.76	#
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	RH-101	<	0.0497		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	RH-102	<	0.0361		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	RH-102M	<	0.0481		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	RU-103	<	0.0121		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	SB-124	<	0.0383		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	SB-125	<	0.0494		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	SN-113	<	0.0206		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	SR-85	<	0.0163		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	TE-132	<	0.0203		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	TH-228	<	3.8000		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	TH-234	1.2646		0.72	
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	U-235	<	0.1610		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	U-237	<	0.0877		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	XE-133	<	0.3280		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	XE-133M	<	0.1240		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	Y-88	<	0.0101		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	ZN-65	<	0.0719		
	123.1	VP40794	4-6"	VPG0425JE	February 28, 1995	ZR-95	<	0.0356		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	AC-228	2.1294		0.16	
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	AG-110M	<	0.0219		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	AM-241	<	0.6090		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	AM-243	<	10.7000		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	BA-133	<	0.0283		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	BA-140	<	0.0879		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	BE-7	<	0.1780		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	BI-207	<	0.0203		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	BI-214	1.0748		0.06	
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	CD-109	2.6326		2.26	
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	CE-139	<	0.0243		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	CE-144	<	0.3190		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	CO-57	<	0.0378		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	CO-60	<	0.0161		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	CR-51	<	0.1300		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	CS-134	<	0.0399		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	CS-136	0.0466		0.03	
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	CS-137	<	0.0200		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	EU-152	<	0.0691		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	EU-154	<	0.0793		

TABLE C-2
Vertical Soil Profile Results for OU8
Rocky Flats Environmental Technology Site

Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	EU-155	0.1369		0.12	
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	FE-59	<	0.0369		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	HG-203	<	0.0253		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	K-40	33.5990		0.70	
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	MN-54	<	0.0198		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	MO-99	<	0.0295		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	NA-22	<	0.0160		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	NB-95	<	0.0182		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	ND-147	0.3047		0.25	
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	NP-237	<	164.0000		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	NP-239	<	0.1300		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	PB-210	<	12.1000		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	PB-212	2.3379		0.08	
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	PB-214	1.2726		0.07	
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	PU-239	<	113000.0000		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	PU-242	<	19.2000		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	RA-224	3.0861		0.93	
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	RA-226	3.7448		1.44	#
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	RH-101	<	0.0386		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	RH-102	<	0.0218		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	RH-102M	<	0.0167		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	RU-103	<	0.0094		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	SB-124	<	0.0413		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	SB-125	<	0.0591		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	SN-113	<	0.0136		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	SR-85	<	0.0160		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	TE-132	<	0.0200		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	TH-228	<	8.6000		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	TH-234	<	3.8200		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	U-235	<	0.2040		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	U-237	<	0.1500		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	XE-133	<	41.5000		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	XE-133M	<	0.1500		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	Y-88	<	0.0156		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	ZN-65	<	0.0674		
	123.1	VP40894	2-4"	VPG0428JE	February 21, 1995	ZR-95	<	0.0413		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	AC-228	2.1157		0.19	
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	AG-110M	<	0.0319		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	AM-241	<	0.2240		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	AM-243	<	18.2000		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	BA-133	<	0.0369		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	BA-140	<	0.1100		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	BE-7	<	0.1870		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	BI-207	<	0.0219		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	BI-214	1.0492		0.08	
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	CD-109	<	1.5500		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	CE-139	<	0.0208		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	CE-144	<	0.1730		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	CO-57	<	0.0232		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	CO-60	0.0757		0.06	#
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	CR-51	<	0.2050		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	CS-134	<	0.0515		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	CS-136	<	0.0189		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	CS-137	<	0.0279		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	EU-152	<	0.0707		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	EU-154	<	0.0472		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	EU-155	0.1298		0.09	
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	FE-59	<	0.0635		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	HG-203	<	0.0174		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	K-40	25.6450		0.95	

TABLE C-2
Vertical Soil Profile Results for OU8
Rocky Flats Environmental Technology Site

Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	MN-54	<	0.0289		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	MO-99	<	0.0214		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	NA-22	<	0.0282		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	NB-95	<	0.0277		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	ND-147	<	0.1620		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	NP-237	<	238.0000		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	NP-239	<	0.1030		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	PB-210	<	14.0000		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	PB-212	2.1732		0.09	
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	PB-214	1.0238		0.09	
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	PU-239	<	140000.0000		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	PU-242	<	22.4000		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	RA-224	3.0076		0.76	
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	RA-226	3.3425		0.85	#
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	RH-101	<	0.0329		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	RH-102	<	0.0388		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	RH-102M	<	0.0467		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	RU-103	<	0.0225		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	SB-124	<	0.0528		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	SB-125	<	0.0611		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	SN-113	<	0.0240		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	SR-85	<	0.0167		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	TE-132	<	0.0177		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	TH-228	<	6.1500		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	TH-234	<	2.1900		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	U-235	<	0.1590		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	U-237	<	0.1060		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	XE-133	<	57.0000		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	XE-133M	<	0.1310		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	Y-88	<	0.0174		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	ZN-65	<	0.0946		
	123.1	VP40894	4-6"	VPG0429JE	February 28, 1995	ZR-95	<	0.0525		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	AC-228	1.5308		0.11	
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	AG-110M	<	0.0182		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	AM-241	<	0.2790		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	AM-243	<	16.2000		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	BA-133	<	0.0225		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	BA-140	<	0.0816		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	BE-7	<	0.1550		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	BI-207	0.0214		0.02	#
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	BI-214	0.7952		0.05	
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	CD-109	<	1.4500		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	CE-139	<	0.0164		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	CE-144	<	0.1030		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	CO-57	<	0.0103		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	CO-60	<	0.0175		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	CR-51	<	0.1190		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	CS-134	<	0.0331		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	CS-136	<	0.0145		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	CS-137	0.0193		0.02	
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	EU-152	<	0.0548		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	EU-154	<	0.0329		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	EU-155	<	0.0798		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	FE-59	<	0.0315		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	HG-203	<	0.0114		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	K-40	24.6390		0.59	
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	MN-54	0.0337		0.02	
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	MO-99	<	0.0223		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	NA-22	<	0.0198		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	NB-95	<	0.0190		

TABLE C-2
Vertical Soil Profile Results for OU8
Rocky Flats Environmental Technology Site

Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	ND-147	<	0.1550		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	NP-237	<	245.0000		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	NP-239	<	0.0842		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	PB-210	<	12.0000		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	PB-212	1.5668		0.06	
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	PB-214	0.8450		0.06	
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	PU-239	<	82800.0000		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	PU-242	<	19.6000		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	RA-224	2.4609		0.54	
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	RA-226	2.2808		0.89	#
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	RH-101	<	0.0246		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	RH-102	<	0.0319		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	RH-102M	<	0.0412		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	RU-103	<	0.0106		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	SB-124	<	0.0345		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	SB-125	<	0.0469		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	SN-113	<	0.0133		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	SR-85	<	0.0114		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	TE-132	<	0.0173		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	TH-228	<	5.7400		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	TH-234	<	2.0800		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	U-235	<	0.1530		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	U-237	<	0.0870		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	XE-133	<	33.4000		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	XE-133M	<	0.1190		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	Y-88	<	0.0067		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	ZN-65	<	0.0569		
	123.1	VP40994	2-4"	VPG0431JE	February 28, 1995	ZR-95	<	0.0339		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	AC-228	1.6451		0.15	
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	AG-110M	<	0.0260		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	AM-241	<	0.1270		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	AM-243	<	0.9540		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	BA-133	<	0.0357		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	BA-140	<	0.0942		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	BE-7	<	0.1820		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	BI-207	<	0.0278		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	BI-214	0.8548		0.07	
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	CD-109	<	1.2900		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	CE-139	<	0.0252		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	CE-144	<	0.3140		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	CO-57	<	0.0515		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	CO-60	<	0.0224		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	CR-51	<	0.1840		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	CS-134	<	0.0475		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	CS-136	<	0.0174		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	CS-137	<	0.0266		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	EU-152	<	0.0706		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	EU-154	<	0.1080		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	EU-155	<	0.0869		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	FE-59	<	0.0379		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	HG-203	<	0.0290		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	K-40	17.7550		0.73	
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	MN-54	<	0.0246		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	MO-99	<	0.0285		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	NA-22	<	0.0197		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	NB-95	<	0.0278		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	ND-147	<	0.1530		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	NP-237	<	1.0600		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	NP-239	<	0.0900		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	PB-210	1.0309		1.00	

TABLE C-2
Vertical Soil Profile Results for OU8
Rocky Flats Environmental Technology Site

Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	PB-212	1.7630		0.08	
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	PB-214	0.9796		0.09	
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	PU-239	<	126000.0000		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	PU-242	<	0.7650		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	RA-224	2.4228		0.80	
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	RA-226	2.6020		0.82	
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	RH-101	<	0.0592		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	RH-102	<	0.0409		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	RH-102M	<	0.0377		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	RU-103	<	0.0246		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	SB-124	<	0.0492		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	SB-125	<	0.0551		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	SN-113	<	0.0342		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	SR-85	<	0.0108		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	TE-132	<	0.0169		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	TH-228	5.2701		4.46	
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	TH-234	1.4600		0.77	
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	U-235	<	0.2010		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	U-237	<	0.1020		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	XE-133	<	0.3540		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	XE-133M	<	0.1910		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	Y-88	<	0.0225		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	ZN-65	<	0.0840		
	123.1	VP40994	4-6"	VPG0432JE	February 28, 1995	ZR-95	<	0.0331		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	AC-228	1.6496		0.15	
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	AG-110M	<	0.0291		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	AM-241	2.5776		0.14	
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	AM-243	<	0.9490		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	BA-133	<	0.0303		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	BA-140	<	0.1160		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	BE-7	<	0.1910		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	BI-207	<	0.0255		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	BI-214	0.8565		0.07	
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	CD-109	<	1.1800		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	CE-139	<	0.0269		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	CE-144	<	0.2980		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	CO-57	<	0.0483		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	CO-60	<	0.0226		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	CR-51	<	0.3050		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	CS-134	<	0.0454		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	CS-136	<	0.0132		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	CS-137	0.0485		0.02	
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	EU-152	<	0.0748		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	EU-154	<	0.1000		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	EU-155	0.0975		0.08	
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	FE-59	<	0.0577		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	HG-203	<	0.0201		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	K-40	19.2330		0.73	
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	MN-54	<	0.0194		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	MO-99	<	0.0278		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	NA-22	<	0.0101		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	NB-95	<	0.0263		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	ND-147	<	0.1410		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	NP-237	<	0.6950		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	NP-239	<	0.0858		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	PB-210	1.0739		1.01	
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	PB-212	1.9222		0.08	
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	PB-214	0.8735		0.07	
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	PU-239	<	113000.0000		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	PU-242	<	1.3500		

TABLE C-2
Vertical Soil Profile Results for OU8
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Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	RA-224	2.0505		0.86	
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	RA-226	2.8670		0.99	
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	RH-101	<	0.0554		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	RH-102	<	0.0465		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	RH-102M	<	0.0456		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	RU-103	<	0.0094		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	SB-124	<	0.0470		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	SB-125	<	0.0616		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	SN-113	<	0.0250		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	SR-85	<	0.0200		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	TE-132	<	0.0100		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	TH-228	4.6231		4.10	
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	TH-234	<	0.9110		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	U-235	<	0.2030		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	U-237	<	0.0953		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	XE-133	<	0.3400		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	XE-133M	<	0.1340		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	Y-88	<	0.0118		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	ZN-65	<	0.0783		
	138	VP41194	2-4"	VPG0439JE	March 15, 1995	ZR-95	<	0.0315		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	AC-228	2.0430		0.19	
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	AG-110M	<	0.0209		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	AM-241	2.5221		0.46	
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	AM-243	<	15.5000		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	BA-133	<	0.0346		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	BA-140	<	0.1160		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	BE-7	<	0.2220		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	BI-207	<	0.0266		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	BI-214	0.8321		0.09	
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	CD-109	<	1.7200		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	CE-139	<	0.0260		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	CE-144	<	0.0920		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	CO-57	<	0.0208		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	CO-60	<	0.0319		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	CR-51	<	0.1470		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	CS-134	<	0.0582		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	CS-136	<	0.0350		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	CS-137	0.1705		0.04	
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	EU-152	<	0.0870		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	EU-154	<	0.0438		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	EU-155	<	0.1040		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	FE-59	<	0.0806		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	HG-203	<	0.0175		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	K-40	25.5660		1.10	
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	MN-54	<	0.0304		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	MO-99	<	0.0126		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	NA-22	<	0.0177		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	NB-95	<	0.0295		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	ND-147	<	0.1750		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	NP-237	<	311.0000		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	NP-239	<	0.1130		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	PB-210	<	18.8000		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	PB-212	2.5061		0.10	
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	PB-214	0.9048		0.10	
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	PU-239	<	142000.0000		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	PU-242	<	30.0000		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	RA-224	2.0474		0.94	
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	RA-226	4.5170		1.37	#
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	RH-101	<	0.0353		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	RH-102	<	0.0480		

TABLE C-2
Vertical Soil Profile Results for OU8
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Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	RH-102M	<	0.0573		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	RU-103	<	0.0249		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	SB-124	<	0.0601		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	SB-125	<	0.0630		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	SN-113	<	0.0287		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	SR-85	<	0.0250		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	TE-132	<	0.0254		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	TH-228	6.9764		6.80	
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	TH-234	<	2.6600		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	U-235	<	0.1930		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	U-237	<	0.1170		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	XE-133	<	71.8000		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	XE-133M	<	0.1940		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	Y-88	<	0.0194		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	ZN-65	<	0.1140		
	138	VP41194	4-6"	VPG0440JE	March 15, 1995	ZR-95	<	0.0521		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	AC-228	1.4455		0.17	
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	AG-110M	<	0.0223		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	AM-241	<	0.1130		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	AM-243	<	0.7950		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	BA-133	<	0.0286		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	BA-140	<	0.0809		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	BE-7	<	0.1630		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	BI-207	<	0.0251		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	BI-214	0.6970		0.06	
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	CD-109	<	1.1000		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	CE-139	<	0.0217		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	CE-144	<	0.2560		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	CO-57	<	0.0432		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	CO-60	<	0.0177		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	CR-51	<	0.1700		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	CS-134	<	0.0381		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	CS-136	<	0.0192		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	CS-137	<	0.0229		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	EU-152	<	0.0680		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	EU-154	<	0.0900		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	EU-155	0.0937		0.07	
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	FE-59	<	0.0491		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	HG-203	<	0.0227		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	K-40	20.8530		0.71	
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	MN-54	<	0.0215		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	MO-99	<	0.0223		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	NA-22	<	0.0223		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	NB-95	<	0.0240		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	ND-147	<	0.1310		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	NP-237	<	0.9670		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	NP-239	<	0.0787		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	PB-210	0.9484		0.82	
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	PB-212	1.5618		0.07	
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	PB-214	0.7362		0.07	
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	PU-239	<	101000.0000		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	PU-242	<	1.1100		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	RA-224	1.8587		0.75	
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	RA-226	2.4739		0.91	#
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	RH-101	<	0.0491		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	RH-102	<	0.0443		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	RH-102M	<	0.0441		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	RU-103	<	0.0179		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	SB-124	<	0.0398		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	SB-125	<	0.0485		

TABLE C-2
Vertical Soil Profile Results for OU8
Rocky Flats Environmental Technology Site

Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	SN-113	<	0.0324		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	SR-85	<	0.0140		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	TE-132	<	0.0184		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	TH-228	4.2602		3.81	
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	TH-234	2.0275		0.72	
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	U-235	<	0.1520		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	U-237	<	0.0880		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	XE-133	<	0.3270		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	XE-133M	<	0.1620		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	Y-88	<	0.0061		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	ZN-65	<	0.0688		
	150.2	VP40394	0-2"	VPG0407JE	February 24, 1995	ZR-95	<	0.0345		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	AC-228	1.6388		0.22	
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	AG-110M	<	0.0371		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	AM-241	<	0.3910		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	AM-243	<	17.8000		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	BA-133	<	0.0351		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	BA-140	<	0.0561		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	BE-7	0.1949		0.18	
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	BI-207	<	0.0248		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	BI-214	0.7198		0.08	
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	CD-109	2.4508		1.57	
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	CE-139	<	0.0220		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	CE-144	<	0.1620		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	CO-57	<	0.0183		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	CO-60	<	0.0218		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	CR-51	<	0.2170		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	CS-134	<	0.0492		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	CS-136	<	0.0110		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	CS-137	0.0521		0.03	
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	EU-152	<	0.0815		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	EU-154	<	0.0405		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	EU-155	0.1154		0.11	
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	FE-59	<	0.0661		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	HG-203	<	0.0286		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	K-40	21.0400		0.99	
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	MN-54	<	0.0158		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	MO-99	<	0.0249		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	NA-22	<	0.0367		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	NB-95	<	0.0303		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	ND-147	<	0.1670		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	NP-237	<	198.0000		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	NP-239	<	0.1190		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	PB-210	<	14.4000		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	PB-212	1.5745		0.08	
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	PB-214	0.7807		0.09	
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	PU-239	<	124000.0000		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	PU-242	<	22.9000		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	RA-224	1.1293		0.90	
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	RA-226	3.6497		0.99	#
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	RH-101	<	0.0317		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	RH-102	<	0.0500		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	RH-102M	0.0502		0.05	
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	RU-103	<	0.0144		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	SB-124	<	0.0511		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	SB-125	<	0.0806		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	SN-113	<	0.0266		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	SR-85	<	0.0205		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	TE-132	<	0.0107		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	TH-228	<	6.3400		

TABLE C-2
Vertical Soil Profile Results for OU8
Rocky Flats Environmental Technology Site

Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	TH-234	3.7632		1.33	
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	U-235	<	0.1690		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	U-237	<	0.1360		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	XE-133	<	47.1000		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	XE-133M	<	0.1750		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	Y-88	<	0.0089		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	ZN-65	<	0.0947		
	150.2	VP40394	2-4"	VPG0408JE	February 24, 1995	ZR-95	<	0.0524		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	AC-228	1.4204		0.23	
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	AG-110M	<	0.0420		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	AM-241	<	0.1510		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	AM-243	<	1.0400		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	BA-133	<	0.0362		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	BA-140	<	0.1360		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	BE-7	<	0.2510		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	BI-207	<	0.0293		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	BI-214	0.7239		0.09	
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	CD-109	<	1.4800		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	CE-139	<	0.0282		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	CE-144	<	0.3320		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	CO-57	<	0.0560		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	CO-60	<	0.0275		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	CR-51	<	0.1690		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	CS-134	<	0.0534		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	CS-136	<	0.0185		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	CS-137	0.0787		0.04	
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	EU-152	<	0.0820		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	EU-154	<	0.1170		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	EU-155	<	0.1120		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	FE-59	<	0.0358		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	HG-203	<	0.0240		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	K-40	17.5400		0.86	
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	MN-54	<	0.0323		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	MO-99	<	0.0295		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	NA-22	<	0.0362		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	NB-95	<	0.0326		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	ND-147	<	0.1770		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	NP-237	<	0.5910		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	NP-239	<	0.1130		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	PB-210	2.7940		1.13	
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	PB-212	1.4779		0.10	
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	PB-214	0.7010		0.10	
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	PU-239	<	71500.0000		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	PU-242	<	1.5500		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	RA-224	3.3941		0.86	
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	RA-226	2.4001		1.04	#
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	RH-101	<	0.0639		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	RH-102	<	0.0573		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	RH-102M	<	0.0645		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	RU-103	<	0.0185		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	SB-124	<	0.0552		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	SB-125	<	0.0464		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	SN-113	<	0.0281		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	SR-85	<	0.0199		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	TE-132	<	0.0288		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	TH-228	<	5.1500		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	TH-234	2.7462		0.94	
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	U-235	<	0.1990		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	U-237	<	0.1230		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	XE-133	<	0.4000		

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Vertical Soil Profile Results for OU8
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Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	XE-133M	<	0.1320		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	Y-88	<	0.0166		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	ZN-65	<	0.0948		
	150.2	VP40494	0-2"	VPG0410JE	March 1, 1995	ZR-95	<	0.0324		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	AC-228	1.3917		0.20	
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	AG-110M	<	0.0376		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	AM-241	<	0.1970		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	AM-243	<	17.4000		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	BA-133	<	0.0366		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	BA-140	<	0.1040		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	BE-7	<	0.2100		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	BI-207	<	0.0232		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	BI-214	0.6193		0.08	
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	CD-109	<	1.5100		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	CE-139	<	0.0206		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	CE-144	<	0.1750		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	CO-57	<	0.0199		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	CO-60	<	0.0192		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	CR-51	<	0.1440		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	CS-134	<	0.0511		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	CS-136	<	0.0196		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	CS-137	0.1241		0.03	
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	EU-152	<	0.0761		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	EU-154	<	0.0419		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	EU-155	0.1058		0.09	
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	FE-59	<	0.0553		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	HG-203	<	0.0186		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	K-40	16.3160		0.96	
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	MN-54	<	0.0282		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	MO-99	<	0.0234		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	NA-22	<	0.0286		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	NB-95	<	0.0316		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	ND-147	<	0.1570		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	NP-237	<	230.0000		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	NP-239	<	0.1020		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	PB-210	<	13.0000		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	PB-212	1.5896		0.09	
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	PB-214	0.5492		0.10	
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	PU-239	281400.0000			#
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	PU-242	<	21.1000		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	RA-224	3.1985		0.65	
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	RA-226	3.5658		0.91	#
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	RH-101	<	0.0335		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	RH-102	<	0.0394		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	RH-102M	<	0.0577		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	RU-103	<	0.0246		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	SB-124	<	0.0532		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	SB-125	<	0.0588		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	SN-113	<	0.0262		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	SR-85	<	0.0158		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	TE-132	<	0.0212		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	TH-228	<	5.9800		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	TH-234	<	2.7300		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	U-235	<	0.1740		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	U-237	<	0.1080		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	XE-133	<	54.5000		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	XE-133M	<	0.2200		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	Y-88	<	0.0184		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	ZN-65	<	0.0946		
	150.2	VP40494	2-4"	VPG0411JE	March 1, 1995	ZR-95	<	0.0218		

TABLE C-2
Vertical Soil Profile Results for OU8
Rocky Flats Environmental Technology Site

Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	AC-228	1.3046		0.11	
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	AG-110M	<	0.0197		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	AM-241	<	0.2830		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	AM-243	<	16.6000		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	BA-133	<	0.0353		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	BA-140	<	0.0716		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	BE-7	<	0.1360		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	BI-207	<	0.0177		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	BI-214	0.4825		0.05	
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	CD-109	1.6608		1.25	
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	CE-139	<	0.0190		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	CE-144	<	0.1480		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	CO-57	<	0.0140		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	CO-60	<	0.0167		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	CR-51	<	0.1390		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	CS-134	<	0.0306		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	CS-136	<	0.0158		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	CS-137	0.0527		0.02	
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	EU-152	<	0.0487		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	EU-154	<	0.0349		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	EU-155	0.1026		0.08	
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	FE-59	<	0.0278		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	HG-203	<	0.0091		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	K-40	<	0.5320		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	MN-54	<	0.0132		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	MO-99	<	0.0203		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	NA-22	<	0.0152		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	NB-95	<	0.0184		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	ND-147	0.1820		0.13	
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	NP-237	<	109.0000		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	NP-239	<	0.0886		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	PB-210	<	13.3000		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	PB-212	<	0.0681		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	PB-214	<	0.0506		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	PU-239	<	62300.0000		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	PU-242	<	21.2000		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	RA-224	<	0.8010		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	RA-226	1.6636		0.72	#
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	RH-101	<	0.0247		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	RH-102	<	0.0339		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	RH-102M	<	0.0373		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	RU-103	<	0.0116		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	SB-124	<	0.0319		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	SB-125	<	0.0460		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	SN-113	<	0.0092		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	SR-85	<	0.0129		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	TE-132	<	0.0166		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	TH-228	<	5.1400		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	TH-234	<	1.9800		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	U-235	<	0.1350		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	U-237	<	0.1030		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	XE-133	<	53.2000		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	XE-133M	<	0.1220		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	Y-88	<	0.0121		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	ZN-65	<	0.0541		
	150.2	VP40594	0-2"	VPG0413JE	March 1, 1995	ZR-95	<	0.0187		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	AC-228	1.5126		0.16	
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	AG-110M	<	0.0299		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	AM-241	<	0.1050		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	AM-243	<	0.6980		

TABLE C-2
Vertical Soil Profile Results for OU8
Rocky Flats Environmental Technology Site

Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	BA-133	<	0.0283		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	BA-140	<	0.0787		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	BE-7	<	0.1910		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	BI-207	<	0.0223		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	BI-214	0.8668		0.06	
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	CD-109	<	1.0200		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	CE-139	<	0.0226		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	CE-144	<	0.2620		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	CO-57	<	0.0422		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	CO-60	0.0743		0.05	#
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	CR-51	<	0.2610		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	CS-134	<	0.0399		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	CS-136	0.0304		0.03	
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	CS-137	0.0649		0.03	
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	EU-152	<	0.0606		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	EU-154	<	0.0876		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	EU-155	<	0.0723		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	FE-59	<	0.0479		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	HG-203	<	0.0244		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	K-40	16.1020		0.60	
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	MN-54	<	0.0219		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	MO-99	<	0.0247		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	NA-22	<	0.0215		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	NB-95	<	0.0283		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	ND-147	<	0.1220		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	NP-237	<	0.6400		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	NP-239	<	0.0767		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	PB-210	1.7070		0.80	
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	PB-212	1.8028		0.07	
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	PB-214	0.9474		0.07	
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	PU-239	<	96300.0000		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	PU-242	<	1.0400		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	RA-224	1.3702		0.79	
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	RA-226	1.7383		0.54	
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	RH-101	<	0.0485		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	RH-102	<	0.0263		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	RH-102M	<	0.0339		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	RU-103	<	0.0183		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	SB-124	<	0.0415		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	SB-125	<	0.0615		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	SN-113	<	0.0262		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	SR-85	<	0.0145		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	TE-132	<	0.0466		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	TH-228	<	3.5300		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	TH-234	1.2945		0.76	
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	U-235	<	0.1790		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	U-237	<	0.0846		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	XE-133	<	0.2850		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	XE-133M	<	0.3770		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	Y-88	<	0.0136		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	ZN-65	<	0.0688		
	150.2	VP40594	2-4"	VPG0414JE	March 6, 1995	ZR-95	<	0.0310		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	AC-228	1.6936		0.15	
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	AG-110M	<	0.0335		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	AM-241	<	0.2700		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	AM-243	<	17.3000		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	BA-133	<	0.0288		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	BA-140	<	0.1050		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	BE-7	<	0.1820		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	BI-207	<	0.0256		

TABLE C-2
Vertical Soil Profile Results for OU8
Rocky Flats Environmental Technology Site

Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	BI-214	0.8638		0.07	
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	CD-109	<	1.4500		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	CE-139	<	0.0215		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	CE-144	<	0.0770		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	CO-57	<	0.0133		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	CO-60	0.0349		0.03	#
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	CR-51	<	0.1530		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	CS-134	<	0.0483		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	CS-136	<	0.0164		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	CS-137	0.0797		0.03	
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	EU-152	<	0.0645		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	EU-154	<	0.0401		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	EU-155	0.1090		0.10	
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	FE-59	0.0607		0.05	
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	HG-203	<	0.0247		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	K-40	19.8100		0.87	
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	MN-54	<	0.0260		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	MO-99	<	0.0248		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	NA-22	<	0.0098		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	NB-95	<	0.0305		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	ND-147	<	0.1520		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	NP-237	<	221.0000		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	NP-239	<	0.1110		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	PB-210	<	13.3000		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	PB-212	1.9293		0.08	
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	PB-214	0.9383		0.08	
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	PU-239	<	140000.0000		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	PU-242	<	21.4000		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	RA-224	1.5594		0.84	
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	RA-226	3.0413		0.88	#
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	RH-101	<	0.0322		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	RH-102	<	0.0402		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	RH-102M	<	0.0500		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	RU-103	<	0.0211		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	SB-124	<	0.0496		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	SB-125	<	0.0681		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	SN-113	<	0.0148		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	SR-85	<	0.0210		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	TE-132	0.0208		0.02	
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	TH-228	<	5.8700		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	TH-234	3.6671		1.06	
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	U-235	<	0.1710		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	U-237	<	0.1270		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	XE-133	<	51.9000		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	XE-133M	<	0.0913		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	Y-88	<	0.0235		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	ZN-65	<	0.0915		
	150.2	VP40594	4-6"	VPG0415JE	March 6, 1995	ZR-95	<	0.0507		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	AC-228	1.6364		0.20	
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	AG-110M	<	0.0326		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	AM-241	<	0.3170		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	AM-243	<	9.9300		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	BA-133	<	0.0356		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	BA-140	<	0.1110		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	BE-7	<	0.2010		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	BI-207	<	0.0209		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	BI-214	0.8583		0.08	
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	CD-109	<	1.6000		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	CE-139	<	0.0206		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	CE-144	<	0.0881		

TABLE C-2
Vertical Soil Profile Results for OU8
Rocky Flats Environmental Technology Site

Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	CO-57	<	0.0130		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	CO-60	<	0.0349		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	CR-51	<	0.1010		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	CS-134	<	0.0523		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	CS-136	<	0.0230		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	CS-137	<	0.0302		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	EU-152	<	0.0836		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	EU-154	<	0.0572		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	EU-155	<	0.1010		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	FE-59	<	0.0289		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	HG-203	<	0.0266		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	K-40	26.5090		1.07	
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	MN-54	<	0.0318		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	MO-99	<	0.0240		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	NA-22	<	0.0240		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	NB-95	<	0.0328		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	ND-147	<	0.1690		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	NP-237	<	227.0000		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	NP-239	<	0.1130		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	PB-210	<	14.6000		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	PB-212	1.8442		0.09	
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	PB-214	0.9226		0.09	
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	PU-239	<	130000.0000		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	PU-242	<	23.5000		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	RA-224	1.5174		0.91	
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	RA-226	3.1130		0.81	
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	RH-101	<	0.0142		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	RH-102	<	0.0468		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	RH-102M	<	0.0466		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	RU-103	<	0.0193		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	SB-124	<	0.0545		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	SB-125	<	0.0688		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	SN-113	0.0548		0.05	#
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	SR-85	<	0.0230		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	TE-132	<	0.0148		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	TH-228	<	6.4600		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	TH-234	<	2.7100		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	U-235	<	0.1820		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	U-237	<	0.0776		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	XE-133	<	52.7000		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	XE-133M	<	0.2190		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	Y-88	<	0.0254		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	ZN-65	<	0.1050		
	150.2	VP41494	2-4"	VPG0448JE	March 7, 1995	ZR-95	<	0.0560		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	AC-228	1.4952		0.19	
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	AG-110M	<	0.0311		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	AM-241	<	0.3920		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	AM-243	<	17.0000		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	BA-133	<	0.0313		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	BA-140	<	0.1120		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	BE-7	<	0.2350		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	BI-207	<	0.0298		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	BI-214	0.6462		0.09	
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	CD-109	<	1.6000		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	CE-139	<	0.0240		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	CE-144	<	0.1320		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	CO-57	<	0.0116		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	CO-60	<	0.0151		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	CR-51	<	0.2070		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	CS-134	<	0.0566		

TABLE C-2
Vertical Soil Profile Results for OU8
Rocky Flats Environmental Technology Site

Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	CS-136	<	0.0242		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	CS-137	0.0300		0.03	
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	EU-152	<	0.0818		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	EU-154	<	0.0507		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	EU-155	<	0.0996		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	FE-59	<	0.0689		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	HG-203	<	0.0124		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	K-40	17.8710		0.98	
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	MN-54	<	0.0335		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	MO-99	<	0.0257		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	NA-22	<	0.0237		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	NB-95	<	0.0367		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	ND-147	<	0.1670		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	NP-237	<	240.0000		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	NP-239	<	0.1080		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	PB-210	<	12.1000		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	PB-212	<	0.0897		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	PB-214	0.5613		0.10	
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	PU-239	<	122000.0000		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	PU-242	<	20.5000		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	RA-224	<	1.3100		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	RA-226	<	0.7340		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	RH-101	<	0.0311		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	RH-102	<	0.0517		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	RH-102M	<	0.0675		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	RU-103	<	0.0290		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	SB-124	<	0.0591		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	SB-125	<	0.0432		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	SN-113	<	0.0338		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	SR-85	<	0.0236		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	TE-132	<	0.0225		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	TH-228	<	6.4200		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	TH-234	<	2.2400		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	U-235	<	0.1680		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	U-237	<	0.1130		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	XE-133	<	56.5000		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	XE-133M	<	0.1270		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	Y-88	<	0.0298		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	ZN-65	<	0.1090		
	150.3	VP41794	2-4"	VPG0459JE	March 1, 1995	ZR-95	<	0.0530		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	AC-228	1.4413		0.18	
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	AG-110M	<	0.0349		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	AM-241	<	0.3900		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	AM-243	<	17.0000		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	BA-133	<	0.0312		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	BA-140	<	0.1410		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	BE-7	<	0.2510		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	BI-207	<	0.0322		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	BI-214	0.7076		0.08	
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	CD-109	<	1.5100		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	CE-139	<	0.0266		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	CE-144	<	0.1440		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	CO-57	<	0.0128		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	CO-60	<	0.0152		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	CR-51	<	0.1230		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	CS-134	<	0.0541		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	CS-136	<	0.0119		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	CS-137	0.0588		0.03	
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	EU-152	<	0.0777		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	EU-154	<	0.0469		

TABLE C-2
Vertical Soil Profile Results for OU8
Rocky Flats Environmental Technology Site

Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	EU-155	<	0.0955		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	FE-59	<	0.0549		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	HG-203	<	0.0129		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	K-40	15.8110		0.94	
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	MN-54	<	0.0326		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	MO-99	<	0.0255		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	NA-22	<	0.0328		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	NB-95	<	0.0323		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	ND-147	<	0.1570		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	NP-237	<	240.0000		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	NP-239	<	0.1040		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	PB-210	<	14.1000		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	PB-212	1.6956		0.09	
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	PB-214	0.7652		0.09	
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	PU-239	<	128000.0000		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	PU-242	<	22.1000		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	RA-224	2.0169		0.77	
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	RA-226	3.4091		1.19	#
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	RH-101	<	0.0318		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	RH-102	<	0.0419		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	RH-102M	<	0.0626		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	RU-103	<	0.0303		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	SB-124	<	0.0560		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	SB-125	<	0.0355		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	SN-113	<	0.0422		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	SR-85	<	0.0225		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	TE-132	<	0.0259		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	TH-228	<	6.0500		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	TH-234	<	2.4500		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	U-235	<	0.1630		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	U-237	<	0.1100		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	XE-133	<	57.1000		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	XE-133M	<	0.2020		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	Y-88	<	0.0188		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	ZN-65	<	0.0972		
	150.3	VP41794	4-6"	VPG0460JE	March 2, 1995	ZR-95	<	0.0339		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	AC-228	1.9716		0.19	
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	AG-110M	<	0.0459		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	AM-241	<	0.4460		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	AM-243	<	20.3000		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	BA-133	<	0.0403		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	BA-140	<	0.1550		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	BE-7	<	0.2360		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	BI-207	<	0.0310		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	BI-214	0.8759		0.09	
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	CD-109	3.5801		1.84	
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	CE-139	<	0.0218		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	CE-144	<	0.2210		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	CO-57	<	0.0177		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	CO-60	<	0.0253		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	CR-51	<	0.2460		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	CS-134	<	0.0589		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	CS-136	<	0.0346		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	CS-137	0.2409		0.04	
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	EU-152	<	0.0927		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	EU-154	<	0.0481		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	EU-155	<	0.1140		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	FE-59	<	0.0642		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	HG-203	<	0.0355		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	K-40	20.1720		0.97	

TABLE C-2
Vertical Soil Profile Results for OU8
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Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	MN-54	<	0.0287		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	MO-99	<	0.0302		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	NA-22	<	0.0346		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	NB-95	<	0.0300		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	ND-147	0.3053		0.19	
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	NP-237	<	127.0000		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	NP-239	<	0.1260		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	PB-210	<	15.2000		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	PB-212	1.8334		0.10	
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	PB-214	1.0803		0.11	
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	PU-239	<	123000.0000		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	PU-242	<	24.7000		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	RA-224	2.0095		1.11	
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	RA-226	3.5692		1.16	#
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	RH-101	<	0.0382		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	RH-102	<	0.0615		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	RH-102M	<	0.0625		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	RU-103	<	0.0284		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	SB-124	<	0.0609		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	SB-125	<	0.0678		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	SN-113	<	0.0324		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	SR-85	<	0.0246		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	TE-132	<	0.0125		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	TH-228	<	7.6000		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	TH-234	<	3.0100		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	U-235	<	0.2030		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	U-237	<	0.1480		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	XE-133	<	56.3000		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	XE-133M	<	0.2010		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	Y-88	<	0.0340		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	ZN-65	<	0.1140		
	150.3	VP41894	2-4"	VPG0463JE	February 23, 1995	ZR-95	<	0.0480		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	AC-228	1.4926		0.19	
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	AG-110M	<	0.0311		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	AM-241	<	0.1360		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	AM-243	<	0.9110		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	BA-133	<	0.0351		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	BA-140	<	0.1390		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	BE-7	<	0.2350		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	BI-207	<	0.0266		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	BI-214	0.7957		0.09	
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	CD-109	2.6824		1.29	
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	CE-139	<	0.0220		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	CE-144	<	0.3010		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	CO-57	<	0.0372		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	CO-60	<	0.0239		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	CR-51	<	0.2270		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	CS-134	<	0.0521		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	CS-136	<	0.0174		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	CS-137	<	0.0283		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	EU-152	<	0.0732		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	EU-154	<	0.0755		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	EU-155	<	0.0870		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	FE-59	<	0.0640		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	HG-203	<	0.0307		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	K-40	16.4580		0.80	
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	MN-54	<	0.0260		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	MO-99	<	0.0294		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	NA-22	<	0.0314		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	NB-95	<	0.0330		

TABLE C-2
Vertical Soil Profile Results for OU8
Rocky Flats Environmental Technology Site

Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	ND-147	0.2079		0.15	
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	NP-237	<	0.5390		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	NP-239	<	0.0910		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	PB-210	<	1.0300		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	PB-212	1.3099		0.09	
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	PB-214	0.8860		0.08	
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	PU-239	<	60800.0000		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	PU-242	<	1.3500		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	RA-224	3.2535		1.02	
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	RA-226	2.9258		1.04	#
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	RH-101	<	0.0373		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	RH-102	<	0.0637		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	RH-102M	<	0.0638		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	RU-103	<	0.0238		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	SB-124	<	0.0540		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	SB-125	<	0.0725		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	SN-113	<	0.0194		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	SR-85	<	0.0252		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	TE-132	<	0.0215		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	TH-228	5.4322		4.50	
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	TH-234	<	1.0300		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	U-235	<	0.2070		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	U-237	<	0.1030		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	XE-133	<	0.3770		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	XE-133M	<	0.1310		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	Y-88	<	0.0181		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	ZN-65	<	0.0822		
	150.3	VP41994	0-2"	VPG0465JE	February 22, 1995	ZR-95	<	0.0470		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	AC-228	1.2726		0.16	
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	AG-110M	<	0.0362		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	AM-241	<	0.3030		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	AM-243	<	16.6000		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	BA-133	<	0.0312		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	BA-140	<	0.1200		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	BE-7	<	0.1860		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	BI-207	<	0.0236		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	BI-214	0.6753		0.08	
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	CD-109	2.3487		1.48	
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	CE-139	<	0.0180		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	CE-144	<	0.1240		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	CO-57	<	0.0214		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	CO-60	<	0.0198		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	CR-51	<	0.1060		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	CS-134	<	0.0483		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	CS-136	<	0.0160		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	CS-137	0.0554		0.03	
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	EU-152	<	0.0747		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	EU-154	<	0.0394		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	EU-155	<	0.1050		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	FE-59	<	0.0507		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	HG-203	<	0.0242		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	K-40	13.6680		0.81	
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	MN-54	<	0.0263		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	MO-99	<	0.0244		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	NA-22	<	0.0169		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	NB-95	<	0.0237		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	ND-147	0.1711		0.15	
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	NP-237	<	203.0000		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	NP-239	<	0.1110		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	PB-210	<	13.4000		

TABLE C-2
Vertical Soil Profile Results for OU8
Rocky Flats Environmental Technology Site

Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	PB-212	1.0962		0.08	
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	PB-214	0.7071		0.08	
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	PU-239	<	119000.0000		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	PU-242	<	21.2000		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	RA-224	<	0.9040		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	RA-226	2.8440		0.67	
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	RH-101	<	0.0308		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	RH-102	<	0.0538		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	RH-102M	<	0.0421		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	RU-103	<	0.0238		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	SB-124	<	0.0501		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	SB-125	<	0.0732		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	SN-113	<	0.0363		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	SR-85	<	0.0137		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	TE-132	<	0.0234		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	TH-228	<	6.0300		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	TH-234	3.5431		1.63	
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	U-235	<	0.1640		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	U-237	<	0.1280		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	XE-133	<	48.8000		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	XE-133M	<	0.1990		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	Y-88	<	0.0168		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	ZN-65	<	0.0853		
	150.3	VP41994	2-4"	VPG0466JE	February 22, 1995	ZR-95	<	0.0388		
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	AC-228	1.4492		0.17	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	AG-110M	<	0.0243	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	AM-241	<	0.3320	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	AM-243	<	15.3000	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	BA-133	<	0.0326	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	BA-140	<	0.1170	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	BE-7	<	0.1770	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	BI-207	<	0.0224	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	BI-214	0.5944		0.07	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	CD-109	1.5982		1.41	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	CE-139	<	0.0187	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	CE-144	<	0.1020	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	CO-57	<	0.0166	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	CO-60	<	0.0255	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	CR-51	<	0.1730	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	CS-134	<	0.0440	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	CS-136	<	0.0222	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	CS-137	<	0.0247	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	EU-152	<	0.0622	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	EU-154	<	0.0366	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	EU-155	<	0.0979	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	FE-59	<	0.0471	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	HG-203	<	0.0256	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	K-40	12.6720		0.76	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	MN-54	<	0.0241	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	MO-99	<	0.0117	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	NA-22	0.0602		0.05	#
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	NB-95	<	0.0290	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	ND-147	<	0.1480	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	NP-237	<	78.4000	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	NP-239	<	0.1030	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	PB-210	<	12.1000	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	PB-212	1.5744		0.08	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	PB-214	0.6800		0.08	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	PU-239	<	120000.0000	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	PU-242	<	19.5000	0.00	

TABLE C-2
Vertical Soil Profile Results for OU8
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Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	RA-224	1.2028		0.75	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	RA-226	2.3706		0.64	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	RH-101	<	0.0285	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	RH-102	<	0.0351	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	RH-102M	<	0.0417	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	RU-103	<	0.0208	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	SB-124	<	0.0457	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	SB-125	<	0.0647	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	SN-113	<	0.0257	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	SR-85	<	0.0115	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	TE-132	<	0.0095	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	TH-228	<	5.7900	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	TH-234	<	2.1200	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	U-235	<	0.1320	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	U-237	<	0.0581	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	XE-133	<	46.9000	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	XE-133M	<	0.0981	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	Y-88	<	0.0112	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	ZN-65	<	0.0805	0.00	
	150.3	VP41994	4-6"	VPG0467JE	February 25, 1995	ZR-95	<	0.0376	0.00	
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	AC-228	2.7004		0.19	
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	AG-110M	<	0.0358		
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	AM-241	0.1668		0.15	
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	AM-243	<	1.0500		
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	BA-133	<	0.0360		
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	BA-140	<	0.0512		
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	BE-7	<	0.1980		
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	BI-207	<	0.0297		
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	BI-214	1.1577		0.08	
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	CD-109	1.4915		1.42	
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	CE-139	<	0.0235		
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	CE-144	<	0.3170		
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	CO-57	<	0.0400		
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	CO-60	<	0.0170		
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	CR-51	<	0.1820		
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	CS-134	<	0.0519		
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	CS-136	<	0.0181		
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	CS-137	0.0959		0.03	
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	EU-152	<	0.0745		
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	EU-154	<	0.0812		
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	EU-155	0.1694		0.10	
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	FE-59	<	0.0543		
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	HG-203	<	0.0280		
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	K-40	32.1430		0.93	
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	MN-54	<	0.0179		
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	MO-99	<	0.0311		
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	NA-22	<	0.0163		
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	NB-95	<	0.0324		
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	ND-147	0.2251		0.17	
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	NP-237	<	0.3590		
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	NP-239	<	0.1030		
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	PB-210	1.8003		1.18	
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	PB-212	2.9979		0.10	
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	PB-214	1.2423		0.09	
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	PU-239	<	143000.0000		
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	PU-242	<	1.5600		
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	RA-224	3.9245		1.09	
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	RA-226	3.5135		0.92	#
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	RH-101	<	0.0401		
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	RH-102	<	0.0581		

TABLE C-2
Vertical Soil Profile Results for OU8
Rocky Flats Environmental Technology Site

Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	RH-102M	<	0.0375		
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	RU-103	<	0.0232		
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	SB-124	<	0.0536		
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	SB-125	<	0.0807		
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	SN-113	<	0.0312		
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	SR-85	<	0.0237		
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	TE-132	<	0.0116		
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	TH-228	7.0509		5.01	
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	TH-234	3.2156		0.97	
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	U-235	<	0.2160		
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	U-237	<	0.1140		
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	XE-133	<	0.3730		
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	XE-133M	<	0.2100		
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	Y-88	<	0.0105		
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	ZN-65	<	0.0888		
	150.7	VP40194	0-2"	VPG0401JE	February 25, 1995	ZR-95	<	0.0538		
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	AC-228	1.9880		0.21	
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	AG-110M	<	0.0188		
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	AM-241	0.1781		0.13	
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	AM-243	<	0.8830		
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	BA-133	<	0.0350		
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	BA-140	<	0.0949		
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	BE-7	<	0.2300		
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	BI-207	<	0.0256		
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	BI-214	1.1752		0.08	
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	CD-109	1.5270		1.22	
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	CE-139	<	0.0276		
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	CE-144	<	0.3020		
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	CO-57	<	0.0494		
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	CO-60	<	0.0274		
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	CR-51	<	0.2990		
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	CS-134	<	0.0481		
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	CS-136	<	0.0142		
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	CS-137	0.0950		0.03	
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	EU-152	<	0.0816		
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	EU-154	<	0.1030		
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	EU-155	0.1335		0.09	
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	FE-59	<	0.0545		
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	HG-203	<	0.0222		
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	K-40	30.0490		0.89	
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	MN-54	<	0.0236		
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	MO-99	<	0.0276		
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	NA-22	<	0.0313		
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	NB-95	<	0.0238		
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	ND-147	0.1596		0.15	
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	NP-237	<	1.0200		
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	NP-239	<	0.0937		
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	PB-210	1.3697		0.96	
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	PB-212	2.3746		0.08	
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	PB-214	1.1818		0.10	
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	PU-239	<	63300.0000		
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	PU-242	<	1.3000		
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	RA-224	2.3277		0.98	
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	RA-226	3.0821		0.70	
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	RH-101	<	0.0565		
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	RH-102	<	0.0568		
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	RH-102M	<	0.0571		
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	RU-103	<	0.0230		
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	SB-124	<	0.0498		
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	SB-125	<	0.0368		

TABLE C-2
Vertical Soil Profile Results for OU8
Rocky Flats Environmental Technology Site

Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	SN-113	<	0.0270		
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	SR-85	<	0.0204		
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	TE-132	<	0.0561		
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	TH-228	5.8648		4.27	
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	TH-234	1.5723		0.93	
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	U-235	0.2700		0.19	
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	U-237	<	0.1030		
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	XE-133	<	0.3420		
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	XE-133M	<	0.4560		
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	Y-88	<	0.0165		
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	ZN-65	<	0.0841		
	150.7	VP40194	2-4"	VPG0402JE	March 8, 1995	ZR-95	<	0.0445		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	AC-228	2.4986		0.20	
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	AG-110M	<	0.0363		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	AM-241	0.2051		0.14	
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	AM-243	<	0.6350		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	BA-133	<	0.0390		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	BA-140	0.1421		0.14	
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	BE-7	<	0.2110		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	BI-207	<	0.0297		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	BI-214	1.3240		0.08	
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	CD-109	1.4010		1.32	
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	CE-139	<	0.0299		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	CE-144	<	0.3130		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	CO-57	<	0.0518		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	CO-60	<	0.0282		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	CR-51	<	0.3540		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	CS-134	<	0.0490		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	CS-136	<	0.0161		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	CS-137	0.1672		0.03	
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	EU-152	<	0.0759		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	EU-154	<	0.1070		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	EU-155	<	0.1020		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	FE-59	<	0.0609		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	HG-203	<	0.0183		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	K-40	27.4840		0.82	
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	MN-54	<	0.0207		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	MO-99	<	0.0282		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	NA-22	<	0.0139		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	NB-95	<	0.0326		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	ND-147	0.1619		0.16	
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	NP-237	<	1.1100		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	NP-239	<	0.1050		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	PB-210	1.8632		1.01	
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	PB-212	2.8426		0.09	
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	PB-214	1.3689		0.09	
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	PU-239	<	115000.0000		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	PU-242	<	1.3800		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	RA-224	1.9389		1.08	
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	RA-226	3.6803		0.72	
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	RH-101	<	0.0590		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	RH-102	<	0.0653		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	RH-102M	<	0.0517		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	RU-103	<	0.0171		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	SB-124	<	0.0509		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	SB-125	<	0.0830		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	SN-113	<	0.0312		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	SR-85	<	0.0208		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	TE-132	<	0.0617		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	TH-228	5.6674		4.65	

TABLE C-2
Vertical Soil Profile Results for OU8
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Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	TH-234	1.7687		1.01	
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	U-235	0.2935		0.19	
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	U-237	<	0.1140		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	XE-133	<	0.3710		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	XE-133M	<	0.5000		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	Y-88	<	0.0249		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	ZN-65	<	0.0833		
	150.7	VP40194	4-6"	VPG0403JE	March 8, 1995	ZR-95	<	0.0488		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	AC-228	2.5002		0.28	
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	AG-110M	<	0.0525		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	AM-241	0.8241		0.73	#
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	AM-243	<	24.3000		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	BA-133	<	0.0454		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	BA-140	<	0.1010		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	BE-7	<	0.2750		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	BI-207	<	0.0387		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	BI-214	1.0869		0.10	
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	CD-109	2.8057		2.09	
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	CE-139	<	0.0287		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	CE-144	<	0.1890		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	CO-57	<	0.0190		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	CO-60	<	0.0328		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	CR-51	<	0.2880		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	CS-134	<	0.0681		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	CS-136	<	0.0287		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	CS-137	0.1981		0.04	
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	EU-152	<	0.0973		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	EU-154	<	0.0663		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	EU-155	<	0.1510		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	FE-59	0.0905		0.08	
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	HG-203	<	0.0355		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	K-40	29.5540		1.46	
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	MN-54	<	0.0356		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	MO-99	0.0349		0.03	
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	NA-22	<	0.0307		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	NB-95	<	0.0199		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	ND-147	<	0.2220		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	NP-237	<	315.0000		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	NP-239	<	0.1620		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	PB-210	<	20.0000		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	PB-212	2.7840		0.12	
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	PB-214	1.1884		0.12	
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	PU-239	<	199000.0000		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	PU-242	<	31.8000		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	RA-224	2.0893		1.30	
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	RA-226	4.4001		1.03	
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	RH-101	<	0.0261		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	RH-102	<	0.0524		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	RH-102M	<	0.0792		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	RU-103	<	0.0298		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	SB-124	<	0.0704		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	SB-125	0.2470		0.15	#
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	SN-113	<	0.0293		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	SR-85	<	0.0228		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	TE-132	<	0.0293		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	TH-228	<	8.5700		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	TH-234	5.3709		1.64	
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	U-235	0.2417		0.21	
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	U-237	<	0.1640		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	XE-133	<	73.9000		

TABLE C-2
Vertical Soil Profile Results for OU8
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Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	XE-133M	<	0.2550		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	Y-88	<	0.0219		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	ZN-65	<	0.1420		
	150.7	VP40294	0-2"	VPG0404JE	March 8, 1995	ZR-95	<	0.0708		
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	AC-228	2.6608		0.22	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	AG-110M	<	0.0383	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	AM-241	<	0.4170	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	AM-243	<	7.3600	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	BA-133	<	0.0451	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	BA-140	<	0.1190	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	BE-7	0.2193		0.21	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	BI-207	<	0.0243	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	BI-214	0.8745		0.08	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	CD-109	2.6898		1.78	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	CE-139	<	0.0275	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	CE-144	<	0.0934	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	CO-57	<	0.0125	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	CO-60	<	0.0366	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	CR-51	<	0.2120	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	CS-134	<	0.0554	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	CS-136	<	0.0361	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	CS-137	0.1328		0.03	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	EU-152	<	0.0774	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	EU-154	<	0.0483	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	EU-155	<	0.1200	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	FE-59	<	0.0577	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	HG-203	<	0.0184	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	K-40	24.3630		1.05	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	MN-54	<	0.0297	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	MO-99	<	0.0183	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	NA-22	0.0628		0.05	#
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	NB-95	<	0.0300	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	ND-147	0.2119		0.18	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	NP-237	<	257.0000	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	NP-239	<	0.1320	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	PB-210	<	16.6000	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	PB-212	2.7885		0.10	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	PB-214	1.0318		0.10	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	PU-239	<	109000.0000	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	PU-242	<	26.0000	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	RA-224	2.2419		1.11	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	RA-226	4.5314		1.14	#
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	RH-101	<	0.0421	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	RH-102	<	0.0461	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	RH-102M	<	0.0606	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	RU-103	<	0.0253	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	SB-124	<	0.0576	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	SB-125	<	0.0547	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	SN-113	<	0.0383	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	SR-85	<	0.0256	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	TE-132	<	0.0301	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	TH-228	8.9969		7.21	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	TH-234	<	2.1600	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	U-235	<	0.1770	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	U-237	<	0.1520	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	XE-133	<	59.8000	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	XE-133M	<	0.1830	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	Y-88	<	0.0146	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	ZN-65	<	0.1090	0.00	
	150.7	VP40294	2-4"	VPG0406JE	March 8, 1995	ZR-95	<	0.0665	0.00	

TABLE C-2
Vertical Soil Profile Results for OU8
Rocky Flats Environmental Technology Site

Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	AC-228	1.1613		0.09	
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	AG-110M	<	0.0167		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	AM-241	<	0.3830		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	AM-243	<	11.6000		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	BA-133	<	0.0174		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	BA-140	<	0.0615		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	BE-7	<	0.1330		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	BI-207	0.0322		0.02	#
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	BI-214	0.5809		0.04	
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	CD-109	<	1.3300		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	CE-139	<	0.0175		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	CE-144	<	0.2090		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	CO-57	<	0.0229		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	CO-60	<	0.0105		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	CR-51	<	0.1340		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	CS-134	<	0.0258		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	CS-136	<	0.0117		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	CS-137	0.0264		0.01	
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	EU-152	<	0.0423		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	EU-154	<	0.0481		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	EU-155	<	0.0666		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	FE-59	<	0.0351		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	HG-203	<	0.0164		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	K-40	23.2380		0.52	
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	MN-54	<	0.0148		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	MO-99	<	0.0187		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	NA-22	<	0.0144		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	NB-95	<	0.0137		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	ND-147	<	0.1500		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	NP-237	<	196.0000		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	NP-239	<	0.0722		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	PB-210	<	9.4500		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	PB-212	1.2701		0.05	
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	PB-214	0.6993		0.04	
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	PU-239	<	37000.0000		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	PU-242	<	15.1000		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	RA-224	1.1490		0.56	
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	RA-226	1.3523		0.67	
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	RH-101	<	0.0229		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	RH-102	<	0.0275		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	RH-102M	<	0.0354		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	RU-103	<	0.0069		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	SB-124	<	0.0268		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	SB-125	<	0.0348		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	SN-113	<	0.0153		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	SR-85	<	0.0077		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	TE-132	<	0.0106		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	TH-228	<	5.1600		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	TH-234	<	2.2100		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	U-235	<	0.1340		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	U-237	<	0.0848		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	XE-133	<	46.5000		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	XE-133M	<	0.1240		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	Y-88	<	0.0046		
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	ZN-65	0.0457		0.04	
	163.1	VP42094	0-2"	VPG0469JE	March 7, 1995	ZR-95	<	0.0272		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	AC-228	1.4198		0.13	
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	AG-110M	<	0.0258		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	AM-241	<	0.2800		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	AM-243	<	12.1000		

TABLE C-2
Vertical Soil Profile Results for OU8
Rocky Flats Environmental Technology Site

Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	BA-133	<	0.0269		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	BA-140	<	0.0459		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	BE-7	<	0.1520		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	BI-207	<	0.0208		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	BI-214	0.5675		0.06	
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	CD-109	<	1.1300		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	CE-139	<	0.0196		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	CE-144	<	0.1110		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	CO-57	<	0.0208		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	CO-60	<	0.0190		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	CR-51	<	0.1730		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	CS-134	<	0.0369		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	CS-136	<	0.0128		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	CS-137	0.0363		0.02	
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	EU-152	<	0.0696		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	EU-154	<	0.0401		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	EU-155	<	0.0801		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	FE-59	<	0.0550		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	HG-203	<	0.0222		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	K-40	27.1070		0.86	
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	MN-54	<	0.0211		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	MO-99	<	0.0193		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	NA-22	<	0.0185		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	NB-95	<	0.0249		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	ND-147	<	0.1180		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	NP-237	<	180.0000		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	NP-239	<	0.0849		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	PB-210	<	10.1000		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	PB-212	1.6708		0.07	
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	PB-214	0.6057		0.07	
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	PU-239	<	95300.0000		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	PU-242	<	15.8000		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	RA-224	1.7197		0.63	
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	RA-226	2.3588		0.68	#
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	RH-101	<	0.0105		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	RH-102	<	0.0308		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	RH-102M	<	0.0424		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	RU-103	<	0.0178		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	SB-124	<	0.0217		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	SB-125	<	0.0490		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	SN-113	<	0.0275		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	SR-85	<	0.0146		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	TE-132	<	0.0142		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	TH-228	5.2787		4.50	
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	TH-234	<	1.9200		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	U-235	0.1340		0.12	
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	U-237	<	0.0401		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	XE-133	<	23.0000		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	XE-133M	<	0.1790		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	Y-88	<	0.0118		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	ZN-65	<	0.0809		
	163.1	VP42094	2-4"	VPG0470JE	February 27, 1995	ZR-95	<	0.0432		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	AC-228	1.1082		0.13	
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	AG-110M	<	0.0160		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	AM-241	<	0.2940		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	AM-243	<	4.7000		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	BA-133	<	0.0166		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	BA-140	<	0.0547		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	BE-7	<	0.1020		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	BI-207	<	0.0129		

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Vertical Soil Profile Results for OU8
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Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	BI-214	0.6664		0.04	
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	CD-109	<	1.0900		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	CE-139	<	0.0153		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	CE-144	<	0.1030		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	CO-57	<	0.0149		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	CO-60	<	0.0129		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	CR-51	<	0.1150		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	CS-134	<	0.0277		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	CS-136	<	0.0098		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	CS-137	0.0298		0.01	
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	EU-152	<	0.0426		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	EU-154	<	0.0311		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	EU-155	<	0.0822		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	FE-59	<	0.0242		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	HG-203	<	0.0114		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	K-40	<	0.7270		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	MN-54	<	0.0129		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	MO-99	<	0.0170		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	NA-22	<	0.0140		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	NB-95	<	0.0155		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	ND-147	0.1528		0.11	
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	NP-237	<	191.0000		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	NP-239	<	0.0875		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	PB-210	<	10.7000		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	PB-212	1.2411		0.05	
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	PB-214	0.6947		0.05	
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	PU-239	<	52500.0000		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	PU-242	<	16.4000		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	RA-224	1.8809		0.46	
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	RA-226	1.7432		0.56	
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	RH-101	<	0.0234		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	RH-102	<	0.0296		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	RH-102M	<	0.0287		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	RU-103	<	0.0093		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	SB-124	<	0.0287		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	SB-125	<	0.0404		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	SN-113	<	0.0122		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	SR-85	<	0.0105		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	TE-132	<	0.0149		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	TH-228	4.6430		4.37	
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	TH-234	<	1.4100		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	U-235	<	0.1100		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	U-237	<	0.0985		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	XE-133	<	44.1000		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	XE-133M	<	0.0993		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	Y-88	<	0.0038		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	ZN-65	<	0.0460		
	163.1	VP42194	0-2"	VPG0472JE	February 28, 1995	ZR-95	<	0.0184		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	AC-228	1.4159		0.10	
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	AG-110M	<	0.0180		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	AM-241	0.2973		0.26	
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	AM-243	<	15.1000		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	BA-133	<	0.0205		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	BA-140	<	0.0559		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	BE-7	<	0.1090		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	BI-207	<	0.0154		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	BI-214	0.7641		0.05	
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	CD-109	<	1.1800		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	CE-139	<	0.0169		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	CE-144	<	0.0612		

TABLE C-2
Vertical Soil Profile Results for OU8
Rocky Flats Environmental Technology Site

Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	CO-57	<	0.0156		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	CO-60	<	0.0132		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	CR-51	<	0.1500		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	CS-134	<	0.0299		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	CS-136	<	0.0056		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	CS-137	0.0297		0.02	
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	EU-152	<	0.0440		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	EU-154	<	0.0329		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	EU-155	0.0942		0.07	
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	FE-59	<	0.0302		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	HG-203	<	0.0182		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	K-40	24.0660		0.55	
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	MN-54	<	0.0138		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	MO-99	<	0.0193		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	NA-22	<	0.0137		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	NB-95	<	0.0173		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	ND-147	0.1436		0.12	
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	NP-237	<	226.0000		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	NP-239	<	0.0851		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	PB-210	<	11.8000		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	PB-212	1.5702		0.06	
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	PB-214	0.8642		0.05	
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	PU-239	<	53400.0000		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	PU-242	<	19.0000		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	RA-224	1.3735		0.58	
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	RA-226	1.8109		0.71	#
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	RH-101	<	0.0270		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	RH-102	<	0.0303		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	RH-102M	<	0.0303		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	RU-103	<	0.0105		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	SB-124	<	0.0311		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	SB-125	<	0.0445		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	SN-113	<	0.0195		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	SR-85	<	0.0123		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	TE-132	<	0.0139		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	TH-228	<	4.7800		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	TH-234	<	1.5300		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	U-235	<	0.1300		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	U-237	<	0.0989		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	XE-133	<	53.1000		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	XE-133M	<	0.1020		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	Y-88	<	0.0051		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	ZN-65	<	0.0226		
	163.1	VP42194	4-6"	VPG0474JE	February 27, 1995	ZR-95	<	0.0230		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	AC-228	0.7307		0.12	
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	AG-110M	<	0.0184		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	AM-241	<	0.0971		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	AM-243	<	0.6680		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	BA-133	<	0.0249		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	BA-140	0.0968		0.09	
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	BE-7	<	0.1300		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	BI-207	0.0325		0.03	#
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	BI-214	0.3880		0.05	
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	CD-109	<	0.8490		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	CE-139	<	0.0147		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	CE-144	<	0.2120		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	CO-57	<	0.0351		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	CO-60	<	0.0072		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	CR-51	<	0.1430		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	CS-134	<	0.0325		

APPENDIX D LEGEND

OU	=	operable unit
IHSS	=	Individual Hazardous Substance Site
ppm	=	parts per million
J	=	estimated value
NA	=	not analyzed
DUP	=	duplicate system
µg/L	=	micrograms per liter

Sample Identification Number Suffixes:

EB	=	equipment blank
R	=	resample
*	=	100 milliliter sample
**	=	10 milliliter sample

APPENDIX D
LIST OF TABLES

D-1 Analytical Results for Soil-Gas Samples, OU8 - IHSS 118.1
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TABLE C-2
Vertical Soil Profile Results for OU8
Rocky Flats Environmental Technology Site

Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	CS-136	<	0.0116		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	CS-137	<	0.0184		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	EU-152	<	0.0481		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	EU-154	<	0.0732		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	EU-155	<	0.0611		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	FE-59	<	0.0388		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	HG-203	<	0.0198		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	K-40	<	0.5960		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	MN-54	<	0.0165		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	MO-99	<	0.0188		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	NA-22	<	0.0179		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	NB-95	<	0.0214		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	ND-147	<	0.1020		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	NP-237	<	0.4540		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	NP-239	<	0.0594		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	PB-210	0.8361		0.70	
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	PB-212	0.5720		0.05	
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	PB-214	0.3644		0.06	
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	PU-239	<	87700.0000		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	PU-242	<	0.9390		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	RA-224	2.0930		0.42	
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	RA-226	<	0.5110		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	RH-101	<	0.0401		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	RH-102	<	0.0391		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	RH-102M	<	0.0324		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	RU-103	<	0.0082		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	SB-124	<	0.0333		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	SB-125	<	0.0539		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	SN-113	<	0.0179		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	SR-85	<	0.0126		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	TE-132	<	0.0168		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	TH-228	<	2.9800		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	TH-234	1.3149		0.66	
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	U-235	<	0.1310		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	U-237	<	0.0679		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	XE-133	<	0.2820		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	XE-133M	<	0.0706		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	Y-88	<	0.0139		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	ZN-65	<	0.0518		
	172	VP41694	0-2"	VPG0454JE	March 1, 1995	ZR-95	<	0.0236		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	AC-228	0.7852		0.13	
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	AG-110M	37.4900			
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	AM-241	<	0.1740		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	AM-243	<	12.5000		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	BA-133	<	0.0229		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	BA-140	<	0.0942		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	BE-7	<	0.1530		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	BI-207	<	0.0194		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	BI-214	0.6001		0.06	
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	CD-109	<	1.0800		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	CE-139	<	0.0217		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	CE-144	<	0.1320		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	CO-57	<	0.0172		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	CO-60	<	0.0186		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	CR-51	<	0.1530		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	CS-134	<	0.0386		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	CS-136	<	0.0251		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	CS-137	<	0.0207		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	EU-152	<	0.0617		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	EU-154	<	0.0363		

TABLE C-2
Vertical Soil Profile Results for OU8
Rocky Flats Environmental Technology Site

Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	EU-155	<	0.0720		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	FE-59	<	0.0621		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	HG-203	<	0.0171		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	K-40	22.9750		0.80	
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	MN-54	<	0.0222		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	MO-99	<	0.0180		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	NA-22	<	0.0177		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	NB-95	<	0.0235		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	ND-147	<	0.1130		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	NP-237	<	173.0000		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	NP-239	<	0.0769		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	PB-210	<	9.4500		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	PB-212	0.8552		0.06	
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	PB-214	0.5717		0.07	
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	PU-239	<	105000.0000		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	PU-242	<	15.3000		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	RA-224	1.2478		0.49	
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	RA-226	2.0595		0.61	
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	RH-101	<	0.0221		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	RH-102	<	0.0290		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	RH-102M	<	0.0384		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	RU-103	<	0.0101		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	SB-124	<	0.0403		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	SB-125	<	0.0630		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	SN-113	<	0.0222		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	SR-85	<	0.0106		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	TE-132	<	0.0176		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	TH-228	<	4.2900		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	TH-234	<	1.9700		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	U-235	0.1130		0.11	
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	U-237	<	0.0787		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	XE-133	<	41.4000		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	XE-133M	<	0.1390		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	Y-88	<	0.0118		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	ZN-65	<	0.0771		
	172	VP41694	2-4"	VPG0455JE	February 28, 1995	ZR-95	<	0.0356		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	AC-228	0.7120		0.10	
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	AG-110M	<	0.0190		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	AM-241	<	0.0898		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	AM-243	<	0.6310		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	BA-133	<	0.0242		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	BA-140	<	0.0597		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	BE-7	<	0.1470		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	BI-207	<	0.0137		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	BI-214	0.5872		0.05	
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	CD-109	<	0.8630		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	CE-139	<	0.0160		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	CE-144	<	0.2030		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	CO-57	<	0.0341		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	CO-60	<	0.0166		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	CR-51	0.2706		0.23	#
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	CS-134	<	0.0322		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	CS-136	<	0.0083		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	CS-137	<	0.0184		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	EU-152	<	0.0486		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	EU-154	<	0.0711		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	EU-155	<	0.0598		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	FE-59	<	0.0391		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	HG-203	<	0.0174		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	K-40	22.9870		0.62	

TABLE C-2
Vertical Soil Profile Results for OU8
Rocky Flats Environmental Technology Site

Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	MN-54	<	0.0173		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	MO-99	<	0.0177		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	NA-22	<	0.0199		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	NB-95	<	0.0200		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	ND-147	<	0.1040		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	NP-237	<	0.4780		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	NP-239	<	0.0625		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	PB-210	1.7784		0.71	
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	PB-212	0.7288		0.05	
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	PB-214	0.6401		0.06	
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	PU-239	<	49600.0000		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	PU-242	<	0.9380		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	RA-224	1.1374		0.52	
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	RA-226	1.9837		0.69	#
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	RH-101	<	0.0387		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	RH-102	<	0.0310		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	RH-102M	<	0.0405		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	RU-103	<	0.0156		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	SB-124	<	0.0334		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	SB-125	<	0.0405		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	SN-113	<	0.0124		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	SR-85	<	0.0124		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	TE-132	<	0.0137		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	TH-228	<	3.0200		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	TH-234	0.9461		0.65	
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	U-235	0.1706		0.12	
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	U-237	<	0.0698		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	XE-133	<	0.2590		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	XE-133M	<	0.0695		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	Y-88	<	0.0137		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	ZN-65	<	0.0604		
	172	VP41694	4-6"	VPG0456JE	March 2, 1995	ZR-95	<	0.0276		
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	AC-228	0.6330		0.07	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	AG-110M	<	0.0131	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	AM-241	<	0.2190	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	AM-243	<	10.8000	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	BA-133	<	0.0163	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	BA-140	<	0.0624	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	BE-7	<	0.0929	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	BI-207	<	0.0105	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	BI-214	0.5922		0.04	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	CD-109	<	0.9720	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	CE-139	<	0.0125	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	CE-144	<	0.1070	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	CO-57	<	0.0132	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	CO-60	<	0.0060	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	CR-51	<	0.0499	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	CS-134	<	0.0267	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	CS-136	<	0.0056	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	CS-137	<	0.0133	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	EU-152	<	0.0343	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	EU-154	<	0.0277	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	EU-155	<	0.0653	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	FE-59	<	0.0239	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	HG-203	<	0.0087	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	K-40	18.4360		0.49	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	MN-54	0.0226		0.01	#
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	MO-99	<	0.0119	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	NA-22	0.0342		0.03	#
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	NB-95	<	0.0152	0.00	

TABLE C-2
Vertical Soil Profile Results for OU8
Rocky Flats Environmental Technology Site

Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	ND-147	<	0.1020	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	NP-237	<	201.0000	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	NP-239	<	0.0717	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	PB-210	<	8.1100	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	PB-212	0.6962		0.04	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	PB-214	0.6750		0.05	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	PU-239	<	29900.0000	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	PU-242	<	13.7000	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	RA-224	0.9894		0.41	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	RA-226	1.4542		0.51	#
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	RH-101	<	0.0180	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	RH-102	<	0.0237	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	RH-102M	<	0.0250	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	RU-103	<	0.0054	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	SB-124	<	0.0085	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	SB-125	<	0.0304	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	SN-113	<	0.0094	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	SR-85	<	0.0086	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	TE-132	<	0.0094	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	TH-228	<	3.9500	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	TH-234	<	1.6500	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	U-235	<	0.1020	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	U-237	<	0.0830	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	XE-133	<	21.6000	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	XE-133M	<	0.1140	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	Y-88	<	0.0046	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	ZN-65	<	0.0445	0.00	
	184	VP42294	2-4"	VPG0478JE	March 2, 1995	ZR-95	<	0.0214	0.00	
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	AC-228	2.3719		0.14	
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	AG-110M	<	0.0211		
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	AM-241	0.1509		0.13	
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	AM-243	<	0.2760		
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	BA-133	<	0.0317		
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	BA-140	<	0.0714		
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	BE-7	<	0.2170		
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	BI-207	<	0.0207		
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	BI-214	0.9472		0.07	
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	CD-109	2.0344		1.21	
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	CE-139	<	0.0250		
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	CE-144	<	0.2940		
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	CO-57	<	0.0471		
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	CO-60	<	0.0243		
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	CR-51	<	0.3010		
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	CS-134	<	0.0437		
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	CS-136	<	0.0137		
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	CS-137	0.0343		0.03	
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	EU-152	<	0.0627		
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	EU-154	<	0.0997		
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	EU-155	0.1083		0.09	
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	FE-59	<	0.0512		
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	HG-203	<	0.0221		
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	K-40	26.6090		0.78	
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	MN-54	<	0.0213		
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	MO-99	<	0.0266		
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	NA-22	<	0.0203		
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	NB-95	<	0.0143		
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	ND-147	0.2477		0.15	
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	NP-237	<	0.5530		
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	NP-239	<	0.0971		
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	PB-210	1.7501		0.87	

TABLE C-2
Vertical Soil Profile Results for OU8
Rocky Flats Environmental Technology Site

Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	PB-212	2.4642		0.09	
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	PB-214	1.0169		0.07	
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	PU-239	184360.0000			#
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	PU-242	<	1.1100		
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	RA-224	3.3012		0.97	
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	RA-226	2.9659		0.74	
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	RH-101	<	0.0553		
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	RH-102	<	0.0516		
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	RH-102M	<	0.0575		
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	RU-103	<	0.0218		
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	SB-124	<	0.0452		
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	SB-125	<	0.0657		
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	SN-113	<	0.0152		
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	SR-85	<	0.0170		
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	TE-132	<	0.0220		
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	TH-228	6.5120		4.23	
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	TH-234	2.2903		0.83	
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	U-235	0.1861		0.19	
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	U-237	<	0.1050		
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	XE-133	<	0.3420		
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	XE-133M	<	0.1430		
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	Y-88	0.0273		0.02	
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	ZN-65	<	0.0804		
	144N	VP41094	0-2"	VPG0434JE	March 14, 1995	ZR-95	<	0.0475		
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	AC-228	2.4511		0.18	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	AG-110M	<	0.0326	0.00	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	AM-241	0.1604		0.12	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	AM-243	<	0.8530	0.00	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	BA-133	<	0.0372	0.00	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	BA-140	<	0.1110	0.00	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	BE-7	<	0.1850	0.00	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	BI-207	<	0.0246	0.00	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	BI-214	1.0821		0.07	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	CD-109	<	1.2000	0.00	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	CE-139	<	0.0266	0.00	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	CE-144	<	0.3020	0.00	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	CO-57	<	0.0480	0.00	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	CO-60	<	0.0197	0.00	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	CR-51	<	0.2930	0.00	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	CS-134	<	0.0443	0.00	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	CS-136	<	0.0193	0.00	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	CS-137	0.0703		0.03	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	EU-152	<	0.0642	0.00	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	EU-154	<	0.1020	0.00	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	EU-155	0.0950		0.08	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	FE-59	<	0.0403	0.00	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	HG-203	<	0.0261	0.00	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	K-40	26.4460		0.77	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	MN-54	<	0.0204	0.00	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	MO-99	<	0.0276	0.00	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	NA-22	0.0471		0.03	#
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	NB-95	<	0.0282	0.00	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	ND-147	0.1622		0.14	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	NP-237	<	0.9660	0.00	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	NP-239	<	0.0861	0.00	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	PB-210	2.0631		0.91	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	PB-212	2.7041		0.09	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	PB-214	1.1756		0.09	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	PU-239	<	114000.0000	0.00	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	PU-242	<	1.2200	0.00	

TABLE C-2
Vertical Soil Profile Results for OU8
Rocky Flats Environmental Technology Site

Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	RA-224	2.8754		0.92	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	RA-226	2.3121		1.48	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	RH-101	<	0.0564	0.00	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	RH-102	<	0.0416	0.00	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	RH-102M	<	0.0428	0.00	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	RU-103	<	0.0169	0.00	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	SB-124	<	0.0457	0.00	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	SB-125	<	0.0644	0.00	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	SN-113	<	0.0258	0.00	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	SR-85	<	0.0184	0.00	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	TE-132	<	0.0187	0.00	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	TH-228	6.0072		4.21	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	TH-234	1.6198		0.89	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	U-235	<	0.2000	0.00	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	U-237	<	0.0966	0.00	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	XE-133	<	0.1400	0.00	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	XE-133M	<	0.1950	0.00	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	Y-88	<	0.0211	0.00	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	ZN-65	<	0.0720	0.00	
	144N	VP41094	2-4"	VPG0435JE	March 16, 1995	ZR-95	<	0.0396	0.00	
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	AC-228	2.7535		0.19	
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	AG-110M	<	0.0269		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	AM-241	<	0.2770		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	AM-243	<	18.5000		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	BA-133	<	0.0319		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	BA-140	<	0.0881		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	BE-7	<	0.1720		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	BI-207	<	0.0193		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	BI-214	1.0414		0.07	
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	CD-109	2.2582		1.42	
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	CE-139	<	0.0220		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	CE-144	<	0.1340		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	CO-57	<	0.0203		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	CO-60	<	0.0217		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	CR-51	<	0.1250		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	CS-134	<	0.0440		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	CS-136	<	0.0172		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	CS-137	<	0.0233		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	EU-152	<	0.0618		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	EU-154	<	0.0429		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	EU-155	0.1735		0.10	
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	FE-59	<	0.0414		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	HG-203	<	0.0255		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	K-40	27.5770		0.80	
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	MN-54	<	0.0249		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	MO-99	<	0.0222		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	NA-22	<	0.0128		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	NB-95	<	0.0279		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	ND-147	0.2129		0.15	
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	NP-237	<	127.0000		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	NP-239	<	0.1060		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	PB-210	<	14.4000		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	PB-212	2.8635		0.09	
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	PB-214	1.1449		0.08	
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	PU-239	<	72500.0000		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	PU-242	<	23.1000		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	RA-224	2.3545		0.86	
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	RA-226	2.7787		0.78	
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	RH-101	<	0.0196		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	RH-102	<	0.0389		

TABLE C-2
Vertical Soil Profile Results for OU8
Rocky Flats Environmental Technology Site

Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	RH-102M	<	0.0451		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	RU-103	<	0.0155		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	SB-124	<	0.0454		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	SB-125	<	0.0688		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	SN-113	<	0.0239		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	SR-85	<	0.0192		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	TE-132	<	0.0179		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	TH-228	<	5.7400		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	TH-234	<	2.1700		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	U-235	<	0.1440		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	U-237	<	0.1220		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	XE-133	<	62.0000		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	XE-133M	<	0.1650		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	Y-88	<	0.0170		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	ZN-65	<	0.0788		
	150.6/8	VP41394	2-4"	VPG0445JE	March 14, 1995	ZR-95	<	0.0332		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	AC-228	2.9135		0.13	
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	AG-110M	<	0.0192		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	AM-241	<	0.4870		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	AM-243	<	18.5000		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	BA-133	<	0.0250		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	BA-140	<	0.0894		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	BE-7	<	0.1660		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	BI-207	<	0.0167		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	BI-214	0.9162		0.05	
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	CD-109	1.8633		1.24	
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	CE-139	<	0.0206		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	CE-144	<	0.1150		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	CO-57	<	0.0166		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	CO-60	<	0.0139		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	CR-51	<	0.1140		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	CS-134	<	0.0318		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	CS-136	<	0.0141		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	CS-137	<	0.0171		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	EU-152	<	0.0551		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	EU-154	<	0.0352		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	EU-155	0.1263		0.08	
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	FE-59	<	0.0207		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	HG-203	<	0.0161		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	K-40	27.3810		0.55	
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	MN-54	<	0.0159		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	MO-99	<	0.0236		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	NA-22	<	0.0171		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	NB-95	<	0.0199		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	ND-147	0.1764		0.13	
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	NP-237	<	330.0000		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	NP-239	<	0.0895		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	PB-210	<	15.0000		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	PB-212	3.2142		0.07	
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	PB-214	0.9623		0.06	
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	PU-239	<	62100.0000		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	PU-242	<	23.8000		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	RA-224	3.2755		0.79	
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	RA-226	2.0474		0.85	#
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	RH-101	<	0.0268		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	RH-102	<	0.0365		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	RH-102M	<	0.0439		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	RU-103	<	0.0136		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	SB-124	<	0.0329		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	SB-125	<	0.0478		

TABLE C-2
Vertical Soil Profile Results for OU8
Rocky Flats Environmental Technology Site

Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	SN-113	<	0.0237		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	SR-85	<	0.0118		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	TE-132	<	0.0085		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	TH-228	<	5.1100		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	TH-234	<	2.7500		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	U-235	<	0.1680		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	U-237	<	0.1040		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	XE-133	<	47.8000		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	XE-133M	<	0.0859		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	Y-88	<	0.0039		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	ZN-65	<	0.0556		
	150.6/8	VP41394	4-6"	VPG0446JE	March 13, 1995	ZR-95	<	0.0348		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	AC-228	0.8738		0.09	
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	AG-110M	<	0.0152		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	AM-241	<	0.3690		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	AM-243	<	12.9000		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	BA-133	<	0.0169		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	BA-140	<	0.0670		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	BE-7	<	0.1110		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	BI-207	0.0202		0.02	
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	BI-214	0.6669		0.04	
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	CD-109	<	1.0300		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	CE-139	<	0.0127		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	CE-144	<	0.0568		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	CO-57	<	0.0111		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	CO-60	<	0.0144		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	CR-51	<	0.0617		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	CS-134	<	0.0271		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	CS-136	<	0.0128		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	CS-137	<	0.0137		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	EU-152	<	0.0379		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	EU-154	<	0.0261		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	EU-155	<	0.0614		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	FE-59	<	0.0211		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	HG-203	<	0.0156		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	K-40	22.4240		0.51	
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	MN-54	0.0228		0.02	
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	MO-99	<	0.0151		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	NA-22	<	0.0129		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	NB-95	<	0.0135		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	ND-147	<	0.1110		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	NP-237	<	145.0000		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	NP-239	<	0.0672		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	PB-210	<	10.5000		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	PB-212	0.9943		0.05	
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	PB-214	0.6878		0.05	
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	PU-239	<	78300.0000		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	PU-242	<	16.6000		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	RA-224	1.1683		0.45	
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	RA-226	1.7509		0.58	#
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	RH-101	<	0.0176		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	RH-102	<	0.0281		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	RH-102M	<	0.0305		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	RU-103	<	0.0132		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	SB-124	<	0.0280		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	SB-125	<	0.0361		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	SN-113	<	0.0181		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	SR-85	<	0.0101		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	TE-132	<	0.0146		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	TH-228	4.3351		4.08	

TABLE C-2
Vertical Soil Profile Results for OU8
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Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	TH-234	<	2.0700		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	U-235	<	0.0958		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	U-237	<	0.0690		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	XE-133	<	62.7000		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	XE-133M	<	0.0964		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	Y-88	<	0.0065		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	ZN-65	<	0.0263		
	150.6/8	VP41594	0-2"	VPG0451JE	March 15, 1995	ZR-95	<	0.0148		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	AC-228	0.8584		0.09	
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	AG-110M	<	0.0190		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	AM-241	<	0.3890		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	AM-243	<	14.7000		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	BA-133	<	0.0166		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	BA-140	<	0.0679		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	BE-7	<	0.1250		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	BI-207	<	0.0124		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	BI-214	0.6527		0.04	
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	CD-109	<	0.9670		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	CE-139	<	0.0128		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	CE-144	<	0.0995		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	CO-57	<	0.0148		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	CO-60	<	0.0115		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	CR-51	<	0.0530		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	CS-134	<	0.0281		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	CS-136	<	0.0074		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	CS-137	<	0.0186		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	EU-152	<	0.0397		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	EU-154	<	0.0303		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	EU-155	<	0.0625		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	FE-59	<	0.0298		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	HG-203	<	0.0174		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	K-40	23.1760		0.53	
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	MN-54	<	0.0128		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	MO-99	<	0.0164		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	NA-22	<	0.0164		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	NB-95	<	0.0170		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	ND-147	<	0.1020		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	NP-237	<	148.0000		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	NP-239	<	0.0692		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	PB-210	<	11.9000		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	PB-212	0.9337		0.05	
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	PB-214	0.7107		0.05	
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	PU-239	<	62700.0000		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	PU-242	<	18.9000		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	RA-224	0.8844		0.52	
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	RA-226	1.8658		0.56	#
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	RH-101	<	0.0202		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	RH-102	<	0.0283		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	RH-102M	<	0.0328		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	RU-103	<	0.0117		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	SB-124	<	0.0110		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	SB-125	<	0.0447		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	SN-113	<	0.0176		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	SR-85	<	0.0102		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	TE-132	<	0.0123		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	TH-228	<	3.8700		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	TH-234	<	2.2400		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	U-235	<	0.1100		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	U-237	<	0.0801		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	XE-133	<	68.1000		

TABLE C-2
Vertical Soil Profile Results for OU8
Rocky Flats Environmental Technology Site

Quality Control Code	IHSS	Location	Depth	Sample Number	Analysis Date	Analyte	Result	MDA	Error	Laboratory Qualifier
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	XE-133M	<	0.1110		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	Y-88	<	0.0059		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	ZN-65	<	0.0478		
	150.6/8	VP41594	2-4"	VPG0452JE	March 14, 1995	ZR-95	<	0.0254		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	AC-228	1.3006		0.10	
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	AG-110M	<	0.0176		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	AM-241	<	0.4310		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	AM-243	<	14.9000		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	BA-133	<	0.0190		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	BA-140	<	0.0794		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	BE-7	<	0.1180		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	BI-207	<	0.0109		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	BI-214	0.7772		0.05	
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	CD-109	<	1.4900		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	CE-139	<	0.0152		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	CE-144	<	0.2270		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	CO-57	<	0.0112		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	CO-60	<	0.0142		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	CR-51	<	0.0593		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	CS-134	<	0.0298		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	CS-136	<	0.0139		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	CS-137	0.0170		0.01	
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	EU-152	<	0.0450		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	EU-154	<	0.0533		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	EU-155	0.0884		0.08	
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	FE-59	<	0.0300		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	HG-203	<	0.0183		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	K-40	24.2840		0.54	
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	MN-54	0.0290		0.02	
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	MO-99	<	0.0202		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	NA-22	<	0.0155		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	NB-95	<	0.0144		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	ND-147	<	0.1680		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	NP-237	<	217.0000		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	NP-239	<	0.0824		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	PB-210	<	11.9000		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	PB-212	1.5271		0.06	
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	PB-214	0.8775		0.05	
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	PU-239	<	84400.0000		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	PU-242	<	19.0000		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	RA-224	1.0795		0.64	
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	RA-226	1.7434		0.59	#
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	RH-101	<	0.0250		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	RH-102	<	0.0341		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	RH-102M	<	0.0322		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	RU-103	<	0.0165		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	SB-124	<	0.0302		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	SB-125	<	0.0313		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	SN-113	<	0.0156		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	SR-85	<	0.0095		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	TE-132	<	0.0161		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	TH-228	<	5.7700		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	TH-234	3.6440		1.40	
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	U-235	<	0.1420		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	U-237	<	0.0961		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	XE-133	<	51.6000		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	XE-133M	<	0.1090		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	Y-88	<	0.0044		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	ZN-65	<	0.0536		
	150.6/8	VP41594	4-6"	VPG0453JE	March 8, 1995	ZR-95	<	0.0271		

APPENDIX D

Analytical Results for Soil-Gas Samples

TABLE D-10
Analytical Results for Soil-Gas Samples
OU8 - IHSS 173
Rocky Flats Environmental Technology Site

IHSS Sample Location: Sample Identification Number: Date Sampled:	173 SG008294 SGG0082JE** 2/16/95	173 SG008294 SGG0100JE**-D 2/16/95	173 SG008394 SGG0083JE 2/16/95	173 SG008494 SGG0084JER 3/21/95	173 SG008494 SGG0099JE-EB 2/16/95
Dibromochloromethane	< .5	< .5	< .5	< .03	< .5
Dibromromethane	< .5	< .5	< .5	< .03	< .5
Dichlorodifluoromethane	< .5	< .5	< .5	< .04	< .5
Dodecane	NA	NA	NA	NA	NA
Ethylbenzene	< .5	< .5	0.03	0.06	< .5
Hexachlorobutadiene	< .5	< .5	< .5	< .04	< .5
Isopropylbenzene	< .5	< .5	< .5	< .01	< .5
Methylene Chloride	< .5	< .5	< .5	< .03	< .5
Methylpropene	NA	NA	NA	NA	NA
Naphthalene	< .5	< .5	< .5	< .03	< .5
Styrene	< .5	< .5	< .5	< .04	< .5
Tetrachloroethene	280	280	0.21	0.08	0.09
Toluene	< .5	< .5	0.42	0.35	< .5
Total Xylenes	< 3.8	< 3.8	< .04	0.24	< .04
Trichloroethene	650 J	630 J	0.35	0.39	< .5
Trichlorofluoromethane	< .5	49	0.12	< .05	< .5
Vinyl Chloride	< .5	< .5	0.08	< .07	< .5
cis-1,2-Dichloroethene	7.1	7.1	1.8	0.04	< .5
cis-1,3-Dichloropropene	< .5	< .5	< .5	< .03	< .5
m & p-Xylenes	< 2	< 2	< 2	0.17	< 2
n-Butylbenzene	< .5	< .5	< .5	< .02	< .5
n-Propylbenzene	< .5	< .5	< .5	0.02	< .5
o-Xylene	< .5	< .5	0.04	0.07	< .5
p-Isopropyltoluene	< .5	< .5	< .5	< .02	< .5
s-Butylbenzene	< .5	< .5	< .5	< .01	< .5
t-Butylbenzene	< .5	< .5	< .5	< .01	< .5
trans-1,2-Dichloroethene	< .5	< .5	< .5	< .05	< .5
trans-1,3-Dichloropropene	< .5	< .5	< .5	< .03	< .5
Test Group:Gastech Units:ppm					
Hydrogen Sulfide					
Methane					

TABLE D-10
Analytical Results for Soil-Gas Samples
OU8 - IHSS 173
Rocky Flats Environmental Technology Site

IHSS	173	173	173	173	173
Sample Location:	SG008294	SG008294	SG008394	SG008494	SG008494
Sample Identification Number:	SGG0082JE**	SGG0100JE**-D	SGG0083JE	SGG0084JER	SGG0099JE-EB
Date Sampled:	2/16/95	2/16/95	2/16/95	3/21/95	2/16/95
Test Group:GC/MS Units:µg/L		DUP			EB
1,1,1,2-Tetrachloroethane	< .5	< .5	< .5	< .02	< .5
1,1,1-Trichloroethane	< .5	< .5	< .5	< .03	< .5
1,1,2,2-Tetrachloroethane	< .5	< .5	< .5	< .02	< .5
1,1,2-Trichloroethane	< .5	< .5	< .5	< .03	< .5
1,1-Dichloroethane	< .5	< .5	< .5	< .03	< .5
1,1-Dichloroethene	< .5	< .5	< .5	< .05	< .5
1,1-Dichloropropene	< .5	< .5	< .5	< .03	< .5
1,2,3-Trichlorobenzene	< .5	< .5	< .5	< .03	< .5
1,2,3-Trichloropropane	< .5	< .5	< .5	< .02	< .5
1,2,4-Trichlorobenzene	< .5	< .5	< .5	< .04	< .5
1,2,4-Trimethylbenzene	< .5	< .5	0.03	0.07	< .5
1,2-Dibromo-3-chloropropane	< .5	< .5	< .5	< .03	< .5
1,2-Dibromoethane	< .5	< .5	< .5	< .03	< .5
1,2-Dichlorobenzene	< .5	< .5	< .5	< .02	< .5
1,2-Dichloroethane	< .5	< .5	< .5	< .02	< .5
1,2-Dichloropropane	< .5	3	< .5	< .03	< .5
1,3,5-Trimethylbenzene	< .5	< .5	< .5	0.02	< .5
1,3-Dichlorobenzene	< .5	< .5	< .5	< .01	< .5
1,3-Dichloropropane	< .5	< .5	< .5	< .03	< .5
1,4-Dichlorobenzene	< .5	< .5	< .5	< .02	< .5
2,2-Dichloropropane	< .5	< .5	< .5	< .03	< .5
2-Butanone	< .5	< .5	0.06	0.06	< .5
2-Chlorotoluene	< .5	< .5	< .5	< .01	< .5
4-Chlorotoluene	< .5	< .5	< .5	< .01	< .5
Acetone	4.4	7.4	< .5	0.35	< .5
Benzene	4.3	< .5	0.39	0.06	0.03
Bromobenzene	< .5	< .5	< .5	< .01	< .5
Bromochloromethane	< .5	< .5	< .5	< .03	< .5
Bromodichloromethane	< .5	7.7	< .5	< .03	< .5
Bromoform	< .5	< .5	< .5	< .02	< .5
Bromomethane	< .5	< .5	< .5	< .03	< .5
Carbon Disulfide	< .5	< .5	0.06	< .04	< .5
Carbon Tetrachloride	< .5	< .5	< .5	< .03	< .5
Chlorobenzene	< .5	< .5	< .5	< .01	< .5
Chloroethane	< .5	< .5	< .5	< .08	< .5
Chloroform	< .5	< .5	< .5	< .03	< .5
Chloromethane	< .5	< .5	0.03	< .03	< .5

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TABLE D-9
Analytical Results for Soil-Gas Samples
OU8 - IHSS 163.1
Rocky Flats Environmental Technology Site

IHSS	163.1	163.1	163.1	163.1	163.1	163.1	163.1
Sample Location:	SG007594	SG007694	SG007794	SG007794	SG007994	SG007994	SG008194
Sample Identification Number:	SGG0075JE	SGG0076JE	SGG0077JE	SGG0087JE-D	SGG0079JE	SGG0154JER	SGG0081JE
Date Sampled:	11/9/94	11/9/94	11/9/94	11/9/94	11/9/94	2/16/95	11/9/94
Dibromochloromethane	< .03	< .03	< .03	< .03	< .03	< .5	< .03
Dibromromethane	< .03	< .03	< .03	< .03	< .03	< .5	< .03
Dichlorodifluoromethane	< .04	< .04	< .04	< .04	< .04	< .5	< .04
Dodecane	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	< .01	0.02	0.01	0.02	0.01	0.11	0.02
Hexachlorobutadiene	< .04	< .04	< .04	< .04	< .04	< .5	< .04
Isopropylbenzene	< .01	< .01	< .01	< .01	< .01	< .5	< .01
Methylene Chloride	< .03	< .03	< .03	< .03	< .03	< .5	0.09
Methylpropene	NA	NA	NA	NA	NA	NA	NA
Naphthalene	< .03	< .03	< .03	< .03	< .03	< .5	< .03
Styrene	< .04	< .04	< .04	< .04	< .04	< .5	< .04
Tetrachloroethene	< .02	< .02	< .02	< .02	< .02	0.66	< .02
Toluene	< .11	0.16	< .11	0.13	0.11	0.39	< .11
Total Xylenes	< .04	0.06	< .04	< .01	< .04	0.67	< .01
Trichloroethene	< .03	< .03	< .03	< .03	< .03	0.36	< .03
Trichlorofluoromethane	< .05	< .05	< .05	< .05	0.07	< .5	0.07
Vinyl Chloride	< .07	< .07	< .07	< .07	< .07	< .5	< .07
cis-1,2-Dichloroethene	< .03	< .03	< .03	< .03	< .03	< .5	< .03
cis-1,3-Dichloropropene	< .03	< .03	< .03	< .03	< .03	< .5	< .03
m & p-Xylenes	< .04	0.04	< .04	< .04	< .04	0.6	< .04
n-Butylbenzene	< .02	< .02	< .02	< .02	< .02	< .5	< .02
n-Propylbenzene	< .01	< .01	< .01	< .01	< .01	< .5	< .01
o-Xylene	< .01	0.02	< .01	0.01	< .01	0.07	0.01
p-Isopropyltoluene	< .02	< .02	< .02	< .02	< .02	< .5	< .02
s-Butylbenzene	< .01	< .01	< .01	< .01	< .01	< .5	< .01
t-Butylbenzene	< .01	< .01	< .01	< .01	< .01	< .5	< .01
trans-1,2-Dichloroethene	< .05	< .05	< .05	< .05	< .05	< .5	< .05
trans-1,3-Dichloropropene	< .03	< .03	< .03	< .03	< .03	< .5	< .03
Test Group:Gastech Units: ppm							
Hydrogen Sulfide							
Methane							

TABLE D-9
Analytical Results for Soil-Gas Samples
OU8 - IHSS 163.1
Rocky Flats Environmental Technology Site

IHSS	163.1	163.1	163.1	163.1	163.1	163.1	163.1
Sample Location:	SG007594	SG007694	SG007794	SG007794	SG007994	SG007994	SG008194
Sample Identification Number:	SGG0075JE	SGG0076JE	SGG0077JE	SGG0087JE-D	SGG0079JE	SGG0154JER	SGG0081JE
Date Sampled:	11/9/94	11/9/94	11/9/94	11/9/94	11/9/94	2/16/95	11/9/94
Test Group:GC/MS Units: µg/L				DUP			
1,1,1,2-Tetrachloroethane	< .02	< .02	< .02	< .02	< .02	< .5	< .02
1,1,1-Trichloroethane	< .03	< .03	< .03	< .03	< .03	< .5	< .03
1,1,2,2-Tetrachloroethane	< .02	< .02	< .02	< .02	< .02	< .5	< .02
1,1,2-Trichloroethane	< .03	< .03	< .03	< .03	< .03	< .5	< .03
1,1-Dichloroethane	< .03	< .03	0.05	< .03	< .03	< .5	< .03
1,1-Dichloroethene	< .05	< .05	0.17	< .05	< .05	< .5	< .05
1,1-Dichloropropene	< .03	< .03	< .03	< .03	< .03	< .5	< .03
1,2,3-Trichlorobenzene	< .03	< .03	< .03	< .03	< .03	< .5	< .03
1,2,3-Trichloropropane	< .02	< .02	< .02	< .02	< .02	< .5	< .02
1,2,4-Trichlorobenzene	< .04	< .04	< .04	< .04	< .04	< .5	< .04
1,2,4-Trimethylbenzene	< .01	0.01	< .01	< .01	< .01	0.01	0.01
1,2-Dibromo-3-chloropropane	< .03	< .03	< .03	< .03	< .03	< .5	< .03
1,2-Dibromoethane	< .03	< .03	< .03	< .03	< .03	< .5	< .03
1,2-Dichlorobenzene	< .02	< .02	< .02	< .02	< .02	< .5	< .02
1,2-Dichloroethane	< .02	< .02	< .02	< .02	< .02	< .5	< .02
1,2-Dichloropropane	< .03	< .03	< .03	< .03	< .03	< .5	< .03
1,3,5-Trimethylbenzene	< .01	< .01	< .01	< .01	< .01	< .5	< .01
1,3-Dichlorobenzene	< .01	< .01	< .01	< .01	< .01	< .5	< .01
1,3-Dichloropropane	< .03	< .03	< .03	< .03	< .03	< .5	< .03
1,4-Dichlorobenzene	< .02	< .02	< .02	< .02	< .02	< .5	< .02
2,2-Dichloropropane	< .03	< .03	< .03	< .03	< .03	< .5	< .03
2-Butanone	< .04	0.06	0.05	0.08	< .04	< .5	< .04
2-Chlorotoluene	< .01	< .01	< .01	< .01	< .01	< .5	< .01
4-Chlorotoluene	< .01	< .01	< .01	< .01	< .01	< .5	< .01
Acetone	0.12	< .03	0.21	0.29	< .03	< .5	< .03
Benzene	< .03	0.22	0.12	0.17	0.11	0.47	0.12
Bromobenzene	< .01	< .01	< .01	< .01	< .01	< .5	< .01
Bromochloromethane	< .03	< .03	< .03	< .03	< .03	< .5	< .03
Bromodichloromethane	< .03	< .03	< .03	< .03	< .03	< .5	< .03
Bromoform	< .02	< .02	< .02	< .02	< .02	< .5	< .02
Bromomethane	< .03	< .03	< .03	< .03	< .03	< .5	< .03
Carbon Disulfide	< .04	< .04	0.06	0.05	< .04	< .5	< .04
Carbon Tetrachloride	< .03	< .03	< .03	< .03	< .03	< .5	< .03
Chlorobenzene	< .01	< .01	< .01	< .01	< .01	< .5	< .01
Chloroethane	< .08	< .08	< .08	< .08	< .08	< .5	< .08
Chloroform	< .03	< .03	< .03	< .03	< .03	< .5	< .03
Chloromethane	< .03	< .03	0.39	< .03	0.12	< .5	< .03

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TABLE D-8
Analytical Results for Soil-Gas Samples
OU8 - IHSS 151
Rocky Flats Environmental Technology Site

IHSS	151	151	151	151	151
Sample Location:	SG006894	SG006894	SG006894	SG006994	SG006994
Sample Identification Number:	SGG0068JE	SGG0068JE*	SGG0088JE-EB	SGG0069JE	SGG0089JE-D
Date Sampled:	12/6/94	12/6/94	12/6/94	12/6/94	12/6/94
Dibromochloromethane	< .03	< .3	< .03	< .03	< .03
Dibromromethane	< .03	< .3	< .03	< .03	< .03
Dichlorodifluoromethane	< .04	< .4	< .04	< .04	< .04
Dodecane	NA	NA	NA	NA	NA
Ethylbenzene	0.01	< .1	0.03	0.03	0.02
Hexachlorobutadiene	< .04	< .4	< .04	< .04	< .04
Isopropylbenzene	< .01	< .1	< .01	< .01	< .01
Methylene Chloride	< .03	< .3	< .03	< .03	< .03
Methylpropene	NA	NA	NA	NA	NA
Naphthalene	< .03	< .3	< .03	< .03	< .03
Styrene	< .04	< .4	< .04	< .04	< .04
Tetrachloroethene	0.13	< .2	< .02	< .02	< .02
Toluene	< .11	< 1.11	< .11	< .11	< .11
Total Xylenes	0.07	< .4	0.16	0.11	0.06
Trichloroethene	< .03	< .3	< .03	< .03	< .03
Trichlorofluoromethane	5.3 J	17	2.7	0.26	2.3
Vinyl Chloride	< .07	< .71	< .07	< .07	< .07
cis-1,2-Dichloroethene	< .03	< .3	< .03	< .03	< .03
cis-1,3-Dichloropropene	< .03	< .3	< .03	< .03	< .03
m & p-Xylenes	0.05	< .4	0.13	0.08	0.04
n-Butylbenzene	< .02	< .2	< .02	< .02	< .02
n-Propylbenzene	< .01	< .1	< .01	< .01	< .01
o-Xylene	0.02	< .1	0.03	0.03	0.02
p-Isopropyltoluene	< .02	< .2	< .02	< .02	< .02
s-Butylbenzene	< .01	< .1	< .01	< .01	< .01
t-Butylbenzene	< .01	< .1	< .01	< .01	< .01
trans-1,2-Dichloroethene	< .05	< .5	< .05	< .05	< .05
trans-1,3-Dichloropropene	< .03	< .3	< .03	< .03	< .03
Test Group:Gastech Units: ppm					
Hydrogen Sulfide					
Methane					

TABLE D-8
Analytical Results for Soil-Gas Samples
OU8 - IHSS 151
Rocky Flats Environmental Technology Site

IHSS	151	151	151	151	151
Sample Location:	SG006894	SG006894	SG006894	SG006994	SG006994
Sample Identification Number:	SGG0068JE	SGG0068JE*	SGG0088JE-EB	SGG0069JE	SGG0089JE-D
Date Sampled:	12/6/94	12/6/94	12/6/94	12/6/94	12/6/94
Test Group:GC/MS Units: µg/L			EB		DUP
1,1,1,2-Tetrachloroethane	< .02	< .2	< .02	< .02	< .02
1,1,1-Trichloroethane	< .03	< .3	< .03	< .03	< .03
1,1,2,2-Tetrachloroethane	< .02	< .2	< .02	< .02	< .02
1,1,2-Trichloroethane	< .03	< .3	< .03	< .03	< .03
1,1-Dichloroethane	< .03	< .3	< .03	< .03	< .03
1,1-Dichloroethene	< .05	< .5	< .05	< .05	< .05
1,1-Dichloropropene	< .03	< .3	< .03	< .03	< .03
1,2,3-Trichlorobenzene	< .03	< .3	< .03	< .03	< .03
1,2,3-Trichloropropane	< .02	< .2	< .02	< .02	< .02
1,2,4-Trichlorobenzene	< .04	< .4	< .04	< .04	< .04
1,2,4-Trimethylbenzene	0.02	< .1	0.01	0.03	0.03
1,2-Dibromo-3-chloropropane	< .03	< .3	< .03	< .03	< .03
1,2-Dibromoethane	< .03	< .3	< .03	< .03	< .03
1,2-Dichlorobenzene	< .02	< .2	< .02	< .02	< .02
1,2-Dichloroethane	< .02	< .2	< .02	< .02	< .02
1,2-Dichloropropane	< .03	< .3	< .03	< .03	< .03
1,3,5-Trimethylbenzene	< .01	< .1	< .01	0.01	< .01
1,3-Dichlorobenzene	< .01	< .1	< .01	< .01	< .01
1,3-Dichloropropane	< .03	< .3	< .03	< .03	< .03
1,4-Dichlorobenzene	< .02	< .2	< .02	< .02	< .02
2,2-Dichloropropane	< .03	< .3	< .03	< .03	< .03
2-Butanone	< .04	< .4	< .04	< .04	< .04
2-Chlorotoluene	< .01	< .1	< .01	< .01	< .01
4-Chlorotoluene	< .01	< .1	< .01	< .01	< .01
Acetone	< .03	< .3	< .03	< .03	< .03
Benzene	0.05	< .3	< .03	0.11	0.06
Bromobenzene	< .01	< .1	< .01	< .01	< .01
Bromochloromethane	< .03	< .3	< .03	< .03	< .03
Bromodichloromethane	< .03	< .3	< .03	< .03	< .03
Bromoform	< .02	< .2	< .02	< .02	< .02
Bromomethane	< .03	< .3	< .03	< .03	< .03
Carbon Disulfide	< .04	< .4	< .04	< .04	< .04
Carbon Tetrachloride	< .03	< .3	< .03	< .03	< .03
Chlorobenzene	< .01	< .1	< .01	< .01	< .01
Chloroethane	< .08	< .81	< .08	< .08	< .08
Chloroform	< .03	< .3	< .03	< .03	< .03
Chloromethane	< .03	< .3	< .03	< .03	< .03

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TABLE D-7
Analytical Results for Soil-Gas Samples
OU8 - IHSS 150.6
Rocky Flats Environmental Technology Site

IHSS	150.6/8	150.6/8	150.6/8	150.6/8	150.6/8	150.6/8	150.6/8	150.6/8
Sample Location:	SG005894	SG005894	SG005894	SG005894	SG005894	SG006094	SG006094	SG006094
Sample Identification Number:	SGG0058JE	SGG0058JE*	SGG0058JE**	SGG0095JE-D	SGG0095JE*-D	SGG0060JE	SGG0060JE*	SGG0060JE**
Date Sampled:	12/13/94	12/13/94	12/13/94	12/13/94	12/13/94	12/13/94	12/13/94	12/13/94
Dibromochloromethane	< .03	< .3	< 2.9	< .03	< .3	< .03	< .3	< 2.9
Dibromromethane	< .03	< .3	< 2.9	< .03	< .3	< .03	< .3	< 2.9
Dichlorodifluoromethane	19 J	< .4	< 3.8	< .04	< .4	0.53	2.1	< 3.8
Dodecane	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	< .01	< .1	< 1	< .01	< .1	0.03	0.15	< 1
Hexachlorobutadiene	< .04	< .4	< 3.8	< .04	< .4	< .04	< .4	< 3.8
Isopropylbenzene	< .01	< .1	< 1	< .01	< .1	< .01	< .1	< 1
Methylene Chloride	< .03	< .3	< 2.9	< .03	< .3	< .03	< .3	< 2.9
Methylpropene	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	0.05	< .3	< 2.9	0.03	< .3	0.08	< .3	< 2.9
Styrene	< .04	< .4	< 3.8	< .04	< .4	< .04	< .4	< 3.8
Tetrachloroethene	< .02	< .2	< 1.9	< .02	< .2	< .02	< .2	< 1.9
Toluene	< .11	< 1.11	< 10.5	< .11	< 1.11	0.16	< 1.11	< 10.5
Total Xylenes	< .01	< .4	< 3.8	< .04	< .4	0.13	0.67	< 3.8
Trichloroethene	0.17	0.47	< 2.9	0.29	0.56	1.1	1.8	< 2.9
Trichlorofluoromethane	5 J	< .5	< 4.8	4.5 J	< .5	0.83	80 J	< 4.8
Vinyl Chloride	2.4	4.4	< 6.7	3.1	7	3.6	8.7	< 6.7
cis-1,2-Dichloroethene	0.54	0.8	< 2.9	0.67	1.1	4.3 J	7	4.7
cis-1,3-Dichloropropene	< .03	< .3	< 2.9	< .03	< .3	< .03	< .3	< 2.9
m & p-Xylenes	< .04	< .4	< 3.8	< .04	< .4	0.09	0.49	< 3.8
n-Butylbenzene	< .02	< .2	< 1.9	< .02	< .2	< .02	< .2	< 1.9
n-Propylbenzene	< .01	< .1	< 1	< .01	< .1	0.02	< .1	< 1
o-Xylene	0.01	< .1	< 1	< .01	< .1	0.04	0.18	< 1
p-Isopropyltoluene	< .02	< .2	< 1.9	< .02	< .2	< .02	< .2	< 1.9
s-Butylbenzene	< .01	< .1	< 1	< .01	< .1	< .01	< .1	< 1
t-Butylbenzene	< .01	< .1	< 1	< .01	< .1	< .01	< .1	< 1
trans-1,2-Dichloroethene	< .05	< .5	< 4.8	< .05	< .5	0.27	< .5	< 4.8
trans-1,3-Dichloropropene	< .03	< .3	< 2.9	< .03	< .3	< .03	< .3	< 2.9
Test Group:Gastech Units: ppm								
Hydrogen Sulfide								
Methane								

TABLE D-7
Analytical Results for Soil-Gas Samples
OU8 - IHSS 150.6
Rocky Flats Environmental Technology Site

IHSS	150.6/8	150.6/8	150.6/8	150.6/8	150.6/8	150.6/8	150.6/8	150.6/8
Sample Location:	SG005894	SG005894	SG005894	SG005894	SG005894	SG006094	SG006094	SG006094
Sample Identification Number:	SGG0058JE	SGG0058JE*	SGG0058JE**	SGG0095JE-D	SGG0095JE*-D	SGG0060JE	SGG0060JE*	SGG0060JE**
Date Sampled:	12/13/94	12/13/94	12/13/94	12/13/94	12/13/94	12/13/94	12/13/94	12/13/94
Test Group:GC/MS Units: µg/L				DUP	DUP			
1,1,1,2-Tetrachloroethane	< .02	< .2	< 1.9	< .02	< .2	< .02	< .2	< 1.9
1,1,1-Trichloroethane	< .03	< .3	< 2.9	< .03	< .3	< .03	< .3	< 2.9
1,1,2,2-Tetrachloroethane	< .02	< .2	< 1.9	< .02	< .2	< .02	< .2	< 1.9
1,1,2-Trichloroethane	< .03	< .3	< 2.9	< .03	< .3	< .03	< .3	< 2.9
1,1-Dichloroethane	0.35	0.54	< 2.9	0.48	0.87	0.21	0.39	< 2.9
1,1-Dichloroethene	0.1	< .5	< 4.8	0.13	< .5	0.12	< .5	< 4.8
1,1-Dichloropropene	< .03	< .3	< 2.9	< .03	< .3	< .03	< .3	< 2.9
1,2,3-Trichlorobenzene	< .03	< .3	< 2.9	< .03	< .3	< .03	< .3	< 2.86
1,2,3-Trichloropropane	< .02	< .2	< 1.9	< .02	< .2	< .02	< .2	< 1.9
1,2,4-Trichlorobenzene	< .04	< .4	< 3.8	< .04	< .4	< .04	< .4	< 3.8
1,2,4-Trimethylbenzene	0.01	< .1	< 1	0.01	< .1	0.1	0.31	< 1
1,2-Dibromo-3-chloropropane	< .03	< .3	< 2.9	< .03	< .3	< .03	< .3	< 2.9
1,2-Dibromoethane	< .03	< .3	< 2.9	< .03	< .3	< .03	< .3	< 2.9
1,2-Dichlorobenzene	< .02	< .2	< 1.9	< .02	< .2	< .02	< .2	< 1.9
1,2-Dichloroethane	< .02	< .2	< 1.9	< .02	< .2	< .02	< .2	< 1.9
1,2-Dichloropropane	< .03	< .3	< 2.9	< .03	< .3	< .03	< .3	< 2.9
1,3,5-Trimethylbenzene	< .01	< .1	< 1	< .01	< .1	0.03	< .1	< 1
1,3-Dichlorobenzene	< .01	< .1	< 1	< .01	< .1	< .01	< .1	< 1
1,3-Dichloropropane	< .03	< .3	< 2.9	< .03	< .3	< .03	< .3	< 2.9
1,4-Dichlorobenzene	< .02	< .2	< 1.9	< .02	< .2	< .02	< .2	< 1.9
2,2-Dichloropropane	< .03	< .3	< 2.9	< .03	< .3	< .03	< .3	< 2.9
2-Butanone	< .04	< .4	< 3.8	0.06	< .4	< .04	< .4	< 3.8
2-Chlorotoluene	< .01	< .1	< 1	< .01	< .1	< .01	< .1	< 1
4-Chlorotoluene	< .01	< .1	< 1	< .01	< .1	< .01	< .1	< 1
Acetone	< .03	< .3	< 2.9	< .03	< .3	< .03	< .3	< 2.9
Benzene	0.33	0.38	< 2.9	0.27	0.39	0.25	0.43	< 2.9
Bromobenzene	< .01	< .1	< 1	< .01	< .1	< .01	< .1	< 1
Bromochloromethane	< .03	< .3	< 2.9	< .03	< .3	< .03	< .3	< 2.9
Bromodichloromethane	< .03	< .3	< 2.9	< .03	< .3	< .03	< .3	< 2.9
Bromoform	< .02	< .2	< 1.9	< .02	< .2	< .02	< .2	< 1.9
Bromomethane	< .03	< .3	< 2.9	< .03	< .3	< .03	< .3	< 2.9
Carbon Disulfide	< .04	< .4	< 3.8	0.11	< .4	0.05	< .4	< 3.8
Carbon Tetrachloride	0.04	< .3	< 2.9	< .03	< .3	< .03	0.38	< 2.9
Chlorobenzene	< .01	< .1	< 1	< .01	< .1	< .01	< .1	< 1
Chloroethane	< .08	< .81	< 7.6	< .08	< .81	< .08	< .81	< 7.6
Chloroform	< .03	< .3	< 2.9	< .03	< .3	< .03	< .3	< 2.9
Chloromethane	0.1	< .3	< 2.9	0.18	< .3	0.05	< .3	< 2.9

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TABLE D-6
Analytical Results for Soil-Gas Samples
OU8 - IHSS 150.3
Rocky Flats Environmental Technology Site

IHSS Sample Location: Sample Identification Number: Date Sampled:	150.3 SG005094 SGG0050JE 2/21/95	150.3 SG005194 SGG0051JE 2/21/95	150.3 SG005294 SGG0052JE 2/21/95	150.3 SG005294 SGG0052JER 3/21/95
Dibromochloromethane	< .5	< .5	< .5	< .03
Dibromromethane	< .5	< .5	< .5	< .03
Dichlorodifluoromethane	< .5	< .5	< .5	< .04
Dodecane	NA	NA	NA	NA
Ethylbenzene	< .5	0.02	< .5	< .01
Hexachlorobutadiene	< .5	< .5	< .5	< .04
Isopropylbenzene	< .5	< .5	< .5	< .01
Methylene Chloride	< .5	< .5	< .5	< .03
Methylpropene	NA	NA	NA	NA
Naphthalene	< .5	< .5	< .5	< .03
Styrene	< .5	< .5	< .5	< .04
Tetrachloroethene	< .5	< .5	0.38	< .02
Toluene	< .5	0.2	0.11	< .11
Total Xylenes	< .04	< .04	< .04	< .04
Trichloroethene	< .5	< .5	0.42	< .03
Trichlorofluoromethane	0.29	< .5	< .5	0.06
Vinyl Chloride	< .5	< .5	< .5	< .07
cis-1,2-Dichloroethene	< .5	< .5	< .5	< .03
cis-1,3-Dichloropropene	< .5	< .5	< .5	< .03
m & p-Xylenes	< 2	< 2	< 2	< .04
n-Butylbenzene	< .5	< .5	< .5	< .02
n-Propylbenzene	< .5	< .5	< .5	< .01
o-Xylene	< .5	0.01	< .5	< .01
p-Isopropyltoluene	< .5	< .5	< .5	< .02
s-Butylbenzene	< .5	< .5	< .5	< .01
t-Butylbenzene	< .5	< .5	< .5	< .01
trans-1,2-Dichloroethene	< .5	< .5	< .5	< .05
trans-1,3-Dichloropropene	< .5	< .5	< .5	< .03
Test Group:Gastech Units: ppm				
Hydrogen Sulfide				
Methane				

TABLE D-6
Analytical Results for Soil-Gas Samples
OU8 - IHSS 150.3
Rocky Flats Environmental Technology Site

IHSS Sample Location: Sample Identification Number: Date Sampled:	150.3 SG005094 SGG0050JE 2/21/95	150.3 SG005194 SGG0051JE 2/21/95	150.3 SG005294 SGG0052JE 2/21/95	150.3 SG005294 SGG0052JER 3/21/95
Test Group:GC/MS Units: µg/L				
1,1,1,2-Tetrachloroethane	< .5	< .5	< .5	< .02
1,1,1-Trichloroethane	< .5	< .5	< .5	< .03
1,1,2,2-Tetrachloroethane	< .5	< .5	< .5	< .02
1,1,2-Trichloroethane	< .5	< .5	< .5	< .03
1,1-Dichloroethane	< .5	< .5	< .5	< .03
1,1-Dichloroethene	< .5	< .5	< .5	< .05
1,1-Dichloropropene	< .5	< .5	< .5	< .03
1,2,3-Trichlorobenzene	< .5	< .5	< .5	< .03
1,2,3-Trichloropropane	< .5	< .5	< .5	< .02
1,2,4-Trichlorobenzene	< .5	< .5	< .5	< .04
1,2,4-Trimethylbenzene	< .5	0.05	0.01	< .01
1,2-Dibromo-3-chloropropane	< .5	< .5	< .5	< .03
1,2-Dibromoethane	< .5	< .5	< .5	< .03
1,2-Dichlorobenzene	< .5	< .5	< .5	< .02
1,2-Dichloroethane	< .5	< .5	< .5	< .02
1,2-Dichloropropane	< .5	< .5	< .5	< .03
1,3,5-Trimethylbenzene	< .5	0.02	< .5	< .01
1,3-Dichlorobenzene	< .5	< .5	< .5	< .01
1,3-Dichloropropane	< .5	< .5	< .5	< .03
1,4-Dichlorobenzene	< .5	< .5	< .5	< .02
2,2-Dichloropropane	< .5	< .5	< .5	< .03
2-Butanone	< .5	< .5	0.04	< .04
2-Chlorotoluene	< .5	< .5	< .5	< .01
4-Chlorotoluene	< .5	< .5	< .5	< .01
Acetone	< .5	0.2	0.17	0.09
Benzene	< .5	0.15	0.07	< .03
Bromobenzene	< .5	< .5	< .5	< .01
Bromochloromethane	< .5	< .5	< .5	< .03
Bromodichloromethane	< .5	< .5	< .5	< .03
Bromoform	< .5	< .5	< .5	< .02
Bromomethane	< .5	< .5	< .5	< .03
Carbon Disulfide	< .5	< .5	< .5	< .04
Carbon Tetrachloride	< .5	< .5	< .5	< .03
Chlorobenzene	< .5	< .5	< .5	< .01
Chloroethane	< .5	< .5	< .5	< .08
Chloroform	< .5	< .5	< .5	< .03
Chloromethane	< .5	0.03	< .5	0.03

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TABLE D-5
Analytical Results for Soil-Gas Samples
OU8 - IHSS 150.1
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SG003694 SGG0036JE 12/13/94	SG003694 SGG0036JE* 12/13/94	SG003694 SGG0097JE**-D 12/13/94	SG003694 SGG0036JE**R 2/16/95	SG004094 SGG0040JE 12/13/94
Dodecane	NA	NA	NA	NA	NA
Ethylbenzene	0.02	< .1	1.3	< .5	< .01
Hexachlorobutadiene	< .04	< .4	< 3.8	< .5	< .04
Isopropylbenzene	< .01	< .1	< 1	< .5	< .01
Methylene Chloride	< .03	< .3	< 2.9	< .5	< .03
Methylpropene	NA	NA	NA	NA	NA
Naphthalene	0.05	< .3	< 2.9	< .5	< .03
Styrene	< .04	< .4	< 3.8	< .5	< .04
Tetrachloroethene	0.27	0.47	< 1.9	55	< .02
Toluene	< .11	< 1.11	< 10.5	< .5	< .11
Total Xylenes	0.11	< .4	6	< 4	< .01
Trichloroethene	0.7	0.85	< 2.9	57	< .03
Trichlorofluoromethane	6 J	52 J	750 J	330	0.73
Vinyl Chloride	12 J	12	8	< .5	< .07
cis-1,2-Dichloroethene	2	1.9	3.3	< .5	< .03
cis-1,3-Dichloropropene	< .03	< .3	< 2.9	< .5	< .03
m & p-Xylenes	0.08	< .4	4.4	< 2	< .04
n-Butylbenzene	< .02	< .2	< 1.9	< .5	< .02
n-Propylbenzene	< .01	< .1	< 1	< .5	< .01
o-Xylene	0.03	< .1	1.6	< .5	0.01
p-Isopropyltoluene	< .02	< .2	< 1.9	< .5	< .02
s-Butylbenzene	< .01	< .1	< 1	< .5	< .01
t-Butylbenzene	< .01	< .1	< 1	< .5	< .01
trans-1,2-Dichloroethene	2.9	< .5	< 4.8	< .5	< .05
trans-1,3-Dichloropropene	< .03	< .3	< 2.9	< .5	< .03
Test Group:Gastech Units: ppm					
Hydrogen Sulfide					
Methane					

TABLE D-5
Analytical Results for Soil-Gas Samples
OU8 - IHSS 150.1
Rocky Flats Environmental Technology Site

Sample Location:	SG003694	SG003694	SG003694	SG003694	SG004094
Sample Identification Number:	SGG0036JE	SGG0036JE*	SGG0097JE**-D	SGG0036JE**R	SGG0040JE
Date Sampled:	12/13/94	12/13/94	12/13/94	2/16/95	12/13/94
Test Group:GC/MS Units: µg/L			DUP AS REAL	NOT USED	
1,1,1,2-Tetrachloroethane	< .02	< .2	< 1.9	< .5	< .02
1,1,1-Trichloroethane	0.72	0.86	< 2.9	< .5	< .03
1,1,2,2-Tetrachloroethane	< .02	< .2	< 1.9	< .5	< .02
1,1,2-Trichloroethane	< .03	< .3	< 2.9	< .5	< .03
1,1-Dichloroethane	33 J	66 J	120	< .5	< .03
1,1-Dichloroethene	42 J	47 J	81	< .5	< .05
1,1-Dichloropropene	< .03	< .3	< 2.9	< .5	< .03
1,2,3-Trichlorobenzene	< .03	< .3	< 2.9	< .5	< .03
1,2,3-Trichloropropane	< .02	< .2	< 1.9	< .5	< .02
1,2,4-Trichlorobenzene	< .04	< .4	< 3.8	< .5	< .04
1,2,4-Trimethylbenzene	0.05	< .1	2.5	< .5	0.04
1,2-Dibromo-3-chloropropane	< .03	< .3	< 2.9	< .5	< .03
1,2-Dibromoethane	< .03	< .3	< 2.9	< .5	< .03
1,2-Dichlorobenzene	< .02	< .2	< 1.9	< .5	< .02
1,2-Dichloroethane	< .02	< .2	< 1.9	< .5	< .02
1,2-Dichloropropane	< .03	< .3	< 2.9	< .5	< .03
1,3,5-Trimethylbenzene	0.02	< .1	< 1	< .5	0.01
1,3-Dichlorobenzene	< .01	< .1	< 1	< .5	< .01
1,3-Dichloropropane	< .03	< .3	< 2.9	< .5	< .03
1,4-Dichlorobenzene	< .02	< .2	< 1.9	< .5	< .02
2,2-Dichloropropane	< .03	< .3	< 2.9	< .5	< .03
2-Butanone	0.07	< .4	5.7	< .5	< .04
2-Chlorotoluene	< .01	< .1	< 1	< .5	< .01
4-Chlorotoluene	< .01	< .1	< 1	< .5	< .01
Acetone	< .03	< .3	22	< .5	0.05
Benzene	0.1	< .3	< 2.9	< .5	0.06
Bromobenzene	< .01	< .1	< 1	< .5	< .01
Bromochloromethane	< .03	< .3	< 2.9	< .5	< .03
Bromodichloromethane	< .03	< .3	< 2.9	< .5	< .03
Bromoform	< .02	< .2	< 1.9	< .5	< .02
Bromomethane	< .03	0.4	< 2.9	< .5	< .03
Carbon Disulfide	< .04	< .4	< 3.8	< .5	< .04
Carbon Tetrachloride	< .03	< .3	< 2.9	< .5	< .03
Chlorobenzene	< .01	< .1	< 1	< .5	< .01
Chloroethane	2.4	2.6	< 7.6	< .5	< .08
Chloroform	< .03	< .3	< 2.9	< .5	< .03
Chloromethane	< .03	3.9	3.9	< .5	< .03
Dibromochloromethane	< .03	< .3	< 2.9	< .5	< .03
Dibromromethane	< .03	< .3	< 2.9	< .5	< .03
Dichlorodifluoromethane	< .04	< .4	< 3.8	< .5	< .04

TABLE D-4
Analytical Results for Soil-Gas Samples
OU8 - IHSS 144(N)
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SG002494 SGG0024JE 12/7/94	SG002494 SGG0092JE-D 12/7/94	SG002594 SGG0025JE 12/7/94	SG002694 SGG0026JE 12/7/94	SG002794 SGG0027JE 12/7/94	SG002894 SGG0028JE 12/7/94
Dichlorodifluoromethane	< .04	< .04	< .04	< .04	< .04	< .04
Dodecane	NA	NA	NA	NA	NA	NA
Ethylbenzene	< .01	< .01	0.02	0.05	< .01	0.06
Hexachlorobutadiene	< .04	< .04	< .04	< .04	< .04	< .04
Isopropylbenzene	< .01	< .01	< .01	< .01	< .01	< .01
Methylene Chloride	< .03	< .03	< .03	< .03	< .03	< .03
Methylpropene	NA	NA	NA	NA	NA	NA
Naphthalene	< .03	< .03	< .03	< .03	< .03	< .03
Styrene	< .04	< .04	< .04	< .04	< .04	< .04
Tetrachloroethene	< .02	< .02	< .02	< .02	< .02	< .02
Toluene	< .11	< .11	< .11	0.24	< .11	< .11
Total Xylenes	< .04	< .04	0.07	0.13	< .04	0.11
Trichloroethene	< .03	< .03	< .03	< .03	< .03	< .03
Trichlorofluoromethane	< .05	< .05	< .05	< .05	< .05	< .05
Vinyl Chloride	< .07	< .07	< .07	< .07	< .07	< .07
cis-1,2-Dichloroethene	< .03	< .03	< .03	< .03	< .03	< .03
cis-1,3-Dichloropropene	< .03	< .03	< .03	< .03	< .03	< .03
m & p-Xylenes	< .04	< .04	0.05	0.07	< .04	0.1
n-Butylbenzene	< .02	< .02	< .02	< .02	< .02	< .02
n-Propylbenzene	< .01	< .01	< .01	< .01	< .01	< .01
o-Xylene	< .01	< .01	0.02	0.06	< .01	0.01
p-Isopropyltoluene	< .02	< .02	< .02	< .02	< .02	< .02
s-Butylbenzene	< .01	< .01	< .01	< .01	< .01	< .01
t-Butylbenzene	< .01	< .01	< .01	< .01	< .01	< .01
trans-1,2-Dichloroethene	< .05	< .05	< .05	< .05	< .05	< .05
trans-1,3-Dichloropropene	< .03	< .03	< .03	< .03	< .03	< .03
Test Group:Gastech Units: ppm						
Hydrogen Sulfide						
Methane						

TABLE D-4
Analytical Results for Soil-Gas Samples
OU8 - IHSS 144(N)
Rocky Flats Environmental Technology Site

Sample Location:	SG002494	SG002494	SG002594	SG002694	SG002794	SG002894
Sample Identification Number:	SGG0024JE	SGG0092JE-D	SGG0025JE	SGG0026JE	SGG0027JE	SGG0028JE
Date Sampled:	12/7/94	12/7/94	12/7/94	12/7/94	12/7/94	12/7/94
Test Group:GC/MS Units: µg/L		DUP				
1,1,1,2-Tetrachloroethane	< .02	< .02	< .02	< .02	< .02	< .02
1,1,1-Trichloroethane	< .03	< .03	< .03	< .03	< .03	< .03
1,1,2,2-Tetrachloroethane	< .02	< .02	< .02	< .02	< .02	< .02
1,1,2-Trichloroethane	< .03	< .03	< .03	< .03	< .03	< .03
1,1-Dichloroethane	< .03	< .03	< .03	< .03	< .03	< .03
1,1-Dichloroethene	< .05	< .05	< .05	< .05	< .05	< .05
1,1-Dichloropropene	< .03	< .03	< .03	< .03	< .03	< .03
1,2,3-Trichlorobenzene	< .03	< .03	< .03	< .03	< .03	< .03
1,2,3-Trichloropropane	< .02	< .02	< .02	< .02	< .02	< .02
1,2,4-Trichlorobenzene	< .04	< .04	< .04	< .04	< .04	< .04
1,2,4-Trimethylbenzene	< .01	0.01	0.01	0.01	< .01	0.01
1,2-Dibromo-3-chloropropane	< .03	< .03	< .03	< .03	< .03	< .03
1,2-Dibromoethane	< .03	< .03	< .03	< .03	< .03	< .03
1,2-Dichlorobenzene	< .02	< .02	< .02	< .02	< .02	< .02
1,2-Dichloroethane	< .02	< .02	< .02	< .02	< .02	< .02
1,2-Dichloropropane	< .03	< .03	< .03	< .03	< .03	< .03
1,3,5-Trimethylbenzene	< .01	< .01	< .01	< .01	< .01	< .01
1,3-Dichlorobenzene	< .01	< .01	< .01	< .01	< .01	< .01
1,3-Dichloropropane	< .03	< .03	< .03	< .03	< .03	< .03
1,4-Dichlorobenzene	< .02	< .02	< .02	< .02	< .02	< .02
2,2-Dichloropropane	< .03	< .03	< .03	< .03	< .03	< .03
2-Butanone	< .04	< .04	< .04	< .04	< .04	< .04
2-Chlorotoluene	< .01	< .01	< .01	< .01	< .01	< .01
4-Chlorotoluene	< .01	< .01	< .01	< .01	< .01	< .01
Acetone	< .03	< .03	< .03	< .03	< .03	< .03
Benzene	0.05	< .03	0.05	0.38	< .03	0.11
Bromobenzene	< .01	< .01	< .01	< .01	< .01	< .01
Bromochloromethane	< .03	< .03	< .03	< .03	< .03	< .03
Bromodichloromethane	< .03	< .03	< .03	< .03	< .03	< .03
Bromoform	< .02	< .02	< .02	< .02	< .02	< .02
Bromomethane	< .03	< .03	< .03	< .03	< .03	< .03
Carbon Disulfide	< .04	< .04	< .04	< .04	< .04	0.09
Carbon Tetrachloride	3.2	3.3	0.04	< .03	0.56	< .03
Chlorobenzene	< .01	< .01	< .01	< .01	< .01	< .01
Chloroethane	< .08	< .08	< .08	< .08	< .08	< .08
Chloroform	0.54	0.54	< .03	< .03	0.23	< .03
Chloromethane	< .03	< .03	< .03	< .03	0.08	0.05
Dibromochloromethane	< .03	< .03	< .03	< .03	< .03	< .03
Dibromromethane	< .03	< .03	< .03	< .03	< .03	< .03

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TABLE D-3
Analytical Results for Soil-Gas Samples
OU8 - IHSS 123.1
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SG002194 SGG0153JER 2/21/95	SG002194 SGG0153JER 3/21/95	SG002294 SGG0022JE 11/8/94	SG002294 SGG0085JE-EB 11/8/94
Test Group:GC/MS Units: µg/L				EB
Dichlorodifluoromethane	< .5	0.11	1.1	< .04
Dodecane	NA	NA	NA	NA
Ethylbenzene	0.02	0.02	< .01	< .01
Hexachlorobutadiene	< .5	< .04	< .04	< .04
Isopropylbenzene	< .5	< .01	< .01	< .01
Methylene Chloride	< .5	< .03	< .03	< .03
Methylpropene	NA	NA	NA	NA
Naphthalene	< .5	< .03	< .03	< .03
Styrene	< .5	< .04	< .04	< .04
Tetrachloroethene	0.06	< .02	0.02	0.04
Toluene	0.33	0.12	0.2	< .11
Total Xylenes	< .04	0.06	< .04	< .01
Trichloroethene	0.06	< .03	0.06	0.05
Trichlorofluoromethane	< .5	< .05	< .05	< .05
Vinyl Chloride	< .5	< .07	< .07	< .07
cis-1,2-Dichloroethene	< .5	< .03	< .03	< .03
cis-1,3-Dichloropropene	< .5	< .03	< .03	< .03
m & p-Xylenes	< 2	0.04	< .04	< .04
n-Butylbenzene	< .5	< .02	< .02	< .02
n-Propylbenzene	< .5	< .01	< .01	< .01
o-Xylene	0.01	0.02	< .01	0.01
p-Isopropyltoluene	< .5	< .02	< .02	< .02
s-Butylbenzene	< .5	< .01	< .01	< .01
t-Butylbenzene	< .5	< .01	< .01	< .01
trans-1,2-Dichloroethene	< .5	< .05	< .05	< .05
trans-1,3-Dichloropropene	< .5	< .03	< .03	< .03
Test Group:Gastech Units: ppm				
Hydrogen Sulfide				
Methane				

TABLE D-3
Analytical Results for Soil-Gas Samples
OU8 - IHSS 123.1
Rocky Flats Environmental Technology Site

Sample Location:	SG002194	SG002194	SG002294	SG002294
Sample Identification Number:	SGG0153JER	SGG0153JER	SGG0022JE	SGG0085JE-EB
Date Sampled:	2/21/95	3/21/95	11/8/94	11/8/94
Test Group:GC/MS Units: µg/L				EB
1,1,1,2-Tetrachloroethane	< .5	< .02	< .02	< .02
1,1,1-Trichloroethane	< .5	< .03	< .03	< .03
1,1,2,2-Tetrachloroethane	< .5	< .02	< .02	< .02
1,1,2-Trichloroethane	< .5	< .03	< .03	< .03
1,1-Dichloroethane	< .5	< .03	< .03	< .03
1,1-Dichloroethene	< .5	< .05	< .05	0.07
1,1-Dichloropropene	< .5	< .03	< .03	< .03
1,2,3-Trichlorobenzene	< .5	< .03	< .03	< .03
1,2,3-Trichloropropane	< .5	< .02	< .02	< .02
1,2,4-Trichlorobenzene	< .5	< .04	< .04	< .04
1,2,4-Trimethylbenzene	0.03	0.02	0.01	0.01
1,2-Dibromo-3-chloropropane	< .5	< .03	< .03	< .03
1,2-Dibromoethane	< .5	< .03	< .03	< .03
1,2-Dichlorobenzene	< .5	< .02	< .02	< .02
1,2-Dichloroethane	< .5	< .02	< .02	< .02
1,2-Dichloropropane	< .5	< .03	< .03	< .03
1,3,5-Trimethylbenzene	< .5	< .01	< .01	< .01
1,3-Dichlorobenzene	< .5	< .01	< .01	< .01
1,3-Dichloropropane	< .5	< .03	< .03	< .03
1,4-Dichlorobenzene	< .5	< .02	< .02	< .02
2,2-Dichloropropane	< .5	< .03	< .03	< .03
2-Butanone	0.06	< .04	< .04	< .04
2-Chlorotoluene	< .5	< .01	< .01	< .01
4-Chlorotoluene	< .5	< .01	< .01	< .01
Acetone	0.27	0.21	0.17	0.03
Benzene	0.16	0.14	0.26	< .03
Bromobenzene	< .5	< .01	< .01	< .01
Bromochloromethane	< .5	< .03	< .03	< .03
Bromodichloromethane	< .5	< .03	< .03	< .03
Bromoform	< .5	< .02	< .02	< .02
Bromomethane	< .5	< .03	< .03	< .03
Carbon Disulfide	< .5	< .04	0.06	< .04
Carbon Tetrachloride	< .5	0.06	< .03	< .03
Chlorobenzene	< .5	< .01	< .01	< .01
Chloroethane	< .5	< .08	< .08	< .08
Chloroform	< .5	< .03	0.04	< .03
Chloromethane	< .5	< .03	< .03	< .03
Dibromochloromethane	< .5	< .03	< .03	< .03
Dibromromethane	< .5	< .03	< .03	< .03

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TABLE D-3
Analytical Results for Soil-Gas Samples
OU8 - IHSS 123.1
Rocky Flats Environmental Technology Site

Sample Location:	SG001694	SG001794	SG001794	SG001894	SG001994	SG002094	SG002094	SG002194	SG002194
Sample Identification Number:	SGG0016JE	SGG0017JE	SGG0151JER	SGG0018JE	SGG0019JE	SGG0020JE	SGG0152JER	SGG0021JE	SGG0101JE-EB
Date Sampled:	11/8/94	11/8/94	2/21/95	11/8/94	11/8/94	11/8/94	2/21/95	11/8/94	2/21/95
Test Group:GC/MS Units: µg/L									EB
Dichlorodifluoromethane	< .04	< .04	0.05	< .04	< .04	< .04	< .5	< .04	< .5
Dodecane	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	0.09	0.01	0.02	0.02	0.02	< .01	0.02	< .01	0.01
Hexachlorobutadiene	< .04	< .04	< .5	< .04	< .04	< .04	< .5	< .04	< .5
Isopropylbenzene	0.03	< .01	< .5	< .01	< .01	< .01	< .5	< .01	< .5
Methylene Chloride	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	< .5
Methylpropene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	< .5
Styrene	< .04	< .04	< .5	< .04	< .04	< .04	< .5	< .04	< .5
Tetrachloroethene	< .02	0.03	< .5	0.82	0.17	< .02	< .5	0.02	0.08
Toluene	< .11	< .11	0.21	< .11	0.14	< .11	0.19	< .11	0.31
Total Xylenes	< .11	< .01	< .04	< .04	< .01	< .04	< .04	< .04	< .04
Trichloroethene	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	0.08
Trichlorofluoromethane	< .05	< .05	< .5	< .05	< .05	< .05	< .5	< .05	< .5
Vinyl Chloride	< .07	< .07	< .5	< .07	< .07	< .07	< .5	< .07	< .5
cis-1,2-Dichloroethene	< .03	0.1	0.04	< .03	< .03	< .03	< .5	< .03	< .5
cis-1,3-Dichloropropene	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	< .5
m & p-Xylenes	< .04	< .04	< 2	< .04	< .04	< .04	< 2	< .04	< 2
n-Butylbenzene	< .02	< .02	< .5	< .02	< .02	< .02	< .5	< .02	< .5
n-Propylbenzene	0.04	< .01	< .5	< .01	< .01	< .01	< .5	< .01	< .5
o-Xylene	0.11	0.01	0.02	< .01	0.01	< .01	0.01	< .01	0.01
p-Isopropyltoluene	< .02	< .02	< .5	< .02	< .02	< .02	< .5	< .02	< .5
s-Butylbenzene	0.02	< .01	< .5	< .01	< .01	< .01	< .5	< .01	< .5
t-Butylbenzene	< .01	< .01	< .5	< .01	< .01	< .01	< .5	< .01	< .5
trans-1,2-Dichloroethene	< .05	< .05	< .5	< .05	< .05	< .05	< .5	< .05	< .5
trans-1,3-Dichloropropene	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	< .5
Test Group:Gastech Units: ppm									
Hydrogen Sulfide									
Methane									

TABLE D-3
Analytical Results for Soil-Gas Samples
OU8 - IHSS 123.1
Rocky Flats Environmental Technology Site

Sample Location:	SG001694	SG001794	SG001794	SG001894	SG001994	SG002094	SG002094	SG002194	SG002194
Sample Identification Number:	SGG0016JE	SGG0017JE	SGG0151JER	SGG0018JE	SGG0019JE	SGG0020JE	SGG0152JER	SGG0021JE	SGG0101JE-EB
Date Sampled:	11/8/94	11/8/94	2/21/95	11/8/94	11/8/94	11/8/94	2/21/95	11/8/94	2/21/95
Test Group:GC/MS Units: µg/L									EB
1,1,1,2-Tetrachloroethane	< .02	< .02	< .5	< .02	< .02	< .02	< .5	< .02	< .5
1,1,1-Trichloroethane	< .03	< .03	< .5	0.08	< .03	< .03	< .5	< .03	< .5
1,1,2,2-Tetrachloroethane	< .02	< .02	< .5	< .02	< .02	< .02	< .5	< .02	< .5
1,1,2-Trichloroethane	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	< .5
1,1-Dichloroethane	< .03	0.05	0.04	< .03	< .03	< .03	< .5	< .03	< .5
1,1-Dichloroethene	< .05	1.8	< .5	< .05	< .05	< .05	< .5	< .05	< .5
1,1-Dichloropropene	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	< .5
1,2,3-Trichlorobenzene	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	< .5
1,2,3-Trichloropropane	< .02	< .02	< .5	< .02	< .02	< .02	< .5	< .02	< .5
1,2,4-Trichlorobenzene	< .04	< .04	< .5	< .04	< .04	< .04	< .5	< .04	< .5
1,2,4-Trimethylbenzene	< .01	< .01	0.03	< .01	< .01	< .01	0.02	< .01	0.05
1,2-Dibromo-3-chloropropane	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	< .5
1,2-Dibromoethane	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	< .5
1,2-Dichlorobenzene	< .02	< .02	< .5	< .02	< .02	< .02	< .5	< .02	< .5
1,2-Dichloroethane	< .02	< .02	< .5	< .02	< .02	< .02	< .5	< .02	< .5
1,2-Dichloropropane	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	< .5
1,3,5-Trimethylbenzene	< .01	< .01	0.01	< .01	< .01	< .01	< .5	< .01	0.01
1,3-Dichlorobenzene	< .01	< .01	< .5	< .01	< .01	< .01	< .5	< .01	< .5
1,3-Dichloropropane	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	< .5
1,4-Dichlorobenzene	< .02	< .02	< .5	< .02	< .02	< .02	< .5	< .02	< .5
2,2-Dichloropropane	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	< .5
2-Butanone	< .04	< .04	0.11	0.05	< .04	< .04	0.05	< .04	< .5
2-Chlorotoluene	< .01	< .01	< .5	< .01	< .01	< .01	< .5	< .01	< .5
4-Chlorotoluene	< .01	< .01	< .5	< .01	< .01	< .01	< .5	< .01	< .5
Acetone	< .03	< .03	0.34	0.12	< .03	< .03	0.13	< .03	0.04
Benzene	0.11	0.03	0.11	0.08	0.23	0.05	0.09	< .03	< .5
Bromobenzene	< .01	< .01	< .5	< .01	< .01	< .01	< .5	< .01	< .5
Bromochloromethane	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	< .5
Bromodichloromethane	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	< .5
Bromoform	< .02	< .02	< .5	< .02	< .02	< .02	< .5	< .02	< .5
Bromomethane	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	< .5
Carbon Disulfide	< .04	< .04	< .5	< .04	0.05	< .04	< .5	< .04	< .5
Carbon Tetrachloride	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	< .5
Chlorobenzene	< .01	< .01	< .5	< .01	< .01	< .01	< .5	< .01	< .5
Chloroethane	< .08	< .08	< .5	< .08	< .08	< .08	< .5	< .08	< .5
Chloroform	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	< .5
Chloromethane	< .03	0.14	0.2	< .03	< .03	< .03	0.04	< .03	0.03
Dibromochloromethane	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	< .5
Dibromromethane	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	< .5

TABLE D-2
Analytical Results for Soil-Gas Samples
OU8 - IHSS 118.2
Rocky Flats Environmental Technology Site

Sample Location:	SG001294	SG001294	SG001394	SG001394	SG001394	SG001494
Sample Identification Number:	SGG0012JE	SGG0012JE**	SGG0013JE	SGG0013JE*	SGG0093JE-EB	SGG0014JE
Date Sampled:	12/8/94	12/8/94	12/8/94	12/8/94	12/8/94	12/8/94
Dichlorodifluoromethane	< .04	< 3.8	< .04	< .4	< .04	< .04
Dodecane	NA	< .53	NA	NA	NA	NA
Ethylbenzene	< .01	< 1	< .01	< .1	< .01	0.03
Hexachlorobutadiene	< .04	< 3.8	< .04	< .4	< .04	< .04
Isopropylbenzene	< .01	< 1	< .01	< .1	< .01	< .01
Methylene Chloride	< .03	< 2.9	< .03	< .3	< .03	< .03
Methylpropene	NA	NA	NA	NA	NA	NA
Naphthalene	< .03	< 2.9	< .03	< .3	< .03	< .03
Styrene	< .04	< 3.8	< .04	< .4	< .04	< .04
Tetrachloroethene	0.2	< 1.9	0.14	0.52	< .02	0.63
Toluene	0.11	< 10.5	< .11	< 1.11	< .11	2.7
Total Xylenes	< .04	< 3.8	< .04	< .4	< .04	< .05
Trichloroethene	11 J	17	4.8 J	5.6	< .03	1.8
Trichlorofluoromethane	< .05	< 4.8	< .05	< .5	< .05	0.33
Vinyl Chloride	< .07	< 6.7	< .07	< .71	< .07	< .07
cis-1,2-Dichloroethene	0.31	< 2.9	0.11	< .3	< .03	0.09
cis-1,3-Dichloropropene	< .03	< 2.9	< .03	< .3	< .03	< .03
m & p-Xylenes	< .04	< 3.8	< .04	< .4	< .04	0.05
n-Butylbenzene	< .02	< 1.9	< .02	< .2	< .02	< .02
n-Propylbenzene	< .01	< 1	< .01	< .1	< .01	< .01
o-Xylene	< .01	< 1	< .01	< .1	< .01	< .01
p-Isopropyltoluene	< .02	< 1.9	< .02	< .2	< .02	< .02
s-Butylbenzene	< .01	< 1	< .01	< .1	< .01	< .01
t-Butylbenzene	< .01	< 1	< .01	< .1	< .01	< .01
trans-1,2-Dichloroethene	< .05	< 4.8	< .05	< .5	< .05	< .05
trans-1,3-Dichloropropene	< .03	< 2.9	< .03	< .3	< .03	< .03
Test Group:Gastech Units: ppm						
Hydrogen Sulfide						
Methane						

TABLE D-2
Analytical Results for Soil-Gas Samples
OU8 - IHSS 118.2
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SG001294 SGG0012JE 12/8/94	SG001294 SGG0012JE** 12/8/94	SG001394 SGG0013JE 12/8/94	SG001394 SGG0013JE* 12/8/94	SG001394 SGG0093JE-EB 12/8/94	SG001494 SGG0014JE 12/8/94
Test Group:GC/MS Units: µg/L					EB	
1,1,1,2-Tetrachloroethane	< .02	< 1.9	< .02	< .2	< .02	< .02
1,1,1-Trichloroethane	< .03	< 2.9	< .03	< .3	< .03	< .03
1,1,2,2-Tetrachloroethane	< .02	< 1.9	< .02	< .2	< .02	< .02
1,1,2-Trichloroethane	< .03	< 2.9	< .03	< .3	< .03	< .03
1,1-Dichloroethane	< .03	< 2.9	< .03	< .3	< .03	< .03
1,1-Dichloroethene	< .05	< 4.8	< .05	< .5	< .05	< .05
1,1-Dichloropropene	< .03	< 2.9	< .03	< .3	< .03	< .03
1,2,3-Trichlorobenzene	< .03	< 2.9	< .03	< .3	< .03	< .03
1,2,3-Trichloropropane	< .02	< 1.9	< .02	< .2	< .02	< .02
1,2,4-Trichlorobenzene	< .04	< 3.8	< .04	< .4	< .04	< .04
1,2,4-Trimethylbenzene	< .01	< 1	< .01	< .1	< .01	< .01
1,2-Dibromo-3-chloropropane	< .03	< 2.9	< .03	< .3	< .03	< .03
1,2-Dibromoethane	< .03	< 2.9	< .03	< .3	< .03	< .03
1,2-Dichlorobenzene	< .02	< 1.9	< .02	< .2	< .02	< .02
1,2-Dichloroethane	< .02	< 1.9	< .02	< .2	< .02	< .02
1,2-Dichloropropane	< .03	< 2.9	< .03	< .3	< .03	< .03
1,3,5-Trimethylbenzene	< .01	< 1	< .01	< .1	< .01	< .01
1,3-Dichlorobenzene	< .01	< 1	< .01	< .1	< .01	< .01
1,3-Dichloropropane	< .03	< 2.9	< .03	< .3	< .03	< .03
1,4-Dichlorobenzene	< .02	< 1.9	< .02	< .2	< .02	< .02
2,2-Dichloropropane	< .03	< 2.9	< .03	< .3	< .03	< .03
2-Butanone	< .04	< 3.8	< .04	< .4	< .04	< .04
2-Chlorotoluene	< .01	< 1	< .01	< .1	< .01	< .01
4-Chlorotoluene	< .01	< 1	< .01	< .1	< .01	< .01
Acetone	< .03	< 2.9	< .03	0.35	< .03	< .03
Benzene	0.05	3.7	0.1	< .3	< .03	0.15
Bromobenzene	< .01	< 1	< .01	< .1	< .01	< .01
Bromochloromethane	< .03	< 2.9	< .03	< .3	< .03	< .03
Bromodichloromethane	< .03	< 2.9	< .03	< .3	< .03	< .03
Bromoform	< .02	< 1.9	< .02	< .2	< .02	< .02
Bromomethane	< .03	< 2.9	< .03	< .3	< .03	< .03
Carbon Disulfide	< .04	< 3.8	0.06	< .4	< .04	< .04
Carbon Tetrachloride	79 J	1000 J	10 J	10	1.6	3
Chlorobenzene	< .01	< 1	< .01	< .1	< .01	< .01
Chloroethane	< .08	< 7.6	< .08	< .81	< .08	< .08
Chloroform	16 J	28	2.3	2.3	< .03	0.42
Chloromethane	1.5	< 2.9	< .03	< .3	< .03	< .03
Dibromochloromethane	< .03	< 2.9	< .03	< .3	< .03	< .03
Dibromromethane	< .03	< 2.9	< .03	< .3	< .03	< .03

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TABLE D-2
Analytical Results for Soil-Gas Samples
OU8 - IHSS 118.2
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SG001094 SGG0010JE 12/8/94	SG001094 SGG0010JE* 12/8/94	SG001194 SGG0011JE 12/8/94	SG001194 SGG0011JE* 12/8/94	SG001194 SGG0011JE** 12/8/94	SG001194 SGG0094JE-D 12/8/94	SG001194 SGG0094JE*-D 12/8/94	SG001194 SGG0094JE**-D 12/8/94
Dichlorodifluoromethane	0.4	< .4	< .04	< .4	< 3.8	< .04	< .4	< 3.8
Dodecane	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	0.02	< .1	0.01	< .1	< 1	0.01	< .1	< 1
Hexachlorobutadiene	< .04	< .4	< .04	< .4	< 3.8	< .04	< .4	< 3.8
Isopropylbenzene	< .01	< .1	< .01	< .1	< 1	< .01	< .1	< 1
Methylene Chloride	< .03	< .3	< .03	< .3	< 2.9	< .03	< .3	< 2.9
Methylpropene	< .91	NA	NA	< .6	NA	NA	NA	NA
Naphthalene	< .03	< .3	< .03	< .3	< 2.9	< .03	< .3	< 2.9
Styrene	< .04	< .4	< .04	< .4	< 3.8	< .04	< .4	< 3.8
Tetrachloroethene	1.2	1.6	0.46	2.5	2.7	1.8	2.5	2.5
Toluene	0.83	1.2	0.14	< 1.11	< 10.5	0.15	< 1.11	< 10.5
Total Xylenes	0.06	< .4	< .04	< .4	< 3.8	< .04	< .4	< 3.8
Trichloroethene	3	3.3	5.1 J	6.6	7.5	4.7 J	6.1	6.4
Trichlorofluoromethane	< .05	< .5	< .05	< .5	< 4.8	0.13	< .5	< 4.8
Vinyl Chloride	< .07	< .71	< .07	< .71	< 6.7	< .07	< .71	< 6.7
cis-1,2-Dichloroethene	0.12	< .3	0.21	< .3	< 2.9	0.18	< .3	< 2.9
cis-1,3-Dichloropropene	< .03	< .3	< .03	< .3	< 2.9	< .03	< .3	< 2.9
m & p-Xylenes	0.05	< .4	< .04	< .4	< 3.8	< .04	< .4	< 3.8
n-Butylbenzene	< .02	< .2	< .02	< .2	< 1.9	< .02	< .2	< 1.9
n-Propylbenzene	< .01	< .1	< .01	< .1	< 1	< .01	< .1	< 1
o-Xylene	0.01	< .1	< .01	< .1	< 1	< .01	< .1	< 1
p-Isopropyltoluene	< .02	< .2	< .02	< .2	< 1.9	< .02	< .2	< 1.9
s-Butylbenzene	< .01	< .1	< .01	< .1	< 1	< .01	< .1	< 1
t-Butylbenzene	< .01	< .1	< .01	< .1	< 1	< .01	< .1	< 1
trans-1,2-Dichloroethene	< .05	< .5	< .05	< .5	< 4.8	< .05	< .5	< 4.8
trans-1,3-Dichloropropene	< .03	< .3	< .03	< .3	< 2.9	< .03	< .3	< 2.9
Test Group:Gastech Units: ppm								
Hydrogen Sulfide								
Methane								

TABLE D-2
Analytical Results for Soil-Gas Samples
OU8 - IHSS 118.2
Rocky Flats Environmental Technology Site

Sample Location:	SG001094	SG001094	SG001194	SG001194	SG001194	SG001194	SG001194	SG001194
Sample Identification Number:	SGG0010JE	SGG0010JE*	SGG0011JE	SGG0011JE*	SGG0011JE**	SGG0094JE-D	SGG0094JE*-D	SGG0094JE**-D
Date Sampled:	12/8/94	12/8/94	12/8/94	12/8/94	12/8/94	12/8/94	12/8/94	12/8/94
Test Group:GC/MS Units: µg/L						DUP	DUP	DUP
1,1,1,2-Tetrachloroethane	< .02	< .2	< .02	< .2	< 1.9	< .02	< .2	< 1.9
1,1,1-Trichloroethane	< .03	< .3	< .03	< .3	< 2.9	< .03	< .3	< 2.9
1,1,2,2-Tetrachloroethane	< .02	< .2	< .02	< .2	< 1.9	< .02	< .2	< 1.9
1,1,2-Trichloroethane	< .03	< .3	< .03	< .3	< 2.9	< .03	< .3	< 2.9
1,1-Dichloroethane	< .03	< .3	< .03	< .3	< 2.9	< .03	< .3	< 2.9
1,1-Dichloroethene	< .05	< .5	< .05	< .5	< 4.8	< .05	< .5	< 4.8
1,1-Dichloropropene	< .03	< .3	< .03	< .3	< 2.9	< .03	< .3	< 2.9
1,2,3-Trichlorobenzene	< .03	< .3	< .03	< .3	< 2.9	< .03	< .3	< 2.9
1,2,3-Trichloropropane	< .02	< .2	< .02	< .2	< 1.9	< .02	< .2	< 1.9
1,2,4-Trichlorobenzene	< .04	< .4	< .04	< .4	< 3.8	< .04	< .4	< 3.8
1,2,4-Trimethylbenzene	< .01	< .1	< .01	< .1	< 1	< .01	< .1	< 1
1,2-Dibromo-3-chloropropane	< .03	< .3	< .03	< .3	< 2.9	< .03	< .3	< 2.9
1,2-Dibromoethane	< .03	< .3	< .03	< .3	< 2.9	< .03	< .3	< 2.9
1,2-Dichlorobenzene	< .02	< .2	< .02	< .2	< 1.9	< .02	< .2	< 1.9
1,2-Dichloroethane	< .02	< .2	< .02	< .2	< 1.9	< .02	< .2	< 1.9
1,2-Dichloropropane	< .03	< .3	< .03	< .3	< 2.9	< .03	< .3	< 2.9
1,3,5-Trimethylbenzene	< .01	< .1	< .01	< .1	< 1	< .01	< .1	< 1
1,3-Dichlorobenzene	< .01	< .1	< .01	< .1	< 1	< .01	< .1	< 1
1,3-Dichloropropane	< .03	< .3	< .03	< .3	< 2.9	< .03	< .3	< 2.9
1,4-Dichlorobenzene	< .02	< .2	< .02	< .2	< 1.9	< .02	< .2	< 1.9
2,2-Dichloropropane	< .03	< .3	< .03	< .3	< 2.9	< .03	< .3	< 2.9
2-Butanone	< .04	< .4	< .04	< .4	< 3.8	< .04	< .4	< 3.8
2-Chlorotoluene	< .01	< .1	< .01	< .1	< 1	< .01	< .1	< 1
4-Chlorotoluene	< .01	< .1	< .01	< .1	< 1	< .01	< .1	< 1
Acetone	< .03	0.34	< .03	< .3	< 2.9	< .03	< .3	< 2.9
Benzene	0.05	0.34	0.15	< .3	< 2.9	0.13	< .3	< 2.9
Bromobenzene	< .01	< .1	< .01	< .1	< 1	< .01	< .1	< 1
Bromochloromethane	< .03	< .3	< .03	< .3	< 2.9	< .03	< .3	< 2.9
Bromodichloromethane	< .03	< .3	< .03	< .3	< 2.9	< .03	< .3	< 2.9
Bromoform	< .02	< .2	< .02	< .2	< 1.9	< .02	< .2	< 1.9
Bromomethane	< .03	< .3	< .03	< .3	< 2.9	< .03	< .3	2.9
Carbon Disulfide	< .04	< .4	0.05	< .4	< 3.8	< .04	< .4	< 3.8
Carbon Tetrachloride	5.3 J	6	31 J	74 J	98	29 J	68 J	91
Chlorobenzene	< .01	< .1	< .01	< .1	< 1	< .01	< .1	< 1
Chloroethane	< .08	< .81	< .08	< .81	< 7.6	< .08	< .81	< 7.6
Chloroform	0.3	0.35	7 J	9.4	11	7.4 J	9.1	10
Chloromethane	< .03	0.61	< .03	< .3	< 2.9	0.07	< .3	7.6
Dibromochloromethane	< .03	< .3	< .03	< .3	< 2.9	< .03	< .3	< 2.9
Dibromromethane	< .03	< .3	< .03	< .3	< 2.9	< .03	< .3	< 2.9

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TABLE D-1
Analytical Results for Soil-Gas Samples
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Sample Location: Sample Identification Number: Date Sampled:	SG000594 SGG0005JE**R 12/14/94	SG000694 SGG0006JE 12/6/94	SG000694 SGG0006JE* 12/6/94	SG000694 SGG0090JE-D 12/6/94	SG000694 SGG0090JE*-D 12/6/94	SG000794 SGG0007JE 12/6/94	SG000794 SGG0007JE* 12/6/94	SG000794 SGG0007JE**R 12/7/94
Dodecane	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	< 1	< .01	< .1	0.01	< .1	< .01	< .1	< .95
Hexachlorobutadiene	< 3.8	< .04	< .4	< .04	< .4	< .04	< .4	< 3.81
Isopropylbenzene	< 1	< .01	< .1	< .01	< .1	< .01	< .1	< .95
Methylene Chloride	< 2.9	< .03	< .3	< .03	< .3	< .03	< .3	< 2.86
Methylpropene	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	< 2.9	< .03	< .3	< .03	< .3	< .03	< .3	< 2.86
Styrene	< 3.8	< .04	< .4	< .04	< .4	< .04	< .4	< 3.81
Tetrachloroethene	< 1.9	0.17	0.64	0.52	0.67	0.24	1.8	< 1.9
Toluene	< 10.5	< .11	< 1.11	< .11	< 1.11	< .11	< 1.11	< 10.48
Total Xylenes	< 3.8	< .01	< .4	< .01	< .4	< .02	< .4	< 3.81
Trichloroethene	< 2.9	0.06	< .3	0.07	< .3	0.57	1.2	< 2.86
Trichlorofluoromethane	12	4.2 J	26	2.7	35	3.9	18	< 4.76
Vinyl Chloride	< 6.7	< .07	< .71	< .07	< .71	< .07	< .71	< 6.67
cis-1,2-Dichloroethene	< 2.9	< .03	< .3	< .03	< .3	0.09	< .3	< 2.86
cis-1,3-Dichloropropene	< 2.9	< .03	< .3	< .03	< .3	< .03	< .3	< 2.86
m & p-Xylenes	< 3.8	< .04	< .4	< .04	< .4	< .04	< .4	< 3.81
n-Butylbenzene	< 1.9	< .02	< .2	< .02	< .2	< .02	< .2	< 1.9
n-Propylbenzene	< 1	< .01	< .1	< .01	< .1	< .01	< .1	< .95
o-Xylene	< 1	0.01	< .1	0.01	< .1	0.02	< .1	< .95
p-Isopropyltoluene	< 1.9	< .02	< .2	< .02	< .2	< .02	< .2	< 1.9
s-Butylbenzene	< 1	< .01	< .1	< .01	< .1	< .01	< .1	< .95
t-Butylbenzene	< 1	< .01	< .1	< .01	< .1	< .01	< .1	< .95
trans-1,2-Dichloroethene	< 4.8	< .05	< .5	< .05	< .5	< .05	< .5	< 4.76
trans-1,3-Dichloropropene	< 2.9	< .03	< .3	< .03	< .3	< .03	< .3	< 2.86
Test Group:Gastech Units: ppm								
Hydrogen Sulfide								
Methane								

TABLE D-1
Analytical Results for Soil-Gas Samples
OU8 - IHSS 118.1
Rocky Flats Environmental Technology Site

Sample Location:	SG000594	SG000694	SG000694	SG000694	SG000694	SG000794	SG000794	SG000794
Sample Identification Number:	SGG0005JE**R	SGG0006JE	SGG0006JE*	SGG0090JE-D	SGG0090JE*-D	SGG0007JE	SGG0007JE*	SGG0007JE**R
Date Sampled:	12/14/94	12/6/94	12/6/94	12/6/94	12/6/94	12/6/94	12/6/94	12/7/94
Test Group:GC/MS Units: µg/L				DUP	DUP			
1,1,1,2-Tetrachloroethane	< 1.9	< .02	< .2	< .02	< .2	< .02	< .2	< 1.9
1,1,1-Trichloroethane	< 2.9	0.04	< .3	0.05	< .3	0.2	0.36	< 2.86
1,1,2,2-Tetrachloroethane	< 1.9	< .02	< .2	< .02	< .2	< .02	< .2	< 1.9
1,1,2-Trichloroethane	< 2.9	< .03	< .3	< .03	< .3	< .03	< .3	< 2.86
1,1-Dichloroethane	< 2.9	< .03	< .3	< .03	< .3	0.21	0.31	< 2.86
1,1-Dichloroethene	< 4.8	< .05	< .5	0.05	< .5	1	1.6	< 4.76
1,1-Dichloropropene	< 2.9	< .03	< .3	< .03	< .3	0.04	< .3	< 2.86
1,2,3-Trichlorobenzene	< 2.9	< .03	< .3	< .03	< .3	< .03	< .3	< 2.86
1,2,3-Trichloropropane	< 1.9	< .02	< .2	< .02	< .2	< .02	< .2	< 1.9
1,2,4-Trichlorobenzene	< 3.8	< .04	< .4	< .04	< .4	< .04	< .4	< 3.81
1,2,4-Trimethylbenzene	< 1	< .01	< .1	0.01	< .1	< .01	< .1	< .95
1,2-Dibromo-3-chloropropane	< 2.9	< .03	< .3	< .03	< .3	< .03	< .3	< 2.86
1,2-Dibromoethane	< 2.9	< .03	< .3	< .03	< .3	< .03	< .3	< 2.86
1,2-Dichlorobenzene	< 1.9	< .02	< .2	< .02	< .2	< .02	< .2	< 1.9
1,2-Dichloroethane	< 1.9	< .02	< .2	< .02	< .2	< .02	< .2	< 1.9
1,2-Dichloropropane	< 2.9	< .03	< .3	< .03	< .3	< .03	< .3	< 2.86
1,3,5-Trimethylbenzene	< 1	< .01	< .1	< .01	< .1	< .01	< .1	< .95
1,3-Dichlorobenzene	< 1	< .01	< .1	< .01	< .1	< .01	< .1	< .95
1,3-Dichloropropane	< 2.9	< .03	< .3	< .03	< .3	< .03	< .3	< 2.86
1,4-Dichlorobenzene	< 1.9	< .02	< .2	< .02	< .2	< .02	< .2	< 1.9
2,2-Dichloropropane	< 2.9	< .03	< .3	< .03	< .3	< .03	< .3	< 2.86
2-Butanone	< 3.8	< .04	< .4	< .04	< .4	< .04	< .4	< 3.81
2-Chlorotoluene	< 1	< .01	< .1	< .01	< .1	< .01	< .1	< .95
4-Chlorotoluene	< 1	< .01	< .1	< .01	< .1	< .01	< .1	< .95
Acetone	< 2.9	0.09	< .3	0.15	< .3	< .03	< .3	< 2.86
Benzene	< 2.9	< .03	< .3	0.03	< .3	< .03	0.31	< 2.86
Bromobenzene	< 1	< .01	< .1	< .01	< .1	< .01	< .1	< .95
Bromochloromethane	< 2.9	< .03	< .3	< .03	< .3	< .03	< .3	< 2.86
Bromodichloromethane	< 2.9	< .03	< .3	< .03	< .3	0.07	0.38	< 2.86
Bromoform	< 1.9	< .02	< .2	< .02	< .2	< .02	< .2	< 1.9
Bromomethane	< 2.9	< .03	< .3	< .03	< .3	< .03	< .3	< 2.86
Carbon Disulfide	< 3.8	< .04	< .4	< .04	< .4	< .04	< .4	< 3.81
Carbon Tetrachloride	16	18 J	26	19 J	24	100 J	430 J	38
Chlorobenzene	< 1	< .01	< .1	< .01	< .1	< .01	< .1	< .95
Chloroethane	< 7.6	< .08	< .81	< .08	< .81	< .08	< .81	< 7.62
Chloroform	< 2.9	2.9	3.4	2.7	3.1	57 J	270 J	24
Chloromethane	< 2.9	0.84	< .3	< .03	< .3	0.12	1.2	< 2.86
Dibromochloromethane	< 2.9	< .03	< .3	< .03	< .3	< .03	< .3	< 2.86
Dibromromethane	< 2.9	< .03	< .3	< .03	< .3	< .03	< .3	< 2.86
Dichlorodifluoromethane	< 3.8	0.32	< .4	< .04	< .4	0.61	2	< 3.81

TABLE D-1
Analytical Results for Soil-Gas Samples
OU8 - IHSS 118.1
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SG000194 SGG0001JER 12/14/94	SG000194 SGG0001JE*R 12/14/94	SG000194 SGG0098JE-EB 12/14/94	SG000294 SGG0002JE 12/6/94	SG000394 SGG0003JE 12/7/94	SG000494 SGG0004JE 12/7/94	SG000494 SGG0004JE**R 12/14/94	SG000594 SGG0005JE 12/6/94	SG000594 SGG0005JE* 12/6/94
Dodecane	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	0.01	< .1	< .01	0.02	< .01	0.01	< 1	< .01	< .1
Hexachlorobutadiene	< .04	< .4	< .04	< .04	< .04	< .04	< 3.8	< .04	< .4
Isopropylbenzene	< .01	< .1	< .01	< .01	< .01	< .01	< 1	< .01	< .1
Methylene Chloride	< .03	< .3	< .03	< .03	< .03	< .03	< 2.9	< .03	< .3
Methylpropene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	< .03	< .3	< .03	< .03	< .03	< .03	< 2.9	< .03	< .3
Styrene	< .04	< .4	< .04	< .04	< .04	< .04	< 3.8	< .04	< .4
Tetrachloroethene	< .02	< .2	< .02	< .02	< .02	2	< 1.9	0.15	0.26
Toluene	< .1	< 1.11	< .11	0.2	< .11	< .11	< 10.5	0.14	< 1.11
Total Xylenes	0.05	< .4	< .01	< .01	< .01	< .04	< 3.8	< .04	< .4
Trichloroethene	< .03	< .3	< .03	< .03	< .03	0.05	< 2.9	< .03	< .3
Trichlorofluoromethane	< .1	< .5	0.06	< .05	3.6	< .05	< 4.8	2.9	74 J
Vinyl Chloride	< .1	< .71	< .07	< .07	< .07	< .07	< 6.7	< .07	< .71
cis-1,2-Dichloroethene	< .03	< .3	< .03	< .03	< .03	< .03	< 2.9	< .03	1.1
cis-1,3-Dichloropropene	< .03	< .3	< .03	< .03	< .03	< .03	< 2.9	< .03	< .3
m & p-Xylenes	0.04	< .4	< .04	< .04	< .04	< .04	< 3.8	< .04	< .4
n-Butylbenzene	< .02	< .2	< .02	< .02	< .02	< .02	< 1.9	< .02	< .2
n-Propylbenzene	< .01	< .1	< .01	< .01	< .01	< .01	< 1	< .01	< .1
o-Xylene	0.01	< .1	0.01	0.01	0.01	< .01	< 1	< .01	< .1
p-Isopropyltoluene	< .02	< .2	< .02	< .02	< .02	< .02	< 1.9	< .02	< .2
s-Butylbenzene	< .01	< .1	< .01	< .01	< .01	< .01	< 1	< .01	< .1
t-Butylbenzene	< .01	< .1	< .01	< .01	< .01	< .01	< 1	< .01	< .1
trans-1,2-Dichloroethene	< .1	< .5	< .05	< .05	< .05	< .05	< 4.8	< .05	< .5
trans-1,3-Dichloropropene	< .03	< .3	< .03	< .03	< .03	< .03	< 2.9	< .03	< .3
Test Group:Gastech Units: ppm									
Hydrogen Sulfide									
Methane									

TABLE D-1
Analytical Results for Soil-Gas Samples
OU8 - IHSS 118.1
Rocky Flats Environmental Technology Site

Sample Location:	SG000194	SG000194	SG000194	SG000294	SG000394	SG000494	SG000494	SG000594	SG000594
Sample Identification Number:	SGG0001JER	SGG0001JE*R	SGG0098JE-EB	SGG0002JE	SGG0003JE	SGG0004JE	SGG0004JE**R	SGG0005JE	SGG0005JE*
Date Sampled:	12/14/94	12/14/94	12/14/94	12/6/94	12/7/94	12/7/94	12/14/94	12/6/94	12/6/94
Test Group:GC/MS Units: µg/L			EB						
1,1,1,2-Tetrachloroethane	< .02	< .2	< .02	< .02	< .02	< .02	< 1.9	< .02	< .2
1,1,1-Trichloroethane	5.8 J	8.6	< .03	< .03	< .03	0.06	< 2.9	0.04	< .3
1,1,2,2-Tetrachloroethane	< .02	< .2	< .02	< .02	< .02	< .02	< 1.9	< .02	< .2
1,1,2-Trichloroethane	< .03	< .3	< .03	< .03	< .03	< .03	< 2.9	< .03	< .3
1,1-Dichloroethane	< .03	< .3	0.05	< .03	< .03	< .03	< 2.9	< .03	0.35
1,1-Dichloroethene	0.08	< .5	< .05	< .05	< .05	0.06	< 4.8	< .05	1.3
1,1-Dichloropropene	< .03	< .3	< .03	< .03	< .03	< .03	< 2.9	< .03	< .3
1,2,3-Trichlorobenzene	< .03	< .3	< .03	< .03	< .03	< .03	< 2.9	< .03	< .3
1,2,3-Trichloropropane	< .02	< .2	< .02	< .02	< .02	< .02	< 1.9	< .02	< .2
1,2,4-Trichlorobenzene	< .04	< .4	< .04	< .04	< .04	< .04	< 3.8	< .04	< .4
1,2,4-Trimethylbenzene	0.01	< .1	0.01	< .01	< .01	< .01	< 1	0.01	< .1
1,2-Dibromo-3-chloropropane	< .03	< .3	< .03	< .03	< .03	< .03	< 2.9	< .03	< .3
1,2-Dibromoethane	< .03	< .3	< .03	< .03	< .03	< .03	< 2.9	< .03	< .3
1,2-Dichlorobenzene	< .02	< .2	< .02	< .02	< .02	< .02	< 1.9	< .02	< .2
1,2-Dichloroethane	< .02	< .2	< .02	< .02	< .02	< .02	< 1.9	< .02	< .2
1,2-Dichloropropane	< .03	< .3	< .03	< .03	< .03	< .03	< 2.9	< .03	< .3
1,3,5-Trimethylbenzene	< .01	< .1	< .01	< .01	< .01	< .01	< 1	< .01	< .1
1,3-Dichlorobenzene	< .01	< .1	< .01	< .01	< .01	< .01	< 1	< .01	< .1
1,3-Dichloropropane	< .03	< .3	< .03	< .03	< .03	< .03	< 2.9	< .03	< .3
1,4-Dichlorobenzene	< .02	< .2	< .02	< .02	< .02	< .02	< 1.9	< .02	< .2
2,2-Dichloropropane	< .03	< .3	< .03	< .03	< .03	< .03	< 2.9	< .03	< .3
2-Butanone	< .04	< .4	< .04	< .04	< .04	< .04	< 3.8	< .04	< .4
2-Chlorotoluene	< .01	< .1	< .01	< .01	< .01	< .01	< 1	< .01	< .1
4-Chlorotoluene	< .01	< .1	< .01	< .01	< .01	< .01	< 1	< .01	< .1
Acetone	< .03	0.45	< .03	0.46	< .03	< .03	< 2.9	< .03	2.1
Benzene	0.09	< .3	0.03	0.13	0.04	< .03	< 2.9	0.08	0.41
Bromobenzene	< .01	< .1	< .01	< .01	< .01	< .01	< 1	< .01	< .1
Bromochloromethane	< .03	< .3	< .03	< .03	< .03	< .03	< 2.9	< .03	< .3
Bromodichloromethane	< .03	< .3	< .03	< .03	< .03	< .03	< 2.9	< .03	< .3
Bromoform	< .02	< .2	< .02	< .02	< .02	< .02	< 1.9	< .02	< .2
Bromomethane	< .03	< .3	< .03	< .03	< .03	< .03	< 2.9	< .03	< .3
Carbon Disulfide	< .04	< .4	< .04	< .04	< .04	< .04	< 3.8	< .04	< .4
Carbon Tetrachloride	0.77	1.2	< .03	0.45	0.14	110 J	210	5 J	7.4
Chlorobenzene	< .01	< .1	< .01	< .01	< .01	< .01	< 1	< .01	< .1
Chloroethane	< .1	< .81	< .08	< .08	< .08	< .08	< 7.6	< .08	< .81
Chloroform	0.16	< .3	< .03	0.05	0.04	26 J	23	2.2	3.1
Chloromethane	< .03	< .3	< .03	< .03	< .03	< .03	< 2.9	< .03	< .3
Dibromochloromethane	< .03	< .3	< .03	< .03	< .03	< .03	< 2.9	< .03	< .3
Dibromromethane	< .03	< .3	< .03	< .03	< .03	< .03	< 2.9	< .03	< .3
Dichlorodifluoromethane	< .04	< .4	< .04	< .04	< .04	< .04	< 3.8	< .04	< .4

APPENDIX D

Analytical Results for Soil-Gas Samples

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APPENDIX D
LIST OF TABLES

D-1 Analytical Results for Soil-Gas Samples, OU8 - IHSS 118.1
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APPENDIX D LEGEND

OU	=	operable unit
IHSS	=	Individual Hazardous Substance Site
ppm	=	parts per million
J	=	estimated value
NA	=	not analyzed
DUP	=	duplicate system
µg/L	=	micrograms per liter

Sample Identification Number Suffixes:

EB	=	equipment blank
R	=	resample
*	=	100 milliliter sample
**	=	10 milliliter sample

TABLE D-1
Analytical Results for Soil-Gas Samples
OU8 - IHSS 118.1
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SG000194 SGG0001JER 12/14/94	SG000194 SGG0001JE*R 12/14/94	SG000194 SGG0098JE-EB 12/14/94	SG000294 SGG0002JE 12/6/94	SG000394 SGG0003JE 12/7/94	SG000494 SGG0004JE 12/7/94	SG000494 SGG0004JE**R 12/14/94	SG000594 SGG0005JE 12/6/94	SG000594 SGG0005JE* 12/6/94
Test Group:GC/MS Units: µg/L			EB						
1,1,1,2-Tetrachloroethane	< .02	< .2	< .02	< .02	< .02	< .02	< 1.9	< .02	< .2
1,1,1-Trichloroethane	5.8 J	8.6	< .03	< .03	< .03	0.06	< 2.9	0.04	< .3
1,1,2,2-Tetrachloroethane	< .02	< .2	< .02	< .02	< .02	< .02	< 1.9	< .02	< .2
1,1,2-Trichloroethane	< .03	< .3	< .03	< .03	< .03	< .03	< 2.9	< .03	< .3
1,1-Dichloroethane	< .03	< .3	0.05	< .03	< .03	< .03	< 2.9	< .03	0.35
1,1-Dichloroethene	0.08	< .5	< .05	< .05	< .05	0.06	< 4.8	< .05	1.3
1,1-Dichloropropene	< .03	< .3	< .03	< .03	< .03	< .03	< 2.9	< .03	< .3
1,2,3-Trichlorobenzene	< .03	< .3	< .03	< .03	< .03	< .03	< 2.9	< .03	< .3
1,2,3-Trichloropropane	< .02	< .2	< .02	< .02	< .02	< .02	< 1.9	< .02	< .2
1,2,4-Trichlorobenzene	< .04	< .4	< .04	< .04	< .04	< .04	< 3.8	< .04	< .4
1,2,4-Trimethylbenzene	0.01	< .1	0.01	< .01	< .01	< .01	< 1	0.01	< .1
1,2-Dibromo-3-chloropropane	< .03	< .3	< .03	< .03	< .03	< .03	< 2.9	< .03	< .3
1,2-Dibromoethane	< .03	< .3	< .03	< .03	< .03	< .03	< 2.9	< .03	< .3
1,2-Dichlorobenzene	< .02	< .2	< .02	< .02	< .02	< .02	< 1.9	< .02	< .2
1,2-Dichloroethane	< .02	< .2	< .02	< .02	< .02	< .02	< 1.9	< .02	< .2
1,2-Dichloropropane	< .03	< .3	< .03	< .03	< .03	< .03	< 2.9	< .03	< .3
1,3,5-Trimethylbenzene	< .01	< .1	< .01	< .01	< .01	< .01	< 1	< .01	< .1
1,3-Dichlorobenzene	< .01	< .1	< .01	< .01	< .01	< .01	< 1	< .01	< .1
1,3-Dichloropropane	< .03	< .3	< .03	< .03	< .03	< .03	< 2.9	< .03	< .3
1,4-Dichlorobenzene	< .02	< .2	< .02	< .02	< .02	< .02	< 1.9	< .02	< .2
2,2-Dichloropropane	< .03	< .3	< .03	< .03	< .03	< .03	< 2.9	< .03	< .3
2-Butanone	< .04	< .4	< .04	< .04	< .04	< .04	< 3.8	< .04	< .4
2-Chlorotoluene	< .01	< .1	< .01	< .01	< .01	< .01	< 1	< .01	< .1
4-Chlorotoluene	< .01	< .1	< .01	< .01	< .01	< .01	< 1	< .01	< .1
Acetone	< .03	0.45	< .03	0.46	< .03	< .03	< 2.9	< .03	2.1
Benzene	0.09	< .3	0.03	0.13	0.04	< .03	< 2.9	0.08	0.41
Bromobenzene	< .01	< .1	< .01	< .01	< .01	< .01	< 1	< .01	< .1
Bromochloromethane	< .03	< .3	< .03	< .03	< .03	< .03	< 2.9	< .03	< .3
Bromodichloromethane	< .03	< .3	< .03	< .03	< .03	< .03	< 2.9	< .03	< .3
Bromoform	< .02	< .2	< .02	< .02	< .02	< .02	< 1.9	< .02	< .2
Bromomethane	< .03	< .3	< .03	< .03	< .03	< .03	< 2.9	< .03	< .3
Carbon Disulfide	< .04	< .4	< .04	< .04	< .04	< .04	< 3.8	< .04	< .4
Carbon Tetrachloride	0.77	1.2	< .03	0.45	0.14	110 J	210	5 J	7.4
Chlorobenzene	< .01	< .1	< .01	< .01	< .01	< .01	< 1	< .01	< .1
Chloroethane	< .1	< .81	< .08	< .08	< .08	< .08	< 7.6	< .08	< .81
Chloroform	0.16	< .3	< .03	0.05	0.04	26 J	23	2.2	3.1
Chloromethane	< .03	< .3	< .03	< .03	< .03	< .03	< 2.9	< .03	< .3
Dibromochloromethane	< .03	< .3	< .03	< .03	< .03	< .03	< 2.9	< .03	< .3
Dibromromethane	< .03	< .3	< .03	< .03	< .03	< .03	< 2.9	< .03	< .3
Dichlorodifluoromethane	< .04	< .4	< .04	< .04	< .04	< .04	< 3.8	< .04	< .4

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TABLE D-1
Analytical Results for Soil-Gas Samples
OU8 - IHSS 118.1
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SG000194 SGG0001JER 12/14/94	SG000194 SGG0001JE*R 12/14/94	SG000194 SGG0098JE-EB 12/14/94	SG000294 SGG0002JE 12/6/94	SG000394 SGG0003JE 12/7/94	SG000494 SGG0004JE 12/7/94	SG000494 SGG0004JE**R 12/14/94	SG000594 SGG0005JE 12/6/94	SG000594 SGG0005JE* 12/6/94
Dodecane	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	0.01	< .1	< .01	0.02	< .01	0.01	< 1	< .01	< .1
Hexachlorobutadiene	< .04	< .4	< .04	< .04	< .04	< .04	< 3.8	< .04	< .4
Isopropylbenzene	< .01	< .1	< .01	< .01	< .01	< .01	< 1	< .01	< .1
Methylene Chloride	< .03	< .3	< .03	< .03	< .03	< .03	< 2.9	< .03	< .3
Methylpropene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	< .03	< .3	< .03	< .03	< .03	< .03	< 2.9	< .03	< .3
Styrene	< .04	< .4	< .04	< .04	< .04	< .04	< 3.8	< .04	< .4
Tetrachloroethene	< .02	< .2	< .02	< .02	< .02	2	< 1.9	0.15	0.26
Toluene	< .1	< 1.11	< .11	0.2	< .11	< .11	< 10.5	0.14	< 1.11
Total Xylenes	0.05	< .4	< .01	< .01	< .01	< .04	< 3.8	< .04	< .4
Trichloroethene	< .03	< .3	< .03	< .03	< .03	0.05	< 2.9	< .03	< .3
Trichlorofluoromethane	< .1	< .5	0.06	< .05	3.6	< .05	< 4.8	2.9	74 J
Vinyl Chloride	< .1	< .71	< .07	< .07	< .07	< .07	< 6.7	< .07	< .71
cis-1,2-Dichloroethene	< .03	< .3	< .03	< .03	< .03	< .03	< 2.9	< .03	1.1
cis-1,3-Dichloropropene	< .03	< .3	< .03	< .03	< .03	< .03	< 2.9	< .03	< .3
m & p-Xylenes	0.04	< .4	< .04	< .04	< .04	< .04	< 3.8	< .04	< .4
n-Butylbenzene	< .02	< .2	< .02	< .02	< .02	< .02	< 1.9	< .02	< .2
n-Propylbenzene	< .01	< .1	< .01	< .01	< .01	< .01	< 1	< .01	< .1
o-Xylene	0.01	< .1	0.01	0.01	0.01	< .01	< 1	< .01	< .1
p-Isopropyltoluene	< .02	< .2	< .02	< .02	< .02	< .02	< 1.9	< .02	< .2
s-Butylbenzene	< .01	< .1	< .01	< .01	< .01	< .01	< 1	< .01	< .1
t-Butylbenzene	< .01	< .1	< .01	< .01	< .01	< .01	< 1	< .01	< .1
trans-1,2-Dichloroethene	< .1	< .5	< .05	< .05	< .05	< .05	< 4.8	< .05	< .5
trans-1,3-Dichloropropene	< .03	< .3	< .03	< .03	< .03	< .03	< 2.9	< .03	< .3
Test Group:Gastech Units: ppm									
Hydrogen Sulfide									
Methane									

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TABLE D-1
Analytical Results for Soil-Gas Samples
OU8 - IHSS 118.1
Rocky Flats Environmental Technology Site

Sample Location:	SG000594	SG000694	SG000694	SG000694	SG000694	SG000794	SG000794	SG000794
Sample Identification Number:	SGG0005JE**R	SGG0006JE	SGG0006JE*	SGG0090JE-D	SGG0090JE*-D	SGG0007JE	SGG0007JE*	SGG0007JE**R
Date Sampled:	12/14/94	12/6/94	12/6/94	12/6/94	12/6/94	12/6/94	12/6/94	12/7/94
Test Group:GC/MS Units: µg/L				DUP	DUP			
1,1,1,2-Tetrachloroethane	< 1.9	< .02	< .2	< .02	< .2	< .02	< .2	< 1.9
1,1,1-Trichloroethane	< 2.9	0.04	< .3	0.05	< .3	0.2	0.36	< 2.86
1,1,2,2-Tetrachloroethane	< 1.9	< .02	< .2	< .02	< .2	< .02	< .2	< 1.9
1,1,2-Trichloroethane	< 2.9	< .03	< .3	< .03	< .3	< .03	< .3	< 2.86
1,1-Dichloroethane	< 2.9	< .03	< .3	< .03	< .3	0.21	0.31	< 2.86
1,1-Dichloroethene	< 4.8	< .05	< .5	0.05	< .5	1	1.6	< 4.76
1,1-Dichloropropene	< 2.9	< .03	< .3	< .03	< .3	0.04	< .3	< 2.86
1,2,3-Trichlorobenzene	< 2.9	< .03	< .3	< .03	< .3	< .03	< .3	< 2.86
1,2,3-Trichloropropane	< 1.9	< .02	< .2	< .02	< .2	< .02	< .2	< 1.9
1,2,4-Trichlorobenzene	< 3.8	< .04	< .4	< .04	< .4	< .04	< .4	< 3.81
1,2,4-Trimethylbenzene	< 1	< .01	< .1	0.01	< .1	< .01	< .1	< .95
1,2-Dibromo-3-chloropropane	< 2.9	< .03	< .3	< .03	< .3	< .03	< .3	< 2.86
1,2-Dibromoethane	< 2.9	< .03	< .3	< .03	< .3	< .03	< .3	< 2.86
1,2-Dichlorobenzene	< 1.9	< .02	< .2	< .02	< .2	< .02	< .2	< 1.9
1,2-Dichloroethane	< 1.9	< .02	< .2	< .02	< .2	< .02	< .2	< 1.9
1,2-Dichloropropane	< 2.9	< .03	< .3	< .03	< .3	< .03	< .3	< 2.86
1,3,5-Trimethylbenzene	< 1	< .01	< .1	< .01	< .1	< .01	< .1	< .95
1,3-Dichlorobenzene	< 1	< .01	< .1	< .01	< .1	< .01	< .1	< .95
1,3-Dichloropropane	< 2.9	< .03	< .3	< .03	< .3	< .03	< .3	< 2.86
1,4-Dichlorobenzene	< 1.9	< .02	< .2	< .02	< .2	< .02	< .2	< 1.9
2,2-Dichloropropane	< 2.9	< .03	< .3	< .03	< .3	< .03	< .3	< 2.86
2-Butanone	< 3.8	< .04	< .4	< .04	< .4	< .04	< .4	< 3.81
2-Chlorotoluene	< 1	< .01	< .1	< .01	< .1	< .01	< .1	< .95
4-Chlorotoluene	< 1	< .01	< .1	< .01	< .1	< .01	< .1	< .95
Acetone	< 2.9	0.09	< .3	0.15	< .3	< .03	< .3	< 2.86
Benzene	< 2.9	< .03	< .3	0.03	< .3	< .03	0.31	< 2.86
Bromobenzene	< 1	< .01	< .1	< .01	< .1	< .01	< .1	< .95
Bromochloromethane	< 2.9	< .03	< .3	< .03	< .3	< .03	< .3	< 2.86
Bromodichloromethane	< 2.9	< .03	< .3	< .03	< .3	0.07	0.38	< 2.86
Bromoform	< 1.9	< .02	< .2	< .02	< .2	< .02	< .2	< 1.9
Bromomethane	< 2.9	< .03	< .3	< .03	< .3	< .03	< .3	< 2.86
Carbon Disulfide	< 3.8	< .04	< .4	< .04	< .4	< .04	< .4	< 3.81
Carbon Tetrachloride	16	18 J	26	19 J	24	100 J	430 J	38
Chlorobenzene	< 1	< .01	< .1	< .01	< .1	< .01	< .1	< .95
Chloroethane	< 7.6	< .08	< .81	< .08	< .81	< .08	< .81	< 7.62
Chloroform	< 2.9	2.9	3.4	2.7	3.1	57 J	270 J	24
Chloromethane	< 2.9	0.84	< .3	< .03	< .3	0.12	1.2	< 2.86
Dibromochloromethane	< 2.9	< .03	< .3	< .03	< .3	< .03	< .3	< 2.86
Dibromromethane	< 2.9	< .03	< .3	< .03	< .3	< .03	< .3	< 2.86
Dichlorodifluoromethane	< 3.8	0.32	< .4	< .04	< .4	0.61	2	< 3.81

TABLE D-1
Analytical Results for Soil-Gas Samples
OU8 - IHSS 118.1
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SG000594 SGG0005JE**R 12/14/94	SG000694 SGG0006JE 12/6/94	SG000694 SGG0006JE* 12/6/94	SG000694 SGG0090JE-D 12/6/94	SG000694 SGG0090JE*-D 12/6/94	SG000794 SGG0007JE 12/6/94	SG000794 SGG0007JE* 12/6/94	SG000794 SGG0007JE**R 12/7/94
Dodecane	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	< 1	< .01	< .1	0.01	< .1	< .01	< .1	< .95
Hexachlorobutadiene	< 3.8	< .04	< .4	< .04	< .4	< .04	< .4	< 3.81
Isopropylbenzene	< 1	< .01	< .1	< .01	< .1	< .01	< .1	< .95
Methylene Chloride	< 2.9	< .03	< .3	< .03	< .3	< .03	< .3	< 2.86
Methylpropene	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	< 2.9	< .03	< .3	< .03	< .3	< .03	< .3	< 2.86
Styrene	< 3.8	< .04	< .4	< .04	< .4	< .04	< .4	< 3.81
Tetrachloroethene	< 1.9	0.17	0.64	0.52	0.67	0.24	1.8	< 1.9
Toluene	< 10.5	< .11	< 1.11	< .11	< 1.11	< .11	< 1.11	< 10.48
Total Xylenes	< 3.8	< .01	< .4	< .01	< .4	< .02	< .4	< 3.81
Trichloroethene	< 2.9	0.06	< .3	0.07	< .3	0.57	1.2	< 2.86
Trichlorofluoromethane	12	4.2 J	26	2.7	35	3.9	18	< 4.76
Vinyl Chloride	< 6.7	< .07	< .71	< .07	< .71	< .07	< .71	< 6.67
cis-1,2-Dichloroethene	< 2.9	< .03	< .3	< .03	< .3	0.09	< .3	< 2.86
cis-1,3-Dichloropropene	< 2.9	< .03	< .3	< .03	< .3	< .03	< .3	< 2.86
m & p-Xylenes	< 3.8	< .04	< .4	< .04	< .4	< .04	< .4	< 3.81
n-Butylbenzene	< 1.9	< .02	< .2	< .02	< .2	< .02	< .2	< 1.9
n-Propylbenzene	< 1	< .01	< .1	< .01	< .1	< .01	< .1	< .95
o-Xylene	< 1	0.01	< .1	0.01	< .1	0.02	< .1	< .95
p-Isopropyltoluene	< 1.9	< .02	< .2	< .02	< .2	< .02	< .2	< 1.9
s-Butylbenzene	< 1	< .01	< .1	< .01	< .1	< .01	< .1	< .95
t-Butylbenzene	< 1	< .01	< .1	< .01	< .1	< .01	< .1	< .95
trans-1,2-Dichloroethene	< 4.8	< .05	< .5	< .05	< .5	< .05	< .5	< 4.76
trans-1,3-Dichloropropene	< 2.9	< .03	< .3	< .03	< .3	< .03	< .3	< 2.86
Test Group:Gastech Units: ppm								
Hydrogen Sulfide								
Methane								

TABLE D-2
Analytical Results for Soil-Gas Samples
OU8 - IHSS 118.2
Rocky Flats Environmental Technology Site

Sample Location:	SG001094	SG001094	SG001194	SG001194	SG001194	SG001194	SG001194	SG001194
Sample Identification Number:	SGG0010JE	SGG0010JE*	SGG0011JE	SGG0011JE*	SGG0011JE**	SGG0094JE-D	SGG0094JE*-D	SGG0094JE**-D
Date Sampled:	12/8/94	12/8/94	12/8/94	12/8/94	12/8/94	12/8/94	12/8/94	12/8/94
Test Group:GC/MS Units: µg/L						DUP	DUP	DUP
1,1,1,2-Tetrachloroethane	< .02	< .2	< .02	< .2	< 1.9	< .02	< .2	< 1.9
1,1,1-Trichloroethane	< .03	< .3	< .03	< .3	< 2.9	< .03	< .3	< 2.9
1,1,2,2-Tetrachloroethane	< .02	< .2	< .02	< .2	< 1.9	< .02	< .2	< 1.9
1,1,2-Trichloroethane	< .03	< .3	< .03	< .3	< 2.9	< .03	< .3	< 2.9
1,1-Dichloroethane	< .03	< .3	< .03	< .3	< 2.9	< .03	< .3	< 2.9
1,1-Dichloroethene	< .05	< .5	< .05	< .5	< 4.8	< .05	< .5	< 4.8
1,1-Dichloropropene	< .03	< .3	< .03	< .3	< 2.9	< .03	< .3	< 2.9
1,2,3-Trichlorobenzene	< .03	< .3	< .03	< .3	< 2.9	< .03	< .3	< 2.9
1,2,3-Trichloropropane	< .02	< .2	< .02	< .2	< 1.9	< .02	< .2	< 1.9
1,2,4-Trichlorobenzene	< .04	< .4	< .04	< .4	< 3.8	< .04	< .4	< 3.8
1,2,4-Trimethylbenzene	< .01	< .1	< .01	< .1	< 1	< .01	< .1	< 1
1,2-Dibromo-3-chloropropane	< .03	< .3	< .03	< .3	< 2.9	< .03	< .3	< 2.9
1,2-Dibromoethane	< .03	< .3	< .03	< .3	< 2.9	< .03	< .3	< 2.9
1,2-Dichlorobenzene	< .02	< .2	< .02	< .2	< 1.9	< .02	< .2	< 1.9
1,2-Dichloroethane	< .02	< .2	< .02	< .2	< 1.9	< .02	< .2	< 1.9
1,2-Dichloropropane	< .03	< .3	< .03	< .3	< 2.9	< .03	< .3	< 2.9
1,3,5-Trimethylbenzene	< .01	< .1	< .01	< .1	< 1	< .01	< .1	< 1
1,3-Dichlorobenzene	< .01	< .1	< .01	< .1	< 1	< .01	< .1	< 1
1,3-Dichloropropane	< .03	< .3	< .03	< .3	< 2.9	< .03	< .3	< 2.9
1,4-Dichlorobenzene	< .02	< .2	< .02	< .2	< 1.9	< .02	< .2	< 1.9
2,2-Dichloropropane	< .03	< .3	< .03	< .3	< 2.9	< .03	< .3	< 2.9
2-Butanone	< .04	< .4	< .04	< .4	< 3.8	< .04	< .4	< 3.8
2-Chlorotoluene	< .01	< .1	< .01	< .1	< 1	< .01	< .1	< 1
4-Chlorotoluene	< .01	< .1	< .01	< .1	< 1	< .01	< .1	< 1
Acetone	< .03	0.34	< .03	< .3	< 2.9	< .03	< .3	< 2.9
Benzene	0.05	0.34	0.15	< .3	< 2.9	0.13	< .3	< 2.9
Bromobenzene	< .01	< .1	< .01	< .1	< 1	< .01	< .1	< 1
Bromochloromethane	< .03	< .3	< .03	< .3	< 2.9	< .03	< .3	< 2.9
Bromodichloromethane	< .03	< .3	< .03	< .3	< 2.9	< .03	< .3	< 2.9
Bromoform	< .02	< .2	< .02	< .2	< 1.9	< .02	< .2	< 1.9
Bromomethane	< .03	< .3	< .03	< .3	< 2.9	< .03	< .3	2.9
Carbon Disulfide	< .04	< .4	0.05	< .4	< 3.8	< .04	< .4	< 3.8
Carbon Tetrachloride	5.3 J	6	31 J	74 J	98	29 J	68 J	91
Chlorobenzene	< .01	< .1	< .01	< .1	< 1	< .01	< .1	< 1
Chloroethane	< .08	< .81	< .08	< .81	< 7.6	< .08	< .81	< 7.6
Chloroform	0.3	0.35	7 J	9.4	11	7.4 J	9.1	10
Chloromethane	< .03	0.61	< .03	< .3	< 2.9	0.07	< .3	7.6
Dibromochloromethane	< .03	< .3	< .03	< .3	< 2.9	< .03	< .3	< 2.9
Dibromromethane	< .03	< .3	< .03	< .3	< 2.9	< .03	< .3	< 2.9

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TABLE D-2
Analytical Results for Soil-Gas Samples
OU8 - IHSS 118.2
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SG001094 SGG0010JE 12/8/94	SG001094 SGG0010JE* 12/8/94	SG001194 SGG0011JE 12/8/94	SG001194 SGG0011JE* 12/8/94	SG001194 SGG0011JE** 12/8/94	SG001194 SGG0094JE-D 12/8/94	SG001194 SGG0094JE*-D 12/8/94	SG001194 SGG0094JE**-D 12/8/94
Dichlorodifluoromethane	0.4	< .4	< .04	< .4	< 3.8	< .04	< .4	< 3.8
Dodecane	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	0.02	< .1	0.01	< .1	< 1	0.01	< .1	< 1
Hexachlorobutadiene	< .04	< .4	< .04	< .4	< 3.8	< .04	< .4	< 3.8
Isopropylbenzene	< .01	< .1	< .01	< .1	< 1	< .01	< .1	< 1
Methylene Chloride	< .03	< .3	< .03	< .3	< 2.9	< .03	< .3	< 2.9
Methylpropene	< .91	NA	NA	< .6	NA	NA	NA	NA
Naphthalene	< .03	< .3	< .03	< .3	< 2.9	< .03	< .3	< 2.9
Styrene	< .04	< .4	< .04	< .4	< 3.8	< .04	< .4	< 3.8
Tetrachloroethene	1.2	1.6	0.46	2.5	2.7	1.8	2.5	2.5
Toluene	0.83	1.2	0.14	< 1.11	< 10.5	0.15	< 1.11	< 10.5
Total Xylenes	0.06	< .4	< .04	< .4	< 3.8	< .04	< .4	< 3.8
Trichloroethene	3	3.3	5.1 J	6.6	7.5	4.7 J	6.1	6.4
Trichlorofluoromethane	< .05	< .5	< .05	< .5	< 4.8	0.13	< .5	< 4.8
Vinyl Chloride	< .07	< .71	< .07	< .71	< 6.7	< .07	< .71	< 6.7
cis-1,2-Dichloroethene	0.12	< .3	0.21	< .3	< 2.9	0.18	< .3	< 2.9
cis-1,3-Dichloropropene	< .03	< .3	< .03	< .3	< 2.9	< .03	< .3	< 2.9
m & p-Xylenes	0.05	< .4	< .04	< .4	< 3.8	< .04	< .4	< 3.8
n-Butylbenzene	< .02	< .2	< .02	< .2	< 1.9	< .02	< .2	< 1.9
n-Propylbenzene	< .01	< .1	< .01	< .1	< 1	< .01	< .1	< 1
o-Xylene	0.01	< .1	< .01	< .1	< 1	< .01	< .1	< 1
p-Isopropyltoluene	< .02	< .2	< .02	< .2	< 1.9	< .02	< .2	< 1.9
s-Butylbenzene	< .01	< .1	< .01	< .1	< 1	< .01	< .1	< 1
t-Butylbenzene	< .01	< .1	< .01	< .1	< 1	< .01	< .1	< 1
trans-1,2-Dichloroethene	< .05	< .5	< .05	< .5	< 4.8	< .05	< .5	< 4.8
trans-1,3-Dichloropropene	< .03	< .3	< .03	< .3	< 2.9	< .03	< .3	< 2.9
Test Group:Gastech Units: ppm								
Hydrogen Sulfide								
Methane								

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TABLE D-2
Analytical Results for Soil-Gas Samples
OU8 - IHSS 118.2
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Sample Location: Sample Identification Number: Date Sampled:	SG001294 SGG0012JE 12/8/94	SG001294 SGG0012JE** 12/8/94	SG001394 SGG0013JE 12/8/94	SG001394 SGG0013JE* 12/8/94	SG001394 SGG0093JE-EB 12/8/94	SG001494 SGG0014JE 12/8/94
Test Group:GC/MS Units: µg/L					EB	
1,1,1,2-Tetrachloroethane	< .02	< 1.9	< .02	< .2	< .02	< .02
1,1,1-Trichloroethane	< .03	< 2.9	< .03	< .3	< .03	< .03
1,1,2,2-Tetrachloroethane	< .02	< 1.9	< .02	< .2	< .02	< .02
1,1,2-Trichloroethane	< .03	< 2.9	< .03	< .3	< .03	< .03
1,1-Dichloroethane	< .03	< 2.9	< .03	< .3	< .03	< .03
1,1-Dichloroethene	< .05	< 4.8	< .05	< .5	< .05	< .05
1,1-Dichloropropene	< .03	< 2.9	< .03	< .3	< .03	< .03
1,2,3-Trichlorobenzene	< .03	< 2.9	< .03	< .3	< .03	< .03
1,2,3-Trichloropropane	< .02	< 1.9	< .02	< .2	< .02	< .02
1,2,4-Trichlorobenzene	< .04	< 3.8	< .04	< .4	< .04	< .04
1,2,4-Trimethylbenzene	< .01	< 1	< .01	< .1	< .01	< .01
1,2-Dibromo-3-chloropropane	< .03	< 2.9	< .03	< .3	< .03	< .03
1,2-Dibromoethane	< .03	< 2.9	< .03	< .3	< .03	< .03
1,2-Dichlorobenzene	< .02	< 1.9	< .02	< .2	< .02	< .02
1,2-Dichloroethane	< .02	< 1.9	< .02	< .2	< .02	< .02
1,2-Dichloropropane	< .03	< 2.9	< .03	< .3	< .03	< .03
1,3,5-Trimethylbenzene	< .01	< 1	< .01	< .1	< .01	< .01
1,3-Dichlorobenzene	< .01	< 1	< .01	< .1	< .01	< .01
1,3-Dichloropropane	< .03	< 2.9	< .03	< .3	< .03	< .03
1,4-Dichlorobenzene	< .02	< 1.9	< .02	< .2	< .02	< .02
2,2-Dichloropropane	< .03	< 2.9	< .03	< .3	< .03	< .03
2-Butanone	< .04	< 3.8	< .04	< .4	< .04	< .04
2-Chlorotoluene	< .01	< 1	< .01	< .1	< .01	< .01
4-Chlorotoluene	< .01	< 1	< .01	< .1	< .01	< .01
Acetone	< .03	< 2.9	< .03	0.35	< .03	< .03
Benzene	0.05	3.7	0.1	< .3	< .03	0.15
Bromobenzene	< .01	< 1	< .01	< .1	< .01	< .01
Bromochloromethane	< .03	< 2.9	< .03	< .3	< .03	< .03
Bromodichloromethane	< .03	< 2.9	< .03	< .3	< .03	< .03
Bromoform	< .02	< 1.9	< .02	< .2	< .02	< .02
Bromomethane	< .03	< 2.9	< .03	< .3	< .03	< .03
Carbon Disulfide	< .04	< 3.8	0.06	< .4	< .04	< .04
Carbon Tetrachloride	79 J	1000 J	10 J	10	1.6	3
Chlorobenzene	< .01	< 1	< .01	< .1	< .01	< .01
Chloroethane	< .08	< 7.6	< .08	< .81	< .08	< .08
Chloroform	16 J	28	2.3	2.3	< .03	0.42
Chloromethane	1.5	< 2.9	< .03	< .3	< .03	< .03
Dibromochloromethane	< .03	< 2.9	< .03	< .3	< .03	< .03
Dibromromethane	< .03	< 2.9	< .03	< .3	< .03	< .03

TABLE D-2
Analytical Results for Soil-Gas Samples
OU8 - IHSS 118.2
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SG001294 SGG0012JE 12/8/94	SG001294 SGG0012JE** 12/8/94	SG001394 SGG0013JE 12/8/94	SG001394 SGG0013JE* 12/8/94	SG001394 SGG0093JE-EB 12/8/94	SG001494 SGG0014JE 12/8/94
Dichlorodifluoromethane	< .04	< 3.8	< .04	< .4	< .04	< .04
Dodecane	NA	< .53	NA	NA	NA	NA
Ethylbenzene	< .01	< 1	< .01	< .1	< .01	0.03
Hexachlorobutadiene	< .04	< 3.8	< .04	< .4	< .04	< .04
Isopropylbenzene	< .01	< 1	< .01	< .1	< .01	< .01
Methylene Chloride	< .03	< 2.9	< .03	< .3	< .03	< .03
Methylpropene	NA	NA	NA	NA	NA	NA
Naphthalene	< .03	< 2.9	< .03	< .3	< .03	< .03
Styrene	< .04	< 3.8	< .04	< .4	< .04	< .04
Tetrachloroethene	0.2	< 1.9	0.14	0.52	< .02	0.63
Toluene	0.11	< 10.5	< .11	< 1.11	< .11	2.7
Total Xylenes	< .04	< 3.8	< .04	< .4	< .04	< .05
Trichloroethene	11 J	17	4.8 J	5.6	< .03	1.8
Trichlorofluoromethane	< .05	< 4.8	< .05	< .5	< .05	0.33
Vinyl Chloride	< .07	< 6.7	< .07	< .71	< .07	< .07
cis-1,2-Dichloroethene	0.31	< 2.9	0.11	< .3	< .03	0.09
cis-1,3-Dichloropropene	< .03	< 2.9	< .03	< .3	< .03	< .03
m & p-Xylenes	< .04	< 3.8	< .04	< .4	< .04	0.05
n-Butylbenzene	< .02	< 1.9	< .02	< .2	< .02	< .02
n-Propylbenzene	< .01	< 1	< .01	< .1	< .01	< .01
o-Xylene	< .01	< 1	< .01	< .1	< .01	< .01
p-Isopropyltoluene	< .02	< 1.9	< .02	< .2	< .02	< .02
s-Butylbenzene	< .01	< 1	< .01	< .1	< .01	< .01
t-Butylbenzene	< .01	< 1	< .01	< .1	< .01	< .01
trans-1,2-Dichloroethene	< .05	< 4.8	< .05	< .5	< .05	< .05
trans-1,3-Dichloropropene	< .03	< 2.9	< .03	< .3	< .03	< .03
Test Group:Gastech Units: ppm						
Hydrogen Sulfide						
Methane						

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TABLE D-3
Analytical Results for Soil-Gas Samples
OU8 - IHSS 123.1
Rocky Flats Environmental Technology Site

Sample Location:	SG001694	SG001794	SG001794	SG001894	SG001994	SG002094	SG002094	SG002194	SG002194
Sample Identification Number:	SGG0016JE	SGG0017JE	SGG0151JER	SGG0018JE	SGG0019JE	SGG0020JE	SGG0152JER	SGG0021JE	SGG0101JE-EB
Date Sampled:	11/8/94	11/8/94	2/21/95	11/8/94	11/8/94	11/8/94	2/21/95	11/8/94	2/21/95
Test Group:GC/MS Units: µg/L									EB
1,1,1,2-Tetrachloroethane	< .02	< .02	< .5	< .02	< .02	< .02	< .5	< .02	< .5
1,1,1-Trichloroethane	< .03	< .03	< .5	0.08	< .03	< .03	< .5	< .03	< .5
1,1,2,2-Tetrachloroethane	< .02	< .02	< .5	< .02	< .02	< .02	< .5	< .02	< .5
1,1,2-Trichloroethane	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	< .5
1,1-Dichloroethane	< .03	0.05	0.04	< .03	< .03	< .03	< .5	< .03	< .5
1,1-Dichloroethene	< .05	1.8	< .5	< .05	< .05	< .05	< .5	< .05	< .5
1,1-Dichloropropene	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	< .5
1,2,3-Trichlorobenzene	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	< .5
1,2,3-Trichloropropane	< .02	< .02	< .5	< .02	< .02	< .02	< .5	< .02	< .5
1,2,4-Trichlorobenzene	< .04	< .04	< .5	< .04	< .04	< .04	< .5	< .04	< .5
1,2,4-Trimethylbenzene	< .01	< .01	0.03	< .01	< .01	< .01	0.02	< .01	0.05
1,2-Dibromo-3-chloropropane	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	< .5
1,2-Dibromoethane	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	< .5
1,2-Dichlorobenzene	< .02	< .02	< .5	< .02	< .02	< .02	< .5	< .02	< .5
1,2-Dichloroethane	< .02	< .02	< .5	< .02	< .02	< .02	< .5	< .02	< .5
1,2-Dichloropropane	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	< .5
1,3,5-Trimethylbenzene	< .01	< .01	0.01	< .01	< .01	< .01	< .5	< .01	0.01
1,3-Dichlorobenzene	< .01	< .01	< .5	< .01	< .01	< .01	< .5	< .01	< .5
1,3-Dichloropropane	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	< .5
1,4-Dichlorobenzene	< .02	< .02	< .5	< .02	< .02	< .02	< .5	< .02	< .5
2,2-Dichloropropane	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	< .5
2-Butanone	< .04	< .04	0.11	0.05	< .04	< .04	0.05	< .04	< .5
2-Chlorotoluene	< .01	< .01	< .5	< .01	< .01	< .01	< .5	< .01	< .5
4-Chlorotoluene	< .01	< .01	< .5	< .01	< .01	< .01	< .5	< .01	< .5
Acetone	< .03	< .03	0.34	0.12	< .03	< .03	0.13	< .03	0.04
Benzene	0.11	0.03	0.11	0.08	0.23	0.05	0.09	< .03	< .5
Bromobenzene	< .01	< .01	< .5	< .01	< .01	< .01	< .5	< .01	< .5
Bromochloromethane	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	< .5
Bromodichloromethane	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	< .5
Bromoform	< .02	< .02	< .5	< .02	< .02	< .02	< .5	< .02	< .5
Bromomethane	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	< .5
Carbon Disulfide	< .04	< .04	< .5	< .04	0.05	< .04	< .5	< .04	< .5
Carbon Tetrachloride	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	< .5
Chlorobenzene	< .01	< .01	< .5	< .01	< .01	< .01	< .5	< .01	< .5
Chloroethane	< .08	< .08	< .5	< .08	< .08	< .08	< .5	< .08	< .5
Chloroform	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	< .5
Chloromethane	< .03	0.14	0.2	< .03	< .03	< .03	0.04	< .03	0.03
Dibromochloromethane	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	< .5
Dibromromethane	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	< .5

TABLE D-3
Analytical Results for Soil-Gas Samples
OU8 - IHSS 123.1
Rocky Flats Environmental Technology Site

Sample Location:	SG001694	SG001794	SG001794	SG001894	SG001994	SG002094	SG002094	SG002194	SG002194
Sample Identification Number:	SGG0016JE	SGG0017JE	SGG0151JER	SGG0018JE	SGG0019JE	SGG0020JE	SGG0152JER	SGG0021JE	SGG0101JE-EB
Date Sampled:	11/8/94	11/8/94	2/21/95	11/8/94	11/8/94	11/8/94	2/21/95	11/8/94	2/21/95
Test Group:GC/MS Units: µg/L									EB
Dichlorodifluoromethane	< .04	< .04	0.05	< .04	< .04	< .04	< .5	< .04	< .5
Dodecane	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	0.09	0.01	0.02	0.02	0.02	< .01	0.02	< .01	0.01
Hexachlorobutadiene	< .04	< .04	< .5	< .04	< .04	< .04	< .5	< .04	< .5
Isopropylbenzene	0.03	< .01	< .5	< .01	< .01	< .01	< .5	< .01	< .5
Methylene Chloride	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	< .5
Methylpropene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	< .5
Styrene	< .04	< .04	< .5	< .04	< .04	< .04	< .5	< .04	< .5
Tetrachloroethene	< .02	0.03	< .5	0.82	0.17	< .02	< .5	0.02	0.08
Toluene	< .11	< .11	0.21	< .11	0.14	< .11	0.19	< .11	0.31
Total Xylenes	< .11	< .01	< .04	< .04	< .01	< .04	< .04	< .04	< .04
Trichloroethene	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	0.08
Trichlorofluoromethane	< .05	< .05	< .5	< .05	< .05	< .05	< .5	< .05	< .5
Vinyl Chloride	< .07	< .07	< .5	< .07	< .07	< .07	< .5	< .07	< .5
cis-1,2-Dichloroethene	< .03	0.1	0.04	< .03	< .03	< .03	< .5	< .03	< .5
cis-1,3-Dichloropropene	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	< .5
m & p-Xylenes	< .04	< .04	< 2	< .04	< .04	< .04	< 2	< .04	< 2
n-Butylbenzene	< .02	< .02	< .5	< .02	< .02	< .02	< .5	< .02	< .5
n-Propylbenzene	0.04	< .01	< .5	< .01	< .01	< .01	< .5	< .01	< .5
o-Xylene	0.11	0.01	0.02	< .01	0.01	< .01	0.01	< .01	0.01
p-Isopropyltoluene	< .02	< .02	< .5	< .02	< .02	< .02	< .5	< .02	< .5
s-Butylbenzene	0.02	< .01	< .5	< .01	< .01	< .01	< .5	< .01	< .5
t-Butylbenzene	< .01	< .01	< .5	< .01	< .01	< .01	< .5	< .01	< .5
trans-1,2-Dichloroethene	< .05	< .05	< .5	< .05	< .05	< .05	< .5	< .05	< .5
trans-1,3-Dichloropropene	< .03	< .03	< .5	< .03	< .03	< .03	< .5	< .03	< .5
Test Group:Gastech Units: ppm									
Hydrogen Sulfide									
Methane									

TABLE D-3
Analytical Results for Soil-Gas Samples
OU8 - IHSS 123.1
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SG002194 SGG0153JER 2/21/95	SG002194 SGG0153JER 3/21/95	SG002294 SGG0022JE 11/8/94	SG002294 SGG0085JE-EB 11/8/94
Test Group:GC/MS Units: µg/L				EB
1,1,1,2-Tetrachloroethane	< .5	< .02	< .02	< .02
1,1,1-Trichloroethane	< .5	< .03	< .03	< .03
1,1,2,2-Tetrachloroethane	< .5	< .02	< .02	< .02
1,1,2-Trichloroethane	< .5	< .03	< .03	< .03
1,1-Dichloroethane	< .5	< .03	< .03	< .03
1,1-Dichloroethene	< .5	< .05	< .05	0.07
1,1-Dichloropropene	< .5	< .03	< .03	< .03
1,2,3-Trichlorobenzene	< .5	< .03	< .03	< .03
1,2,3-Trichloropropane	< .5	< .02	< .02	< .02
1,2,4-Trichlorobenzene	< .5	< .04	< .04	< .04
1,2,4-Trimethylbenzene	0.03	0.02	0.01	0.01
1,2-Dibromo-3-chloropropane	< .5	< .03	< .03	< .03
1,2-Dibromoethane	< .5	< .03	< .03	< .03
1,2-Dichlorobenzene	< .5	< .02	< .02	< .02
1,2-Dichloroethane	< .5	< .02	< .02	< .02
1,2-Dichloropropane	< .5	< .03	< .03	< .03
1,3,5-Trimethylbenzene	< .5	< .01	< .01	< .01
1,3-Dichlorobenzene	< .5	< .01	< .01	< .01
1,3-Dichloropropane	< .5	< .03	< .03	< .03
1,4-Dichlorobenzene	< .5	< .02	< .02	< .02
2,2-Dichloropropane	< .5	< .03	< .03	< .03
2-Butanone	0.06	< .04	< .04	< .04
2-Chlorotoluene	< .5	< .01	< .01	< .01
4-Chlorotoluene	< .5	< .01	< .01	< .01
Acetone	0.27	0.21	0.17	0.03
Benzene	0.16	0.14	0.26	< .03
Bromobenzene	< .5	< .01	< .01	< .01
Bromochloromethane	< .5	< .03	< .03	< .03
Bromodichloromethane	< .5	< .03	< .03	< .03
Bromoform	< .5	< .02	< .02	< .02
Bromomethane	< .5	< .03	< .03	< .03
Carbon Disulfide	< .5	< .04	0.06	< .04
Carbon Tetrachloride	< .5	0.06	< .03	< .03
Chlorobenzene	< .5	< .01	< .01	< .01
Chloroethane	< .5	< .08	< .08	< .08
Chloroform	< .5	< .03	0.04	< .03
Chloromethane	< .5	< .03	< .03	< .03
Dibromochloromethane	< .5	< .03	< .03	< .03
Dibromromethane	< .5	< .03	< .03	< .03

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TABLE D-3
Analytical Results for Soil-Gas Samples
OU8 - IHSS 123.1
Rocky Flats Environmental Technology Site

Sample Location:	SG002194	SG002194	SG002294	SG002294
Sample Identification Number:	SGG0153JER	SGG0153JER	SGG0022JE	SGG0085JE-EB
Date Sampled:	2/21/95	3/21/95	11/8/94	11/8/94
Test Group:GC/MS Units: µg/L				EB
Dichlorodifluoromethane	< .5	0.11	1.1	< .04
Dodecane	NA	NA	NA	NA
Ethylbenzene	0.02	0.02	< .01	< .01
Hexachlorobutadiene	< .5	< .04	< .04	< .04
Isopropylbenzene	< .5	< .01	< .01	< .01
Methylene Chloride	< .5	< .03	< .03	< .03
Methylpropene	NA	NA	NA	NA
Naphthalene	< .5	< .03	< .03	< .03
Styrene	< .5	< .04	< .04	< .04
Tetrachloroethene	0.06	< .02	0.02	0.04
Toluene	0.33	0.12	0.2	< .11
Total Xylenes	< .04	0.06	< .04	< .01
Trichloroethene	0.06	< .03	0.06	0.05
Trichlorofluoromethane	< .5	< .05	< .05	< .05
Vinyl Chloride	< .5	< .07	< .07	< .07
cis-1,2-Dichloroethene	< .5	< .03	< .03	< .03
cis-1,3-Dichloropropene	< .5	< .03	< .03	< .03
m & p-Xylenes	< 2	0.04	< .04	< .04
n-Butylbenzene	< .5	< .02	< .02	< .02
n-Propylbenzene	< .5	< .01	< .01	< .01
o-Xylene	0.01	0.02	< .01	0.01
p-Isopropyltoluene	< .5	< .02	< .02	< .02
s-Butylbenzene	< .5	< .01	< .01	< .01
t-Butylbenzene	< .5	< .01	< .01	< .01
trans-1,2-Dichloroethene	< .5	< .05	< .05	< .05
trans-1,3-Dichloropropene	< .5	< .03	< .03	< .03
Test Group:Gastech Units: ppm				
Hydrogen Sulfide				
Methane				

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TABLE D-4
Analytical Results for Soil-Gas Samples
OU8 - IHSS 144(N)
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SG002494 SGG0024JE 12/7/94	SG002494 SGG0092JE-D 12/7/94	SG002594 SGG0025JE 12/7/94	SG002694 SGG0026JE 12/7/94	SG002794 SGG0027JE 12/7/94	SG002894 SGG0028JE 12/7/94
Test Group:GC/MS Units: µg/L		DUP				
1,1,1,2-Tetrachloroethane	< .02	< .02	< .02	< .02	< .02	< .02
1,1,1-Trichloroethane	< .03	< .03	< .03	< .03	< .03	< .03
1,1,2,2-Tetrachloroethane	< .02	< .02	< .02	< .02	< .02	< .02
1,1,2-Trichloroethane	< .03	< .03	< .03	< .03	< .03	< .03
1,1-Dichloroethane	< .03	< .03	< .03	< .03	< .03	< .03
1,1-Dichloroethene	< .05	< .05	< .05	< .05	< .05	< .05
1,1-Dichloropropene	< .03	< .03	< .03	< .03	< .03	< .03
1,2,3-Trichlorobenzene	< .03	< .03	< .03	< .03	< .03	< .03
1,2,3-Trichloropropane	< .02	< .02	< .02	< .02	< .02	< .02
1,2,4-Trichlorobenzene	< .04	< .04	< .04	< .04	< .04	< .04
1,2,4-Trimethylbenzene	< .01	0.01	0.01	0.01	< .01	0.01
1,2-Dibromo-3-chloropropane	< .03	< .03	< .03	< .03	< .03	< .03
1,2-Dibromoethane	< .03	< .03	< .03	< .03	< .03	< .03
1,2-Dichlorobenzene	< .02	< .02	< .02	< .02	< .02	< .02
1,2-Dichloroethane	< .02	< .02	< .02	< .02	< .02	< .02
1,2-Dichloropropane	< .03	< .03	< .03	< .03	< .03	< .03
1,3,5-Trimethylbenzene	< .01	< .01	< .01	< .01	< .01	< .01
1,3-Dichlorobenzene	< .01	< .01	< .01	< .01	< .01	< .01
1,3-Dichloropropane	< .03	< .03	< .03	< .03	< .03	< .03
1,4-Dichlorobenzene	< .02	< .02	< .02	< .02	< .02	< .02
2,2-Dichloropropane	< .03	< .03	< .03	< .03	< .03	< .03
2-Butanone	< .04	< .04	< .04	< .04	< .04	< .04
2-Chlorotoluene	< .01	< .01	< .01	< .01	< .01	< .01
4-Chlorotoluene	< .01	< .01	< .01	< .01	< .01	< .01
Acetone	< .03	< .03	< .03	< .03	< .03	< .03
Benzene	0.05	< .03	0.05	0.38	< .03	0.11
Bromobenzene	< .01	< .01	< .01	< .01	< .01	< .01
Bromochloromethane	< .03	< .03	< .03	< .03	< .03	< .03
Bromodichloromethane	< .03	< .03	< .03	< .03	< .03	< .03
Bromoform	< .02	< .02	< .02	< .02	< .02	< .02
Bromomethane	< .03	< .03	< .03	< .03	< .03	< .03
Carbon Disulfide	< .04	< .04	< .04	< .04	< .04	0.09
Carbon Tetrachloride	3.2	3.3	0.04	< .03	0.56	< .03
Chlorobenzene	< .01	< .01	< .01	< .01	< .01	< .01
Chloroethane	< .08	< .08	< .08	< .08	< .08	< .08
Chloroform	0.54	0.54	< .03	< .03	0.23	< .03
Chloromethane	< .03	< .03	< .03	< .03	0.08	0.05
Dibromochloromethane	< .03	< .03	< .03	< .03	< .03	< .03
Dibromromethane	< .03	< .03	< .03	< .03	< .03	< .03

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TABLE D-4
Analytical Results for Soil-Gas Samples
OU8 - IHSS 144(N)
Rocky Flats Environmental Technology Site

Sample Location:	SG002494	SG002494	SG002594	SG002694	SG002794	SG002894
Sample Identification Number:	SGG0024JE	SGG0092JE-D	SGG0025JE	SGG0026JE	SGG0027JE	SGG0028JE
Date Sampled:	12/7/94	12/7/94	12/7/94	12/7/94	12/7/94	12/7/94
Dichlorodifluoromethane	< .04	< .04	< .04	< .04	< .04	< .04
Dodecane	NA	NA	NA	NA	NA	NA
Ethylbenzene	< .01	< .01	0.02	0.05	< .01	0.06
Hexachlorobutadiene	< .04	< .04	< .04	< .04	< .04	< .04
Isopropylbenzene	< .01	< .01	< .01	< .01	< .01	< .01
Methylene Chloride	< .03	< .03	< .03	< .03	< .03	< .03
Methylpropene	NA	NA	NA	NA	NA	NA
Naphthalene	< .03	< .03	< .03	< .03	< .03	< .03
Styrene	< .04	< .04	< .04	< .04	< .04	< .04
Tetrachloroethene	< .02	< .02	< .02	< .02	< .02	< .02
Toluene	< .11	< .11	< .11	0.24	< .11	< .11
Total Xylenes	< .04	< .04	0.07	0.13	< .04	0.11
Trichloroethene	< .03	< .03	< .03	< .03	< .03	< .03
Trichlorofluoromethane	< .05	< .05	< .05	< .05	< .05	< .05
Vinyl Chloride	< .07	< .07	< .07	< .07	< .07	< .07
cis-1,2-Dichloroethene	< .03	< .03	< .03	< .03	< .03	< .03
cis-1,3-Dichloropropene	< .03	< .03	< .03	< .03	< .03	< .03
m & p-Xylenes	< .04	< .04	0.05	0.07	< .04	0.1
n-Butylbenzene	< .02	< .02	< .02	< .02	< .02	< .02
n-Propylbenzene	< .01	< .01	< .01	< .01	< .01	< .01
o-Xylene	< .01	< .01	0.02	0.06	< .01	0.01
p-Isopropyltoluene	< .02	< .02	< .02	< .02	< .02	< .02
s-Butylbenzene	< .01	< .01	< .01	< .01	< .01	< .01
t-Butylbenzene	< .01	< .01	< .01	< .01	< .01	< .01
trans-1,2-Dichloroethene	< .05	< .05	< .05	< .05	< .05	< .05
trans-1,3-Dichloropropene	< .03	< .03	< .03	< .03	< .03	< .03
Test Group:Gastech Units: ppm						
Hydrogen Sulfide						
Methane						

TABLE D-5
Analytical Results for Soil-Gas Samples
OU8 - IHSS 150.1
Rocky Flats Environmental Technology Site

Sample Location:	SG003694	SG003694	SG003694	SG003694	SG004094
Sample Identification Number:	SGG0036JE	SGG0036JE*	SGG0097JE**-D	SGG0036JE**R	SGG0040JE
Date Sampled:	12/13/94	12/13/94	12/13/94	2/16/95	12/13/94
Test Group:GC/MS Units: µg/L			DUP AS REAL	NOT USED	
1,1,1,2-Tetrachloroethane	< .02	< .2	< 1.9	< .5	< .02
1,1,1-Trichloroethane	0.72	0.86	< 2.9	< .5	< .03
1,1,2,2-Tetrachloroethane	< .02	< .2	< 1.9	< .5	< .02
1,1,2-Trichloroethane	< .03	< .3	< 2.9	< .5	< .03
1,1-Dichloroethane	33 J	66 J	120	< .5	< .03
1,1-Dichloroethene	42 J	47 J	81	< .5	< .05
1,1-Dichloropropene	< .03	< .3	< 2.9	< .5	< .03
1,2,3-Trichlorobenzene	< .03	< .3	< 2.9	< .5	< .03
1,2,3-Trichloropropane	< .02	< .2	< 1.9	< .5	< .02
1,2,4-Trichlorobenzene	< .04	< .4	< 3.8	< .5	< .04
1,2,4-Trimethylbenzene	0.05	< .1	2.5	< .5	0.04
1,2-Dibromo-3-chloropropane	< .03	< .3	< 2.9	< .5	< .03
1,2-Dibromoethane	< .03	< .3	< 2.9	< .5	< .03
1,2-Dichlorobenzene	< .02	< .2	< 1.9	< .5	< .02
1,2-Dichloroethane	< .02	< .2	< 1.9	< .5	< .02
1,2-Dichloropropane	< .03	< .3	< 2.9	< .5	< .03
1,3,5-Trimethylbenzene	0.02	< .1	< 1	< .5	0.01
1,3-Dichlorobenzene	< .01	< .1	< 1	< .5	< .01
1,3-Dichloropropane	< .03	< .3	< 2.9	< .5	< .03
1,4-Dichlorobenzene	< .02	< .2	< 1.9	< .5	< .02
2,2-Dichloropropane	< .03	< .3	< 2.9	< .5	< .03
2-Butanone	0.07	< .4	5.7	< .5	< .04
2-Chlorotoluene	< .01	< .1	< 1	< .5	< .01
4-Chlorotoluene	< .01	< .1	< 1	< .5	< .01
Acetone	< .03	< .3	22	< .5	0.05
Benzene	0.1	< .3	< 2.9	< .5	0.06
Bromobenzene	< .01	< .1	< 1	< .5	< .01
Bromochloromethane	< .03	< .3	< 2.9	< .5	< .03
Bromodichloromethane	< .03	< .3	< 2.9	< .5	< .03
Bromoform	< .02	< .2	< 1.9	< .5	< .02
Bromomethane	< .03	0.4	< 2.9	< .5	< .03
Carbon Disulfide	< .04	< .4	< 3.8	< .5	< .04
Carbon Tetrachloride	< .03	< .3	< 2.9	< .5	< .03
Chlorobenzene	< .01	< .1	< 1	< .5	< .01
Chloroethane	2.4	2.6	< 7.6	< .5	< .08
Chloroform	< .03	< .3	< 2.9	< .5	< .03
Chloromethane	< .03	3.9	3.9	< .5	< .03
Dibromochloromethane	< .03	< .3	< 2.9	< .5	< .03
Dibromromethane	< .03	< .3	< 2.9	< .5	< .03
Dichlorodifluoromethane	< .04	< .4	< 3.8	< .5	< .04

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TABLE D-5
Analytical Results for Soil-Gas Samples
OU8 - IHSS 150.1
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SG003694 SGG0036JE 12/13/94	SG003694 SGG0036JE* 12/13/94	SG003694 SGG0097JE**-D 12/13/94	SG003694 SGG0036JE**R 2/16/95	SG004094 SGG0040JE 12/13/94
Dodecane	NA	NA	NA	NA	NA
Ethylbenzene	0.02	< .1	1.3	< .5	< .01
Hexachlorobutadiene	< .04	< .4	< 3.8	< .5	< .04
Isopropylbenzene	< .01	< .1	< 1	< .5	< .01
Methylene Chloride	< .03	< .3	< 2.9	< .5	< .03
Methylpropene	NA	NA	NA	NA	NA
Naphthalene	0.05	< .3	< 2.9	< .5	< .03
Styrene	< .04	< .4	< 3.8	< .5	< .04
Tetrachloroethene	0.27	0.47	< 1.9	55	< .02
Toluene	< .11	< 1.11	< 10.5	< .5	< .11
Total Xylenes	0.11	< .4	6	< 4	< .01
Trichloroethene	0.7	0.85	< 2.9	57	< .03
Trichlorofluoromethane	6 J	52 J	750 J	330	0.73
Vinyl Chloride	12 J	12	8	< .5	< .07
cis-1,2-Dichloroethene	2	1.9	3.3	< .5	< .03
cis-1,3-Dichloropropene	< .03	< .3	< 2.9	< .5	< .03
m & p-Xylenes	0.08	< .4	4.4	< 2	< .04
n-Butylbenzene	< .02	< .2	< 1.9	< .5	< .02
n-Propylbenzene	< .01	< .1	< 1	< .5	< .01
o-Xylene	0.03	< .1	1.6	< .5	0.01
p-Isopropyltoluene	< .02	< .2	< 1.9	< .5	< .02
s-Butylbenzene	< .01	< .1	< 1	< .5	< .01
t-Butylbenzene	< .01	< .1	< 1	< .5	< .01
trans-1,2-Dichloroethene	2.9	< .5	< 4.8	< .5	< .05
trans-1,3-Dichloropropene	< .03	< .3	< 2.9	< .5	< .03
Test Group:Gastech Units: ppm					
Hydrogen Sulfide					
Methane					

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TABLE D-6
Analytical Results for Soil-Gas Samples
OU8 - IHSS 150.3
Rocky Flats Environmental Technology Site

IHSS	150.3	150.3	150.3	150.3
Sample Location:	SG005094	SG005194	SG005294	SG005294
Sample Identification Number:	SGG0050JE	SGG0051JE	SGG0052JE	SGG0052JER
Date Sampled:	2/21/95	2/21/95	2/21/95	3/21/95
Test Group:GC/MS Units: µg/L				
1,1,1,2-Tetrachloroethane	< .5	< .5	< .5	< .02
1,1,1-Trichloroethane	< .5	< .5	< .5	< .03
1,1,2,2-Tetrachloroethane	< .5	< .5	< .5	< .02
1,1,2-Trichloroethane	< .5	< .5	< .5	< .03
1,1-Dichloroethane	< .5	< .5	< .5	< .03
1,1-Dichloroethene	< .5	< .5	< .5	< .05
1,1-Dichloropropene	< .5	< .5	< .5	< .03
1,2,3-Trichlorobenzene	< .5	< .5	< .5	< .03
1,2,3-Trichloropropane	< .5	< .5	< .5	< .02
1,2,4-Trichlorobenzene	< .5	< .5	< .5	< .04
1,2,4-Trimethylbenzene	< .5	0.05	0.01	< .01
1,2-Dibromo-3-chloropropane	< .5	< .5	< .5	< .03
1,2-Dibromoethane	< .5	< .5	< .5	< .03
1,2-Dichlorobenzene	< .5	< .5	< .5	< .02
1,2-Dichloroethane	< .5	< .5	< .5	< .02
1,2-Dichloropropane	< .5	< .5	< .5	< .03
1,3,5-Trimethylbenzene	< .5	0.02	< .5	< .01
1,3-Dichlorobenzene	< .5	< .5	< .5	< .01
1,3-Dichloropropane	< .5	< .5	< .5	< .03
1,4-Dichlorobenzene	< .5	< .5	< .5	< .02
2,2-Dichloropropane	< .5	< .5	< .5	< .03
2-Butanone	< .5	< .5	0.04	< .04
2-Chlorotoluene	< .5	< .5	< .5	< .01
4-Chlorotoluene	< .5	< .5	< .5	< .01
Acetone	< .5	0.2	0.17	0.09
Benzene	< .5	0.15	0.07	< .03
Bromobenzene	< .5	< .5	< .5	< .01
Bromochloromethane	< .5	< .5	< .5	< .03
Bromodichloromethane	< .5	< .5	< .5	< .03
Bromoform	< .5	< .5	< .5	< .02
Bromomethane	< .5	< .5	< .5	< .03
Carbon Disulfide	< .5	< .5	< .5	< .04
Carbon Tetrachloride	< .5	< .5	< .5	< .03
Chlorobenzene	< .5	< .5	< .5	< .01
Chloroethane	< .5	< .5	< .5	< .08
Chloroform	< .5	< .5	< .5	< .03
Chloromethane	< .5	0.03	< .5	0.03

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TABLE D-6
Analytical Results for Soil-Gas Samples
OU8 - IHSS 150.3
Rocky Flats Environmental Technology Site

IHSS Sample Location: Sample Identification Number: Date Sampled:	150.3 SG005094 SGG0050JE 2/21/95	150.3 SG005194 SGG0051JE 2/21/95	150.3 SG005294 SGG0052JE 2/21/95	150.3 SG005294 SGG0052JER 3/21/95
Dibromochloromethane	< .5	< .5	< .5	< .03
Dibromromethane	< .5	< .5	< .5	< .03
Dichlorodifluoromethane	< .5	< .5	< .5	< .04
Dodecane	NA	NA	NA	NA
Ethylbenzene	< .5	0.02	< .5	< .01
Hexachlorobutadiene	< .5	< .5	< .5	< .04
Isopropylbenzene	< .5	< .5	< .5	< .01
Methylene Chloride	< .5	< .5	< .5	< .03
Methylpropene	NA	NA	NA	NA
Naphthalene	< .5	< .5	< .5	< .03
Styrene	< .5	< .5	< .5	< .04
Tetrachloroethene	< .5	< .5	0.38	< .02
Toluene	< .5	0.2	0.11	< .11
Total Xylenes	< .04	< .04	< .04	< .04
Trichloroethene	< .5	< .5	0.42	< .03
Trichlorofluoromethane	0.29	< .5	< .5	0.06
Vinyl Chloride	< .5	< .5	< .5	< .07
cis-1,2-Dichloroethene	< .5	< .5	< .5	< .03
cis-1,3-Dichloropropene	< .5	< .5	< .5	< .03
m & p-Xylenes	< 2	< 2	< 2	< .04
n-Butylbenzene	< .5	< .5	< .5	< .02
n-Propylbenzene	< .5	< .5	< .5	< .01
o-Xylene	< .5	0.01	< .5	< .01
p-Isopropyltoluene	< .5	< .5	< .5	< .02
s-Butylbenzene	< .5	< .5	< .5	< .01
t-Butylbenzene	< .5	< .5	< .5	< .01
trans-1,2-Dichloroethene	< .5	< .5	< .5	< .05
trans-1,3-Dichloropropene	< .5	< .5	< .5	< .03
Test Group:Gastech Units: ppm				
Hydrogen Sulfide				
Methane				

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TABLE D-7
Analytical Results for Soil-Gas Samples
OU8 - IHSS 150.6
Rocky Flats Environmental Technology Site

IHSS	150.6/8	150.6/8	150.6/8	150.6/8	150.6/8	150.6/8	150.6/8	150.6/8
Sample Location:	SG005894	SG005894	SG005894	SG005894	SG005894	SG006094	SG006094	SG006094
Sample Identification Number:	SGG0058JE	SGG0058JE*	SGG0058JE**	SGG0095JE-D	SGG0095JE*-D	SGG0060JE	SGG0060JE*	SGG0060JE**
Date Sampled:	12/13/94	12/13/94	12/13/94	12/13/94	12/13/94	12/13/94	12/13/94	12/13/94
Test Group:GC/MS Units: µg/L				DUP	DUP			
1,1,1,2-Tetrachloroethane	< .02	< .2	< 1.9	< .02	< .2	< .02	< .2	< 1.9
1,1,1-Trichloroethane	< .03	< .3	< 2.9	< .03	< .3	< .03	< .3	< 2.9
1,1,2,2-Tetrachloroethane	< .02	< .2	< 1.9	< .02	< .2	< .02	< .2	< 1.9
1,1,2-Trichloroethane	< .03	< .3	< 2.9	< .03	< .3	< .03	< .3	< 2.9
1,1-Dichloroethane	0.35	0.54	< 2.9	0.48	0.87	0.21	0.39	< 2.9
1,1-Dichloroethene	0.1	< .5	< 4.8	0.13	< .5	0.12	< .5	< 4.8
1,1-Dichloropropene	< .03	< .3	< 2.9	< .03	< .3	< .03	< .3	< 2.9
1,2,3-Trichlorobenzene	< .03	< .3	< 2.9	< .03	< .3	< .03	< .3	< 2.86
1,2,3-Trichloropropane	< .02	< .2	< 1.9	< .02	< .2	< .02	< .2	< 1.9
1,2,4-Trichlorobenzene	< .04	< .4	< 3.8	< .04	< .4	< .04	< .4	< 3.8
1,2,4-Trimethylbenzene	0.01	< .1	< 1	0.01	< .1	0.1	0.31	< 1
1,2-Dibromo-3-chloropropane	< .03	< .3	< 2.9	< .03	< .3	< .03	< .3	< 2.9
1,2-Dibromoethane	< .03	< .3	< 2.9	< .03	< .3	< .03	< .3	< 2.9
1,2-Dichlorobenzene	< .02	< .2	< 1.9	< .02	< .2	< .02	< .2	< 1.9
1,2-Dichloroethane	< .02	< .2	< 1.9	< .02	< .2	< .02	< .2	< 1.9
1,2-Dichloropropane	< .03	< .3	< 2.9	< .03	< .3	< .03	< .3	< 2.9
1,3,5-Trimethylbenzene	< .01	< .1	< 1	< .01	< .1	0.03	< .1	< 1
1,3-Dichlorobenzene	< .01	< .1	< 1	< .01	< .1	< .01	< .1	< 1
1,3-Dichloropropane	< .03	< .3	< 2.9	< .03	< .3	< .03	< .3	< 2.9
1,4-Dichlorobenzene	< .02	< .2	< 1.9	< .02	< .2	< .02	< .2	< 1.9
2,2-Dichloropropane	< .03	< .3	< 2.9	< .03	< .3	< .03	< .3	< 2.9
2-Butanone	< .04	< .4	< 3.8	0.06	< .4	< .04	< .4	< 3.8
2-Chlorotoluene	< .01	< .1	< 1	< .01	< .1	< .01	< .1	< 1
4-Chlorotoluene	< .01	< .1	< 1	< .01	< .1	< .01	< .1	< 1
Acetone	< .03	< .3	< 2.9	< .03	< .3	< .03	< .3	< 2.9
Benzene	0.33	0.38	< 2.9	0.27	0.39	0.25	0.43	< 2.9
Bromobenzene	< .01	< .1	< 1	< .01	< .1	< .01	< .1	< 1
Bromochloromethane	< .03	< .3	< 2.9	< .03	< .3	< .03	< .3	< 2.9
Bromodichloromethane	< .03	< .3	< 2.9	< .03	< .3	< .03	< .3	< 2.9
Bromoform	< .02	< .2	< 1.9	< .02	< .2	< .02	< .2	< 1.9
Bromomethane	< .03	< .3	< 2.9	< .03	< .3	< .03	< .3	< 2.9
Carbon Disulfide	< .04	< .4	< 3.8	0.11	< .4	0.05	< .4	< 3.8
Carbon Tetrachloride	0.04	< .3	< 2.9	< .03	< .3	< .03	0.38	< 2.9
Chlorobenzene	< .01	< .1	< 1	< .01	< .1	< .01	< .1	< 1
Chloroethane	< .08	< .81	< 7.6	< .08	< .81	< .08	< .81	< 7.6
Chloroform	< .03	< .3	< 2.9	< .03	< .3	< .03	< .3	< 2.9
Chloromethane	0.1	< .3	< 2.9	0.18	< .3	0.05	< .3	< 2.9

TABLE D-7
Analytical Results for Soil-Gas Samples
OU8 - IHSS 150.6
Rocky Flats Environmental Technology Site

IHSS	150.6/8	150.6/8	150.6/8	150.6/8	150.6/8	150.6/8	150.6/8	150.6/8
Sample Location:	SG005894	SG005894	SG005894	SG005894	SG005894	SG006094	SG006094	SG006094
Sample Identification Number:	SGG0058JE	SGG0058JE*	SGG0058JE**	SGG0095JE-D	SGG0095JE*-D	SGG0060JE	SGG0060JE*	SGG0060JE**
Date Sampled:	12/13/94	12/13/94	12/13/94	12/13/94	12/13/94	12/13/94	12/13/94	12/13/94
Dibromochloromethane	< .03	< .3	< 2.9	< .03	< .3	< .03	< .3	< 2.9
Dibromromethane	< .03	< .3	< 2.9	< .03	< .3	< .03	< .3	< 2.9
Dichlorodifluoromethane	19 J	< .4	< 3.8	< .04	< .4	0.53	2.1	< 3.8
Dodecane	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	< .01	< .1	< 1	< .01	< .1	0.03	0.15	< 1
Hexachlorobutadiene	< .04	< .4	< 3.8	< .04	< .4	< .04	< .4	< 3.8
Isopropylbenzene	< .01	< .1	< 1	< .01	< .1	< .01	< .1	< 1
Methylene Chloride	< .03	< .3	< 2.9	< .03	< .3	< .03	< .3	< 2.9
Methylpropene	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	0.05	< .3	< 2.9	0.03	< .3	0.08	< .3	< 2.9
Styrene	< .04	< .4	< 3.8	< .04	< .4	< .04	< .4	< 3.8
Tetrachloroethene	< .02	< .2	< 1.9	< .02	< .2	< .02	< .2	< 1.9
Toluene	< .11	< 1.11	< 10.5	< .11	< 1.11	0.16	< 1.11	< 10.5
Total Xylenes	< .01	< .4	< 3.8	< .04	< .4	0.13	0.67	< 3.8
Trichloroethene	0.17	0.47	< 2.9	0.29	0.56	1.1	1.8	< 2.9
Trichlorofluoromethane	5 J	< .5	< 4.8	4.5 J	< .5	0.83	80 J	< 4.8
Vinyl Chloride	2.4	4.4	< 6.7	3.1	7	3.6	8.7	< 6.7
cis-1,2-Dichloroethene	0.54	0.8	< 2.9	0.67	1.1	4.3 J	7	4.7
cis-1,3-Dichloropropene	< .03	< .3	< 2.9	< .03	< .3	< .03	< .3	< 2.9
m & p-Xylenes	< .04	< .4	< 3.8	< .04	< .4	0.09	0.49	< 3.8
n-Butylbenzene	< .02	< .2	< 1.9	< .02	< .2	< .02	< .2	< 1.9
n-Propylbenzene	< .01	< .1	< 1	< .01	< .1	0.02	< .1	< 1
o-Xylene	0.01	< .1	< 1	< .01	< .1	0.04	0.18	< 1
p-Isopropyltoluene	< .02	< .2	< 1.9	< .02	< .2	< .02	< .2	< 1.9
s-Butylbenzene	< .01	< .1	< 1	< .01	< .1	< .01	< .1	< 1
t-Butylbenzene	< .01	< .1	< 1	< .01	< .1	< .01	< .1	< 1
trans-1,2-Dichloroethene	< .05	< .5	< 4.8	< .05	< .5	0.27	< .5	< 4.8
trans-1,3-Dichloropropene	< .03	< .3	< 2.9	< .03	< .3	< .03	< .3	< 2.9
Test Group:Gastech Units: ppm								
Hydrogen Sulfide								
Methane								

TABLE D-8
Analytical Results for Soil-Gas Samples
OU8 - IHSS 151
Rocky Flats Environmental Technology Site

IHSS	151	151	151	151	151
Sample Location:	SG006894	SG006894	SG006894	SG006994	SG006994
Sample Identification Number:	SGG0068JE	SGG0068JE*	SGG0088JE-EB	SGG0069JE	SGG0089JE-D
Date Sampled:	12/6/94	12/6/94	12/6/94	12/6/94	12/6/94
Test Group:GC/MS Units: µg/L			EB		DUP
1,1,1,2-Tetrachloroethane	< .02	< .2	< .02	< .02	< .02
1,1,1-Trichloroethane	< .03	< .3	< .03	< .03	< .03
1,1,2,2-Tetrachloroethane	< .02	< .2	< .02	< .02	< .02
1,1,2-Trichloroethane	< .03	< .3	< .03	< .03	< .03
1,1-Dichloroethane	< .03	< .3	< .03	< .03	< .03
1,1-Dichloroethene	< .05	< .5	< .05	< .05	< .05
1,1-Dichloropropene	< .03	< .3	< .03	< .03	< .03
1,2,3-Trichlorobenzene	< .03	< .3	< .03	< .03	< .03
1,2,3-Trichloropropane	< .02	< .2	< .02	< .02	< .02
1,2,4-Trichlorobenzene	< .04	< .4	< .04	< .04	< .04
1,2,4-Trimethylbenzene	0.02	< .1	0.01	0.03	0.03
1,2-Dibromo-3-chloropropane	< .03	< .3	< .03	< .03	< .03
1,2-Dibromoethane	< .03	< .3	< .03	< .03	< .03
1,2-Dichlorobenzene	< .02	< .2	< .02	< .02	< .02
1,2-Dichloroethane	< .02	< .2	< .02	< .02	< .02
1,2-Dichloropropane	< .03	< .3	< .03	< .03	< .03
1,3,5-Trimethylbenzene	< .01	< .1	< .01	0.01	< .01
1,3-Dichlorobenzene	< .01	< .1	< .01	< .01	< .01
1,3-Dichloropropane	< .03	< .3	< .03	< .03	< .03
1,4-Dichlorobenzene	< .02	< .2	< .02	< .02	< .02
2,2-Dichloropropane	< .03	< .3	< .03	< .03	< .03
2-Butanone	< .04	< .4	< .04	< .04	< .04
2-Chlorotoluene	< .01	< .1	< .01	< .01	< .01
4-Chlorotoluene	< .01	< .1	< .01	< .01	< .01
Acetone	< .03	< .3	< .03	< .03	< .03
Benzene	0.05	< .3	< .03	0.11	0.06
Bromobenzene	< .01	< .1	< .01	< .01	< .01
Bromochloromethane	< .03	< .3	< .03	< .03	< .03
Bromodichloromethane	< .03	< .3	< .03	< .03	< .03
Bromoform	< .02	< .2	< .02	< .02	< .02
Bromomethane	< .03	< .3	< .03	< .03	< .03
Carbon Disulfide	< .04	< .4	< .04	< .04	< .04
Carbon Tetrachloride	< .03	< .3	< .03	< .03	< .03
Chlorobenzene	< .01	< .1	< .01	< .01	< .01
Chloroethane	< .08	< .81	< .08	< .08	< .08
Chloroform	< .03	< .3	< .03	< .03	< .03
Chloromethane	< .03	< .3	< .03	< .03	< .03

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TABLE D-8
Analytical Results for Soil-Gas Samples
OU8 - IHSS 151
Rocky Flats Environmental Technology Site

IHSS	151	151	151	151	151
Sample Location:	SG006894	SG006894	SG006894	SG006994	SG006994
Sample Identification Number:	SGG0068JE	SGG0068JE*	SGG0088JE-EB	SGG0069JE	SGG0089JE-D
Date Sampled:	12/6/94	12/6/94	12/6/94	12/6/94	12/6/94
Dibromochloromethane	< .03	< .3	< .03	< .03	< .03
Dibromromethane	< .03	< .3	< .03	< .03	< .03
Dichlorodifluoromethane	< .04	< .4	< .04	< .04	< .04
Dodecane	NA	NA	NA	NA	NA
Ethylbenzene	0.01	< .1	0.03	0.03	0.02
Hexachlorobutadiene	< .04	< .4	< .04	< .04	< .04
Isopropylbenzene	< .01	< .1	< .01	< .01	< .01
Methylene Chloride	< .03	< .3	< .03	< .03	< .03
Methylpropene	NA	NA	NA	NA	NA
Naphthalene	< .03	< .3	< .03	< .03	< .03
Styrene	< .04	< .4	< .04	< .04	< .04
Tetrachloroethene	0.13	< .2	< .02	< .02	< .02
Toluene	< .11	< 1.11	< .11	< .11	< .11
Total Xylenes	0.07	< .4	0.16	0.11	0.06
Trichloroethene	< .03	< .3	< .03	< .03	< .03
Trichlorofluoromethane	5.3 J	17	2.7	0.26	2.3
Vinyl Chloride	< .07	< .71	< .07	< .07	< .07
cis-1,2-Dichloroethene	< .03	< .3	< .03	< .03	< .03
cis-1,3-Dichloropropene	< .03	< .3	< .03	< .03	< .03
m & p-Xylenes	0.05	< .4	0.13	0.08	0.04
n-Butylbenzene	< .02	< .2	< .02	< .02	< .02
n-Propylbenzene	< .01	< .1	< .01	< .01	< .01
o-Xylene	0.02	< .1	0.03	0.03	0.02
p-Isopropyltoluene	< .02	< .2	< .02	< .02	< .02
s-Butylbenzene	< .01	< .1	< .01	< .01	< .01
t-Butylbenzene	< .01	< .1	< .01	< .01	< .01
trans-1,2-Dichloroethene	< .05	< .5	< .05	< .05	< .05
trans-1,3-Dichloropropene	< .03	< .3	< .03	< .03	< .03
Test Group:Gastech Units: ppm					
Hydrogen Sulfide					
Methane					

TABLE D-9
Analytical Results for Soil-Gas Samples
OU8 - IHSS 163.1
Rocky Flats Environmental Technology Site

IHSS	163.1	163.1	163.1	163.1	163.1	163.1	163.1
Sample Location:	SG007594	SG007694	SG007794	SG007794	SG007994	SG007994	SG008194
Sample Identification Number:	SGG0075JE	SGG0076JE	SGG0077JE	SGG0087JE-D	SGG0079JE	SGG0154JER	SGG0081JE
Date Sampled:	11/9/94	11/9/94	11/9/94	11/9/94	11/9/94	2/16/95	11/9/94
Test Group:GC/MS Units: µg/L				DUP			
1,1,1,2-Tetrachloroethane	< .02	< .02	< .02	< .02	< .02	< .5	< .02
1,1,1-Trichloroethane	< .03	< .03	< .03	< .03	< .03	< .5	< .03
1,1,2,2-Tetrachloroethane	< .02	< .02	< .02	< .02	< .02	< .5	< .02
1,1,2-Trichloroethane	< .03	< .03	< .03	< .03	< .03	< .5	< .03
1,1-Dichloroethane	< .03	< .03	0.05	< .03	< .03	< .5	< .03
1,1-Dichloroethene	< .05	< .05	0.17	< .05	< .05	< .5	< .05
1,1-Dichloropropene	< .03	< .03	< .03	< .03	< .03	< .5	< .03
1,2,3-Trichlorobenzene	< .03	< .03	< .03	< .03	< .03	< .5	< .03
1,2,3-Trichloropropane	< .02	< .02	< .02	< .02	< .02	< .5	< .02
1,2,4-Trichlorobenzene	< .04	< .04	< .04	< .04	< .04	< .5	< .04
1,2,4-Trimethylbenzene	< .01	0.01	< .01	< .01	< .01	0.01	0.01
1,2-Dibromo-3-chloropropane	< .03	< .03	< .03	< .03	< .03	< .5	< .03
1,2-Dibromoethane	< .03	< .03	< .03	< .03	< .03	< .5	< .03
1,2-Dichlorobenzene	< .02	< .02	< .02	< .02	< .02	< .5	< .02
1,2-Dichloroethane	< .02	< .02	< .02	< .02	< .02	< .5	< .02
1,2-Dichloropropane	< .03	< .03	< .03	< .03	< .03	< .5	< .03
1,3,5-Trimethylbenzene	< .01	< .01	< .01	< .01	< .01	< .5	< .01
1,3-Dichlorobenzene	< .01	< .01	< .01	< .01	< .01	< .5	< .01
1,3-Dichloropropane	< .03	< .03	< .03	< .03	< .03	< .5	< .03
1,4-Dichlorobenzene	< .02	< .02	< .02	< .02	< .02	< .5	< .02
2,2-Dichloropropane	< .03	< .03	< .03	< .03	< .03	< .5	< .03
2-Butanone	< .04	0.06	0.05	0.08	< .04	< .5	< .04
2-Chlorotoluene	< .01	< .01	< .01	< .01	< .01	< .5	< .01
4-Chlorotoluene	< .01	< .01	< .01	< .01	< .01	< .5	< .01
Acetone	0.12	< .03	0.21	0.29	< .03	< .5	< .03
Benzene	< .03	0.22	0.12	0.17	0.11	0.47	0.12
Bromobenzene	< .01	< .01	< .01	< .01	< .01	< .5	< .01
Bromochloromethane	< .03	< .03	< .03	< .03	< .03	< .5	< .03
Bromodichloromethane	< .03	< .03	< .03	< .03	< .03	< .5	< .03
Bromoform	< .02	< .02	< .02	< .02	< .02	< .5	< .02
Bromomethane	< .03	< .03	< .03	< .03	< .03	< .5	< .03
Carbon Disulfide	< .04	< .04	0.06	0.05	< .04	< .5	< .04
Carbon Tetrachloride	< .03	< .03	< .03	< .03	< .03	< .5	< .03
Chlorobenzene	< .01	< .01	< .01	< .01	< .01	< .5	< .01
Chloroethane	< .08	< .08	< .08	< .08	< .08	< .5	< .08
Chloroform	< .03	< .03	< .03	< .03	< .03	< .5	< .03
Chloromethane	< .03	< .03	0.39	< .03	0.12	< .5	< .03

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TABLE D-9
Analytical Results for Soil-Gas Samples
OU8 - IHSS 163.1
Rocky Flats Environmental Technology Site

IHSS	163.1	163.1	163.1	163.1	163.1	163.1	163.1
Sample Location:	SG007594	SG007694	SG007794	SG007794	SG007994	SG007994	SG008194
Sample Identification Number:	SGG0075JE	SGG0076JE	SGG0077JE	SGG0087JE-D	SGG0079JE	SGG0154JER	SGG0081JE
Date Sampled:	11/9/94	11/9/94	11/9/94	11/9/94	11/9/94	2/16/95	11/9/94
Dibromochloromethane	< .03	< .03	< .03	< .03	< .03	< .5	< .03
Dibromromethane	< .03	< .03	< .03	< .03	< .03	< .5	< .03
Dichlorodifluoromethane	< .04	< .04	< .04	< .04	< .04	< .5	< .04
Dodecane	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	< .01	0.02	0.01	0.02	0.01	0.11	0.02
Hexachlorobutadiene	< .04	< .04	< .04	< .04	< .04	< .5	< .04
Isopropylbenzene	< .01	< .01	< .01	< .01	< .01	< .5	< .01
Methylene Chloride	< .03	< .03	< .03	< .03	< .03	< .5	0.09
Methylpropene	NA	NA	NA	NA	NA	NA	NA
Naphthalene	< .03	< .03	< .03	< .03	< .03	< .5	< .03
Styrene	< .04	< .04	< .04	< .04	< .04	< .5	< .04
Tetrachloroethene	< .02	< .02	< .02	< .02	< .02	0.66	< .02
Toluene	< .11	0.16	< .11	0.13	0.11	0.39	< .11
Total Xylenes	< .04	0.06	< .04	< .01	< .04	0.67	< .01
Trichloroethene	< .03	< .03	< .03	< .03	< .03	0.36	< .03
Trichlorofluoromethane	< .05	< .05	< .05	< .05	0.07	< .5	0.07
Vinyl Chloride	< .07	< .07	< .07	< .07	< .07	< .5	< .07
cis-1,2-Dichloroethene	< .03	< .03	< .03	< .03	< .03	< .5	< .03
cis-1,3-Dichloropropene	< .03	< .03	< .03	< .03	< .03	< .5	< .03
m & p-Xylenes	< .04	0.04	< .04	< .04	< .04	0.6	< .04
n-Butylbenzene	< .02	< .02	< .02	< .02	< .02	< .5	< .02
n-Propylbenzene	< .01	< .01	< .01	< .01	< .01	< .5	< .01
o-Xylene	< .01	0.02	< .01	0.01	< .01	0.07	0.01
p-Isopropyltoluene	< .02	< .02	< .02	< .02	< .02	< .5	< .02
s-Butylbenzene	< .01	< .01	< .01	< .01	< .01	< .5	< .01
t-Butylbenzene	< .01	< .01	< .01	< .01	< .01	< .5	< .01
trans-1,2-Dichloroethene	< .05	< .05	< .05	< .05	< .05	< .5	< .05
trans-1,3-Dichloropropene	< .03	< .03	< .03	< .03	< .03	< .5	< .03
Test Group:Gastech Units: ppm							
Hydrogen Sulfide							
Methane							

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TABLE D-10
Analytical Results for Soil-Gas Samples
OU8 - IHSS 173
Rocky Flats Environmental Technology Site

IHSS	173	173	173	173	173
Sample Location:	SG008294	SG008294	SG008394	SG008494	SG008494
Sample Identification Number:	SGG0082JE**	SGG0100JE**-D	SGG0083JE	SGG0084JER	SGG0099JE-EB
Date Sampled:	2/16/95	2/16/95	2/16/95	3/21/95	2/16/95
Test Group:GC/MS Units:µg/L		DUP			EB
1,1,1,2-Tetrachloroethane	< .5	< .5	< .5	< .02	< .5
1,1,1-Trichloroethane	< .5	< .5	< .5	< .03	< .5
1,1,2,2-Tetrachloroethane	< .5	< .5	< .5	< .02	< .5
1,1,2-Trichloroethane	< .5	< .5	< .5	< .03	< .5
1,1-Dichloroethane	< .5	< .5	< .5	< .03	< .5
1,1-Dichloroethene	< .5	< .5	< .5	< .05	< .5
1,1-Dichloropropene	< .5	< .5	< .5	< .03	< .5
1,2,3-Trichlorobenzene	< .5	< .5	< .5	< .03	< .5
1,2,3-Trichloropropane	< .5	< .5	< .5	< .02	< .5
1,2,4-Trichlorobenzene	< .5	< .5	< .5	< .04	< .5
1,2,4-Trimethylbenzene	< .5	< .5	0.03	0.07	< .5
1,2-Dibromo-3-chloropropane	< .5	< .5	< .5	< .03	< .5
1,2-Dibromoethane	< .5	< .5	< .5	< .03	< .5
1,2-Dichlorobenzene	< .5	< .5	< .5	< .02	< .5
1,2-Dichloroethane	< .5	< .5	< .5	< .02	< .5
1,2-Dichloropropane	< .5	3	< .5	< .03	< .5
1,3,5-Trimethylbenzene	< .5	< .5	< .5	0.02	< .5
1,3-Dichlorobenzene	< .5	< .5	< .5	< .01	< .5
1,3-Dichloropropane	< .5	< .5	< .5	< .03	< .5
1,4-Dichlorobenzene	< .5	< .5	< .5	< .02	< .5
2,2-Dichloropropane	< .5	< .5	< .5	< .03	< .5
2-Butanone	< .5	< .5	0.06	0.06	< .5
2-Chlorotoluene	< .5	< .5	< .5	< .01	< .5
4-Chlorotoluene	< .5	< .5	< .5	< .01	< .5
Acetone	4.4	7.4	< .5	0.35	< .5
Benzene	4.3	< .5	0.39	0.06	0.03
Bromobenzene	< .5	< .5	< .5	< .01	< .5
Bromochloromethane	< .5	< .5	< .5	< .03	< .5
Bromodichloromethane	< .5	7.7	< .5	< .03	< .5
Bromoform	< .5	< .5	< .5	< .02	< .5
Bromomethane	< .5	< .5	< .5	< .03	< .5
Carbon Disulfide	< .5	< .5	0.06	< .04	< .5
Carbon Tetrachloride	< .5	< .5	< .5	< .03	< .5
Chlorobenzene	< .5	< .5	< .5	< .01	< .5
Chloroethane	< .5	< .5	< .5	< .08	< .5
Chloroform	< .5	< .5	< .5	< .03	< .5
Chloromethane	< .5	< .5	0.03	< .03	< .5

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TABLE D-10
Analytical Results for Soil-Gas Samples
OU8 - IHSS 173
Rocky Flats Environmental Technology Site

IHSS Sample Location: Sample Identification Number: Date Sampled:	173 SG008294 SGG0082JE** 2/16/95	173 SG008294 SGG0100JE**-D 2/16/95	173 SG008394 SGG0083JE 2/16/95	173 SG008494 SGG0084JER 3/21/95	173 SG008494 SGG0099JE-EB 2/16/95
Dibromochloromethane	< .5	< .5	< .5	< .03	< .5
Dibromromethane	< .5	< .5	< .5	< .03	< .5
Dichlorodifluoromethane	< .5	< .5	< .5	< .04	< .5
Dodecane	NA	NA	NA	NA	NA
Ethylbenzene	< .5	< .5	0.03	0.06	< .5
Hexachlorobutadiene	< .5	< .5	< .5	< .04	< .5
Isopropylbenzene	< .5	< .5	< .5	< .01	< .5
Methylene Chloride	< .5	< .5	< .5	< .03	< .5
Methylpropene	NA	NA	NA	NA	NA
Naphthalene	< .5	< .5	< .5	< .03	< .5
Styrene	< .5	< .5	< .5	< .04	< .5
Tetrachloroethene	280	280	0.21	0.08	0.09
Toluene	< .5	< .5	0.42	0.35	< .5
Total Xylenes	< 3.8	< 3.8	< .04	0.24	< .04
Trichloroethene	650 J	630 J	0.35	0.39	< .5
Trichlorofluoromethane	< .5	49	0.12	< .05	< .5
Vinyl Chloride	< .5	< .5	0.08	< .07	< .5
cis-1,2-Dichloroethene	7.1	7.1	1.8	0.04	< .5
cis-1,3-Dichloropropene	< .5	< .5	< .5	< .03	< .5
m & p-Xylenes	< 2	< 2	< 2	0.17	< 2
n-Butylbenzene	< .5	< .5	< .5	< .02	< .5
n-Propylbenzene	< .5	< .5	< .5	0.02	< .5
o-Xylene	< .5	< .5	0.04	0.07	< .5
p-Isopropyltoluene	< .5	< .5	< .5	< .02	< .5
s-Butylbenzene	< .5	< .5	< .5	< .01	< .5
t-Butylbenzene	< .5	< .5	< .5	< .01	< .5
trans-1,2-Dichloroethene	< .5	< .5	< .5	< .05	< .5
trans-1,3-Dichloropropene	< .5	< .5	< .5	< .03	< .5
Test Group:Gastech Units:ppm					
Hydrogen Sulfide					
Methane					

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APPENDIX E

Surface Soil and Sediment Results

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APPENDIX E LEGEND

A = Data acceptable
B = Indicates compound was found in blank and sample
D = Compounds identified using Secondary Dilution Factor - Organic
J = Estimated value
NC = Compound in only one sample at this site.
R = Data are rejected
U = Not detected at/above method detection limit
V = Valid data
Y = Results in validation process
Z = Sample result will not be validated.
* = Compound exceeds PRG
** = No non-detects reported

BKGND = Background
BNACLP = Base Neutral Acid Contract Laboratory Program Method
E_TPH8015A = Extractable Total Petroleum Hydrocarbons Method 8015A
IHSS = Individual Hazardous Substance Site
MDL = Method Detection Limit
METADD = Metals Added
mg/kg = milligrams per kilogram
OU = Operable Unit
NA = not analyzed
pCi/g = picocuries per gram
pCi/L = picocuries per liter
pH = measure of acidity/alkalinity
PRG = Preliminary Remediation Goal
QC = quality control
RPD = relative percent difference
SMETCLP = Standard Metals Contract Laboratory Program
SQL = Sample Quantitation Limit
TPH8015A = Total Petroleum Hydrocarbons Method 8015A
TRADS = Total Radionuclides
V_TPH8015A = Volatile Total Petroleum Hydrocarbons Method 8015A
WQPL = Water Quality Parameter List
%REC = Percent Recovery
µg/g = micrograms per gram
µg/kg = micrograms per kilogram

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TABLE E-1
Surface Soil Results
OU8 - IHSS 123.1
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS800193 SSG0001JE 2-Dec-94	SS800293 SSG0002JE 2-Dec-94	SS800393 SSG0003JE 1-Dec-94	SS800493 SSG0004JE 1-Dec-94	SS800593 SSG0005JE 1-Dec-94	SS800693 SSG0006JE 1-Dec-94	SS800793 SSG0007JE 1-Dec-94	SS800793 SSG0145JE 1-Dec-94	SS800893 SSG0008JE 1-Dec-94	SS800993 SSG0009JE 1-Dec-94
Test Group:BNACLP Units:µg/kg										
1,2,4-TRICHLOROBENZENE	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
1,2-DICHLOROBENZENE	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
1,3-DICHLOROBENZENE	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
1,4-DICHLOROBENZENE	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
2,4,5-TRICHLOROPHENOL	< 1800 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1700 :V	< 1800 :V	< 1800 :V	< 1700 :V
2,4,6-TRICHLOROPHENOL	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
2,4-DICHLOROPHENOL	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
2,4-DIMETHYLPHENOL	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
2,4-DINITROPHENOL	< 1800 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1700 :V	< 1800 :V	< 1800 :V	< 1700 :V
2,4-DINITROTOLUENE	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
2,6-DINITROTOLUENE	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
2-CHLORONAPHTHALENE	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
2-CHLOROPHENOL	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
2-METHYLNAPHTHALENE	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
2-METHYLPHENOL	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
2-NITROANILINE	< 1800 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1700 :V	< 1800 :V	< 1800 :V	< 1700 :V
2-NITROPHENOL	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
3,3'-DICHLOROBENZIDINE	< 730 :V	< 730 :V	< 730 :V	< 730 :V	< 740 :V	< 730 :V	< 710 :V	< 730 :V	< 730 :V	< 720 :V
3-NITROANILINE	< 1800 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1700 :V	< 1800 :V	< 1800 :V	< 1700 :V
4,6-DINITRO-2-METHYLPHENOL	< 1800 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1700 :V	< 1800 :V	< 1800 :V	< 1700 :V
4-CHLORO-3-METHYLPHENOL	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
4-CHLOROANILINE	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
4-CHLOROPHENYL PHENYL ETHER	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
4-METHYLPHENOL	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
4-NITROANILINE	< 1800 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1700 :V	< 1800 :V	< 1800 :V	< 1700 :V
4-NITROPHENOL	< 1800 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1700 :V	< 1800 :V	< 1800 :V	< 1700 :V
ACENAPHTHENE	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
ACENAPHTHYLENE	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
ANTHRACENE	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
BENZO(a)ANTHRACENE	54 J:A	94 J:A	56 J:A	78 J:A	39 J:A	< 370 :V	55 J:A	38 J:A	< 370 :V	< 360 :V
BENZO(a)PYRENE	85 J:A	160 J:A	67 J:A	93 J:A	45 J:A	39 J:A	71 J:A	44 J:A	40 J:A	< 360 :V
BENZO(b)FLUORANTHENE	120 J:A	230 J:A	96 J:A	120 J:A	64 J:A	63 J:A	100 J:A	59 J:A	62 J:A	< 360 :V
BENZO(ghi)PERYLENE	42 J:A	79 J:A	< 370 :V	46 J:A	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
BENZO(k)FLUORANTHENE	44 J:A	89 J:A	< 370 :V	44 J:A	< 370 :V	< 370 :V	39 J:A	< 360 :V	< 370 :V	< 360 :V
BENZOIC ACID	< 1800 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1700 :V	< 1800 :V	< 1800 :V	< 1700 :V
BENZYL ALCOHOL	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :R	< 360 :R	< 360 :V	< 370 :R	< 360 :V
BIS(2-CHLOROETHOXY)METHANE	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
BIS(2-CHLOROETHYL)ETHER	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
BIS(2-CHLOROISOPROPYL)ETHER	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
BIS(2-ETHYLHEXYL)PHTHALATE	93 J:A	120 J:A	110 J:A	49 J:A	< 370 :V	< 370 :V	80 J:A	93 J:A	67 J:A	< 360 :V
BUTYL BENZYL PHTHALATE	< 370 :J	< 370 :J	60 J:A	60 J:A	< 370 :V	86 J:A	100 J:A	88 J:A	< 370 :V	37 J:A
CHRYSENE	76 J:A	150 J:A	71 J:A	97 J:A	53 J:A	39 J:A	67 J:A	47 J:A	42 J:A	< 360 :V
DI-n-BUTYL PHTHALATE	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
DI-n-OCTYL PHTHALATE	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	38 J:A	58 J:A	< 360 :V	< 370 :V	< 360 :V
DIBENZO(a,h)ANTHRACENE	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V

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TABLE E-1
Surface Soil Results
OU8 - IHSS 123.1
Rocky Flats Environmental Technology Site

Sample Location:	SS800193	SS800293	SS800393	SS800493	SS800593	SS800693	SS800793	SS800793	SS800893	SS800993
Sample Identification Number:	SSG0001JE	SSG0002JE	SSG0003JE	SSG0004JE	SSG0005JE	SSG0006JE	SSG0007JE	SSG0145JE	SSG0008JE	SSG0009JE
Date Sampled:	2-Dec-94	2-Dec-94	1-Dec-94	1-Dec-94	1-Dec-94	1-Dec-94	1-Dec-94	1-Dec-94	1-Dec-94	1-Dec-94
DIBENZOFURAN	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
DIETHYL PHTHALATE	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
DIMETHYL PHTHALATE	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
FLUORANTHENE	130 J:A	220 J:A	130 J:A	160 J:A	80 J:A	72 J:A	130 J:A	81 J:A	78 J:A	< 360 :V
FLUORENE	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
HEXACHLOROBENZENE	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
HEXACHLOROBUTADIENE	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
HEXACHLOROCYCLOPENTADIENE	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
HEXACHLOROETHANE	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
INDENO(1,2,3-cd)PYRENE	41 J:A	91 J:A	< 370 :V	44 J:A	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
ISOPHORONE	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
N-NITROSO-DI-n-PROPYLAMINE	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
N-NITROSODIPHENYLAMINE	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
NAPHTHALENE	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
NITROBENZENE	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
PENTACHLOROPHENOL	< 1800 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1700 :V	< 1800 :V	< 1800 :V	< 1700 :V
PHENANTHRENE	66 J:A	120 J:A	58 J:A	75 J:A	41 J:A	< 370 :V	85 J:A	47 J:A	< 370 :V	< 360 :V
PHENOL	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
PYRENE	120 J:A	200 J:A	110 J:A	150 J:A	71 J:A	65 J:A	120 J:A	74 J:A	63 J:A	< 360 :V
p-BROMODIPHENYL ETHER	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 360 :V	< 360 :V	< 370 :V	< 360 :V
Test Group:E_TPH8015A Units:mg/kg										
DIESEL FUEL	< 28 :Y	< 28 :Y	< 28 :Y	< 28 :Y	< 28 :Y	< 28 :Y	< 27 :Y	< 27 :Y	< 28 :Y	< 27 :Y
Test Group:METADD Units:mg/kg										
CESIUM	4.1 B:V	4 B:V	< 4.3 :J	< 6.5 :J	< 6.2 :J	< 6.2 :J	< 6.1 :J	< 8.5 :J	< 4.4 :J	< 6.5 :J
LITHIUM	5.1 B:V	6.3 B:V	5.2 B:V	4.6 B:V	4.5 B:V	4.8 B:V	5.2 B:V	5.5 B:V	4.5 B:V	8.1 B:V
MOLYBDENUM	< .88 :J	< .49 :V	< .84 :J	< 1 :J	< .74 :J	< .83 :J	< .95 :J	< 1.1 :J	< .8 :J	< .85 :J
STRONTIUM	27.3 B:V	31.5 B:V	16.6 B:V	28.1 B:V	36.5 B:V	31.8 B:V	23.4 B:V	21.2 B:V	23.7 B:V	44.1 :V
TIN	< 2 :V	< 2 :V	< 2.1 :V	< 2.1 :V	< 2.1 :V	< 2.1 :V	< 2 :V	< 2.1 :V	< 2.2 :V	< 2.2 :V
Test Group:SMETCLP Units:mg/kg										
ALUMINUM	5700 :V	7160 :V	4920 :V	4700 :V	4480 :V	4190 :V	4560 :V	4770 :V	4270 :V	8570 :V
ANTIMONY	< 2.9 :J	< 2.3 :J	< 2.4 :J	< 2.4 :J	< 2.3 :J	< 2.3 :J	< 2.3 :J	< 2.4 :J	< 2.5 :J	< 2.4 :J
ARSENIC	2.9 :V	3.5 :V	2.9 :V	3 :V	2.4 :J	2.4 :J	2.2 :J	2.7 :V	2.6 :J	1.3 B:J
BARIUM	125 :V	102 :V	71.1 :V	80.5 :V	114 :V	75.3 :V	97.4 :V	92.7 :V	121 :V	34.3 B:V
BERYLLIUM	.49 B:V	.5 B:V	.33 B:V	.34 B:V	.42 B:V	.28 B:V	.32 B:V	.31 B:V	.26 B:V	.32 B:V
CADMIUM	< .29 :V	< .28 :V	< .3 :V	< .3 :V	< .29 :V	< .29 :V	< .29 :V	< .3 :V	< .31 :V	< .31 :V
CALCIUM	14200 :V	13600 :V	8790 :V	15600 :V	15500 :V	13700 :V	11400 :V	9320 :V	11800 :V	8730 :V
CHROMIUM	8 :V	9.4 :V	9.9 :V	13 :V	11.5 :V	13.6 :V	9.7 :V	13.8 :V	14.6 :V	9.5 :V
COBALT	4.9 B:V	4.6 B:V	4.3 B:V	4.2 B:V	4.3 B:V	3.9 B:V	4 B:V	5 B:V	4 B:V	11.1 :V
COPPER	17.3 :V	13.8 :V	10.3 :V	10.9 :V	11.8 :V	29.7 :V	12.8 :V	12.7 :V	10.6 :V	61.4 :V
IRON	11400 :V	10900 :V	7310 :V	7440 :V	7120 :V	7040 :V	7030 :V	8110 :V	6690 :V	18500 :V
LEAD	17.4 :V	15.3 :V	10.8 :V	11.6 :V	12.7 :V	18 :V	9 :V	9.8 :V	9.7 :V	7.1 :V
MAGNESIUM	2310 :V	2310 :V	1690 :V	1800 :V	1810 :V	1910 :V	2030 :V	1890 :V	1710 :V	7400 :V
MANGANESE	198 :V	181 :V	149 :V	172 :V	189 :V	157 :V	141 :V	170 :V	127 :V	473 :V
MERCURY	.06 B:V	< .055 :V	< .055 :V	< .056 :V	< .055 :V	< .056 :V	< .055 :V	< .052 :V	< .055 :V	< .052 :V
NICKEL	7.7 B:V	8.6 :V	7.4 B:V	7.8 B:V	7.1 B:V	6.6 B:V	7.7 B:V	7.5 B:V	6.7 B:V	12.3 :V
POTASSIUM	1330 :V	1340 :V	1250 :V	1260 :V	1100 :V	1150 :V	1200 :V	1260 :V	1100 :V	1560 :V

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TABLE E-1
Surface Soil Results
OU8 - IHSS 123.1
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS800193 SSG0001JE 2-Dec-94	SS800293 SSG0002JE 2-Dec-94	SS800393 SSG0003JE 1-Dec-94	SS800493 SSG0004JE 1-Dec-94	SS800593 SSG0005JE 1-Dec-94	SS800693 SSG0006JE 1-Dec-94	SS800793 SSG0007JE 1-Dec-94	SS800793 SSG0145JE 1-Dec-94	SS800893 SSG0008JE 1-Dec-94	SS800993 SSG0009JE 1-Dec-94
SELENIUM	< .51 :J	< .51 :J	< .54 :J	< .54 :J	< .52 :J	< .52 :J	< .51 :J	< .53 :J	< .55 :J	< .55 :J
SILVER	.59 B:J	< .49 :J	< .51 :V	< .52 :V	< .5 :V	< 1.1 :J	< .49 :V	< .61 :J	< .63 :J	< 2.1 :J
SODIUM	< 122 :J	< 106 :J	< 63.3 :J	< 55.1 :J	< 69.7 :J	< 88.6 :J	< 55.4 :J	< 58.9 :J	< 57.3 :J	1540 :V
THALLIUM	< .35 :V	< .34 :V	< .36 :V	< .37 :V	< .35 :V	< .35 :V	< .35 :V	< .36 :V	< .37 :V	< .37 :V
VANADIUM	16.8 :V	22.2 :V	17.7 :V	17.1 :V	16.7 :V	15.1 :V	17.3 :V	19.9 :V	16 :V	28.4 :V
ZINC	133 :V	474 :V	45.1 :V	56.6 :V	134 :V	54.7 :V	72 :V	75.5 :V	118 :V	37.5 :V
Test Group:TRADS Units:pCi/g										
AMERICIUM-241	.012(.012) U:Y	.017(.013) U:Y	.026(.018) :Y	.025(.012) :Y	.023(.014) :Y	.022(.012) :Y	.014(.013) U:Y	.014(.011) U:Y	.028(.014) :Y	.002(.008) U:Y
GROSS ALPHA	17(3.2) :Y	18(3.4) :Y	22(3.5) :Y	24(3.9) :Y	20(3.4) :Y	18(3.5) :Y	20(3.5) :Y	22(3.6) :Y	17(3.2) :Y	20(4) :Y
GROSS BETA	29(3.4) :Y	28(3.3) :Y	32(3.6) :Y	34(3.6) :Y	28(3.4) :Y	30(3.5) :Y	31(3.7) :Y	33(3.8) :Y	34(3.5) :Y	31(3.6) :Y
PLUTONIUM-239/240	.059(.013) :Y	.11(.015) :Y	.03(.007) :Y	.088(.016) :Y	.035(.009) :Y	.033(.01) :Y	.038(.011) :Y	.047(.009) :Y	.037(.01) :Y	.004(.005) U:Y
URANIUM-233,-234	.84(.21) :Y	.64(.16) :Y	.89(.16) :Y	.85(.14) :Y	.86(.15) :Y	.96(.15) :Y	.85(.14) :Y	.92(.15) :Y	.76(.078) B:Y	1.2(.11) B:Y
URANIUM-235	.066(.079) U:Y	.01(.021) U:Y	.055(.042) J:Y	.065(.036) J:Y	.036(.036) U:Y	.018(.023) U:Y	.022(.033) U:Y	.033(.039) U:Y	.038(.02) J:Y	.045(.025) J:Y
URANIUM-238	.87(.21) :Y	.78(.18) :Y	.91(.16) :Y	.86(.14) :Y	.96(.15) :Y	.98(.15) :Y	1(.15) :Y	.72(.14) :Y	.76(.078) :Y	1.1(.11) :Y
Test Group:V_TPH8015A Units:µg/kg										
GASOLINE	< 560 :Y	< 560 :Y	< 550 :Y	< 560 :Y	< 560 :Y	< 550 :Y	< 540 :Y	< 550 :Y	< 560 :Y	< 540 :Y
Test Group:WQPL Units:µg/g										
FLUORIDE	2.18 :V	2.26 :V	2.36 :V	1.87 :V	3.61 :V	2.52 :V	2.33 :V	2.97 :V	2.58 :V	2.06 :V
NITRATE/NITRITE	26.1 :V	38.7 :V	36.1 :J	32 :J	30.4 :J	32.8 :J	32.4 :J	24.7 :J	17.9 :J	29.7 :J
pH Units: pH	8.44 :V	8.33 :V	7.96 :V	8.21 :V	8.34 :V	8.36 :V	8.04 :V	8.13 :V	8.53 :V	8.8 :V

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TABLE E-2
Surface Soil Data Summary
OU8 - IHSS 123.1
Rocky Flats Environmental Technology Site

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
Test Group:BNACLP Units:µg/kg							
1,2,4-TRICHLOROBENZENE	330	360	SS800793 (2)	370	SS800193 (7)		
1,2-DICHLOROBENZENE	330	360	SS800793 (2)	370	SS800193 (7)		
1,3-DICHLOROBENZENE	330	360	SS800793 (2)	370	SS800193 (7)		
1,4-DICHLOROBENZENE	330	360	SS800793 (2)	370	SS800193 (7)		
2,4,5-TRICHLOROPHENOL	1600	1700	SS800793 (2)	1800	SS800193 (7)		
2,4,6-TRICHLOROPHENOL	330	360	SS800793 (2)	370	SS800193 (7)		
2,4-DICHLOROPHENOL	330	360	SS800793 (2)	370	SS800193 (7)		
2,4-DIMETHYLPHENOL	330	360	SS800793 (2)	370	SS800193 (7)		
2,4-DINITROPHENOL	1600	1700	SS800793 (2)	1800	SS800193 (7)		
2,4-DINITROTOLUENE	330	360	SS800793 (2)	370	SS800193 (7)		
2,6-DINITROTOLUENE	330	360	SS800793 (2)	370	SS800193 (7)		
2-CHLORONAPHTHALENE	330	360	SS800793 (2)	370	SS800193 (7)		
2-CHLOROPHENOL	330	360	SS800793 (2)	370	SS800193 (7)		
2-METHYLNAPHTHALENE	330	360	SS800793 (2)	370	SS800193 (7)		
2-METHYLPHENOL	330	360	SS800793 (2)	370	SS800193 (7)		
2-NITROANILINE	1600	1700	SS800793 (2)	1800	SS800193 (7)		
2-NITROPHENOL	330	360	SS800793 (2)	370	SS800193 (7)		
3,3'-DICHLOROBENZIDINE	660	710	SS800793 (1)	740	SS800593 (1)		
3-NITROANILINE	1600	1700	SS800793 (2)	1800	SS800193 (7)		
4,6-DINITRO-2-METHYLPHENOL	1600	1700	SS800793 (2)	1800	SS800193 (7)		
4-CHLORO-3-METHYLPHENOL	330	360	SS800793 (2)	370	SS800193 (7)		
4-CHLOROANILINE	330	360	SS800793 (2)	370	SS800193 (7)		
4-CHLOROPHENYL PHENYL ETHER	330	360	SS800793 (2)	370	SS800193 (7)		
4-METHYLPHENOL	330	360	SS800793 (2)	370	SS800193 (7)		
4-NITROANILINE	1600	1700	SS800793 (2)	1800	SS800193 (7)		
4-NITROPHENOL	1600	1700	SS800793 (2)	1800	SS800193 (7)		
ACENAPHTHENE	330	360	SS800793 (2)	370	SS800193 (7)		
ACENAPHTHYLENE	330	360	SS800793 (2)	370	SS800193 (7)		
ANTHRACENE	330	360	SS800793 (2)	370	SS800193 (7)		
BENZO(a)ANTHRACENE	330	360	SS800993 (1)	370	SS800693 (2)	39 J:A	SS800593 (1)
BENZO(a)PYRENE	330	360	SS800993 (1)	360	SS800993 (1)	39 J:A	SS800693 (1)
BENZO(b)FLUORANTHENE	330	360	SS800993 (1)	360	SS800993 (1)	62 J:A	SS800893 (1)
BENZO(ghi)PERYLENE	330	360	SS800793 (2)	370	SS800393 (4)	42 J:A	SS800193 (1)
BENZO(k)FLUORANTHENE	330	360	SS800993 (1)	370	SS800393 (4)	39 J:A	SS800793 (1)
BENZOIC ACID	1600	1700	SS800793 (2)	1800	SS800193 (7)		
BENZYL ALCOHOL	330	360	SS800993 (1)	370	SS800193 (5)		
BIS(2-CHLOROETHOXY)METHANE	330	360	SS800793 (2)	370	SS800193 (7)		
BIS(2-CHLOROETHYL)ETHER	330	360	SS800793 (2)	370	SS800193 (7)		
BIS(2-CHLOROISOPROPYL)ETHER	330	360	SS800793 (2)	370	SS800193 (7)		
BIS(2-ETHYLHEXYL)PHTHALATE	330	360	SS800993 (1)	370	SS800593 (2)	49 J:A	SS800493 (1)
BUTYL BENZYL PHTHALATE	330	370	SS800193 (4)	370	SS800193 (4)	37 J:A	SS800993 (1)
CHRYSENE	330	360	SS800993 (1)	360	SS800993 (1)	39 J:A	SS800693 (1)
DI-n-BUTYL PHTHALATE	330	360	SS800793 (2)	370	SS800193 (7)		
DI-n-OCTYL PHTHALATE	330	360	SS800993 (1)	370	SS800193 (6)	38 J:A	SS800693 (1)

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TABLE E-2
Surface Soil Data Summary
OU8 - IHSS 123.1
Rocky Flats Environmental Technology Site

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
DIBENZO(a,h)ANTHRACENE	330	360	SS800793 (2)	370	SS800193 (7)		
DIBENZOFURAN	330	360	SS800793 (2)	370	SS800193 (7)		
DIETHYL PHTHALATE	330	360	SS800793 (2)	370	SS800193 (7)		
DIMETHYL PHTHALATE	330	360	SS800793 (2)	370	SS800193 (7)		
FLUORANTHENE	330	360	SS800993 (1)	360	SS800993 (1)	72 J:A	SS800693 (1)
FLUORENE	330	360	SS800793 (2)	370	SS800193 (7)		
HEXACHLOROBENZENE	330	360	SS800793 (2)	370	SS800193 (7)		
HEXACHLOROBUTADIENE	330	360	SS800793 (2)	370	SS800193 (7)		
HEXACHLOROCYCLOPENTADIENE	330	360	SS800793 (2)	370	SS800193 (7)		
HEXACHLOROETHANE	330	360	SS800793 (2)	370	SS800193 (7)		
INDENO(1,2,3-cd)PYRENE	330	360	SS800793 (2)	370	SS800393 (4)	41 J:A	SS800193 (1)
ISOPHORONE	330	360	SS800793 (2)	370	SS800193 (7)		
N-NITROSO-DI-n-PROPYLAMINE	330	360	SS800793 (2)	370	SS800193 (7)		
N-NITROSODIPHENYLAMINE	330	360	SS800793 (2)	370	SS800193 (7)		
NAPHTHALENE	330	360	SS800793 (2)	370	SS800193 (7)		
NITROBENZENE	330	360	SS800793 (2)	370	SS800193 (7)		
PENTACHLOROPHENOL	1600	1700	SS800793 (2)	1800	SS800193 (7)		
PHENANTHRENE	330	360	SS800993 (1)	370	SS800693 (2)	41 J:A	SS800593 (1)
PHENOL	330	360	SS800793 (2)	370	SS800193 (7)		
PYRENE	330	360	SS800993 (1)	360	SS800993 (1)	63 J:A	SS800893 (1)
p-BROMODIPHENYL ETHER	330	360	SS800793 (2)	370	SS800193 (7)		
Test Group:E_TPH8015A Units:mg/kg							
DIESEL FUEL	25	27	SS800793 (2)	28	SS800193 (7)		
Test Group:METADD Units:mg/kg							
CESIUM	1000	4.3	SS800393 (1)	6.5	SS800493 (2)	4 B:V	SS800293 (1)
LITHIUM	100	**	**	**	**	4.5 B:V	SS800593 (2)
MOLYBDENUM	200	0.49	SS800293 (1)	1	SS800493 (1)		
STRONTIUM	200	**	**	**	**	16.6 B:V	SS800393 (1)
TIN	200	2	SS800193 (3)	2.2	SS800893 (2)		
Test Group:SMETCLP Units:mg/kg							
ALUMINUM	200	**	**	**	**	4190 :V	SS800693 (1)
ANTIMONY	60	2.3	SS800293 (4)	2.9	SS800193 (1)		
ARSENIC	10	**	**	**	**	1.3 B:J	SS800993 (1)
BARIUM	200	**	**	**	**	34.3 B:V	SS800993 (1)
BERYLLIUM	5	**	**	**	**	.26 B:V	SS800893 (1)
CADMIUM	5	0.28	SS800293 (1)	0.31	SS800893 (2)		
CALCIUM	5000	**	**	**	**	8730 :V	SS800993 (1)
CHROMIUM	10	**	**	**	**	8 :V	SS800193 (1)
COBALT	50	**	**	**	**	3.9 B:V	SS800693 (1)
COPPER	25	**	**	**	**	10.3 :V	SS800393 (1)
IRON	100	**	**	**	**	6690 :V	SS800893 (1)
LEAD	3	**	**	**	**	7.1 :V	SS800993 (1)
MAGNESIUM	5000	**	**	**	**	1690 :V	SS800393 (1)
MANGANESE	15	**	**	**	**	127 :V	SS800893 (1)
MERCURY	0.2	0.05	SS800793 (2)	0.06	SS800493 (2)	.06 B:V	SS800193 (1)

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TABLE E-2
Surface Soil Data Summary
OU8 - IHSS 123.1
Rocky Flats Environmental Technology Site

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
NICKEL	40	**	**	**	**	6.6 B:V	SS800693 (1)
POTASSIUM	5000	**	**	**	**	1100 :V	SS800593 (2)
SELENIUM	5	0.51	SS800193 (3)	0.55	SS800893 (2)		
SILVER	10	0.49	SS800293 (2)	2.1	SS800993 (1)	.59 B:J	SS800193 (1)
SODIUM	5000	55.1	SS800493 (1)	122	SS800193 (1)	1540 :V	SS800993 (1)
THALLIUM	10	0.34	SS800293 (1)	0.37	SS800493 (3)		
VANADIUM	50	**	**	**	**	15.1 :V	SS800693 (1)
ZINC	20	**	**	**	**	37.5 :V	SS800993 (1)
Test Group:TRADS Units:pCi/g							
AMERICIUM-241	0.01	**	**	**	**	.002(.008) U:Y	SS800993 (1)
GROSS ALPHA	3	**	**	**	**	17(3.2) :Y	SS800193 (2)
GROSS BETA	4	**	**	**	**	28(3.3) :Y	SS800293 (2)
PLUTONIUM-239/240	0.009	**	**	**	**	.004(.005) U:Y	SS800993 (1)
URANIUM-233,-234	0.03	**	**	**	**	.64(.16) :Y	SS800293 (1)
URANIUM-235	0.02	**	**	**	**	.01(.021) U:Y	SS800293 (1)
URANIUM-238	0.02	**	**	**	**	.72(.14) :Y	SS800793 (1)
Test Group:V_TPH8015A Units:µg/kg							
GASOLINE	100	540	SS800793 (2)	560	SS800193 (5)		
Test Group:WQPL Units:µg/g							
FLUORIDE	1	**	**	**	**	1.87 :V	SS800493 (1)
NITRATE/NITRITE	0.5	**	**	**	**	17.9 :J	SS800893 (1)
pH Units: pH	0.01	**	**	**	**	7.96 :V	SS800393 (1)

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TABLE E-2
Surface Soil Data Summary
OU8 - IHSS 123.1
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:BNACLP Units:µg/kg					
1,2,4-TRICHLOROBENZENE			0	9	0
1,2-DICHLOROBENZENE			0	9	0
1,3-DICHLOROBENZENE			0	9	0
1,4-DICHLOROBENZENE			0	9	0
2,4,5-TRICHLOROPHENOL			0	9	0
2,4,6-TRICHLOROPHENOL			0	9	0
2,4-DICHLOROPHENOL			0	9	0
2,4-DIMETHYLPHENOL			0	9	0
2,4-DINITROPHENOL			0	9	0
2,4-DINITROTOLUENE			0	9	0
2,6-DINITROTOLUENE			0	9	0
2-CHLORONAPHTHALENE			0	9	0
2-CHLOROPHENOL			0	9	0
2-METHYLNAPHTHALENE			0	9	0
2-METHYLPHENOL			0	9	0
2-NITROANILINE			0	9	0
2-NITROPHENOL			0	9	0
3,3'-DICHLOROBENZIDINE			0	9	0
3-NITROANILINE			0	9	0
4,6-DINITRO-2-METHYLPHENOL			0	9	0
4-CHLORO-3-METHYLPHENOL			0	9	0
4-CHLOROANILINE			0	9	0
4-CHLOROPHENYL PHENYL ETHER			0	9	0
4-METHYLPHENOL			0	9	0
4-NITROANILINE			0	9	0
4-NITROPHENOL			0	9	0
ACENAPHTHENE			0	9	0
ACENAPHTHYLENE			0	9	0
ANTHRACENE			0	9	0
BENZO(a)ANTHRACENE	94 J:A	SS800293 (1)	6	9	102.8889
BENZO(a)PYRENE	160 J:A	SS800293 (1)	8	9	86.6667
BENZO(b)FLUORANTHENE	230 J:A	SS800293 (1)	8	9	115
BENZO(ghi)PERYLENE	79 J:A	SS800293 (1)	3	9	140.7778
BENZO(k)FLUORANTHENE	89 J:A	SS800293 (1)	4	9	126.2222
BENZOIC ACID			0	9	0
BENZYL ALCOHOL			0	6	0
BIS(2-CHLOROETHOXY)METHANE			0	9	0
BIS(2-CHLOROETHYL)ETHER			0	9	0
BIS(2-CHLOROISOPROPYL)ETHER			0	9	0
BIS(2-ETHYLHEXYL)PHTHALATE	120 J:A	SS800293 (1)	6	9	120.2222
BUTYL BENZYL PHTHALATE	100 J:A	SS800793 (1)	5	9	120.3333
CHRYSENE	150 J:A	SS800293 (1)	8	9	86.1111
DI-n-BUTYL PHTHALATE			0	9	0
DI-n-OCTYL PHTHALATE	58 J:A	SS800793 (1)	2	9	154

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TABLE E-2
Surface Soil Data Summary
OU8 - IHSS 123.1
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
DIBENZO(a,h)ANTHRACENE			0	9	0
DIBENZOFURAN			0	9	0
DIETHYL PHTHALATE			0	9	0
DIMETHYL PHTHALATE			0	9	0
FLUORANTHENE	220 J:A	SS800293 (1)	8	9	131.1111
FLUORENE			0	9	0
HEXACHLOROBENZENE			0	9	0
HEXACHLOROBUTADIENE			0	9	0
HEXACHLOROCYCLOPENTADIENE			0	9	0
HEXACHLOROETHANE			0	9	0
INDENO(1,2,3-cd)PYRENE	91 J:A	SS800293 (1)	3	9	141.7778
ISOPHORONE			0	9	0
N-NITROSO-DI-n-PROPYLAMINE			0	9	0
N-NITROSODIPHENYLAMINE			0	9	0
NAPHTHALENE			0	9	0
NITROBENZENE			0	9	0
PENTACHLOROPHENOL			0	9	0
PHENANTHRENE	120 J:A	SS800293 (1)	6	9	110.5556
PHENOL			0	9	0
PYRENE	200 J:A	SS800293 (1)	8	9	119.8889
p-BROMODIPHENYL ETHER			0	9	0
Test Group:E_TPH8015A Units:mg/kg					
DIESEL FUEL			0	9	0
Test Group:METADD Units:mg/kg					
CESIUM	4.1 B:V	SS800193 (1)	2	9	3.1333
LITHIUM	8.1 B:V	SS800993 (1)	9	9	5.4
MOLYBDENUM			0	9	0
STRONTIUM	44.1 :V	SS800993 (1)	9	9	29.2222
TIN			0	9	0
Test Group:SMETCLP Units:mg/kg					
ALUMINUM	8570 :V	SS800993 (1)	9	9	5417.778
ANTIMONY			0	9	0
ARSENIC	3.5 :V	SS800293 (1)	9	9	2.6333
BARIUM	125 :V	SS800193 (1)	9	9	91.1778
BERYLLIUM	.5 B:V	SS800293 (1)	9	9	0.3622
CADMIUM			0	9	0
CALCIUM	15600 :V	SS800493 (1)	9	9	12591.11
CHROMIUM	14.6 :V	SS800893 (1)	9	9	11.4778
COBALT	11.1 :V	SS800993 (1)	9	9	5.1444
COPPER	61.4 :V	SS800993 (1)	9	9	19.8444
IRON	18500 :V	SS800993 (1)	9	9	9390
LEAD	18 :V	SS800693 (1)	9	9	12.4889
MAGNESIUM	7400 :V	SS800993 (1)	9	9	2552.222
MANGANESE	473 :V	SS800993 (1)	9	9	201.7778
MERCURY	.06 B:V	SS800193 (1)	1	9	0.0309

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TABLE E-2
Surface Soil Data Summary
OU8 - IHSS 123.1
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
NICKEL	12.3 :V	SS800993 (1)	9	9	7.9889
POTASSIUM	1560 :V	SS800993 (1)	9	9	1261.111
SELENIUM			0	9	0
SILVER	.59 B:J	SS800193 (1)	1	9	0.4178
SODIUM	1540 :V	SS800993 (1)	1	9	205.4111
THALLIUM			0	9	0
VANADIUM	28.4 :V	SS800993 (1)	9	9	18.8778
ZINC	474 :V	SS800293 (1)	9	9	125.3778
Test Group:TRADS Units:pCi/g					
AMERICIUM-241	.028(.014) :Y	SS800893 (1)	10	10	0.0183
GROSS ALPHA	24(3.9) :Y	SS800493 (1)	10	10	19.8
GROSS BETA	34(3.6) :Y	SS800493 (2)	10	10	31
PLUTONIUM-239/240	.11(.015) :Y	SS800293 (1)	10	10	0.0481
URANIUM-233,-234	1.2(.11) B:Y	SS800993 (1)	10	10	0.877
URANIUM-235	.066(.079) U:Y	SS800193 (1)	10	10	0.0388
URANIUM-238	1.1(.11) :Y	SS800993 (1)	10	10	0.894
Test Group:V_TPH8015A Units:µg/kg					
GASOLINE			0	9	0
Test Group:WQPL Units:µg/g					
FLUORIDE	3.61 :V	SS800593 (1)	9	9	2.49
NITRATE/NITRITE	38.7 :V	SS800293 (1)	9	9	30.6778
pH Units: pH	8.8 :V	SS800993 (1)	9	9	8.3444

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TABLE E-3
Surface Soil Results
OU8 - IHSS 135
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS801093 SSG0010JE 2-Nov-94	SS801193 SSG0011JE 2-Nov-94	SS801293 SSG0012JE 2-Nov-94	SS801393 SSG0013JE 2-Nov-94	SS801493 SSG0014JE 2-Nov-94
Test Group:E_TPH8015A Units:mg/kg					
DIESEL FUEL	< 25 :Y	< 25 :Y	< 25 :Y	< 25 :Y	< 25 :Y
Test Group:METADD Units:mg/kg					
CESIUM	< 3.9 :J	< 4 :J	< 4.2 :J	< 8.1 :J	< 3.9 :J
LITHIUM	2.2 B:V	2.7 B:V	2.9 B:V	4.6 B:V	2.6 B:V
MOLYBDENUM	< .92 :J	< .74 :J	< 4.4 :J	< .7 :J	4.8 B:V
STRONTIUM	10.2 :V	10.7 B:V	18.1 B:V	18 B:V	12.6 B:V
TIN	< 2 :J	< 2 :V	< 2.1 :V	< 2 :V	< 1.9 :V
Test Group:SMETCLP Units:mg/kg					
ALUMINUM	2460 :V	3180 :V	3870 :V	7440 :V	3150 :V
ANTIMONY	< 2.2 :J	2.8 B:J	< 2.4 :J	< 2.3 :J	< 2.2 :J
ARSENIC	3.8 :V	4.1 :V	5.6 :V	4.5 :V	3.4 :V
BARIUM	35.1 B:V	40.6 :V	108 :V	70.5 :V	96.8 :V
BERYLLIUM	< .2 :J	< .32 :J	< .23 :J	.68 B:V	< .28 :J
CADMIUM	< .27 :V	< .31 :J	< .29 :V	< .28 :V	< .27 :V
CALCIUM	1500 I:J	1460 I:J	2620 I:J	4570 I:J	2760 I:J
CHROMIUM	6.6 :V	6.1 :V	12 :V	9.2 :V	6.1 :V
COBALT	2.1 B:V	2.8 B:V	3.2 B:V	5.1 B:V	2.5 B:V
COPPER	15.8 :V	15.6 :V	65.2 :V	14.1 :V	13.4 :V
IRON	4820 :V	5870 :V	8690 :V	12000 :V	7040 :V
LEAD	6.8 :V	7.1 :V	9.1 :V	9.9 :V	6 :V
MAGNESIUM	772 B:V	945 B:V	1330 :V	2170 :V	1020 :V
MANGANESE	82 :V	90.3 :V	164 :V	204 :V	96.6 :V
MERCURY	< .049 :V	< .052 :V	.057 B:V	< .053 :V	< .051 :V
NICKEL	4.3 B:V	4.8 B:V	6.3 B:V	9.1 :V	5.6 B:V
POTASSIUM	653 B:V	718 B:V	818 B:V	1300 :V	729 B:V
SELENIUM	< .49 :V	< .5 :V	< .53 :V	< .51 :V	< .48 :V
SILVER	< .72 :J	< .72 :J	< .67 :J	< .95 :J	< .82 :J
SODIUM	63.7 B:V	107 B:V	151 B:V	147 B:V	92.9 B:V
THALLIUM	< .33 :V	< .34 :V	< .36 :V	< .34 :V	< .33 :V
VANADIUM	10.4 :V	12.8 :V	13.7 :V	25.5 :V	11.8 :V
ZINC	47.5 :V	60.8 :V	146 :V	52.9 :V	50.3 :V
Test Group:TPH8015A Units:%REC					
A,A,A-TFT	71 :Y	63 :Y	65 :Y	58 :Y	65 :Y
Test Group:TRADS Units:pCi/G					
AMERICIUM-241	.024(.018) :V	.12(.027) :V	.1(.025) :V	.045(.015) :V	.025(.012) :V
GROSS ALPHA	10(2.4) :A	9.7(2.3) :A	15(2.7) :A	8.5(2.4) :A	9.4(2.3) :A
GROSS BETA	29(3.3) :A	27(3.5) :A	24(3.5) :A	25(3.2) :A	22(3.2) :A
PLUTONIUM-239/240	.05(.016) :V	.14(.025) :V	.74(.068) :V	.054(.015) :V	.012(.008) J:V
TRITIUM	160(190) U:A	200(310) U:A	100(180) U:A	26(150) U:A	49(140) U:A
URANIUM-233,-234	.76(.22) :V	.54(.14) :V	.71(.17) :V	.75(.19) :V	.52(.15) :V
URANIUM-235	.25(.13) J:V	.009(.018) U:V	.028(.038) U:V	.059(.047) U:V	.033(.044) U:V
URANIUM-238	.78(.22) :V	.48(.12) :V	.73(.17) :V	.63(.17) :V	.67(.17) :V
Test Group:V_TPH8015A Units:µg/kg					
GASOLINE	< 510 :Y	< 520 :Y	< 530 :Y	< 520 :Y	< 510 :Y

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TABLE E-4
Surface Soil Data Summary
OU8 - IHSS 135
Rocky Flats Environmental Technology Site

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *	Maximum Concentration
Test Group:E_TPH8015A Units:mg/kg								
DIESEL FUEL	5	25	SS801093 (5)	25	SS801093 (5)			
Test Group:METADD Units:mg/kg								
CESIUM	1000	3.9	SS801093 (2)	8.1	SS801393 (1)			
LITHIUM	100	**	**	**	**	2.2 B:V	SS801093 (1)	4.6 B:V
MOLYBDENUM	200	0.7	SS801393 (1)	4.4	SS801293 (1)	4.8 B:V	SS801493 (1)	4.8 B:V
STRONTIUM	200	**	**	**	**	10.2 :V	SS801093 (1)	18.1 B:V
TIN	200	1.9	SS801493 (1)	2.1	SS801293 (1)			
Test Group:SMETCLP Units:mg/kg								
ALUMINUM	200	**	**	**	**	2460 :V	SS801093 (1)	7440 :V
ANTIMONY	60	2.2	SS801093 (2)	2.4	SS801293 (1)	2.8 B:J	SS801193 (1)	2.8 B:J
ARSENIC	10	**	**	**	**	3.4 :V	SS801493 (1)	5.6 :V
BARIUM	200	**	**	**	**	35.1 B:V	SS801093 (1)	108 :V
BERYLLIUM	5	0.2	SS801093 (1)	0.32	SS801193 (1)	.68 B:V	SS801393 (1)	.68 B:V
CADMIUM	5	0.27	SS801093 (2)	0.31	SS801193 (1)			
CALCIUM	5000	**	**	**	**	1460 I:J	SS801193 (1)	4570 I:J
CHROMIUM	10	**	**	**	**	6.1 :V	SS801193 (2)	12 :V
COBALT	50	**	**	**	**	2.1 B:V	SS801093 (1)	5.1 B:V
COPPER	25	**	**	**	**	13.4 :V	SS801493 (1)	65.2 :V
IRON	100	**	**	**	**	4820 :V	SS801093 (1)	12000 :V
LEAD	3	**	**	**	**	6 :V	SS801493 (1)	9.9 :V
MAGNESIUM	5000	**	**	**	**	772 B:V	SS801093 (1)	2170 :V
MANGANESE	15	**	**	**	**	82 :V	SS801093 (1)	204 :V
MERCURY	0.2	0.05	SS801093 (1)	0.05	SS801393 (1)	.057 B:V	SS801293 (1)	.057 B:V
NICKEL	40	**	**	**	**	4.3 B:V	SS801093 (1)	9.1 :V
POTASSIUM	5000	**	**	**	**	653 B:V	SS801093 (1)	1300 :V
SELENIUM	5	0.48	SS801493 (1)	0.53	SS801293 (1)			
SILVER	10	0.67	SS801293 (1)	0.95	SS801393 (1)			
SODIUM	5000	**	**	**	**	63.7 B:V	SS801093 (1)	151 B:V
THALLIUM	10	0.33	SS801093 (2)	0.36	SS801293 (1)			
VANADIUM	50	**	**	**	**	10.4 :V	SS801093 (1)	25.5 :V
ZINC	20	**	**	**	**	47.5 :V	SS801093 (1)	146 :V
Test Group:TPH8015A Units:%REC								
A,A,A-TFT	0	**	**	**	**	58 :Y	SS801393 (1)	71 :Y
Test Group:TRADS Units:pCi/g								
AMERICIUM-241	0.009	**	**	**	**	.024(.018) :V	SS801093 (1)	.12(.027) :V
GROSS ALPHA	2	**	**	**	**	8.5(2.4) :A	SS801393 (1)	15(2.7) :A
GROSS BETA	4	**	**	**	**	22(3.2) :A	SS801493 (1)	29(3.3) :A
PLUTONIUM-239/240	0.008	**	**	**	**	.012(.008) J:V	SS801493 (1)	.74(.068) :V
TRITIUM	300	**	**	**	**	26(150) U:A	SS801393 (1)	200(310) U:A
URANIUM-233,-234	0.07	**	**	**	**	.52(.15) :V	SS801493 (1)	.76(.22) :V
URANIUM-235	0.08	**	**	**	**	.009(.018) U:V	SS801193 (1)	.25(.13) J:V
URANIUM-238	0.07	**	**	**	**	.48(.12) :V	SS801193 (1)	.78(.22) :V
Test Group:V_TPH8015A Units:µg/kg								
GASOLINE	100	510	SS801093 (4)	530	SS801293 (2)			

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TABLE E-4
Surface Soil Data Summary
OU8 - IHSS 135
Rocky Flats Environmental Technology Site

	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:E_TPH8015A Units:mg/kg				
DIESEL FUEL		0	5	0
Test Group:METADD Units:mg/kg				
CESIUM		0	5	0
LITHIUM	SS801393 (1)	5	5	3
MOLYBDENUM	SS801493 (1)	1	5	1.636
STRONTIUM	SS801293 (1)	5	5	13.92
TIN		0	5	0
Test Group:SMETCLP Units:mg/kg				
ALUMINUM	SS801393 (1)	5	5	4020
ANTIMONY	SS801193 (1)	1	5	1.47
ARSENIC	SS801293 (1)	5	5	4.28
BARIUM	SS801293 (1)	5	5	70.2
BERYLLIUM	SS801393 (1)	1	5	0.239
CADMIUM		0	5	0
CALCIUM	SS801393 (1)	5	5	2582
CHROMIUM	SS801293 (1)	5	5	8
COBALT	SS801393 (1)	5	5	3.14
COPPER	SS801293 (1)	5	5	24.82
IRON	SS801393 (1)	5	5	7684
LEAD	SS801393 (1)	5	5	7.78
MAGNESIUM	SS801393 (1)	5	5	1247.4
MANGANESE	SS801393 (1)	5	5	127.38
MERCURY	SS801293 (1)	1	5	0.0319
NICKEL	SS801393 (1)	5	5	6.02
POTASSIUM	SS801393 (1)	5	5	843.6
SELENIUM		0	5	0
SILVER		0	5	0
SODIUM	SS801293 (1)	5	5	112.32
THALLIUM		0	5	0
VANADIUM	SS801393 (1)	5	5	14.84
ZINC	SS801293 (1)	5	5	71.5
Test Group:TPH8015A Units:%REC				
A,A,A-TFT	SS801093 (1)	5	5	64.4
Test Group:TRADS Units:pCi/g				
AMERICIUM-241	SS801193 (1)	5	5	0.0628
GROSS ALPHA	SS801293 (1)	5	5	10.52
GROSS BETA	SS801093 (1)	5	5	25.4
PLUTONIUM-239/240	SS801293 (1)	5	5	0.1992
TRITIUM	SS801193 (1)	5	5	107
URANIUM-233,-234	SS801093 (1)	5	5	0.656
URANIUM-235	SS801093 (1)	5	5	0.0758
URANIUM-238	SS801093 (1)	5	5	0.658
Test Group:V_TPH8015A Units:µg/kg				
GASOLINE		0	10	0

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TABLE E-5
Surface Soil Results
OU8 - IHSS 137
Rocky Flats Environmental Technology Site

Sample Location:	SS801593	SS801693	SS801793	SS801893	SS801993	SS802093	SS802093	SS802193
Sample Identification Number:	SSG0015JE	SSG0016JE	SSG0017JE	SSG0018JE	SSG0019JE	SSG0020JE	SSG0120JE	SSG0021JE
Date Sampled:	27-Oct-94	27-Oct-94	27-Oct-94	27-Oct-94	27-Oct-94	27-Oct-94	27-Oct-94	27-Oct-94
Test Group:BNACLP Units:µg/kg								
1,2,4-TRICHLOROBENZENE	< 350 :V	< 350 :V	< 360 :V	< 430 :V	< 700 :V	< 370 :V	< 370 :V	< 350 :V
1,2-DICHLOROBENZENE	< 350 :V	< 350 :V	< 360 :V	< 430 :V	< 700 :V	< 370 :V	< 370 :V	< 350 :V
1,3-DICHLOROBENZENE	< 350 :V	< 350 :V	< 360 :V	< 430 :V	< 700 :V	< 370 :V	< 370 :V	< 350 :V
1,4-DICHLOROBENZENE	< 350 :V	< 350 :V	< 360 :V	< 430 :V	< 700 :V	< 370 :V	< 370 :V	< 350 :V
2,4,5-TRICHLOROPHENOL	< 1700 :V	< 1700 :V	< 1800 :V	< 2100 :V	< 3400 :V	< 1800 :V	< 1800 :V	< 1700 :V
2,4,6-TRICHLOROPHENOL	< 350 :V	< 350 :V	< 360 :V	< 430 :V	< 700 :V	< 370 :V	< 370 :V	< 350 :V
2,4-DICHLOROPHENOL	< 350 :V	< 350 :V	< 360 :V	< 430 :V	< 700 :V	< 370 :V	< 370 :V	< 350 :V
2,4-DIMETHYLPHENOL	< 350 :V	< 350 :V	< 360 :V	< 430 :V	< 700 :V	< 370 :V	< 370 :V	< 350 :V
2,4-DINITROPHENOL	< 1700 :V	< 1700 :V	< 1800 :V	< 2100 :V	< 3400 :V	< 1800 :V	< 1800 :V	< 1700 :V
2,4-DINITROTOLUENE	< 350 :V	< 350 :V	< 360 :V	< 430 :V	< 700 :V	< 370 :V	< 370 :V	< 350 :V
2,6-DINITROTOLUENE	< 350 :V	< 350 :V	< 360 :V	< 430 :V	< 700 :V	< 370 :V	< 370 :V	< 350 :V
2-CHLORONAPHTHALENE	< 350 :V	< 350 :V	< 360 :V	< 430 :V	< 700 :V	< 370 :V	< 370 :V	< 350 :V
2-CHLOROPHENOL	< 350 :V	< 350 :V	< 360 :V	< 430 :V	< 700 :V	< 370 :V	< 370 :V	< 350 :V
2-METHYLNAPHTHALENE	37 J:A	36 J:A	94 J:A	< 430 :V	< 700 :V	140 J:A	170 J:A	82 J:A
2-METHYLPHENOL	< 350 :V	< 350 :V	< 360 :V	< 430 :V	< 700 :V	< 370 :V	< 370 :V	< 350 :V
2-NITROANILINE	< 1700 :V	< 1700 :V	< 1800 :V	< 2100 :V	< 3400 :V	< 1800 :V	< 1800 :V	< 1700 :V
2-NITROPHENOL	< 350 :V	< 350 :V	< 360 :V	< 430 :V	< 700 :V	< 370 :V	< 370 :V	< 350 :V
3,3'-DICHLOROBENZIDINE	< 710 :V	< 690 :V	< 730 :V	< 870 :V	< 1400 :V	< 730 :V	< 740 :V	< 710 :V
3-NITROANILINE	< 1700 :V	< 1700 :V	< 1800 :V	< 2100 :V	< 3400 :R	< 1800 :R	< 1800 :R	< 1700 :R
4,6-DINITRO-2-METHYLPHENOL	< 1700 :V	< 1700 :V	< 1800 :V	< 2100 :V	< 3400 :V	< 1800 :V	< 1800 :V	< 1700 :V
4-CHLORO-3-METHYLPHENOL	< 350 :V	< 350 :V	< 360 :V	< 430 :V	< 700 :V	< 370 :V	< 370 :V	< 350 :V
4-CHLOROANILINE	< 350 :V	< 350 :V	< 360 :V	< 430 :V	< 700 :V	< 370 :V	< 370 :V	< 350 :V
4-CHLOROPHENYL PHENYL ETHER	< 350 :V	< 350 :V	< 360 :V	< 430 :V	< 700 :V	< 370 :V	< 370 :V	< 350 :V
4-METHYLPHENOL	< 350 :V	< 350 :V	< 360 :V	< 430 :V	< 700 :V	< 370 :V	< 370 :V	< 350 :V
4-NITROANILINE	< 1700 :V	< 1700 :V	< 1800 :V	< 2100 :V	< 3400 :V	< 1800 :V	< 1800 :V	< 1700 :V
4-NITROPHENOL	< 1700 :V	< 1700 :V	< 1800 :V	< 2100 :V	< 3400 :V	< 1800 :V	< 1800 :V	< 1700 :V
ACENAPHTHENE	340 J:A	360 :V	840 :V	740 :V	470 J:A	810 :V	1000 :V	460 :V
ACENAPHTHYLENE	< 350 :V	< 350 :V	< 360 :V	< 430 :V	< 700 :V	< 370 :V	53 J:A	< 350 :V
ANTHRACENE	420 :V	410 :V	800 :V	900 :V	530 J:A	930 :V	1100 :V	550 :V
BENZO(a)ANTHRACENE	930 :V	880 :V	2300 :V	2600 :V	1800 :V	1700 :V	1900 :V	850 :V
BENZO(a)PYRENE	960 :V	890 :V	2000 :V	2300 :V	2000 :V	1500 :V	1500 :V	890 :V
BENZO(b)FLUORANTHENE	1200 :V	1200 :V	2800 :V	3200 D:V	3400 :V	2100 :V	2500 :V	1100 :V
BENZO(ghi)PERYLENE	640 :V	530 :V	1000 :V	1000 :V	1300 :V	600 :V	320 J:A	400 :V
BENZO(k)FLUORANTHENE	460 :J	400 :J	650 :J	920 :V	950 :J	660 :J	630 :J	450 :J
BENZOIC ACID	< 1700 :V	< 1700 :V	< 1800 :V	< 2100 :V	< 3400 :V	< 1800 :V	< 1800 :V	< 1700 :V
BENZYL ALCOHOL	< 350 :V	< 350 :V	< 360 :V	< 1100 :V	< 700 :V	< 370 :V	< 370 :V	< 350 :V
BIS(2-CHLOROETHOXY)METHANE	< 350 :V	< 350 :V	< 360 :V	< 430 :V	< 700 :V	< 370 :V	< 370 :V	< 350 :V

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TABLE E-5
Surface Soil Results
OU8 - IHSS 137
Rocky Flats Environmental Technology Site

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Sample Location: Sample Identification Number: Date Sampled:	SS801593 SSG0015JE 27-Oct-94	SS801693 SSG0016JE 27-Oct-94	SS801793 SSG0017JE 27-Oct-94	SS801893 SSG0018JE 27-Oct-94	SS801993 SSG0019JE 27-Oct-94	SS802093 SSG0020JE 27-Oct-94	SS802093 SSG0120JE 27-Oct-94	SS802193 SSG0021JE 27-Oct-94
BIS(2-CHLOROETHYL)ETHER	< 350 :V	< 350 :V	< 360 :V	< 430 :V	< 700 :V	< 370 :V	< 370 :V	< 350 :V
BIS(2-CHLOROISOPROPYL)ETHER	< 350 :V	< 350 :V	< 360 :V	< 430 :V	< 700 :V	< 370 :V	< 370 :V	< 350 :V
BIS(2-ETHYLHEXYL)PHTHALATE	190 J:A	110 J:A	140 J:A	390 J:A	730 :V	280 J:A	200 J:A	140 J:A
BUTYL BENZYL PHTHALATE	< 350 :J	< 350 :V	< 360 :J	< 440 :J	< 700 :J	< 370 :J	< 370 :J	< 350 :J
CHRYSENE	870 :V	870 :V	2200 :V	2900 :V	2200 :V	1800 :V	2000 :V	910 :V
DI-n-BUTYL PHTHALATE	54 J:A	37 J:A	37 J:A	170 J:A	96 J:A	< 370 :V	42 J:A	< 350 :V
DI-n-OCTYL PHTHALATE	< 350 :V	< 350 :V	< 360 :V	< 430 :V	< 700 :V	< 370 :V	< 370 :V	< 350 :V
DIBENZO(a,h)ANTHRACENE	220 J:A	200 J:A	350 J:A	300 J:A	540 J:A	360 J:A	360 J:A	190 J:A
DIBENZOFURAN	110 J:A	100 J:A	260 J:A	200 J:A	140 J:A	300 J:A	360 J:A	170 J:A
DIETHYL PHTHALATE	< 350 :V	< 350 :V	< 360 :V	< 430 :V	< 700 :V	< 370 :V	< 370 :V	< 350 :V
DIMETHYL PHTHALATE	89 J:A	< 350 :V	< 360 :V	< 430 :V	< 700 :V	< 370 :V	< 370 :V	< 350 :V
FLUORANTHENE	2100 :V	1900 :V	7700 D:V	6500 D:V	3600 :V	6000 D:V	5800 D:V	2400 :V
FLUORENE	280 J:A	260 J:A	630 :V	570 :V	360 J:A	680 :V	810 :V	360 :V
HEXACHLOROBENZENE	< 350 :V	< 350 :V	< 360 :V	< 430 :V	< 700 :V	< 370 :V	< 370 :V	< 350 :V
HEXACHLOROBUTADIENE	< 350 :V	< 350 :V	< 360 :V	< 430 :V	< 700 :V	< 370 :V	< 370 :V	< 350 :V
HEXACHLOROCYCLOPENTADIENE	< 350 :V	< 350 :V	< 360 :V	< 430 :V	< 700 :V	< 370 :V	< 370 :V	< 350 :V
HEXACHLOROETHANE	< 350 :V	< 350 :V	< 360 :V	< 430 :V	< 700 :V	< 370 :V	< 370 :V	< 350 :V
INDENO(1,2,3-cd)PYRENE	800 :V	670 :V	1300 :V	1300 :V	1700 :V	1100 :V	1100 :V	600 :V
ISOPHORONE	< 350 :V	< 350 :V	< 360 :V	< 430 :V	< 700 :V	< 370 :V	< 370 :V	< 350 :V
N-NITROSO-DI-n-PROPYLAMINE	< 350 :V	< 350 :V	< 360 :V	< 430 :V	< 700 :V	< 370 :V	< 370 :V	< 350 :V
N-NITROSODIPHENYLAMINE	< 350 :V	< 350 :V	< 360 :V	< 430 :V	< 700 :V	< 370 :V	< 370 :V	< 350 :V
NAPHTHALENE	78 J:A	86 J:A	170 J:A	< 430 :V	120 J:A	310 J:A	380 :V	190 J:A
NITROBENZENE	< 350 :V	< 350 :V	< 360 :V	< 430 :V	< 700 :V	< 370 :V	< 370 :V	< 350 :V
PHENANTHRENE	< 1700 :V	< 1700 :V	< 1800 :V	< 2100 :V	< 3400 :V	< 1800 :V	< 1800 :V	< 1700 :V
PHENANTHRENE	1600 :V	1500 :V	5500 D:V	4600 D:V	2500 :V	5100 D:V	5000 D:V	2000 :V
PHENOL	< 350 :V	< 350 :V	< 360 :V	< 430 :V	< 700 :V	< 370 :V	< 370 :V	< 350 :V
PYRENE	1700 :V	1700 :V	6400 D:V	4500 D:V	2700 :V	4400 D:V	4200 D:V	1600 :V
p-BROMODIPHENYL ETHER	< 350 :V	< 350 :V	< 360 :V	< 430 :V	< 700 :V	< 370 :V	< 370 :V	< 350 :V
Test Group:METADD Units:mg/kg								
CESIUM	< 6 :J	< 7.7 :J	< 10.8 :J	< 7.8 :J	< 14.7 :J	< 6.6 :J	< 8.5 :J	< 6.5 :J
LITHIUM	6.7 B:J	6.5 B:V	8.8 B:V	10.3 B:V	13.6 B:V	9.6 B:V	8.7 B:V	9.8 B:V
MOLYBDENUM	9.7 B:J	< 2.8 :J	< 4 :J	7.9 B:J	< 6.8 :J	7.8 B:J	10.1 B:J	5.2 B:V
STRONTIUM	112 :J	37.6 B:V	37.6 B:J	198 :J	241 :V	99.5 :J	98.3 :J	18.8 B:V
TIN	12.2 B:J	< 1.9 :V	< 2.1 :J	< 3.3 :J	< 11.8 :J	< 2.2 :J	< 5.8 :J	< 2.1 :V
Test Group:SMETCLP Units:mg/kg								
ALUMINUM	8700 :V	8830 :V	13700 :V	16500 :V	19200 :V	19600 :V	17700 :V	13900 :V
ANTIMONY	< 2.3 :J	< 2.2 :J	< 2.4 :J	< 2.9 :J	< 4.1 :J	3.1 B:J	2.8 B:J	3.5 B:J
ARSENIC	10.7 :V	7.7 :V	8 :V	56.2 :V	201 :V	14.2 :V	15.4 :V	17 :V

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TABLE E-5
Surface Soil Results
OU8 - IHSS 137
Rocky Flats Environmental Technology Site

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Sample Location:	SS801593	SS801693	SS801793	SS801893	SS801993	SS802093	SS802093	SS802193
Sample Identification Number:	SSG0015JE	SSG0016JE	SSG0017JE	SSG0018JE	SSG0019JE	SSG0020JE	SSG0120JE	SSG0021JE
Date Sampled:	27-Oct-94	27-Oct-94	27-Oct-94	27-Oct-94	27-Oct-94	27-Oct-94	27-Oct-94	27-Oct-94
BARIUM	116 :V	80.8 :V	127 :V	263 :V	348 :V	166 :V	168 :V	76.6 :V
BERYLLIUM	< .49 :J	.51 B:V	.95 B:V	< .57 :J	< .43 :J	.64 B:V	.59 B:V	1.2 :V
CADMIUM	.67 B:V	< .27 :V	.72 B:V	10.6 :V	5.1 :V	3.8 :V	3.9 :V	6 :V
CALCIUM	25800 :V	6270 :V	7540 :V	22300 :V	23100 :V	12900 :V	12400 :V	2710 :V
CHROMIUM	42 :V	22.6 :V	25.5 :V	193 :V	309 :V	50.4 :V	54 :V	35.9 :V
COBALT	6.9 B:V	4.4 B:V	6.8 B:V	12.2 B:V	10.7 B:V	7 B:V	7.2 B:V	11.5 :V
COPPER	321 :V	188 :V	170 :V	1340 :V	2310 :V	1860 :V	550 :V	77.2 :V
IRON	54900 :V	16900 :V	24500 :V	31400 :V	32000 :V	39600 :V	47000 :V	17300 :V
LEAD	45.6 :V	186 :V	68 :V	283 :V	124 :V	98 :V	103 :V	50.9 :V
MAGNESIUM	2080 :V	1570 :V	2250 :V	3580 :V	4740 :V	2590 :V	2480 :V	1530 :V
MANGANESE	417 :V	185 :V	245 :V	553 :V	832 :V	309 :V	312 :V	137 :V
MERCURY	.066 B:V	.069 B:V	.091 B:V	.38 :V	.41 :V	.27 :V	.15 :V	.13 :V
NICKEL	19.3 :V	9.2 :V	15.3 :V	20.4 :V	20.2 :V	16.8 :V	20 :V	16.4 :V
POTASSIUM	1280 :V	1240 :V	2470 :V	2650 :V	3740 :V	2300 :V	2150 :V	1710 :V
SELENIUM	< .5 :J	< .48 :V	< .54 :J	< .65 :J	< .92 :V	< .55 :J	< .53 :J	< .54 :V
SILVER	4.9 :J	< 1.7 :J	< 2.5 :J	4.6 :J	5.4 :V	4.1 :J	5.1 :J	< 2.1 :J
SODIUM	169 B:J	163 B:V	78.5 B:J	184 B:J	680 B:V	208 B:J	205 B:J	334 B:V
THALLIUM	< .34 :R	< .33 :V	< .37 :J	< .44 :J	< .63 :V	< .37 :J	< .36 :R	< .37 :J
VANADIUM	19 :V	20.6 :V	32.2 :V	23.4 :V	247 :V	26.6 :V	24 :V	57.5 :V
ZINC	165 :V	135 :V	230 :V	1070 :V	1090 :V	1010 :V	1170 :V	421 :V
Test Group:TRADS Units:pCi/g								
AMERICIUM-241	.21(.036) :V	.14(.038) :V	.14(.038) :V	.33(.057) :V	.71(.093) :V	.22(.044) :V	.24(.046) :V	.23(.066) :V
GROSS ALPHA	22(2.2) :A	16(1.9) :A	17(1.8) :A	33(4.3) :A	26(3.9) :A	26(4) :A	23(3.7) :A	19(2.1) :A
GROSS BETA	27(2.2) :A	24(2) :A	19(1.9) :A	33(3.8) :A	30(3.4) :A	27(3.6) :A	24(3.3) :A	25(2.2) :A
PLUTONIUM-239/240	.25(.036) B:V	.3(.038) B:V	.39(.047) B:V	.51(.052) B:V	1.1(.08) B:V	.64(.058) B:V	.63(.057) B:V	.37(.042) B:V
URANIUM-233,-234	1.8(.33) B:V	1.5(.28) B:V	1(.22) B:V	6.1(.5) B:V	3.1(.43) B:V	5(.58) B:V	2.9(.48) B:V	1.8(.29) B:V
URANIUM-235	(.027) U:V	.11(.075) J:V	.066(.044) U:V	.29(.076) J:V	.17(.088) J:V	.42(.14) :V	.11(.086) J:V	.072(.062) U:V
URANIUM-238	1.7(.33) B:V	1.2(.25) B:V	.95(.2) B:V	5.1(.44) B:V	3(.42) B:V	4.6(.55) B:V	2.6(.44) B:V	1.4(.25) B:V
Test Group:WQPL								
pH **Units:pH**	8.02 :V	7.8 :V	8.12 :V	7.07 :V	7.9 :V	7.33 :V	7.33 :V	6.15 :V

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TABLE E-6
Surface Soil Data Summary
OU8 - IHSS 137
Rocky Flats Environmental Technology Site

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	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
Test Group:BNACLP Units:µg/kg							
1,2,4-TRICHLOROBENZENE	330	350	SS801593 (3)	700	SS801993 (1)		
1,2-DICHLOROBENZENE	330	350	SS801593 (3)	700	SS801993 (1)		
1,3-DICHLOROBENZENE	330	350	SS801593 (3)	700	SS801993 (1)		
1,4-DICHLOROBENZENE	330	350	SS801593 (3)	700	SS801993 (1)		
2,4,5-TRICHLOROPHENOL	1600	1700	SS801593 (3)	3400	SS801993 (1)		
2,4,6-TRICHLOROPHENOL	330	350	SS801593 (3)	700	SS801993 (1)		
2,4-DICHLOROPHENOL	330	350	SS801593 (3)	700	SS801993 (1)		
2,4-DIMETHYLPHENOL	330	350	SS801593 (3)	700	SS801993 (1)		
2,4-DINITROPHENOL	1600	1700	SS801593 (3)	3400	SS801993 (1)		
2,4-DINITROTOLUENE	330	350	SS801593 (3)	700	SS801993 (1)		
2,6-DINITROTOLUENE	330	350	SS801593 (3)	700	SS801993 (1)		
2-CHLORONAPHTHALENE	330	350	SS801593 (3)	700	SS801993 (1)		
2-CHLOROPHENOL	330	350	SS801593 (3)	700	SS801993 (1)		
2-METHYLNAPHTHALENE	330	430	SS801893 (1)	700	SS801993 (1)	36 J:A	SS801693 (1)
2-METHYLPHENOL	330	350	SS801593 (3)	700	SS801993 (1)		
2-NITROANILINE	1600	1700	SS801593 (3)	3400	SS801993 (1)		
2-NITROPHENOL	330	350	SS801593 (3)	700	SS801993 (1)		
3,3'-DICHLOROBENZIDINE	660	690	SS801693 (1)	1400	SS801993 (1)		
3-NITROANILINE	1600	1700	SS801593 (2)	2100	SS801893 (1)		
4,6-DINITRO-2-METHYLPHENOL	1600	1700	SS801593 (3)	3400	SS801993 (1)		
4-CHLORO-3-METHYLPHENOL	330	350	SS801593 (3)	700	SS801993 (1)		
4-CHLOROANILINE	330	350	SS801593 (3)	700	SS801993 (1)		
4-CHLOROPHENYL PHENYL ETHER	330	350	SS801593 (3)	700	SS801993 (1)		
4-METHYLPHENOL	330	350	SS801593 (3)	700	SS801993 (1)		
4-NITROANILINE	1600	1700	SS801593 (3)	3400	SS801993 (1)		
4-NITROPHENOL	1600	1700	SS801593 (3)	3400	SS801993 (1)		
ACENAPHTHENE	330	**	**	**	**	340 J:A	SS801593 (1)
ACENAPHTHYLENE	330	350	SS801593 (3)	700	SS801993 (1)	53 J:A	SS802093 (1)
ANTHRACENE	330	**	**	**	**	410 :V	SS801693 (1)
BENZO(a)ANTHRACENE	330	**	**	**	**	850 :V	SS802193 (1)
BENZO(a)PYRENE	330	**	**	**	**	890 :V	SS801693 (2)
BENZO(b)FLUORANTHENE	330	**	**	**	**	1100 :V	SS802193 (1)
BENZO(ghi)PERYLENE	330	**	**	**	**	400 :V	SS802193 (1)
BENZO(k)FLUORANTHENE	330	**	**	**	**	400 :J	SS801693 (1)
BENZOIC ACID	1600	1700	SS801593 (3)	3400	SS801993 (1)		
BENZYL ALCOHOL	330	350	SS801593 (3)	1100	SS801893 (1)		
BIS(2-CHLOROETHOXY)METHANE	330	350	SS801593 (3)	700	SS801993 (1)		
BIS(2-CHLOROETHYL)ETHER	330	350	SS801593 (3)	700	SS801993 (1)		
BIS(2-CHLOROISOPROPYL)ETHER	330	350	SS801593 (3)	700	SS801993 (1)		

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	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
BIS(2-ETHYLHEXYL)PHTHALATE	330	**	**	**	**	110 J:A	SS801693 (1)
BUTYL BENZYL PHTHALATE	330	350	SS801593 (3)	700	SS801993 (1)		
CHRYSENE	330	**	**	**	**	870 :V	SS801593 (2)
DI-n-BUTYL PHTHALATE	330	350	SS802193 (1)	350	SS802193 (1)	37 J:A	SS801693 (2)
DI-n-OCTYL PHTHALATE	330	350	SS801593 (3)	700	SS801993 (1)		
DIBENZO(a,h)ANTHRACENE	330	**	**	**	**	190 J:A	SS802193 (1)
DIBENZOFURAN	330	**	**	**	**	100 J:A	SS801693 (1)
DIETHYL PHTHALATE	330	350	SS801593 (3)	700	SS801993 (1)		
DIMETHYL PHTHALATE	330	350	SS801693 (2)	700	SS801993 (1)	89 J:A	SS801593 (1)
FLUORANTHENE	330	**	**	**	**	1900 :V	SS801693 (1)
FLUORENE	330	**	**	**	**	260 J:A	SS801693 (1)
HEXACHLOROBENZENE	330	350	SS801593 (3)	700	SS801993 (1)		
HEXACHLOROBUTADIENE	330	350	SS801593 (3)	700	SS801993 (1)		
HEXACHLOROCYCLOPENTADIENE	330	350	SS801593 (3)	700	SS801993 (1)		
HEXACHLOROETHANE	330	350	SS801593 (3)	700	SS801993 (1)		
INDENO(1,2,3-cd)PYRENE	330	**	**	**	**	600 :V	SS802193 (1)
ISOPHORONE	330	350	SS801593 (3)	700	SS801993 (1)		
N-NITROSO-DI-n-PROPYLAMINE	330	350	SS801593 (3)	700	SS801993 (1)		
N-NITROSODIPHENYLAMINE	330	350	SS801593 (3)	700	SS801993 (1)		
NAPHTHALENE	330	430	SS801893 (1)	430	SS801893 (1)	78 J:A	SS801593 (1)
NITROBENZENE	330	350	SS801593 (3)	700	SS801993 (1)		
PENTACHLOROPHENOL	1600	1700	SS801593 (3)	3400	SS801993 (1)		
PHENANTHRENE	330	**	**	**	**	1500 :V	SS801693 (1)
PHENOL	330	350	SS801593 (3)	700	SS801993 (1)		
PYRENE	330	**	**	**	**	1600 :V	SS802193 (1)
p-BROMODIPHENYL ETHER	330	350	SS801593 (3)	700	SS801993 (1)		
Test Group:METADD Units:mg/kg							
CESIUM	1000	6	SS801593 (1)	14.7	SS801993 (1)		
LITHIUM	100	**	**	**	**	6.5 B:V	SS801693 (1)
MOLYBDENUM	200	2.8	SS801693 (1)	6.8	SS801993 (1)	5.2 B:V	SS802193 (1)
STRONTIUM	200	**	**	**	**	18.8 B:V	SS802193 (1)
TIN	200	1.9	SS801693 (1)	11.8	SS801993 (1)	12.2 B:J	SS801593 (1)
Test Group:SMETCLP Units:mg/kg							
ALUMINUM	200	**	**	**	**	8700 :V	SS801593 (1)
ANTIMONY	60	2.2	SS801693 (1)	4.1	SS801993 (1)	3.1 B:J	SS802093 (1)
ARSENIC	10	**	**	**	**	7.7 :V	SS801693 (1)
BARIUM	200	**	**	**	**	76.6 :V	SS802193 (1)
BERYLLIUM	5	0.43	SS801993 (1)	0.57	SS801893 (1)	.51 B:V	SS801693 (1)
CADMIUM	5	0.27	SS801693 (1)	0.27	SS801693 (1)	.67 B:V	SS801593 (1)
CALCIUM	5000	**	**	**	**	2710 :V	SS802193 (1)

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	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
CHROMIUM	10	**	**	**	**	22.6 :V	SS801693 (1)
COBALT	50	**	**	**	**	4.4 B:V	SS801693 (1)
COPPER	25	**	**	**	**	77.2 :V	SS802193 (1)
IRON	100	**	**	**	**	16900 :V	SS801693 (1)
LEAD	3	**	**	**	**	45.6 :V	SS801593 (1)
MAGNESIUM	5000	**	**	**	**	1530 :V	SS802193 (1)
MANGANESE	15	**	**	**	**	137 :V	SS802193 (1)
MERCURY	0.2	**	**	**	**	.066 B:V	SS801593 (1)
NICKEL	40	**	**	**	**	9.2 :V	SS801693 (1)
POTASSIUM	5000	**	**	**	**	1240 :V	SS801693 (1)
SELENIUM	5	0.48	SS801693 (1)	0.92	SS801993 (1)		
SILVER	10	1.7	SS801693 (1)	2.5	SS801793 (1)	4.6 :J	SS801893 (1)
SODIUM	5000	**	**	**	**	78.5 B:J	SS801793 (1)
THALLIUM	10	0.33	SS801693 (1)	0.63	SS801993 (1)		
VANADIUM	50	**	**	**	**	19 :V	SS801593 (1)
ZINC	20	**	**	**	**	135 :V	SS801693 (1)
Test Group:TRADS Units:pCi/g							
AMERICIUM-241	0.02	**	**	**	**	.14(.038) :V	SS801693 (2)
GROSS ALPHA	1	**	**	**	**	16(1.9) :A	SS801693 (1)
GROSS BETA	3	**	**	**	**	19(1.9) :A	SS801793 (1)
PLUTONIUM-239/240	0.008	**	**	**	**	.25(.036) B:V	SS801593 (1)
URANIUM-233,-234	0.08	**	**	**	**	1(.22) B:V	SS801793 (1)
URANIUM-235	0.08	**	**	**	**	(.027) U:V	SS801593 (1)
URANIUM-238	0.06	**	**	**	**	.95(.2) B:V	SS801793 (1)
Test Group:WQPL Units:pH							
pH	0.01	**	**	**	**	6.15 :V	SS802193 (1)

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TABLE E-6
Surface Soil Data Summary
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	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:BNACLP Units:µg/kg					
1,2,4-TRICHLOROBENZENE			0	7	0
1,2-DICHLOROBENZENE			0	7	0
1,3-DICHLOROBENZENE			0	7	0
1,4-DICHLOROBENZENE			0	7	0
2,4,5-TRICHLOROPHENOL			0	7	0
2,4,6-TRICHLOROPHENOL			0	7	0
2,4-DICHLOROPHENOL			0	7	0
2,4-DIMETHYLPHENOL			0	7	0
2,4-DINITROPHENOL			0	7	0
2,4-DINITROTOLUENE			0	7	0
2,6-DINITROTOLUENE			0	7	0
2-CHLORONAPHTHALENE			0	7	0
2-CHLOROPHENOL			0	7	0
2-METHYLNAPHTHALENE	170 J:A	SS802093 (1)	5	7	140.5714
2-METHYLPHENOL			0	7	0
2-NITROANILINE			0	7	0
2-NITROPHENOL			0	7	0
3,3'-DICHLOROBENZIDINE			0	7	0
3-NITROANILINE			0	4	0
4,6-DINITRO-2-METHYLPHENOL			0	7	0
4-CHLORO-3-METHYLPHENOL			0	7	0
4-CHLOROANILINE			0	7	0
4-CHLOROPHENYL PHENYL ETHER			0	7	0
4-METHYLPHENOL			0	7	0
4-NITROANILINE			0	7	0
4-NITROPHENOL			0	7	0
ACENAPHTHENE	1000 :V	SS802093 (1)	7	7	601.4286
ACENAPHTHYLENE	53 J:A	SS802093 (1)	1	7	189
ANTHRACENE	1100 :V	SS802093 (1)	7	7	672.8571
BENZO(a)ANTHRACENE	2600 :V	SS801893 (1)	7	7	1608.571
BENZO(a)PYRENE	2300 :V	SS801893 (1)	7	7	1505.714
BENZO(b)FLUORANTHENE	3400 :V	SS801993 (1)	7	7	2200
BENZO(ghi)PERYLENE	1300 :V	SS801993 (1)	7	7	781.4286
BENZO(k)FLUORANTHENE	950 :J	SS801993 (1)	7	7	641.4286
BENZOIC ACID			0	7	0
BENZYL ALCOHOL			0	7	0
BIS(2-CHLOROETHOXY)METHANE			0	7	0
BIS(2-CHLOROETHYL)ETHER			0	7	0
BIS(2-CHLOROISOPROPYL)ETHER			0	7	0

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TABLE E-6
Surface Soil Data Summary
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	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
BIS(2-ETHYLHEXYL)PHTHALATE	730 :V	SS801993 (1)	7	7	282.8571
BUTYL BENZYL PHTHALATE			0	7	0
CHRYSENE	2900 :V	SS801893 (1)	7	7	1707.143
DI-n-BUTYL PHTHALATE	170 J:A	SS801893 (1)	6	7	87.2857
DI-n-OCTYL PHTHALATE			0	7	0
DIBENZO(a,h)ANTHRACENE	540 J:A	SS801993 (1)	7	7	308.5714
DIBENZOFURAN	360 J:A	SS802093 (1)	7	7	191.4286
DIETHYL PHTHALATE			0	7	0
DIMETHYL PHTHALATE	89 J:A	SS801593 (1)	1	7	195.5714
FLUORANTHENE	7700 D:V	SS801793 (1)	7	7	4314.286
FLUORENE	810 :V	SS802093 (1)	7	7	467.1429
HEXACHLOROBENZENE			0	7	0
HEXACHLOROBUTADIENE			0	7	0
HEXACHLOROCYCLOPENTADIENE			0	7	0
HEXACHLOROETHANE			0	7	0
INDENO(1,2,3-cd)PYRENE	1700 :V	SS801993 (1)	7	7	1067.143
ISOPHORONE			0	7	0
N-NITROSO-DI-n-PROPYLAMINE			0	7	0
N-NITROSODIPHENYLAMINE			0	7	0
NAPHTHALENE	380 :V	SS802093 (1)	6	7	177
NITROBENZENE			0	7	0
PENTACHLOROPHENOL			0	7	0
PHENANTHRENE	5500 D:V	SS801793 (1)	7	7	3257.143
PHENOL			0	7	0
PYRENE	6400 D:V	SS801793 (1)	7	7	3285.714
p-BROMODIPHENYL ETHER			0	7	0
Test Group:METADD Units:mg/kg					
CESIUM			0	7	0
LITHIUM	13.6 B:V	SS801993 (1)	7	7	9.3286
MOLYBDENUM	10.1 B:J	SS802093 (1)	4	7	5.6714
STRONTIUM	241 :V	SS801993 (1)	7	7	106.3571
TIN	12.2 B:J	SS801593 (1)	1	7	3.4143
Test Group:SMETCLP Units:mg/kg					
ALUMINUM	19600 :V	SS802093 (1)	7	7	14347.14
ANTIMONY	3.5 B:J	SS802193 (1)	2	7	1.9357
ARSENIC	201 :V	SS801993 (1)	7	7	45.1429
BARIUM	348 :V	SS801993 (1)	7	7	168.4857
BERYLLIUM	1.2 :V	SS802193 (1)	4	7	0.5779
CADMIUM	10.6 :V	SS801893 (1)	6	7	3.875
CALCIUM	25800 :V	SS801593 (1)	7	7	14374.29

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TABLE E-6
Surface Soil Data Summary
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	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
CHROMIUM	309 :V	SS801993 (1)	7	7	97.4286
COBALT	12.2 B:V	SS801893 (1)	7	7	8.5286
COPPER	2310 :V	SS801993 (1)	7	7	895.1714
IRON	54900 :V	SS801593 (1)	7	7	32000
LEAD	283 :V	SS801893 (1)	7	7	122.9286
MAGNESIUM	4740 :V	SS801993 (1)	7	7	2620
MANGANESE	832 :V	SS801993 (1)	7	7	383
MERCURY	.41 :V	SS801993 (1)	7	7	0.2023
NICKEL	20.4 :V	SS801893 (1)	7	7	17.2571
POTASSIUM	3740 :V	SS801993 (1)	7	7	2198.572
SELENIUM			0	7	0
SILVER	5.4 :V	SS801993 (1)	4	7	3.3071
SODIUM	680 B:V	SS801993 (1)	7	7	259.5
THALLIUM			0	5	0
VANADIUM	247 :V	SS801993 (1)	7	7	60.9
ZINC	1170 :V	SS802093 (1)	7	7	611.5714
Test Group:TRADS Units:pCi/g					
AMERICIUM-241	.71(.093) :V	SS801993 (1)	8	8	0.2775
GROSS ALPHA	33(4.3) :A	SS801893 (1)	8	8	22.75
GROSS BETA	33(3.8) :A	SS801893 (1)	8	8	26.125
PLUTONIUM-239/240	1.1(.08) B:V	SS801993 (1)	8	8	0.5238
URANIUM-233,-234	6.1(.5) B:V	SS801893 (1)	8	8	2.9
URANIUM-235	.42(.14) :V	SS802093 (1)	8	8	0.1548
URANIUM-238	5.1(.44) B:V	SS801893 (1)	8	8	2.5687
Test Group:WQPL Units:pH					
pH	8.12 :V	SS801793 (1)	7	7	7.4843

Data Extraction: 6/19/95

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TABLE E-7
Surface Soil Results
OU8 - IHSS 138
Rocky Flats Environmental Technology Site

Sample Location:	SS802293	SS802393	SS802493	SS802593	SS802693	SS802693	SS802793	SS802893	SS802993	SS803093
Sample Identification Number:	SSG0022JE	SSG0023JE	SSG0024JE	SSG0025JE	SSG0026JE	SSG0122JE	SSG0027JE	SSG0028JE	SSG0029JE	SSG0030JE
Date Sampled:	31-Oct-94	31-Oct-94	31-Oct-94	31-Oct-94	31-Oct-94	31-Oct-94	31-Oct-94	31-Oct-94	31-Oct-94	31-Oct-94
Test Group:BNACLP Units:µg/kg										
1,2,4-TRICHLOROBENZENE	< 350 :V	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
1,2-DICHLOROBENZENE	< 350 :V	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
1,3-DICHLOROBENZENE	< 350 :V	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
1,4-DICHLOROBENZENE	< 350 :V	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
2,4,5-TRICHLOROPHENOL	< 1700 :V	< 1800 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1600 :V	< 34000 :V	< 1600 :V	< 1700 :V
2,4,6-TRICHLOROPHENOL	< 350 :V	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
2,4-DICHLOROPHENOL	< 350 :V	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
2,4-DIMETHYLPHENOL	< 350 :V	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
2,4-DINITROPHENOL	< 1700 :V	< 1800 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1600 :V	< 34000 :V	< 1600 :V	< 1700 :V
2,4-DINITROTOLUENE	< 350 :V	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
2,6-DINITROTOLUENE	< 350 :V	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
2-CHLORONAPHTHALENE	< 350 :V	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
2-CHLOROPHENOL	< 350 :V	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
2-METHYLNAPHTHALENE	< 350 :V	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
2-METHYLPHENOL	< 350 :V	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
2-NITROANILINE	< 1700 :V	< 1800 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1600 :V	< 34000 :V	< 1600 :V	< 1700 :V
2-NITROPHENOL	< 350 :V	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
3,3'-DICHLOROBENZIDINE	< 700 :V	< 730 :V	< 680 :V	< 690 :V	< 690 :V	< 690 :V	< 670 :V	< 14000 :V	< 670 :V	< 690 :V
3-NITROANILINE	< 1700 :V	< 1800 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1600 :V	< 34000 :V	< 1600 :V	< 1700 :V
4,6-DINITRO-2-METHYLPHENOL	< 1700 :V	< 1800 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1600 :V	< 34000 :V	< 1600 :V	< 1700 :V
4-CHLORO-3-METHYLPHENOL	< 350 :V	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
4-CHLOROANILINE	< 350 :V	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
4-CHLOROPHENYL PHENYL ETHER	< 350 :V	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
4-METHYLPHENOL	< 350 :V	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
4-NITROANILINE	< 1700 :V	< 1800 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1600 :V	< 34000 :V	< 1600 :V	< 1700 :V
4-NITROPHENOL	< 1700 :V	< 1800 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1600 :V	< 34000 :V	< 1600 :V	< 1700 :V
ACENAPHTHENE	65 J:A	< 360 :V	< 340 :V	< 350 :V	38 J:A	43 J:A	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
ACENAPHTHYLENE	< 350 :V	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
ANTHRACENE	95 J:A	47 J:A	< 340 :V	< 350 :V	< 350 :V	42 J:A	< 330 :V	< 6900 :V	46 J:A	< 340 :V
BENZO(a)ANTHRACENE	270 J:A	130 J:A	63 J:A	90 J:A	150 J:A	180 J:A	85 J:A	< 6900 :V	150 J:A	66 J:A
BENZO(a)PYRENE	340 J:A	150 J:A	83 J:A	120 J:A	210 J:A	250 J:A	110 J:A	< 6900 :V	190 J:A	83 J:A
BENZO(b)FLUORANTHENE	450 :J	200 J:A	92 J:A	160 J:A	300 J:A	340 J:A	110 J:A	< 6900 :V	200 J:A	92 J:A
BENZO(ghi)PERYLENE	150 J:A	55 J:A	66 J:A	77 J:A	99 J:A	110 J:A	36 J:A	< 6900 :V	64 J:A	< 340 :V
BENZO(k)FLUORANTHENE	130 J:A	77 J:A	36 J:A	46 J:A	110 J:A	130 J:A	44 J:A	< 6900 :V	87 J:A	35 J:A
BENZOIC ACID	< 1700 :V	< 1800 :V	< 1700 :V	< 1700 :V	< 1700 :V	230 J:A	< 1600 :V	< 34000 :V	< 1600 :V	160 J:A
BENZYL ALCOHOL	< 350 :V	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :R	< 340 :V	< 340 :V
BIS(2-CHLOROETHOXY)METHANE	< 350 :V	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
BIS(2-CHLOROETHYL)ETHER	< 350 :V	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
BIS(2-CHLOROISOPROPYL)ETHER	< 350 :V	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
BIS(2-ETHYLHEXYL)PHTHALATE	810 :V	95 J:A	< 340 :J	< 350 :J	< 350 :J	< 340 :J	64 J:A	< 6900 :V	98 J:A	120 J:A
BUTYL BENZYL PHTHALATE	110 J:A	1300 :V	< 340 :V	67 J:A	120 J:A	2600 :V	680 :V	< 6900 :V	1500 :V	2800 :V

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TABLE E-7
Surface Soil Results
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Rocky Flats Environmental Technology Site

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Sample Location:	SS802293	SS802393	SS802493	SS802593	SS802693	SS802693	SS802793	SS802893	SS802993	SS803093
Sample Identification Number:	SSG0022JE	SSG0023JE	SSG0024JE	SSG0025JE	SSG0026JE	SSG0122JE	SSG0027JE	SSG0028JE	SSG0029JE	SSG0030JE
Date Sampled:	31-Oct-94	31-Oct-94	31-Oct-94	31-Oct-94	31-Oct-94	31-Oct-94	31-Oct-94	31-Oct-94	31-Oct-94	31-Oct-94
CHRYSENE	360 :V	150 J:A	76 J:A	110 J:A	230 J:A	260 J:A	120 J:A	1000 J:A	210 J:A	89 J:A
DI-n-BUTYL PHTHALATE	44 J:A	< 360 :V	< 340 :V	< 350 :V	37 J:A	56 J:A	< 330 :V	< 6900 :V	39 J:A	< 340 :V
DI-n-OCTYL PHTHALATE	< 350 :J	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
DIBENZO(a,h)ANTHRACENE	< 350 :J	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
DIBENZOFURAN	< 350 :V	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
DIETHYL PHTHALATE	< 350 :V	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
DIMETHYL PHTHALATE	< 350 :V	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
FLUORANTHENE	620 :V	330 J:A	140 J:A	230 J:A	440 :V	500 :V	220 J:A	1300 J:A	390 :V	160 J:A
FLUORENE	52 J:A	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
HEXACHLOROBENZENE	< 350 :V	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
HEXACHLOROBUTADIENE	< 350 :V	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
HEXACHLOROCYCLOPENTADIENE	< 350 :V	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
HEXACHLOROETHANE	< 350 :V	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
INDENO(1,2,3-cd)PYRENE	140 J:A	55 J:A	42 J:A	60 J:A	91 J:A	110 J:A	36 J:A	< 6900 :V	66 J:A	< 340 :V
ISOPHORONE	< 350 :V	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
N-NITROSO-DI-n-PROPYLAMINE	< 350 :V	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
N-NITROSODIPHENYLAMINE	< 350 :V	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
NAPHTHALENE	< 350 :V	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
NITROBENZENE	< 350 :V	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
PENTACHLOROPHENOL	< 1700 :V	< 1800 :V	< 1700 :V	< 1700 :V	42 J:A	< 1700 :V	< 1600 :V	39000 :V	200 J:A	< 1700 :V
PHENANTHRENE	470 :V	250 J:A	74 J:A	140 J:A	290 J:A	320 J:A	150 J:A	1900 J:A	280 J:A	100 J:A
PHENOL	< 350 :V	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
PYRENE	820 :V	320 J:A	130 J:A	230 J:A	370 :V	430 :V	210 J:A	1300 J:A	370 :V	160 J:A
p-BROMODIPHENYL ETHER	< 350 :V	< 360 :V	< 340 :V	< 350 :V	< 350 :V	< 340 :V	< 330 :V	< 6900 :V	< 340 :V	< 340 :V
Test Group:METADD Units:mg/kg										
CESIUM	< 8.6 :J	< 8.5 :J	< 3.9 :J	< 4 :J	< 6.2 :J	< 3.9 :J	< 5.9 :J	< 6 :J	< 5.8 :J	< 6.3 :J
LITHIUM	15.3 B:V	16.9 B:V	8.1 B:V	7.9 B:V	7.8 B:V	6.5 B:V	7.6 B:V	8.1 B:V	5 B:V	6.2 B:V
MOLYBDENUM	< 2.7 :J	< 1 :J	< 1.2 :J	< .96 :J	< 1 :J	< .89 :J	< 1.4 :J	< 1 :J	< 1.1 :J	< 1.4 :J
STRONTIUM	114 :J	88.2 :J	45 :V	33.1 B:V	22.6 B:V	20.2 B:V	24.2 B:V	26.9 B:V	10.2 B:V	15.6 B:V
TIN	< 2.1 :J	< 2.1 :J	< 1.9 :V	< 2 :V	< 2 :V	< 1.9 :V	< 1.9 :V	< 2 :V	< 1.9 :V	< 2.1 :V
Test Group:SMETCLP Units:mg/kg										
ALUMINUM	15800 :V	13800 :V	9210 :V	8290 :V	7440 :V	6320 :V	7390 :V	7230 :V	3940 :V	5610 :V
ANTIMONY	3 B:J	< 2.4 :J	< 2.2 :J	< 2.2 :J	< 2.3 :J	3.2 B:J	< 2.2 :J	< 2.2 :J	< 2.2 :J	< 2.3 :J
ARSENIC	2.8 :V	1.5 B:V	6.1 :V	5.3 :V	2.9 :V	2.9 :V	3.5 :V	3.7 :V	1.7 B:V	2.2 :V
BARIUM	151 :V	38.1 B:V	73.4 :V	73.3 :V	85.6 :V	68.4 :V	61.9 :V	75 :V	43.2 :V	52.5 :V
BERYLLIUM	.69 B:V	.5 B:V	.82 B:V	.64 B:V	.94 B:V	.84 B:V	.58 B:V	.6 B:V	.26 B:V	.33 B:V
CADMIUM	9.4 :V	< .3 :V	.32 B:V	.57 B:V	3.5 :V	3.1 :V	.67 B:V	.8 B:V	.62 B:V	.54 B:V
CALCIUM	15300 :V	12900 :V	24500 :V	12500 :V	9880 :V	7640 :V	10300 :V	10500 :V	3040 :V	6930 :V
CHROMIUM	244 :V	11.3 :J	12.1 :V	12.2 :V	13.4 :V	11.1 :V	11.5 :V	14.3 :V	7.6 :V	8.8 :V
COBALT	14.2 :V	12.8 :V	5.4 B:V	5.3 B:V	7.6 B:V	5.6 B:V	5.1 B:V	4.8 B:V	3.3 B:V	4.3 B:V
COPPER	85.6 :V	56.9 :V	15.1 :V	18.9 :V	25 :V	21.6 :V	21 :V	21.5 :V	17.5 :V	22.4 :V
IRON	30100 :V	30100 :V	11500 :V	11300 :V	16600 :V	12200 :V	11600 :V	11600 :V	7330 :V	9660 :V

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TABLE E-7
Surface Soil Results
OU8 - IHSS 138
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS802293 SSG0022JE 31-Oct-94	SS802393 SSG0023JE 31-Oct-94	SS802493 SSG0024JE 31-Oct-94	SS802593 SSG0025JE 31-Oct-94	SS802693 SSG0026JE 31-Oct-94	SS802693 SSG0122JE 31-Oct-94	SS802793 SSG0027JE 31-Oct-94	SS802893 SSG0028JE 31-Oct-94	SS802993 SSG0029JE 31-Oct-94	SS803093 SSG0030JE 31-Oct-94
LEAD	40.2 I:J	15.6 I:J	10.2 I:J	12.3 I:J	25.7 I:J	16.4 I:J	14.2 I:J	15.8 I:J	17.4 I:J	14.4 I:J
MAGNESIUM	12800 :V	16600 :V	5420 :V	2510 :V	4430 :V	2750 :V	2660 :V	2700 :V	1490 :V	2000 :V
MANGANESE	755 :V	771 :V	189 :V	187 :V	343 :V	263 :V	203 :V	234 :V	137 :V	194 :V
MERCURY	.1 B:V	< .05 :V	.07 B:V	.08 B:V	.06 B:V	.06 B:V	.09 B:V	.06 B:V	< .05 :V	< .05 :V
NICKEL	20.4 :V	17.6 :V	10.7 :V	10.2 :V	8.9 :V	8.2 :V	8.8 :V	8.9 :V	5.5 B:V	7.2 B:V
POTASSIUM	2400 :V	1660 :V	1850 :V	1990 :V	2340 :V	1710 :V	1810 :V	1790 :V	1350 :V	1470 :V
SELENIUM	< .54 :J	< .53 :J	< .49 :V	< .5 :V	< .52 :V	< .49 :V	< .49 :V	< .5 :V	< .48 :V	< .52 :V
SILVER	2.1 B:V	2.2 :V	.59 B:V	.99 B:V	.84 B:V	1.1 B:V	1.2 B:V	.98 B:V	.52 B:V	1.2 B:V
SODIUM	1810 :V	2380 :V	319 B:V	106 B:V	137 B:V	115 B:V	141 B:V	140 B:V	83 B:V	71.1 B:V
THALLIUM	< .37 :J	< .36 :J	< .33 :V	< .34 :V	< .35 :V	< .33 :V	< .33 :V	< .34 :V	< .33 :V	< .35 :V
VANADIUM	43.6 :V	41.7 :V	27.4 :V	26 :V	30.7 :V	22.5 :V	20.3 :V	21.1 :V	11.7 :V	15.7 :V
ZINC	2750 :V	641 :V	65.6 :V	79.2 :V	501 :V	425 :V	89.4 :V	109 :V	79.5 :V	84.6 :V
Test Group:TRADS Units:pCi/g										
AMERICIUM-241	4.9(.5) :V	.73(.12) :V	3.1(.26) :V	3.1(.43) :V	6.3(.73) :V	6.4(.64) :V	3.6(.53) :V	2.2(.31) :V	.79(.068) :V	.71(.1) :V
GROSS ALPHA	25(2) :A	14(1.5) :A	28(3.6) :A	37(4.4) :A	19(3.4) :A	30(4) :A	31(4.1) :A	21(3.8) :A	17(1.4) :A	18(1.4) :A
GROSS BETA	32(1.6) :A	25(1.5) :A	20(2.8) :A	25(3.4) :A	30(3.5) :A	24(3.5) :A	32(3.5) :A	26(3.3) :A	27(1.6) :A	25(1.4) :A
PLUTONIUM-239/240	2.4(.11) :V	.62(.046) :V	18(.5) :V	23(.59) :V	5.2(.14) B:V	5.6(.19) :V	15(.36) :V	7.1(.21) :V	1.4(.079) :V	3.5(.1) B:V
URANIUM-233,-234	1.7(.29) :V	1.2(.17) :V	1.1(.27) :V	.94(.16) :V	.87(.19) :V	.95(.18) :V	.77(.2) :V	.53(.18) :V	.67(.16) :V	.84(.18) :V
URANIUM-235	.13(.066) J:V	.013(.025) U:V	.059(.059) U:V	.032(.038) U:V	.029(.039) U:V	.018(.037) U:V	.063(.051) U:V	.038(.051) U:V	.029(.039) U:V	.009(.018) U:V
URANIUM-238	1.7(.29) :V	1.1(.17) :V	.82(.21) :V	.64(.12) :V	.93(.19) :V	.83(.16) :V	.71(.18) :V	.65(.18) :V	.59(.15) :V	.86(.18) :V

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TABLE E-8
Surface Soil Data Summary
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Rocky Flats Environmental Technology Site

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *	Maximum Concentration
Test Group:BNACLP Units:µg/kg								
1,2,4-TRICHLOROBENZENE	330	330	SS802793 (1)	6900	SS802893 (1)			
1,2-DICHLOROBENZENE	330	330	SS802793 (1)	6900	SS802893 (1)			
1,3-DICHLOROBENZENE	330	330	SS802793 (1)	6900	SS802893 (1)			
1,4-DICHLOROBENZENE	330	330	SS802793 (1)	6900	SS802893 (1)			
2,4,5-TRICHLOROPHENOL	1600	1600	SS802793 (2)	34000	SS802893 (1)			
2,4,6-TRICHLOROPHENOL	330	330	SS802793 (1)	6900	SS802893 (1)			
2,4-DICHLOROPHENOL	330	330	SS802793 (1)	6900	SS802893 (1)			
2,4-DIMETHYLPHENOL	330	330	SS802793 (1)	6900	SS802893 (1)			
2,4-DINITROPHENOL	1600	1600	SS802793 (2)	34000	SS802893 (1)			
2,4-DINITROTOLUENE	330	330	SS802793 (1)	6900	SS802893 (1)			
2,6-DINITROTOLUENE	330	330	SS802793 (1)	6900	SS802893 (1)			
2-CHLORONAPHTHALENE	330	330	SS802793 (1)	6900	SS802893 (1)			
2-CHLOROPHENOL	330	330	SS802793 (1)	6900	SS802893 (1)			
2-METHYLNAPHTHALENE	330	330	SS802793 (1)	6900	SS802893 (1)			
2-METHYLPHENOL	330	330	SS802793 (1)	6900	SS802893 (1)			
2-NITROANILINE	1600	1600	SS802793 (2)	34000	SS802893 (1)			
2-NITROPHENOL	330	330	SS802793 (1)	6900	SS802893 (1)			
3,3'-DICHLOROBENZIDINE	660	670	SS802793 (2)	14000	SS802893 (1)			
3-NITROANILINE	1600	1600	SS802793 (2)	34000	SS802893 (1)			
4,6-DINITRO-2-METHYLPHENOL	1600	1600	SS802793 (2)	34000	SS802893 (1)			
4-CHLORO-3-METHYLPHENOL	330	330	SS802793 (1)	6900	SS802893 (1)			
4-CHLOROANILINE	330	330	SS802793 (1)	6900	SS802893 (1)			
4-CHLOROPHENYL PHENYL ETHER	330	330	SS802793 (1)	6900	SS802893 (1)			
4-METHYLPHENOL	330	330	SS802793 (1)	6900	SS802893 (1)			
4-NITROANILINE	1600	1600	SS802793 (2)	34000	SS802893 (1)			
4-NITROPHENOL	1600	1600	SS802793 (2)	34000	SS802893 (1)			
ACENAPHTHENE	330	330	SS802793 (1)	6900	SS802893 (1)	43 J:A	SS802693 (1)	65 J:A
ACENAPHTHYLENE	330	330	SS802793 (1)	6900	SS802893 (1)			
ANTHRACENE	330	330	SS802793 (1)	6900	SS802893 (1)	42 J:A	SS802693 (1)	95 J:A
BENZO(a)ANTHRACENE	330	6900	SS802893 (1)	6900	SS802893 (1)	63 J:A	SS802493 (1)	270 J:A
BENZO(a)PYRENE	330	6900	SS802893 (1)	6900	SS802893 (1)	83 J:A	SS802493 (2)	340 J:A
BENZO(b)FLUORANTHENE	330	6900	SS802893 (1)	6900	SS802893 (1)	92 J:A	SS802493 (2)	450 :J
BENZO(ghi)PERYLENE	330	340	SS803093 (1)	6900	SS802893 (1)	36 J:A	SS802793 (1)	150 J:A
BENZO(k)FLUORANTHENE	330	6900	SS802893 (1)	6900	SS802893 (1)	35 J:A	SS803093 (1)	130 J:A
BENZOIC ACID	1600	1600	SS802793 (2)	34000	SS802893 (1)	160 J:A	SS803093 (1)	230 J:A
BENZYL ALCOHOL	330	330	SS802793 (1)	360	SS802393 (1)			
BIS(2-CHLOROETHOXY)METHANE	330	330	SS802793 (1)	6900	SS802893 (1)			
BIS(2-CHLOROETHYL)ETHER	330	330	SS802793 (1)	6900	SS802893 (1)			
BIS(2-CHLOROISOPROPYL)ETHER	330	330	SS802793 (1)	6900	SS802893 (1)			
BIS(2-ETHYLHEXYL)PHTHALATE	330	340	SS802493 (2)	6900	SS802893 (1)	64 J:A	SS802793 (1)	810 :V
BUTYL BENZYL PHTHALATE	330	340	SS802493 (1)	6900	SS802893 (1)	67 J:A	SS802593 (1)	2800 :V
CHRYSENE	330	**	**	**	**	76 J:A	SS802493 (1)	1000 J:A
DI-n-BUTYL PHTHALATE	330	330	SS802793 (1)	6900	SS802893 (1)	39 J:A	SS802993 (1)	56 J:A
DI-n-OCTYL PHTHALATE	330	330	SS802793 (1)	6900	SS802893 (1)			
DIBENZO(a,h)ANTHRACENE	330	330	SS802793 (1)	6900	SS802893 (1)			
DIBENZOFURAN	330	330	SS802793 (1)	6900	SS802893 (1)			
DIETHYL PHTHALATE	330	330	SS802793 (1)	6900	SS802893 (1)			
DIMETHYL PHTHALATE	330	330	SS802793 (1)	6900	SS802893 (1)			
FLUORANTHENE	330	**	**	**	**	140 J:A	SS802493 (1)	1300 J:A
FLUORENE	330	330	SS802793 (1)	6900	SS802893 (1)	52 J:A	SS802293 (1)	52 J:A
HEXACHLOROBENZENE	330	330	SS802793 (1)	6900	SS802893 (1)			

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TABLE E-8
Surface Soil Data Summary
OU8 - IHSS 138
Rocky Flats Environmental Technology Site

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *	Maximum Concentration
HEXACHLOROBUTADIENE	330	330	SS802793 (1)	6900	SS802893 (1)			
HEXACHLOROCYCLOPENTADIENE	330	330	SS802793 (1)	6900	SS802893 (1)			
HEXACHLOROETHANE	330	330	SS802793 (1)	6900	SS802893 (1)			
INDENO(1,2,3-cd)PYRENE	330	340	SS803093 (1)	6900	SS802893 (1)	36 J:A	SS802793 (1)	140 J:A
ISOPHORONE	330	330	SS802793 (1)	6900	SS802893 (1)			
N-NITROSO-DI-n-PROPYLAMINE	330	330	SS802793 (1)	6900	SS802893 (1)			
N-NITROSODIPHENYLAMINE	330	330	SS802793 (1)	6900	SS802893 (1)			
NAPHTHALENE	330	330	SS802793 (1)	6900	SS802893 (1)			
NITROBENZENE	330	330	SS802793 (1)	6900	SS802893 (1)			
PENTACHLOROPHENOL	1600	1600	SS802793 (1)	1800	SS802393 (1)	42 J:A	SS802693 (1)	39000 :V
PHENANTHRENE	330	**	**	**	**	74 J:A	SS802493 (1)	1900 J:A
PHENOL	330	330	SS802793 (1)	6900	SS802893 (1)			
PYRENE	330	**	**	**	**	130 J:A	SS802493 (1)	1300 J:A
p-BROMODIPHENYL ETHER	330	330	SS802793 (1)	6900	SS802893 (1)			
Test Group:METADD Units:mg/kg								
CESIUM	1000	3.9	SS802493 (2)	8.6	SS802293 (1)			
LITHIUM	100	**	**	**	**	5 B:V	SS802993 (1)	16.9 B:V
MOLYBDENUM	200	0.89	SS802693 (1)	2.7	SS802293 (1)			
STRONTIUM	200	**	**	**	**	10.2 B:V	SS802993 (1)	114 :J
TIN	200	1.9	SS802493 (4)	2.1	SS802293 (3)			
Test Group:SMETCLP Units:mg/kg								
ALUMINUM	200	**	**	**	**	3940 :V	SS802993 (1)	15800 :V
ANTIMONY	60	2.2	SS802493 (5)	2.4	SS802393 (1)	3 B:J	SS802293 (1)	3.2 B:J
ARSENIC	10	**	**	**	**	1.5 B:V	SS802393 (1)	6.1 :V
BARIUM	200	**	**	**	**	38.1 B:V	SS802393 (1)	151 :V
BERYLLIUM	5	**	**	**	**	.26 B:V	SS802993 (1)	.94 B:V
CADMIUM	5	0.3	SS802393 (1)	0.3	SS802393 (1)	.32 B:V	SS802493 (1)	9.4 :V
CALCIUM	5000	**	**	**	**	3040 :V	SS802993 (1)	24500 :V
CHROMIUM	10	**	**	**	**	7.6 :V	SS802993 (1)	244 :V
COBALT	50	**	**	**	**	3.3 B:V	SS802993 (1)	14.2 :V
COPPER	25	**	**	**	**	15.1 :V	SS802493 (1)	85.6 :V
IRON	100	**	**	**	**	7330 :V	SS802993 (1)	30100 :V
LEAD	3	**	**	**	**	10.2 I:J	SS802493 (1)	40.2 I:J
MAGNESIUM	5000	**	**	**	**	1490 :V	SS802993 (1)	16600 :V
MANGANESE	15	**	**	**	**	137 :V	SS802993 (1)	771 :V
MERCURY	0.2	0.05	SS802393 (3)	0.05	SS802393 (3)	.06 B:V	SS802693 (2)	.1 B:V
NICKEL	40	**	**	**	**	5.5 B:V	SS802993 (1)	20.4 :V
POTASSIUM	5000	**	**	**	**	1350 :V	SS802993 (1)	2400 :V
SELENIUM	5	0.48	SS802993 (1)	0.54	SS802293 (1)			
SILVER	10	**	**	**	**	.52 B:V	SS802993 (1)	2.2 :V
SODIUM	5000	**	**	**	**	71.1 B:V	SS803093 (1)	2380 :V
THALLIUM	10	0.33	SS802493 (4)	0.37	SS802293 (1)			
VANADIUM	50	**	**	**	**	11.7 :V	SS802993 (1)	43.6 :V
ZINC	20	**	**	**	**	65.6 :V	SS802493 (1)	2750 :V
Test Group:TRADS Units:pCi/g								
AMERICIUM-241	0.01	**	**	**	**	.71(.1) :V	SS803093 (1)	6.4(.64) :V
GROSS ALPHA	0.9	**	**	**	**	14(1.5) :A	SS802393 (1)	37(4.4) :A
GROSS BETA	2	**	**	**	**	20(2.8) :A	SS802493 (1)	32(1.6) :A
PLUTONIUM-239/240	0.004	**	**	**	**	.62(.046) :V	SS802393 (1)	23(.59) :V
URANIUM-233,-234	0.09	**	**	**	**	.53(.18) :V	SS802893 (1)	1.7(.29) :V
URANIUM-235	0.07	**	**	**	**	.009(.018) U:V	SS803093 (1)	.13(.066) J:V
URANIUM-238	0.06	**	**	**	**	.59(.15) :V	SS802993 (1)	1.7(.29) :V

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TABLE E-8
Surface Soil Data Summary
OU8 - IHSS 138
Rocky Flats Environmental Technology Site

	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:BNACLP Units:µg/kg				
1,2,4-TRICHLOROBENZENE		0	9	0
1,2-DICHLOROBENZENE		0	9	0
1,3-DICHLOROBENZENE		0	9	0
1,4-DICHLOROBENZENE		0	9	0
2,4,5-TRICHLOROPHENOL		0	9	0
2,4,6-TRICHLOROPHENOL		0	9	0
2,4-DICHLOROPHENOL		0	9	0
2,4-DIMETHYLPHENOL		0	9	0
2,4-DINITROPHENOL		0	9	0
2,4-DINITROTOLUENE		0	9	0
2,6-DINITROTOLUENE		0	9	0
2-CHLORONAPHTHALENE		0	9	0
2-CHLOROPHENOL		0	9	0
2-METHYLNAPHTHALENE		0	9	0
2-METHYLPHENOL		0	9	0
2-NITROANILINE		0	9	0
2-NITROPHENOL		0	9	0
3,3'-DICHLOROBENZIDINE		0	9	0
3-NITROANILINE		0	9	0
4,6-DINITRO-2-METHYLPHENOL		0	9	0
4-CHLORO-3-METHYLPHENOL		0	9	0
4-CHLOROANILINE		0	9	0
4-CHLOROPHENYL PHENYL ETHER		0	9	0
4-METHYLPHENOL		0	9	0
4-NITROANILINE		0	9	0
4-NITROPHENOL		0	9	0
ACENAPHTHENE	SS802293 (1)	2	9	509.7778
ACENAPHTHYLENE		0	9	0
ANTHRACENE	SS802293 (1)	4	9	484.4445
BENZO(a)ANTHRACENE	SS802293 (1)	8	9	498.2222
BENZO(a)PYRENE	SS802293 (1)	8	9	530.6667
BENZO(b)FLUORANTHENE	SS802293 (1)	8	9	566
BENZO(ghi)PERYLENE	SS802293 (1)	7	9	464.2222
BENZO(k)FLUORANTHENE	SS802293 (2)	8	9	448.3333
BENZOIC ACID	SS802693 (1)	2	9	2493.333
BENZYL ALCOHOL		0	8	0
BIS(2-CHLOROETHOXY)METHANE		0	9	0
BIS(2-CHLOROETHYL)ETHER		0	9	0
BIS(2-CHLOROISOPROPYL)ETHER		0	9	0
BIS(2-ETHYLHEXYL)PHTHALATE	SS802293 (1)	5	9	572.4445
BUTYL BENZYL PHTHALATE	SS803093 (1)	7	9	1408.556
CHRYSENE	SS802893 (1)	9	9	263.8889
DI-n-BUTYL PHTHALATE	SS802693 (1)	3	9	494.3333
DI-n-OCTYL PHTHALATE		0	9	0
DIBENZO(a,h)ANTHRACENE		0	9	0
DIBENZOFURAN		0	9	0
DIETHYL PHTHALATE		0	9	0
DIMETHYL PHTHALATE		0	9	0
FLUORANTHENE	SS802893 (1)	9	9	432.2222
FLUORENE	SS802293 (1)	1	9	522.4445
HEXACHLOROBENZENE		0	9	0

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TABLE E-8
Surface Soil Data Summary
OU8 - IHSS 138
Rocky Flats Environmental Technology Site

	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
HEXACHLOROBUTADIENE		0	9	0
HEXACHLOROCYCLOPENTADIENE		0	9	0
HEXACHLOROETHANE		0	9	0
INDENO(1,2,3-cd)PYRENE	SS802293 (1)	7	9	458.7778
ISOPHORONE		0	9	0
N-NITROSO-DI-n-PROPYLAMINE		0	9	0
N-NITROSODIPHENYLAMINE		0	9	0
NAPHTHALENE		0	9	0
NITROBENZENE		0	9	0
PENTACHLOROPHENOL	SS802893 (1)	3	9	4926.889
PHENANTHRENE	SS802893 (1)	9	9	409.3333
PHENOL		0	9	0
PYRENE	SS802893 (1)	9	9	441.1111
p-BROMODIPHENYL ETHER		0	9	0
Test Group:METADD Units:mg/kg				
CESIUM		0	9	0
LITHIUM	SS802393 (1)	9	9	9.2111
MOLYBDENUM		0	9	0
STRONTIUM	SS802293 (1)	9	9	42.2
TIN		0	9	0
Test Group:SMETCLP Units:mg/kg				
ALUMINUM	SS802293 (1)	9	9	8745.556
ANTIMONY	SS802693 (1)	2	9	1.5611
ARSENIC	SS802493 (1)	9	9	3.3
BARIUM	SS802293 (1)	9	9	72.6667
BERYLLIUM	SS802693 (1)	9	9	0.5956
CADMIUM	SS802293 (1)	8	9	1.8411
CALCIUM	SS802493 (1)	9	9	11761.11
CHROMIUM	SS802293 (1)	9	9	37.2444
COBALT	SS802293 (1)	9	9	6.9778
COPPER	SS802293 (1)	9	9	31.5444
IRON	SS802293 (2)	9	9	15532.22
LEAD	SS802293 (1)	9	9	18.4222
MAGNESIUM	SS802393 (1)	9	9	5623.333
MANGANESE	SS802393 (1)	9	9	334.7778
MERCURY	SS802293 (1)	6	9	0.0594
NICKEL	SS802293 (1)	9	9	10.9111
POTASSIUM	SS802293 (1)	9	9	1851.111
SELENIUM		0	9	0
SILVER	SS802393 (1)	9	9	1.2089
SODIUM	SS802393 (1)	9	9	576.3445
THALLIUM		0	9	0
VANADIUM	SS802293 (1)	9	9	26.4667
ZINC	SS802293 (1)	9	9	488.8112
Test Group:TRADS Units:pCi/g				
AMERICIUM-241	SS802693 (1)	10	10	3.183
GROSS ALPHA	SS802593 (1)	10	10	24
GROSS BETA	SS802293 (2)	10	10	26.6
PLUTONIUM-239/240	SS802593 (1)	10	10	8.182
URANIUM-233,-234	SS802293 (1)	10	10	0.957
URANIUM-235	SS802293 (1)	10	10	0.042
URANIUM-238	SS802293 (1)	10	10	0.883

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TABLE E-9
Surface Soil Results
OU8 - IHSS 139.1(N)
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS803193 SSG0031JE 30-Nov-94	SS803193 SSG0143JE 30-Nov-94	SS803293 SSG0032JE 30-Nov-94
Test Group:METADD Units:mg/kg			
CESIUM	< 4.2 :J	< 4.2 :J	< 7 :J
LITHIUM	6 B:V	5.6 B:V	6.7 B:V
MOLYBDENUM	< .76 :J	< .51 :V	< .76 :J
STRONTIUM	10.6 B:V	8.4 B:V	36.1 B:V
TIN	< 2.1 :V	< 2.1 :V	< 2.3 :V
Test Group:SMETCLP Units:mg/kg			
ALUMINUM	3380 :V	3030 :V	6660 :V
ANTIMONY	< 2.3 :J	< 2.4 :J	< 2.6 :J
ARSENIC	1.6 B:J	1.1 B:J	2.3 B:J
BARIUM	41.2 B:V	33.7 B:V	101 :V
BERYLLIUM	.15 B:V	.12 B:V	.49 B:V
CADMIUM	< .29 :V	< .3 :V	< .33 :V
CALCIUM	1510 :V	1550 :V	5820 :V
CHROMIUM	14.9 :V	9.7 :V	16.9 :V
COBALT	9.6 B:V	7.3 B:V	6.3 B:V
COPPER	15.5 :V	12.7 :V	14.3 :V
IRON	6960 :V	6470 :V	11500 :V
LEAD	6.4 :V	4.1 :V	13.2 :V
MAGNESIUM	1830 :V	2040 :V	3250 :V
MANGANESE	89.5 :V	86.7 :V	207 :V
MERCURY	< .052 :V	< .052 :V	.14 :J
NICKEL	9.1 :V	7.1 B:V	8 B:V
POTASSIUM	1740 :V	1480 :V	1720 :V
SELENIUM	< .52 :J	< .53 :J	< .59 :J
SILVER	4.4 :V	< 1.7 :J	< 1.1 :J
SODIUM	459 B:V	427 B:V	1210 :V
THALLIUM	< .35 :V	< .36 :V	< .4 :V
VANADIUM	25.3 :V	21.8 :V	19.3 :V
ZINC	23.7 :V	23.1 :V	104 :V
Test Group:TPH8015A Units:µg/kg			
GASOLINE	< 540 :Y	< 540 :Y	< 560 :Y
Test Group:WQPL Units:µg/g			
NITRATE/NITRITE	24.8 :J	31.1 :J	5.99 :J
pH **Units: pH**	9.31 :V	9.22 :V	9.93 :V

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TABLE E-10
Surface Soil Data Summary
OU8 - IHSS 139.1(N)
Rocky Flats Environmental Technology Site

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
Test Group:METADD Units:mg/kg							
CESIUM	1000	4.2	SS803193 (1)	7	SS803293 (1)		
LITHIUM	100	**	**	**	**	6 B:V	SS803193 (1)
MOLYBDENUM	200	0.51	SS803193 (1)	0.76	SS803293 (1)		
STRONTIUM	200	**	**	**	**	10.6 B:V	SS803193 (1)
TIN	200	2.1	SS803193 (1)	2.3	SS803293 (1)		
Test Group:SMETCLP Units:mg/kg							
ALUMINUM	200	**	**	**	**	3380 :V	SS803193 (1)
ANTIMONY	60	2.3	SS803193 (1)	2.6	SS803293 (1)		
ARSENIC	10	**	**	**	**	1.6 B:J	SS803193 (1)
BARIUM	200	**	**	**	**	41.2 B:V	SS803193 (1)
BERYLLIUM	5	**	**	**	**	.15 B:V	SS803193 (1)
CADMIUM	5	0.29	SS803193 (1)	0.33	SS803293 (1)		
CALCIUM	5000	**	**	**	**	1550 :V	SS803193 (1)
CHROMIUM	10	**	**	**	**	14.9 :V	SS803193 (1)
COBALT	50	**	**	**	**	6.3 B:V	SS803293 (1)
COPPER	25	**	**	**	**	14.3 :V	SS803293 (1)
IRON	100	**	**	**	**	6960 :V	SS803193 (1)
LEAD	3	**	**	**	**	6.4 :V	SS803193 (1)
MAGNESIUM	5000	**	**	**	**	2040 :V	SS803193 (1)
MANGANESE	15	**	**	**	**	89.5 :V	SS803193 (1)
MERCURY	0.2	0.05	SS803193 (1)	0.05	SS803193 (1)	.14 :J	SS803293 (1)
NICKEL	40	**	**	**	**	8 B:V	SS803293 (1)
POTASSIUM	5000	**	**	**	**	1720 :V	SS803293 (1)
SELENIUM	5	0.52	SS803193 (1)	0.59	SS803293 (1)		
SILVER	10	1.1	SS803293 (1)	1.1	SS803293 (1)	4.4 :V	SS803193 (1)
SODIUM	5000	**	**	**	**	459 B:V	SS803193 (1)
THALLIUM	10	0.35	SS803193 (1)	0.4	SS803293 (1)		
VANADIUM	50	**	**	**	**	19.3 :V	SS803293 (1)
ZINC	20	**	**	**	**	23.7 :V	SS803193 (1)
Test Group:TPH8015A Units:µg/kg							
GASOLINE	100	540	SS803193 (2)	560	SS803293 (1)		
Test Group:WQPL Units:µg/g							
NITRATE/NITRITE	0.5	**	**	**	**	5.99 :J	SS803293 (1)
pH **Units: pH**	0.01	**	**	**	**	9.31 :V	SS803193 (1)

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TABLE E-10
Surface Soil Data Summary
OU8 - IHSS 139.1(N)
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:METADD Units:mg/kg					
CESIUM			0	2	0
LITHIUM	6.7 B:V	SS803293 (1)	2	2	6.35
MOLYBDENUM			0	2	0
STRONTIUM	36.1 B:V	SS803293 (1)	2	2	23.35
TIN			0	2	0
Test Group:SMETCLP Units:mg/kg					
ALUMINUM	6660 :V	SS803293 (1)	2	2	5020
ANTIMONY			0	2	0
ARSENIC	2.3 B:J	SS803293 (1)	2	2	1.95
BARIUM	101 :V	SS803293 (1)	2	2	71.1
BERYLLIUM	.49 B:V	SS803293 (1)	2	2	0.32
CADMIUM			0	2	0
CALCIUM	5820 :V	SS803293 (1)	2	2	3685
CHROMIUM	16.9 :V	SS803293 (1)	2	2	15.9
COBALT	9.6 B:V	SS803193 (1)	2	2	7.95
COPPER	15.5 :V	SS803193 (1)	2	2	14.9
IRON	11500 :V	SS803293 (1)	2	2	9230
LEAD	13.2 :V	SS803293 (1)	2	2	9.8
MAGNESIUM	3250 :V	SS803293 (1)	2	2	2645
MANGANESE	207 :V	SS803293 (1)	2	2	148.25
MERCURY	.14 :J	SS803293 (1)	1	2	0.083
NICKEL	9.1 :V	SS803193 (1)	2	2	8.55
POTASSIUM	1740 :V	SS803193 (1)	2	2	1730
SELENIUM			0	2	0
SILVER	4.4 :V	SS803193 (1)	1	2	2.475
SODIUM	1210 :V	SS803293 (1)	2	2	834.5
THALLIUM			0	2	0
VANADIUM	25.3 :V	SS803193 (1)	2	2	22.3
ZINC	104 :V	SS803293 (1)	2	2	63.85
Test Group:TPH8015A Units:µg/kg					
GASOLINE			0	3	0
Test Group:WQPL Units:µg/g					
NITRATE/NITRITE	31.1 :J	SS803193 (1)	2	2	18.545
pH **Units: pH**	9.93 :V	SS803293 (1)	2	2	9.62

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TABLE E-11
Surface Soil Results
OU8 - IHSS 139.1(S)
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS803993 SSG0033JE 21-Nov-94	SS804093 SSG0034JE 21-Nov-94	SS804193 SSG0035JE 21-Nov-94
Test Group:BNACLP Units:µg/kg			
1,2,4-TRICHLOROBENZENE	< 340 :V	< 3800 :V	< 3000 :V
1,2-DICHLOROBENZENE	< 340 :V	< 3800 :V	< 3000 :V
1,3-DICHLOROBENZENE	< 340 :V	< 3800 :V	< 3000 :V
1,4-DICHLOROBENZENE	< 340 :V	< 3800 :V	< 3000 :V
2,4,5-TRICHLOROPHENOL	< 1700 :V	< 18000 :V	< 14000 :V
2,4,6-TRICHLOROPHENOL	< 340 :V	< 3800 :V	< 3000 :V
2,4-DICHLOROPHENOL	< 340 :V	< 3800 :V	< 3000 :V
2,4-DIMETHYLPHENOL	< 340 :V	< 3800 :V	< 3000 :V
2,4-DINITROPHENOL	< 1700 :V	< 18000 :V	< 14000 :V
2,4-DINITROTOLUENE	< 340 :V	< 3800 :V	< 3000 :V
2,6-DINITROTOLUENE	< 340 :V	< 3800 :V	< 3000 :V
2-CHLORONAPHTHALENE	< 340 :V	< 3800 :V	< 3000 :V
2-CHLOROPHENOL	< 340 :V	< 3800 :V	< 3000 :V
2-METHYLNAPHTHALENE	< 340 :V	< 3800 :V	< 3000 :V
2-METHYLPHENOL	< 340 :V	< 3800 :V	< 3000 :V
2-NITROANILINE	< 1700 :V	< 18000 :V	< 14000 :V
2-NITROPHENOL	< 340 :V	< 3800 :V	< 3000 :V
3,3'-DICHLOROBENZIDINE	< 690 :V	< 7600 :V	< 5900 :V
3-NITROANILINE	< 1700 :R	< 18000 :V	< 14000 :V
4,6-DINITRO-2-METHYLPHENOL	< 1700 :V	< 18000 :V	< 14000 :V
4-CHLORO-3-METHYLPHENOL	< 340 :V	< 3800 :V	< 3000 :V
4-CHLOROANILINE	< 340 :R	< 3800 :V	< 3000 :V
4-CHLOROPHENYL PHENYL ETHER	< 340 :V	< 3800 :V	< 3000 :V
4-METHYLPHENOL	< 340 :V	< 3800 :V	< 3000 :V
4-NITROANILINE	< 1700 :V	< 18000 :V	< 14000 :V
4-NITROPHENOL	< 1700 :V	< 18000 :V	< 14000 :V
ACENAPHTHENE	69 J:A	1500 DJ:A	670 DJ:A
ACENAPHTHYLENE	< 340 :V	< 3800 :V	< 3000 :V
ANTHRACENE	76 J:A	1800 DJ:A	830 DJ:A
BENZO(a)ANTHRACENE	240 J:A	4200 D:V	2200 DJ:A
BENZO(a)PYRENE	270 J:A	4300 D:J	2400 DJ:A
BENZO(b)FLUORANTHENE	380 :V	4500 D:J	2800 DJ:A
BENZO(ghi)PERYLENE	110 J:A	1700 DJ:A	1200 DJ:A
BENZO(k)FLUORANTHENE	140 J:A	3400 DJ:A	1500 DJ:A
BENZOIC ACID	< 1700 :V	< 18000 :V	< 14000 :V

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TABLE E-11
Surface Soil Results
OU8 - IHSS 139.1(S)
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS803993 SSG0033JE 21-Nov-94	SS804093 SSG0034JE 21-Nov-94	SS804193 SSG0035JE 21-Nov-94
BENZYL ALCOHOL	< 340 :V	< 3800 :V	< 3000 :V
BIS(2-CHLOROETHOXY)METHANE	< 340 :V	< 3800 :V	< 3000 :V
BIS(2-CHLOROETHYL)ETHER	< 340 :V	< 3800 :V	< 3000 :V
BIS(2-CHLOROISOPROPYL)ETHER	< 340 :V	< 3800 :V	< 3000 :V
BIS(2-ETHYLHEXYL)PHTHALATE	< 340 :V	< 3800 :V	< 3000 :V
BUTYL BENZYL PHTHALATE	< 340 :J	< 3800 :V	< 3000 :V
CHRYSENE	280 J:A	4900 D:V	2800 DJ:A
DI-n-BUTYL PHTHALATE	< 340 :J	< 3800 :V	< 3000 :V
DI-n-OCTYL PHTHALATE	< 340 :V	< 3800 :J	< 3000 :J
DIBENZO(a,h)ANTHRACENE	< 340 :V	< 3800 :J	< 3000 :J
DIBENZOFURAN	< 340 :V	470 DJ:A	< 3000 :V
DIETHYL PHTHALATE	< 340 :V	< 3800 :V	< 3000 :V
DIMETHYL PHTHALATE	< 340 :V	< 3800 :V	< 3000 :V
FLUORANTHENE	650 :V	11000 D:V	5600 D:V
FLUORENE	47 J:A	1200 DJ:A	530 DJ:A
HEXACHLOROBENZENE	< 340 :V	< 3800 :V	< 3000 :V
HEXACHLOROBUTADIENE	< 340 :V	< 3800 :V	< 3000 :V
HEXACHLOROCYCLOPENTADIENE	< 340 :V	< 3800 :V	< 3000 :V
HEXACHLOROETHANE	< 340 :V	< 3800 :V	< 3000 :V
INDENO(1,2,3-cd)PYRENE	120 J:A	1500 DJ:A	1100 DJ:A
ISOPHORONE	< 340 :V	< 3800 :V	< 3000 :V
N-NITROSO-DI-n-PROPYLAMINE	< 340 :V	< 3800 :V	< 3000 :V
N-NITROSODIPHENYLAMINE	< 340 :V	< 3800 :V	< 3000 :V
NAPHTHALENE	< 340 :V	430 DJ:A	< 3000 :V
NITROBENZENE	< 340 :V	< 3800 :V	< 3000 :V
PENTACHLOROPHENOL	< 1700 :V	< 18000 :V	< 14000 :V
PHENANTHRENE	470 :V	8400 D:V	4300 D:V
PHENOL	< 340 :V	< 3800 :V	< 3000 :V
PYRENE	730 :V	15000 D:V	5500 D:V
p-BROMODIPHENYL ETHER	< 340 :V	< 3800 :V	< 3000 :V
Test Group:METADD Units:mg/kg			
CESIUM	< 10.2 :J	< 8.7 :J	< 6.5 :J
LITHIUM	6.1 B:V	7.3 B:V	3.7 B:V
MOLYBDENUM	< .49 :V	< .57 :J	< .52 :V
STRONTIUM	10.8 B:V	23.7 B:V	14.4 B:V
TIN	< 2 :V	< 2.2 :V	6.7 B:V

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TABLE E-11
Surface Soil Results
OU8 - IHSS 139.1(S)
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS803993 SSG0033JE 21-Nov-94	SS804093 SSG0034JE 21-Nov-94	SS804193 SSG0035JE 21-Nov-94
Test Group:SMETCLP Units:mg/kg			
ALUMINUM	4820 :V	11700 :V	4730 :V
ANTIMONY	< 2.3 :J	< 2.4 :J	< 2.4 :J
ARSENIC	1.6 B:J	5.8 :V	3 :V
BARIUM	46 :V	72 :V	40.2 B:V
BERYLLIUM	.19 B:J	.73 B:V	.35 B:V
CADMIUM	< .29 :V	.5 B:J	< .3 :J
CALCIUM	4360 :V	7010 :V	3720 :V
CHROMIUM	26.8 :V	14.3 :V	6.6 :V
COBALT	4.6 B:V	6 B:V	2.8 B:V
COPPER	20.3 :V	18.5 :V	13.1 :V
IRON	11800 :J	12200 :J	7480 :J
LEAD	8.5 :V	13.2 :V	10.8 :V
MAGNESIUM	3190 :V	1850 :V	1100 :V
MANGANESE	286 :J	198 :J	96.5 :J
MERCURY	< .05 :V	< .057 :V	< .056 :V
NICKEL	10.7 :V	16.4 :V	6.2 B:V
POTASSIUM	2480 :V	2530 :V	1530 :V
SELENIUM	< .51 :V	< .55 :V	< .54 :V
SILVER	.78 B:V	1 B:V	.72 B:V
SODIUM	103 B:V	< 69 :J	101 B:V
THALLIUM	< .35 :V	< .37 :V	< .37 :V
VANADIUM	15.7 :V	27.3 :V	13.8 :V
ZINC	45.7 :J	38.6 :J	35.2 :J
Test Group:TRADS Units:pCi/g			
AMERICIUM-241	.016(.009) J:Y	.048(.01) :Y	.076(.013) :Y
GROSS ALPHA	18(3.5) :A	18(3.5) :A	11(2.6) :A
GROSS BETA	35(3.8) :A	27(3.4) :A	28(3.6) :A
PLUTONIUM-239/240	.051(.01) :Y	.28(.025) :Y	.2(.021) :Y
URANIUM-233,-234	.78(.22) :Y	.74(.24) :Y	.4(.18) :Y
URANIUM-235	.053(.071) U:Y	.057(.077) U:Y	.021(.084) U:Y
URANIUM-238	.51(.18) :Y	.91(.27) :Y	.61(.22) :Y
Test Group:WQPL Units:µg/g			
NITRATE/NITRITE	33.7 :V	23.6 :V	33.2 :V
pH **Units: pH**	9.32 :J	8.96 :J	9.17 :J

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TABLE E-12
Surface Soil Data Summary
OU8 - IHSS 139.1(S)
Rocky Flats Environmental Technology Site

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
Test Group:BNACLP Units:µg/kg							
1,2,4-TRICHLOROBENZENE	330	340	SS803993 (1)	3800	SS804093 (1)		
1,2-DICHLOROBENZENE	330	340	SS803993 (1)	3800	SS804093 (1)		
1,3-DICHLOROBENZENE	330	340	SS803993 (1)	3800	SS804093 (1)		
1,4-DICHLOROBENZENE	330	340	SS803993 (1)	3800	SS804093 (1)		
2,4,5-TRICHLOROPHENOL	1600	1700	SS803993 (1)	18000	SS804093 (1)		
2,4,6-TRICHLOROPHENOL	330	340	SS803993 (1)	3800	SS804093 (1)		
2,4-DICHLOROPHENOL	330	340	SS803993 (1)	3800	SS804093 (1)		
2,4-DIMETHYLPHENOL	330	340	SS803993 (1)	3800	SS804093 (1)		
2,4-DINITROPHENOL	1600	1700	SS803993 (1)	18000	SS804093 (1)		
2,4-DINITROTOLUENE	330	340	SS803993 (1)	3800	SS804093 (1)		
2,6-DINITROTOLUENE	330	340	SS803993 (1)	3800	SS804093 (1)		
2-CHLORONAPHTHALENE	330	340	SS803993 (1)	3800	SS804093 (1)		
2-CHLOROPHENOL	330	340	SS803993 (1)	3800	SS804093 (1)		
2-METHYLNAPHTHALENE	330	340	SS803993 (1)	3800	SS804093 (1)		
2-METHYLPHENOL	330	340	SS803993 (1)	3800	SS804093 (1)		
2-NITROANILINE	1600	1700	SS803993 (1)	18000	SS804093 (1)		
2-NITROPHENOL	330	340	SS803993 (1)	3800	SS804093 (1)		
3,3'-DICHLOROBENZIDINE	660	690	SS803993 (1)	7600	SS804093 (1)		
3-NITROANILINE	1600	14000	SS804193 (1)	18000	SS804093 (1)		
4,6-DINITRO-2-METHYLPHENOL	1600	1700	SS803993 (1)	18000	SS804093 (1)		
4-CHLORO-3-METHYLPHENOL	330	340	SS803993 (1)	3800	SS804093 (1)		
4-CHLOROANILINE	330	3000	SS804193 (1)	3800	SS804093 (1)		
4-CHLOROPHENYL PHENYL ETHER	330	340	SS803993 (1)	3800	SS804093 (1)		
4-METHYLPHENOL	330	340	SS803993 (1)	3800	SS804093 (1)		
4-NITROANILINE	1600	1700	SS803993 (1)	18000	SS804093 (1)		
4-NITROPHENOL	1600	1700	SS803993 (1)	18000	SS804093 (1)		
ACENAPHTHENE	330	**	**	**	**	69 J:A	SS803993 (1)
ACENAPHTHYLENE	330	340	SS803993 (1)	3800	SS804093 (1)		
ANTHRACENE	330	**	**	**	**	76 J:A	SS803993 (1)
BENZO(a)ANTHRACENE	330	**	**	**	**	240 J:A	SS803993 (1)
BENZO(a)PYRENE	330	**	**	**	**	270 J:A	SS803993 (1)
BENZO(b)FLUORANTHENE	330	**	**	**	**	380 :V	SS803993 (1)
BENZO(ghi)PERYLENE	330	**	**	**	**	110 J:A	SS803993 (1)
BENZO(k)FLUORANTHENE	330	**	**	**	**	140 J:A	SS803993 (1)
BENZOIC ACID	1600	1700	SS803993 (1)	18000	SS804093 (1)		
BENZYL ALCOHOL	330	340	SS803993 (1)	3800	SS804093 (1)		
BIS(2-CHLOROETHOXY)METHANE	330	340	SS803993 (1)	3800	SS804093 (1)		
BIS(2-CHLOROETHYL)ETHER	330	340	SS803993 (1)	3800	SS804093 (1)		
BIS(2-CHLOROISOPROPYL)ETHER	330	340	SS803993 (1)	3800	SS804093 (1)		
BIS(2-ETHYLHEXYL)PHTHALATE	330	340	SS803993 (1)	3800	SS804093 (1)		
BUTYL BENZYL PHTHALATE	330	340	SS803993 (1)	3800	SS804093 (1)		
CHRYSENE	330	**	**	**	**	280 J:A	SS803993 (1)

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TABLE E-12
Surface Soil Data Summary
OU8 - IHSS 139.1(S)
Rocky Flats Environmental Technology Site

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
DI-n-BUTYL PHTHALATE	330	340	SS803993 (1)	3800	SS804093 (1)		
DI-n-OCTYL PHTHALATE	330	340	SS803993 (1)	3800	SS804093 (1)		
DIBENZO(a,h)ANTHRACENE	330	340	SS803993 (1)	3800	SS804093 (1)		
DIBENZOFURAN	330	340	SS803993 (1)	3000	SS804193 (1)	470 DJ:A	SS804093 (1)
DIETHYL PHTHALATE	330	340	SS803993 (1)	3800	SS804093 (1)		
DIMETHYL PHTHALATE	330	340	SS803993 (1)	3800	SS804093 (1)		
FLUORANTHENE	330	**	**	**	**	650 :V	SS803993 (1)
FLUORENE	330	**	**	**	**	47 J:A	SS803993 (1)
HEXACHLOROBENZENE	330	340	SS803993 (1)	3800	SS804093 (1)		
HEXACHLOROBUTADIENE	330	340	SS803993 (1)	3800	SS804093 (1)		
HEXACHLOROCYCLOPENTADIENE	330	340	SS803993 (1)	3800	SS804093 (1)		
HEXACHLOROETHANE	330	340	SS803993 (1)	3800	SS804093 (1)		
INDENO(1,2,3-cd)PYRENE	330	**	**	**	**	120 J:A	SS803993 (1)
ISOPHORONE	330	340	SS803993 (1)	3800	SS804093 (1)		
N-NITROSO-DI-n-PROPYLAMINE	330	340	SS803993 (1)	3800	SS804093 (1)		
N-NITROSODIPHENYLAMINE	330	340	SS803993 (1)	3800	SS804093 (1)		
NAPHTHALENE	330	340	SS803993 (1)	3000	SS804193 (1)	430 DJ:A	SS804093 (1)
NITROBENZENE	330	340	SS803993 (1)	3800	SS804093 (1)		
PENTACHLOROPHENOL	1600	1700	SS803993 (1)	18000	SS804093 (1)		
PHENANTHRENE	330	**	**	**	**	470 :V	SS803993 (1)
PHENOL	330	340	SS803993 (1)	3800	SS804093 (1)		
PYRENE	330	**	**	**	**	730 :V	SS803993 (1)
p-BROMODIPHENYL ETHER	330	340	SS803993 (1)	3800	SS804093 (1)		
Test Group:METADD Units:mg/kg							
CESIUM	1000	6.5	SS804193 (1)	10.2	SS803993 (1)		
LITHIUM	100	**	**	**	**	3.7 B:V	SS804193 (1)
MOLYBDENUM	200	0.49	SS803993 (1)	0.57	SS804093 (1)		
STRONTIUM	200	**	**	**	**	10.8 B:V	SS803993 (1)
TIN	200	2	SS803993 (1)	2.2	SS804093 (1)	6.7 B:V	SS804193 (1)
Test Group:SMETCLP Units:mg/kg							
ALUMINUM	200	**	**	**	**	4730 :V	SS804193 (1)
ANTIMONY	60	2.3	SS803993 (1)	2.4	SS804093 (2)		
ARSENIC	10	**	**	**	**	1.6 B:J	SS803993 (1)
BARIUM	200	**	**	**	**	40.2 B:V	SS804193 (1)
BERYLLIUM	5	**	**	**	**	.19 B:J	SS803993 (1)
CADMIUM	5	0.29	SS803993 (1)	0.3	SS804193 (1)	.5 B:J	SS804093 (1)
CALCIUM	5000	**	**	**	**	3720 :V	SS804193 (1)
CHROMIUM	10	**	**	**	**	6.6 :V	SS804193 (1)
COBALT	50	**	**	**	**	2.8 B:V	SS804193 (1)
COPPER	25	**	**	**	**	13.1 :V	SS804193 (1)
IRON	100	**	**	**	**	7480 :J	SS804193 (1)
LEAD	3	**	**	**	**	8.5 :V	SS803993 (1)
MAGNESIUM	5000	**	**	**	**	1100 :V	SS804193 (1)

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TABLE E-12
Surface Soil Data Summary
OU8 - IHSS 139.1(S)
Rocky Flats Environmental Technology Site

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
MANGANESE	15	**	**	**	**	96.5 :J	SS804193 (1)
MERCURY	0.2	0.05	SS803993 (1)	0.06	SS804093 (1)		
NICKEL	40	**	**	**	**	6.2 B:V	SS804193 (1)
POTASSIUM	5000	**	**	**	**	1530 :V	SS804193 (1)
SELENIUM	5	0.51	SS803993 (1)	0.55	SS804093 (1)		
SILVER	10	**	**	**	**	.72 B:V	SS804193 (1)
SODIUM	5000	69	SS804093 (1)	69	SS804093 (1)	101 B:V	SS804193 (1)
THALLIUM	10	0.35	SS803993 (1)	0.37	SS804093 (2)		
VANADIUM	50	**	**	**	**	13.8 :V	SS804193 (1)
ZINC	20	**	**	**	**	35.2 :J	SS804193 (1)
Test Group:TRADS Units:pCi/g							
AMERICIUM-241	0.01	**	**	**	**	.016(.009) J:Y	SS803993 (1)
GROSS ALPHA	2	**	**	**	**	11(2.6) :A	SS804193 (1)
GROSS BETA	4	**	**	**	**	27(3.4) :A	SS804093 (1)
PLUTONIUM-239/240	0.009	**	**	**	**	.051(.01) :Y	SS803993 (1)
URANIUM-233,-234	0.2	**	**	**	**	.4(.18) :Y	SS804193 (1)
URANIUM-235	0.2	**	**	**	**	.021(.084) U:Y	SS804193 (1)
URANIUM-238	0.1	**	**	**	**	.51(.18) :Y	SS803993 (1)
Test Group:WQPL Units:µg/g							
NITRATE/NITRITE	0.5	**	**	**	**	23.6 :V	SS804093 (1)
pH **Units:pH**	0.01	**	**	**	**	8.96 :J	SS804093 (1)

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TABLE E-12
Surface Soil Data Summary
OU8 - IHSS 139.1(S)
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:BNACLP Units:µg/kg					
1,2,4-TRICHLOROBENZENE			0	3	0
1,2-DICHLOROBENZENE			0	3	0
1,3-DICHLOROBENZENE			0	3	0
1,4-DICHLOROBENZENE			0	3	0
2,4,5-TRICHLOROPHENOL			0	3	0
2,4,6-TRICHLOROPHENOL			0	3	0
2,4-DICHLOROPHENOL			0	3	0
2,4-DIMETHYLPHENOL			0	3	0
2,4-DINITROPHENOL			0	3	0
2,4-DINITROTOLUENE			0	3	0
2,6-DINITROTOLUENE			0	3	0
2-CHLORONAPHTHALENE			0	3	0
2-CHLOROPHENOL			0	3	0
2-METHYLNAPHTHALENE			0	3	0
2-METHYLPHENOL			0	3	0
2-NITROANILINE			0	3	0
2-NITROPHENOL			0	3	0
3,3'-DICHLOROBENZIDINE			0	3	0
3-NITROANILINE			0	2	0
4,6-DINITRO-2-METHYLPHENOL			0	3	0
4-CHLORO-3-METHYLPHENOL			0	3	0
4-CHLOROANILINE			0	2	0
4-CHLOROPHENYL PHENYL ETHER			0	3	0
4-METHYLPHENOL			0	3	0
4-NITROANILINE			0	3	0
4-NITROPHENOL			0	3	0
ACENAPHTHENE	1500 DJ:A	SS804093 (1)	3	3	746.3333
ACENAPHTHYLENE			0	3	0
ANTHRACENE	1800 DJ:A	SS804093 (1)	3	3	902
BENZO(a)ANTHRACENE	4200 D:V	SS804093 (1)	3	3	2213.333
BENZO(a)PYRENE	4300 D:J	SS804093 (1)	3	3	2323.333
BENZO(b)FLUORANTHENE	4500 D:J	SS804093 (1)	3	3	2560
BENZO(ghi)PERYLENE	1700 DJ:A	SS804093 (1)	3	3	1003.333
BENZO(k)FLUORANTHENE	3400 DJ:A	SS804093 (1)	3	3	1680
BENZOIC ACID			0	3	0
BENZYL ALCOHOL			0	3	0
BIS(2-CHLOROETHOXY)METHANE			0	3	0
BIS(2-CHLOROETHYL)ETHER			0	3	0
BIS(2-CHLOROISOPROPYL)ETHER			0	3	0
BIS(2-ETHYLHEXYL)PHTHALATE			0	3	0
BUTYL BENZYL PHTHALATE			0	3	0
CHRYSENE	4900 D:V	SS804093 (1)	3	3	2660

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TABLE E-12
Surface Soil Data Summary
OU8 - IHSS 139.1(S)
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
DI-n-BUTYL PHTHALATE			0	3	0
DI-n-OCTYL PHTHALATE			0	3	0
DIBENZO(a,h)ANTHRACENE			0	3	0
DIBENZOFURAN	470 DJ:A	SS804093 (1)	1	3	713.3333
DIETHYL PHTHALATE			0	3	0
DIMETHYL PHTHALATE			0	3	0
FLUORANTHENE	11000 D:V	SS804093 (1)	3	3	5750
FLUORENE	1200 DJ:A	SS804093 (1)	3	3	592.3333
HEXACHLOROBENZENE			0	3	0
HEXACHLOROBUTADIENE			0	3	0
HEXACHLOROCYCLOPENTADIENE			0	3	0
HEXACHLOROETHANE			0	3	0
INDENO(1,2,3-cd)PYRENE	1500 DJ:A	SS804093 (1)	3	3	906.6667
ISOPHORONE			0	3	0
N-NITROSO-DI-n-PROPYLAMINE			0	3	0
N-NITROSODIPHENYLAMINE			0	3	0
NAPHTHALENE	430 DJ:A	SS804093 (1)	1	3	700
NITROBENZENE			0	3	0
PENTACHLOROPHENOL			0	3	0
PHENANTHRENE	8400 D:V	SS804093 (1)	3	3	4390
PHENOL			0	3	0
PYRENE	15000 D:V	SS804093 (1)	3	3	7076.667
p-BROMODIPHENYL ETHER			0	3	0
Test Group:METADD Units:mg/kg					
CESIUM			0	3	0
LITHIUM	7.3 B:V	SS804093 (1)	3	3	5.7
MOLYBDENUM			0	3	0
STRONTIUM	23.7 B:V	SS804093 (1)	3	3	16.3
TIN	6.7 B:V	SS804193 (1)	1	3	2.9333
Test Group:SMETCLP Units:mg/kg					
ALUMINUM	11700 :V	SS804093 (1)	3	3	7083.333
ANTIMONY			0	3	0
ARSENIC	5.8 :V	SS804093 (1)	3	3	3.4667
BARIUM	72 :V	SS804093 (1)	3	3	52.7333
BERYLLIUM	.73 B:V	SS804093 (1)	3	3	0.4233
CADMIUM	.5 B:J	SS804093 (1)	1	3	0.265
CALCIUM	7010 :V	SS804093 (1)	3	3	5030
CHROMIUM	26.8 :V	SS803993 (1)	3	3	15.9
COBALT	6 B:V	SS804093 (1)	3	3	4.4667
COPPER	20.3 :V	SS803993 (1)	3	3	17.3
IRON	12200 :J	SS804093 (1)	3	3	10493.33
LEAD	13.2 :V	SS804093 (1)	3	3	10.8333
MAGNESIUM	3190 :V	SS803993 (1)	3	3	2046.667

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TABLE E-12
Surface Soil Data Summary
OU8 - IHSS 139.1(S)
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
MANGANESE	286 :J	SS803993 (1)	3	3	193.5
MERCURY			0	3	0
NICKEL	16.4 :V	SS804093 (1)	3	3	11.1
POTASSIUM	2530 :V	SS804093 (1)	3	3	2180
SELENIUM			0	3	0
SILVER	1 B:VV	SS804093 (1)	3	3	0.8333
SODIUM	103 B:V	SS803993 (1)	2	3	79.5
THALLIUM			0	3	0
VANADIUM	27.3 :V	SS804093 (1)	3	3	18.9333
ZINC	45.7 :J	SS803993 (1)	3	3	39.8333
Test Group:TRADS Units:pCi/g					
AMERICIUM-241	.076(.013) :Y	SS804193 (1)	3	3	0.0467
GROSS ALPHA	18(3.5) :A	SS803993 (2)	3	3	15.6667
GROSS BETA	35(3.8) :A	SS803993 (1)	3	3	30
PLUTONIUM-239/240	.28(.025) :Y	SS804093 (1)	3	3	0.177
URANIUM-233,-234	.78(.22) :Y	SS803993 (1)	3	3	0.64
URANIUM-235	.057(.077) U:Y	SS804093 (1)	3	3	0.0437
URANIUM-238	.91(.27) :Y	SS804093 (1)	3	3	0.6767
Test Group:WQPL Units:µg/g					
NITRATE/NITRITE	33.7 :V	SS803993 (1)	3	3	30.1667
pH **Units:pH**	9.32 :J	SS803993 (1)	3	3	9.15

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TABLE E-13
Surface Soil Results
OU8 - IHSS 139.2
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS804293 SSG0036JE 21-Nov-94	SS804393 SSG0037JE 21-Nov-94	SS804393 SSG0140JE 21-Nov-94	SS804493 SSG0038JE 21-Nov-94
Test Group:BNACLP Units:µg/kg				
1,2,4-TRICHLOROBENZENE	< 1800 :V	< 7100 :V	< 7100 :V	< 3000 :V
1,2-DICHLOROBENZENE	< 1800 :V	< 7100 :V	< 7100 :V	< 3000 :V
1,3-DICHLOROBENZENE	< 1800 :V	< 7100 :V	< 7100 :V	< 3000 :V
1,4-DICHLOROBENZENE	< 1800 :V	< 7100 :V	< 7100 :V	< 3000 :V
2,4,5-TRICHLOROPHENOL	< 8900 :V	< 34000 :V	< 34000 :V	< 14000 :V
2,4,6-TRICHLOROPHENOL	< 1800 :V	< 7100 :V	< 7100 :V	< 3000 :V
2,4-DICHLOROPHENOL	< 1800 :V	< 7100 :V	< 7100 :V	< 3000 :V
2,4-DIMETHYLPHENOL	< 1800 :V	< 7100 :V	< 7100 :V	< 3000 :V
2,4-DINITROPHENOL	< 8900 :V	< 34000 :V	< 34000 :V	< 14000 :V
2,4-DINITROTOLUENE	< 1800 :V	< 7100 :V	< 7100 :V	< 3000 :V
2,6-DINITROTOLUENE	< 1800 :V	< 7100 :V	< 7100 :V	< 3000 :V
2-CHLORONAPHTHALENE	< 1800 :V	< 7100 :V	< 7100 :V	< 3000 :V
2-CHLOROPHENOL	< 1800 :V	< 7100 :V	< 7100 :V	< 3000 :V
2-METHYLNAPHTHALENE	< 1800 :V	2500 DJ:A	< 7100 :V	< 3000 :V
2-METHYLPHENOL	< 1800 :V	< 7100 :V	< 7100 :V	< 3000 :V
2-NITROANILINE	< 8900 :V	< 34000 :V	< 34000 :V	< 14000 :V
2-NITROPHENOL	< 1800 :V	< 7100 :V	< 7100 :V	< 3000 :V
3,3'-DICHLOROBENZIDINE	< 3700 :V	< 14000 :V	< 14000 :V	< 6000 :V
3-NITROANILINE	< 8900 :V	< 34000 :V	< 34000 :V	< 14000 :V
4,6-DINITRO-2-METHYLPHENOL	< 8900 :V	< 34000 :V	< 34000 :V	< 14000 :V
4-CHLORO-3-METHYLPHENOL	< 1800 :V	< 7100 :V	< 7100 :V	< 3000 :V
4-CHLOROANILINE	< 1800 :V	< 7100 :V	< 7100 :V	< 3000 :V
4-CHLOROPHENYL PHENYL ETHER	< 1800 :V	< 7100 :V	< 7100 :V	< 3000 :V
4-METHYLPHENOL	< 1800 :V	< 7100 :V	< 7100 :V	< 3000 :V
4-NITROANILINE	< 8900 :V	< 34000 :V	< 34000 :V	< 14000 :V
4-NITROPHENOL	< 8900 :V	< 34000 :V	< 34000 :V	< 14000 :V
ACENAPHTHENE	930 DJ:A	7100 D:V	2200 DJ:A	610 DJ:A
ACENAPHTHYLENE	< 1800 :V	< 7100 :V	< 7100 :V	< 3000 :V
ANTHRACENE	1100 DJ:A	9000 D:V	2900 DJ:A	7300 DJ:A
BENZO(a)ANTHRACENE	2300 D:V	13000 D:V	6200 DJ:A	1600 DJ:A
BENZO(a)PYRENE	2400 D:J	13000 D:J	6900 DJ:A	1700 DJ:A
BENZO(b)FLUORANTHENE	2900 D:J	13000 D:J	7600 D:J	1800 DJ:A
BENZO(ghi)PERYLENE	1200 DJ:A	6200 DJ:A	4000 DJ:A	1100 DJ:A
BENZO(k)FLUORANTHENE	1100 DJ:A	9300 D:J	4400 DJ:A	1200 DJ:A
BENZOIC ACID	< 8900 :V	< 34000 :V	< 34000 :V	< 14000 :V

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TABLE E-13
Surface Soil Results
OU8 - IHSS 139.2
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS804293 SSG0036JE 21-Nov-94	SS804393 SSG0037JE 21-Nov-94	SS804393 SSG0140JE 21-Nov-94	SS804493 SSG0038JE 21-Nov-94
BENZYL ALCOHOL	< 1800 :V	< 7100 :V	< 7100 :V	< 3000 :V
BIS(2-CHLOROETHOXY)METHANE	< 1800 :V	< 7100 :V	< 7100 :V	< 3000 :V
BIS(2-CHLOROETHYL)ETHER	< 1800 :V	< 7100 :V	< 7100 :V	< 3000 :V
BIS(2-CHLOROISOPROPYL)ETHER	< 1800 :V	< 7100 :V	< 7100 :V	< 3000 :V
BIS(2-ETHYLHEXYL)PHTHALATE	< 1800 :V	< 7100 :V	< 7100 :V	< 3000 :V
BUTYL BENZYL PHTHALATE	< 1800 :J	< 7100 :V	< 7100 :V	< 3000 :V
CHRYSENE	2700 D:V	16000 D:V	8100 D:V	1900 DJ:A
DI-n-BUTYL PHTHALATE	< 1800 :V	< 7100 :V	< 7100 :V	< 3000 :V
DI-n-OCTYL PHTHALATE	< 1800 :J	< 7100 :J	< 7100 :J	< 3000 :J
DIBENZO(a,h)ANTHRACENE	< 1800 :J	< 7100 :J	< 7100 :J	< 3000 :J
DIBENZOFURAN	320 DJ:A	3800 DJ:A	880 DJ:A	< 3000 :V
DIETHYL PHTHALATE	< 1800 :V	< 7100 :V	< 7100 :V	< 3000 :V
DIMETHYL PHTHALATE	< 1800 :V	< 7100 :V	< 7100 :V	< 3000 :V
FLUORANTHENE	6300 D:V	34000 D:V	16000 D:V	4100 D:V
FLUORENE	720 DJ:A	6700 DJ:A	1800 DJ:A	440 DJ:A
HEXACHLOROBENZENE	< 1800 :V	< 7100 :V	< 7100 :V	< 3000 :V
HEXACHLOROBUTADIENE	< 1800 :V	< 7100 :V	< 7100 :V	< 3000 :V
HEXACHLOROCYCLOPENTADIENE	< 1800 :V	< 7100 :V	< 7100 :V	< 3000 :V
HEXACHLOROETHANE	< 1800 :V	< 7100 :V	< 7100 :V	< 3000 :V
INDENO(1,2,3-cd)PYRENE	1100 DJ:A	5400 DJ:A	3400 DJ:A	850 DJ:A
ISOPHORONE	< 1800 :V	< 7100 :V	< 7100 :V	< 3000 :V
N-NITROSO-DI-n-PROPYLAMINE	< 1800 :V	< 7100 :V	< 7100 :V	< 3000 :V
N-NITROSODIPHENYLAMINE	< 1800 :V	< 7100 :V	< 7100 :V	< 3000 :V
NAPHTHALENE	330 DJ:A	7300 D:V	800 DJ:A	< 3000 :V
NITROBENZENE	< 1800 :V	< 7100 :V	< 7100 :V	< 3000 :V
PENTACHLOROPHENOL	< 8900 :V	< 34000 :V	< 34000 :V	< 14000 :V
PHENANTHRENE	5200 D:V	36000 D:V	14000 D:V	3700 D:V
PHENOL	< 1800 :V	< 7100 :V	< 7100 :V	< 3000 :V
PYRENE	6700 D:V	34000 D:V	15000 D:V	4100 D:V
p-BROMODIPHENYL ETHER	< 1800 :V	< 7100 :V	< 7100 :V	< 3000 :V
Test Group:METADD Units:mg/kg				
CESIUM	< 8.9 :J	< 8.3 :J	< 5.9 :J	< 9.1 :J
LITHIUM	6.8 B:V	8.2 B:V	8.7 B:V	4.6 B:V
MOLYBDENUM	< .85 :J	< .98 :J	< .48 :V	< .76 :J
STRONTIUM	26.1 B:V	17.1 B:V	41.2 :V	16.9 B:V
TIN	< 2.2 :V	< 2 :V	< 2 :V	< 2.3 :V

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TABLE E-13
Surface Soil Results
OU8 - IHSS 139.2
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS804293 SSG0036JE 21-Nov-94	SS804393 SSG0037JE 21-Nov-94	SS804393 SSG0140JE 21-Nov-94	SS804493 SSG0038JE 21-Nov-94
Test Group:SMETCLP Units:mg/kg				
ALUMINUM	9760 :V	8460 :V	13100 :V	5700 :V
ANTIMONY	< 2.5 :J	< 2.3 :J	< 2.2 :J	< 2.5 :J
ARSENIC	5.2 :V	3.7 :V	2.8 :V	3.1 :V
BARIUM	104 :V	78.1 :V	74.6 :V	49.5 :V
BERYLLIUM	.72 B:V	.5 B:V	.65 B:V	.36 B:V
CADMIUM	< .31 :J	< .29 :V	< .28 :V	< .32 :J
CALCIUM	5050 :V	3090 :V	4930 :V	3690 :V
CHROMIUM	10.5 :V	12 :V	10 :V	19.8 :V
COBALT	9.6 B:V	23.8 :V	4.4 B:V	5.2 B:V
COPPER	13.7 :V	58.2 :V	14.9 :V	10.8 :V
IRON	15400 :J	12400 :J	12500 :J	8350 :J
LEAD	16.8 :V	16 :V	10.5 :V	9.7 :V
MAGNESIUM	1840 :V	2000 :V	1960 :V	1340 :V
MANGANESE	201 :J	261 :J	141 :J	98.5 :J
MERCURY	.091 B:V	< .049 :V	.41 :V	.29 :V
NICKEL	13 :V	9.9 :V	9.3 :V	15.2 :V
POTASSIUM	3200 :V	1400 :V	10600 :V	1460 :V
SELENIUM	< .56 :V	< .52 :V	< .5 :V	< .57 :V
SILVER	.92 B:V	2.8 :V	1 B:V	.86 B:V
SODIUM	< 54.9 :J	111 B:V	84.7 B:V	< 81.3 :J
THALLIUM	< .38 :V	< .35 :V	< .34 :V	< .39 :V
VANADIUM	26.5 :V	22.7 :V	18.9 :V	17.8 :V
ZINC	55.8 :J	45.1 :J	85.9 :J	67 :J
Test Group:TRADS Units:pCi/g				
AMERICIUM-241	.05(.018) :Y	.025(.01) :Y	.016(.011) U:Y	.021(.009) :Y
GROSS ALPHA	15(3.2) :A	18(3.5) :A	15(3) :A	15(3.2) :A
GROSS BETA	25(3.4) :A	34(3.5) :A	31(3.5) :A	38(3.8) :A
PLUTONIUM-239/240	.1(.013) :Y	.061(.013) :Y	.042(.011) :Y	.074(.014) :Y
URANIUM-233,-234	.63(.25) :Y	.62(.21) :Y	.68(.23) :Y	.57(.24) :Y
URANIUM-235	(.057) U:Y	.035(.035) U:Y	.022(.044) U:Y	.091(.092) U:Y
URANIUM-238	.68(.25) :Y	.64(.21) :Y	.64(.23) :Y	.43(.2) :Y
Test Group:WQPL Units:µg/g				
NITRATE/NITRITE	30.3 :V	30.6 :V	25.1 :V	30.4 :V
pH **Units: pH**	8.89 :J	8.67 :J	8.76 :J	9.7 :J

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TABLE E-14
Surface Soil Data Summary
OU8 - IHSS 139.2
Rocky Flats Environmental Technology Site

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
Test Group:BNACLP Units:µg/kg							
1,2,4-TRICHLOROBENZENE	330	1800	SS804293 (1)	7100	SS804393 (1)		
1,2-DICHLOROBENZENE	330	1800	SS804293 (1)	7100	SS804393 (1)		
1,3-DICHLOROBENZENE	330	1800	SS804293 (1)	7100	SS804393 (1)		
1,4-DICHLOROBENZENE	330	1800	SS804293 (1)	7100	SS804393 (1)		
2,4,5-TRICHLOROPHENOL	1600	8900	SS804293 (1)	34000	SS804393 (1)		
2,4,6-TRICHLOROPHENOL	330	1800	SS804293 (1)	7100	SS804393 (1)		
2,4-DICHLOROPHENOL	330	1800	SS804293 (1)	7100	SS804393 (1)		
2,4-DIMETHYLPHENOL	330	1800	SS804293 (1)	7100	SS804393 (1)		
2,4-DINITROPHENOL	1600	8900	SS804293 (1)	34000	SS804393 (1)		
2,4-DINITROTOLUENE	330	1800	SS804293 (1)	7100	SS804393 (1)		
2,6-DINITROTOLUENE	330	1800	SS804293 (1)	7100	SS804393 (1)		
2-CHLORONAPHTHALENE	330	1800	SS804293 (1)	7100	SS804393 (1)		
2-CHLOROPHENOL	330	1800	SS804293 (1)	7100	SS804393 (1)		
2-METHYLNAPHTHALENE	330	1800	SS804293 (1)	3000	SS804493 (1)	2500 DJ:A	SS804393 (1)
2-METHYLPHENOL	330	1800	SS804293 (1)	7100	SS804393 (1)		
2-NITROANILINE	1600	8900	SS804293 (1)	34000	SS804393 (1)		
2-NITROPHENOL	330	1800	SS804293 (1)	7100	SS804393 (1)		
3,3'-DICHLOROBENZIDINE	660	3700	SS804293 (1)	14000	SS804393 (1)		
3-NITROANILINE	1600	8900	SS804293 (1)	34000	SS804393 (1)		
4,6-DINITRO-2-METHYLPHENOL	1600	8900	SS804293 (1)	34000	SS804393 (1)		
4-CHLORO-3-METHYLPHENOL	330	1800	SS804293 (1)	7100	SS804393 (1)		
4-CHLOROANILINE	330	1800	SS804293 (1)	7100	SS804393 (1)		
4-CHLOROPHENYL PHENYL ETHER	330	1800	SS804293 (1)	7100	SS804393 (1)		
4-METHYLPHENOL	330	1800	SS804293 (1)	7100	SS804393 (1)		
4-NITROANILINE	1600	8900	SS804293 (1)	34000	SS804393 (1)		
4-NITROPHENOL	1600	8900	SS804293 (1)	34000	SS804393 (1)		
ACENAPHTHENE	330	**	**	**	**	610 DJ:A	SS804493 (1)
ACENAPHTHYLENE	330	1800	SS804293 (1)	7100	SS804393 (1)		
ANTHRACENE	330	**	**	**	**	1100 DJ:A	SS804293 (1)
BENZO(a)ANTHRACENE	330	**	**	**	**	1600 DJ:A	SS804493 (1)
BENZO(a)PYRENE	330	**	**	**	**	1700 DJ:A	SS804493 (1)
BENZO(b)FLUORANTHENE	330	**	**	**	**	1800 DJ:A	SS804493 (1)
BENZO(ghi)PERYLENE	330	**	**	**	**	1100 DJ:A	SS804493 (1)
BENZO(k)FLUORANTHENE	330	**	**	**	**	1100 DJ:A	SS804293 (1)
BENZOIC ACID	1600	8900	SS804293 (1)	34000	SS804393 (1)		
BENZYL ALCOHOL	330	1800	SS804293 (1)	7100	SS804393 (1)		
BIS(2-CHLOROETHOXY)METHANE	330	1800	SS804293 (1)	7100	SS804393 (1)		

Data Extraction: 6/19/95

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TABLE E-14
Surface Soil Data Summary
OU8 - IHSS 139.2
Rocky Flats Environmental Technology Site

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	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
BIS(2-CHLOROETHYL)ETHER	330	1800	SS804293 (1)	7100	SS804393 (1)		
BIS(2-CHLOROISOPROPYL)ETHER	330	1800	SS804293 (1)	7100	SS804393 (1)		
BIS(2-ETHYLHEXYL)PHTHALATE	330	1800	SS804293 (1)	7100	SS804393 (1)		
BUTYL BENZYL PHTHALATE	330	1800	SS804293 (1)	7100	SS804393 (1)		
CHRYSENE	330	**	**	**	**	1900 DJ:A	SS804493 (1)
DI-n-BUTYL PHTHALATE	330	1800	SS804293 (1)	7100	SS804393 (1)		
DI-n-OCTYL PHTHALATE	330	1800	SS804293 (1)	7100	SS804393 (1)		
DIBENZO(a,h)ANTHRACENE	330	1800	SS804293 (1)	7100	SS804393 (1)		
DIBENZOFURAN	330	3000	SS804493 (1)	3000	SS804493 (1)	320 DJ:A	SS804293 (1)
DIETHYL PHTHALATE	330	1800	SS804293 (1)	7100	SS804393 (1)		
DIMETHYL PHTHALATE	330	1800	SS804293 (1)	7100	SS804393 (1)		
FLUORANTHENE	330	**	**	**	**	4100 D:V	SS804493 (1)
FLUORENE	330	**	**	**	**	440 DJ:A	SS804493 (1)
HEXACHLOROBENZENE	330	1800	SS804293 (1)	7100	SS804393 (1)		
HEXACHLOROBUTADIENE	330	1800	SS804293 (1)	7100	SS804393 (1)		
HEXACHLOROCYCLOPENTADIENE	330	1800	SS804293 (1)	7100	SS804393 (1)		
HEXACHLOROETHANE	330	1800	SS804293 (1)	7100	SS804393 (1)		
INDENO(1,2,3-cd)PYRENE	330	**	**	**	**	850 DJ:A	SS804493 (1)
ISOPHORONE	330	1800	SS804293 (1)	7100	SS804393 (1)		
N-NITROSO-DI-n-PROPYLAMINE	330	1800	SS804293 (1)	7100	SS804393 (1)		
N-NITROSODIPHENYLAMINE	330	1800	SS804293 (1)	7100	SS804393 (1)		
NAPHTHALENE	330	3000	SS804493 (1)	3000	SS804493 (1)	330 DJ:A	SS804293 (1)
NITROBENZENE	330	1800	SS804293 (1)	7100	SS804393 (1)		
PENTACHLOROPHENOL	1600	8900	SS804293 (1)	34000	SS804393 (1)		
PHENANTHRENE	330	**	**	**	**	3700 D:V	SS804493 (1)
PHENOL	330	1800	SS804293 (1)	7100	SS804393 (1)		
PYRENE	330	**	**	**	**	4100 D:V	SS804493 (1)
p-BROMODIPHENYL ETHER	330	1800	SS804293 (1)	7100	SS804393 (1)		
Test Group:METADD Units:mg/kg							
CESIUM	1000	5.9	SS804393 (1)	9.1	SS804493 (1)		
LITHIUM	100	**	**	**	**	4.6 B:V	SS804493 (1)
MOLYBDENUM	200	0.48	SS804393 (1)	0.85	SS804293 (1)		
STRONTIUM	200	**	**	**	**	16.9 B:V	SS804493 (1)
TIN	200	2	SS804393 (1)	2.3	SS804493 (1)		
Test Group:SMETCLP Units:mg/kg							
ALUMINUM	200	**	**	**	**	5700 :V	SS804493 (1)
ANTIMONY	60	2.2	SS804393 (1)	2.5	SS804293 (2)		
ARSENIC	10	**	**	**	**	3.1 :V	SS804493 (1)

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TABLE E-14
Surface Soil Data Summary
OU8 - IHSS 139.2
Rocky Flats Environmental Technology Site

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
BARIUM	200	**	**	**	**	49.5 :V	SS804493 (1)
BERYLLIUM	5	**	**	**	**	.36 B:V	SS804493 (1)
CADMIUM	5	0.28	SS804393 (1)	0.32	SS804493 (1)		
CALCIUM	5000	**	**	**	**	3690 :V	SS804493 (1)
CHROMIUM	10	**	**	**	**	10.5 :V	SS804293 (1)
COBALT	50	**	**	**	**	5.2 B:V	SS804493 (1)
COPPER	25	**	**	**	**	10.8 :V	SS804493 (1)
IRON	100	**	**	**	**	8350 :J	SS804493 (1)
LEAD	3	**	**	**	**	9.7 :V	SS804493 (1)
MAGNESIUM	5000	**	**	**	**	1340 :V	SS804493 (1)
MANGANESE	15	**	**	**	**	98.5 :J	SS804493 (1)
MERCURY	0.2	**	**	**	**	.091 B:V	SS804293 (1)
NICKEL	40	**	**	**	**	9.9 :V	SS804393 (1)
POTASSIUM	5000	**	**	**	**	1460 :V	SS804493 (1)
SELENIUM	5	0.5	SS804393 (1)	0.57	SS804493 (1)		
SILVER	10	**	**	**	**	.86 B:V	SS804493 (1)
SODIUM	5000	54.9	SS804293 (1)	81.3	SS804493 (1)	111 B:V	SS804393 (1)
THALLIUM	10	0.34	SS804393 (1)	0.39	SS804493 (1)		
VANADIUM	50	**	**	**	**	17.8 :V	SS804493 (1)
ZINC	20	**	**	**	**	55.8 :J	SS804293 (1)
Test Group:TRADS Units:pCi/g							
AMERICIUM-241	0.01	**	**	**	**	.016(.011) U:Y	SS804393 (1)
GROSS ALPHA	2	**	**	**	**	15(3.2) :A	SS804293 (3)
GROSS BETA	4	**	**	**	**	25(3.4) :A	SS804293 (1)
PLUTONIUM-239/240	0.005	**	**	**	**	.042(.011) :Y	SS804393 (1)
URANIUM-233,-234	0.2	**	**	**	**	.57(.24) :Y	SS804493 (1)
URANIUM-235	0.2	**	**	**	**	(.057) U:Y	SS804293 (1)
URANIUM-238	0.1	**	**	**	**	.43(.2) :Y	SS804493 (1)
Test Group:WQPL Units:µg/g							
NITRATE/NITRITE	0.5	**	**	**	**	30.3 :V	SS804293 (1)
pH **Units: pH**	0.01	**	**	**	**	8.76 :J	SS804393 (1)

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Data Extraction: 6/19/95

H:\WP\FLATS\OU8\DATASUM\TABLES\ALL1392.XLS (ds1392) 9/1/95

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TABLE E-14
Surface Soil Data Summary
OU8 - IHSS 139.2
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:BNACLP Units:µg/kg					
1,2,4-TRICHLOROBENZENE			0	3	0
1,2-DICHLOROBENZENE			0	3	0
1,3-DICHLOROBENZENE			0	3	0
1,4-DICHLOROBENZENE			0	3	0
2,4,5-TRICHLOROPHENOL			0	3	0
2,4,6-TRICHLOROPHENOL			0	3	0
2,4-DICHLOROPHENOL			0	3	0
2,4-DIMETHYLPHENOL			0	3	0
2,4-DINITROPHENOL			0	3	0
2,4-DINITROTOLUENE			0	3	0
2,6-DINITROTOLUENE			0	3	0
2-CHLORONAPHTHALENE			0	3	0
2-CHLOROPHENOL			0	3	0
2-METHYLNAPHTHALENE	2500 DJ:A	SS804393 (1)	1	3	1633.333
2-METHYLPHENOL			0	3	0
2-NITROANILINE			0	3	0
2-NITROPHENOL			0	3	0
3,3'-DICHLOROBENZIDINE			0	3	0
3-NITROANILINE			0	3	0
4,6-DINITRO-2-METHYLPHENOL			0	3	0
4-CHLORO-3-METHYLPHENOL			0	3	0
4-CHLOROANILINE			0	3	0
4-CHLOROPHENYL PHENYL ETHER			0	3	0
4-METHYLPHENOL			0	3	0
4-NITROANILINE			0	3	0
4-NITROPHENOL			0	3	0
ACENAPHTHENE	7100 D:V	SS804393 (1)	3	3	2880
ACENAPHTHYLENE			0	3	0
ANTHRACENE	9000 D:V	SS804393 (1)	3	3	5800
BENZO(a)ANTHRACENE	13000 D:V	SS804393 (1)	3	3	5633.333
BENZO(a)PYRENE	13000 D:J	SS804393 (1)	3	3	5700
BENZO(b)FLUORANTHENE	13000 D:J	SS804393 (1)	3	3	5900
BENZO(ghi)PERYLENE	6200 DJ:A	SS804393 (1)	3	3	2833.333
BENZO(k)FLUORANTHENE	9300 D:J	SS804393 (1)	3	3	3866.667
BENZOIC ACID			0	3	0
BENZYL ALCOHOL			0	3	0
BIS(2-CHLOROETHOXY)METHANE			0	3	0

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TABLE E-14
Surface Soil Data Summary
OU8 - IHSS 139.2
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
BIS(2-CHLOROETHYL)ETHER			0	3	0
BIS(2-CHLOROISOPROPYL)ETHER			0	3	0
BIS(2-ETHYLHEXYL)PHTHALATE			0	3	0
BUTYL BENZYL PHTHALATE			0	3	0
CHRYSENE	16000 D:V	SS804393 (1)	3	3	6866.667
DI-n-BUTYL PHTHALATE			0	3	0
DI-n-OCTYL PHTHALATE			0	3	0
DIBENZO(a,h)ANTHRACENE			0	3	0
DIBENZOFURAN	3800 DJ:A	SS804393 (1)	2	3	1873.333
DIETHYL PHTHALATE			0	3	0
DIMETHYL PHTHALATE			0	3	0
FLUORANTHENE	34000 D:V	SS804393 (1)	3	3	14800
FLUORENE	6700 DJ:A	SS804393 (1)	3	3	2620
HEXACHLOROBENZENE			0	3	0
HEXACHLOROBUTADIENE			0	3	0
HEXACHLOROCYCLOPENTADIENE			0	3	0
HEXACHLOROETHANE			0	3	0
INDENO(1,2,3-cd)PYRENE	5400 DJ:A	SS804393 (1)	3	3	2450
ISOPHORONE			0	3	0
N-NITROSO-DI-n-PROPYLAMINE			0	3	0
N-NITROSODIPHENYLAMINE			0	3	0
NAPHTHALENE	7300 D:V	SS804393 (1)	2	3	3043.333
NITROBENZENE			0	3	0
PENTACHLOROPHENOL			0	3	0
PHENANTHRENE	36000 D:V	SS804393 (1)	3	3	14966.67
PHENOL			0	3	0
PYRENE	34000 D:V	SS804393 (1)	3	3	14933.33
p-BROMODIPHENYL ETHER			0	3	0
Test Group:METADD Units:mg/kg					
CESIUM			0	3	0
LITHIUM	8.7 B:V	SS804393 (1)	3	3	6.7
MOLYBDENUM			0	3	0
STRONTIUM	41.2 :V	SS804393 (1)	3	3	28.0667
TIN			0	3	0
Test Group:SMETCLP Units:mg/kg					
ALUMINUM	13100 :V	SS804393 (1)	3	3	9520
ANTIMONY			0	3	0
ARSENIC	5.2 :V	SS804293 (1)	3	3	4

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TABLE E-14
Surface Soil Data Summary
OU8 - IHSS 139.2
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
BARIUM	104 :V	SS804293 (1)	3	3	77.2
BERYLLIUM	.72 B:V	SS804293 (1)	3	3	0.5767
CADMIUM			0	3	0
CALCIUM	5050 :V	SS804293 (1)	3	3	4556.667
CHROMIUM	19.8 :V	SS804493 (1)	3	3	14.1
COBALT	23.8 :V	SS804393 (1)	3	3	12.8667
COPPER	58.2 :V	SS804393 (1)	3	3	27.5667
IRON	15400 :J	SS804293 (1)	3	3	12083.33
LEAD	16.8 :V	SS804293 (1)	3	3	14.1667
MAGNESIUM	2000 :V	SS804393 (1)	3	3	1726.667
MANGANESE	261 :J	SS804393 (1)	3	3	186.8333
MERCURY	.41 :V	SS804393 (1)	3	3	0.2637
NICKEL	15.2 :V	SS804493 (1)	3	3	12.7
POTASSIUM	10600 :V	SS804393 (1)	3	3	5086.667
SELENIUM			0	3	0
SILVER	2.8 :V	SS804393 (1)	3	3	1.5267
SODIUM	111 B:V	SS804393 (1)	1	3	59.7
THALLIUM			0	3	0
VANADIUM	26.5 :V	SS804293 (1)	3	3	22.3333
ZINC	85.9 :J	SS804393 (1)	3	3	69.5667
Test Group:TRADS Units:pCi/g					
AMERICIUM-241	.05(.018) :Y	SS804293 (1)	4	4	0.028
GROSS ALPHA	18(3.5) :A	SS804393 (1)	4	4	15.75
GROSS BETA	38(3.8) :A	SS804493 (1)	4	4	32
PLUTONIUM-239/240	.1(.013) :Y	SS804293 (1)	4	4	0.0693
URANIUM-233,-234	.68(.23) :Y	SS804393 (1)	4	4	0.625
URANIUM-235	.091(.092) U:Y	SS804493 (1)	4	4	0.037
URANIUM-238	.68(.25) :Y	SS804293 (1)	4	4	0.5975
Test Group:WQPL Units:µg/g					
NITRATE/NITRITE	30.6 :V	SS804393 (1)	3	3	30.4333
pH **Units: pH**	9.7 :J	SS804493 (1)	3	3	9.1167

TABLE E-15
Surface Soil Results
OU8 - IHSS 144(N)
Rocky Flats Environmental Technology Site

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Sample Location:	SS804593	SS804693	SS804793	SS804893	SS804993	SS805093	SS805193	SS805293
Sample Identification Number:	SSG0039JE	SSG0040JE	SSG0041JE	SSG0042JE	SSG0043JE	SSG0044JE	SSG0045JE	SSG0046JE
Date Sampled:	26-Oct-94	26-Oct-94	26-Oct-94	26-Oct-94	26-Oct-94	26-Oct-94	26-Oct-94	26-Oct-94
Test Group:BNACLP Units:µg/kg								
1,2,4-TRICHLOROBENZENE	< 690 :R	< 340 :V	< 350 :V	< 350 :V	< 380 :V	< 370 :V	< 350 :V	< 340 :V
1,2-DICHLOROBENZENE	< 690 :R	< 340 :V	< 350 :V	< 350 :V	< 380 :V	< 370 :V	< 350 :V	< 340 :V
1,3-DICHLOROBENZENE	< 690 :R	< 340 :V	< 350 :V	< 350 :V	< 380 :V	< 370 :V	< 350 :V	< 340 :V
1,4-DICHLOROBENZENE	< 690 :R	< 340 :V	< 350 :V	< 350 :V	< 380 :V	< 370 :V	< 350 :V	< 340 :V
2,4,5-TRICHLOROPHENOL	< 3400 :R	< 1600 :V	< 1700 :V	< 1700 :V	< 1900 :V	< 1800 :V	< 1700 :V	< 1600 :V
2,4,6-TRICHLOROPHENOL	< 690 :R	< 340 :V	< 350 :V	< 350 :V	< 380 :V	< 370 :V	< 350 :V	< 340 :V
2,4-DICHLOROPHENOL	< 690 :R	< 340 :V	< 350 :V	< 350 :V	< 380 :V	< 370 :V	< 350 :V	< 340 :V
2,4-DIMETHYLPHENOL	< 690 :R	< 340 :V	< 350 :V	< 350 :V	< 380 :V	< 370 :V	< 350 :V	< 340 :V
2,4-DINITROPHENOL	< 3400 :R	< 1600 :V	< 1700 :V	< 1700 :V	< 1900 :V	< 1800 :V	< 1700 :V	< 1600 :V
2,4-DINITROTOLUENE	< 690 :R	< 340 :V	< 350 :V	< 350 :V	< 380 :V	< 370 :V	< 350 :V	< 340 :V
2,6-DINITROTOLUENE	< 690 :R	< 340 :V	< 350 :V	< 350 :V	< 380 :V	< 370 :V	< 350 :V	< 340 :V
2-CHLORONAPHTHALENE	< 690 :R	< 340 :V	< 350 :V	< 350 :V	< 380 :V	< 370 :V	< 350 :V	< 340 :V
2-CHLOROPHENOL	< 690 :R	< 340 :V	< 350 :V	< 350 :V	< 380 :V	< 370 :V	< 350 :V	< 340 :V
2-METHYLNAPHTHALENE	< 690 :R	48 J:A	< 350 :V	< 350 :V	< 380 :V	140 J:A	180 J:A	< 340 :V
2-METHYLPHENOL	< 690 :R	< 340 :V	< 350 :V	< 350 :V	< 380 :V	< 370 :V	< 350 :V	< 340 :V
2-NITROANILINE	< 3400 :R	< 1600 :V	< 1700 :V	< 1700 :V	< 1900 :V	< 1800 :V	< 1700 :V	< 1600 :V
2-NITROPHENOL	< 690 :R	< 340 :V	< 350 :V	< 350 :V	< 380 :V	< 370 :V	< 350 :V	< 340 :V
3,3'-DICHLOROBENZIDINE	< 1400 :R	< 680 :V	< 690 :V	< 710 :V	< 760 :V	< 740 :V	< 700 :V	< 680 :V
3-NITROANILINE	< 3400 :R	< 1600 :V	< 1700 :V	< 1700 :V	< 1900 :V	< 1800 :R	< 1700 :R	< 1600 :R
4,6-DINITRO-2-METHYLPHENOL	< 3400 :R	< 1600 :V	< 1700 :V	< 1700 :V	< 1900 :V	< 1800 :V	< 1700 :V	< 1600 :V
4-CHLORO-3-METHYLPHENOL	< 690 :R	< 340 :V	< 350 :V	< 350 :V	< 380 :V	< 370 :V	< 350 :V	< 340 :V
4-CHLOROANILINE	< 690 :R	< 340 :V	< 350 :V	< 350 :V	< 380 :V	< 370 :V	< 350 :V	< 340 :V
4-CHLOROPHENYL PHENYL ETHER	< 690 :R	< 340 :V	< 350 :V	< 350 :V	< 380 :V	< 370 :V	< 350 :V	< 340 :V
4-METHYLPHENOL	< 690 :R	< 340 :V	< 350 :V	< 350 :V	< 380 :V	< 370 :V	< 350 :V	< 340 :V
4-NITROANILINE	< 3400 :R	< 1600 :V	< 1700 :V	< 1700 :V	< 1900 :V	< 1800 :V	< 1700 :V	< 1600 :V
4-NITROPHENOL	< 3400 :R	< 1600 :V	< 1700 :V	< 1700 :V	< 1900 :V	< 1800 :V	< 1700 :V	< 1600 :V
ACENAPHTHENE	530 J:A	450 :V	80 J:A	380 :V	680 :V	840 :V	1100 :V	57 J:A
ACENAPHTHYLENE	< 690 :R	< 340 :V	< 350 :V	< 350 :V	< 380 :V	< 370 :V	< 350 :V	< 340 :V
ANTHRACENE	550 J:A	340 :V	81 J:A	410 :V	610 :V	870 :V	1100 :V	60 J:A
BENZO(a)ANTHRACENE	1500 :J	1300 :V	400 :V	1200 :V	2000 :V	1700 :V	2000 :V	200 J:A
BENZO(a)PYRENE	1800 :J	1200 :V	450 :V	1100 :J	1800 :V	1600 :V	1700 :V	350 :V
BENZO(b)FLUORANTHENE	2200 :J	1900 :V	610 :V	2500 :J	2800 :V	2400 :V	2600 :V	360 :V
BENZO(ghi)PERYLENE	780 :J	430 :V	170 J:A	350 J:A	560 :V	410 :V	290 J:A	140 J:A
BENZO(k)FLUORANTHENE	740 :J	510 :V	240 J:A	570 :J	610 :V	580 :J	580 :J	170 J:A
BENZOIC ACID	< 3400 :R	< 1600 :V	< 1700 :V	< 1700 :V	< 1900 :V	< 1800 :V	< 1700 :V	< 1600 :V
BENZYL ALCOHOL	< 690 :R	< 340 :V	< 870 :V	< 900 :V	< 960 :V	< 370 :V	< 350 :V	< 340 :V

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TABLE E-15
Surface Soil Results
OU8 - IHSS 144(N)
Rocky Flats Environmental Technology Site

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Sample Location:	SS804593	SS804693	SS804793	SS804893	SS804993	SS805093	SS805193	SS805293
Sample Identification Number:	SSG0039JE	SSG0040JE	SSG0041JE	SSG0042JE	SSG0043JE	SSG0044JE	SSG0045JE	SSG0046JE
Date Sampled:	26-Oct-94	26-Oct-94	26-Oct-94	26-Oct-94	26-Oct-94	26-Oct-94	26-Oct-94	26-Oct-94
BIS(2-CHLOROETHOXY)METHANE	< 690 :R	< 340 :V	< 350 :V	< 350 :V	< 380 :V	< 370 :V	< 350 :V	< 340 :V
BIS(2-CHLOROETHYL)ETHER	< 690 :R	< 340 :V	< 350 :V	< 350 :V	< 380 :V	< 370 :V	< 350 :V	< 340 :V
BIS(2-CHLOROISOPROPYL)ETHER	< 690 :R	< 340 :V	< 350 :V	< 350 :V	< 380 :V	< 370 :V	< 350 :V	< 340 :V
BIS(2-ETHYLHEXYL)PHTHALATE	< 690 :R	260 J:A	170 J:A	810 :V	690 :V	420 :V	89 J:A	150 J:A
BUTYL BENZYL PHTHALATE	< 690 :R	< 340 :J	< 350 :V	< 350 :J	< 880 :J	< 370 :J	< 350 :J	< 340 :J
CHRYSENE	1700 :J	1400 :V	550 :V	1500 :V	2300 :V	1800 :V	2200 :V	270 J:A
DI-n-BUTYL PHTHALATE	< 690 :R	40 J:A	< 350 :V	< 350 :V	42 J:A	< 370 :V	< 350 :V	64 J:A
DI-n-OCTYL PHTHALATE	< 690 :R	< 340 :V	< 350 :V	< 350 :J	< 380 :V	< 370 :V	< 350 :V	< 340 :V
DIBENZO(a,h)ANTHRACENE	270 J:A	390 :V	89 J:A	190 J:A	290 J:A	310 J:A	350 :V	58 J:A
DIBENZOFURAN	150 J:A	120 J:A	< 350 :V	< 350 :V	170 J:A	280 J:A	410 :V	< 340 :V
DIETHYL PHTHALATE	< 690 :R	< 340 :V	< 350 :V	< 350 :V	< 380 :V	< 370 :V	< 350 :V	< 340 :V
DIMETHYL PHTHALATE	< 690 :R	< 340 :V	< 350 :V	< 350 :V	< 380 :V	< 370 :V	< 350 :V	< 340 :V
FLUORANTHENE	3900 :J	2400 :V	1300 :V	2700 D:V	5900 D:V	5300 D:V	6800 D:V	680 :V
FLUORENE	380 J:A	290 J:A	< 350 :V	280 J:A	470 :V	630 :V	860 :V	< 340 :V
HEXACHLOROBENZENE	< 690 :R	< 340 :V	< 350 :V	< 350 :V	< 380 :V	< 370 :V	< 350 :V	< 340 :V
HEXACHLOROBUTADIENE	< 690 :R	< 340 :V	< 350 :V	< 350 :V	< 380 :V	< 370 :V	< 350 :V	< 340 :V
HEXACHLOROCYCLOPENTADIENE	< 690 :R	< 340 :V	< 350 :V	< 350 :V	< 380 :V	< 370 :V	< 350 :V	< 340 :V
HEXACHLOROETHANE	< 690 :R	< 340 :V	< 350 :V	< 350 :V	< 380 :V	< 370 :V	< 350 :V	< 340 :V
INDENO(1,2,3-cd)PYRENE	920 :J	970 :V	330 J:A	650 :J	1100 :V	1000 :V	1100 :V	210 J:A
ISOPHORONE	< 690 :R	< 340 :V	< 350 :V	< 350 :V	< 380 :V	< 370 :V	< 350 :V	< 340 :V
N-NITROSO-DI-n-PROPYLAMINE	< 690 :R	< 340 :V	< 350 :V	< 350 :V	< 380 :V	< 370 :V	< 350 :V	< 340 :V
N-NITROSODIPHENYLAMINE	< 690 :R	< 340 :V	< 350 :V	< 350 :V	< 380 :V	< 370 :V	< 350 :V	< 340 :V
NAPHTHALENE	100 J:A	110 J:A	< 350 :V	140 J:A	150 J:A	320 J:A	400 :V	< 340 :V
NITROBENZENE	< 690 :R	< 340 :V	< 350 :V	< 350 :V	< 380 :V	< 370 :V	< 350 :V	< 340 :V
PENTACHLOROPHENOL	< 3400 :R	< 1600 :V	< 1700 :V	< 1700 :V	< 1900 :V	< 1800 :V	< 1700 :V	< 1600 :V
PHENANTHRENE	3200 :J	1800 :V	770 :V	2500 :V	4300 D:V	4400 D:V	6000 D:V	410 :V
PHENOL	< 690 :R	< 340 :V	< 350 :V	< 350 :V	< 380 :V	< 370 :V	< 350 :V	< 340 :V
PYRENE	3600 :J	2300 :V	930 :V	2400 :V	4700 D:V	4000 D:V	6100 D:V	510 :V
p-BROMODIPHENYL ETHER	< 690 :R	< 340 :V	< 350 :V	< 350 :V	< 380 :V	< 370 :V	< 350 :V	< 340 :V
Test Group:METADD Units:mg/kg								
CESIUM	< 6.1 :J	< 8 :J	< 7.7 :J	< 8.3 :J	< 9.3 :J	< 8.8 :J	< 8.1 :J	< 7.9 :J
LITHIUM	4.3 B:V	5.1 B:V	5.9 B:V	6.4 B:V	7.9 B:V	5.4 B:V	3.6 :V	7 B:V
MOLYBDENUM	< .49 :V	< .69 :J	< .46 :V	< .84 :J	< 1 :J	< .74 :J	< .59 :J	< 2.7 :J
STRONTIUM	16.4 B:V	18.5 B:V	20.8 B:V	21.1 B:V	24 B:V	18.6 B:V	22.6 B:V	23.6 B:V
TIN	< 2 :V	< 2 :V	< 1.9 :V	< 3.6 :J	< 2.3 :V	< 2.2 :V	< 2 :V	< 2 :V
Test Group:SMETCLP Units:mg/kg								
ALUMINUM	5090 :V	6950 :V	8320 :V	7290 :V	10100 :V	6550 :V	4850 :V	7130 :V

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TABLE E-15
Surface Soil Results
OU8 - IHSS 144(N)
Rocky Flats Environmental Technology Site

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Sample Location:	SS804593	SS804693	SS804793	SS804893	SS804993	SS805093	SS805193	SS805293
Sample Identification Number:	SSG0039JE	SSG0040JE	SSG0041JE	SSG0042JE	SSG0043JE	SSG0044JE	SSG0045JE	SSG0046JE
Date Sampled:	26-Oct-94	26-Oct-94	26-Oct-94	26-Oct-94	26-Oct-94	26-Oct-94	26-Oct-94	26-Oct-94
ANTIMONY	< 2.3 :J	< 2.2 :J	< 2.2 :J	< 2.3 :J	< 2.6 :J	< 2.5 :J	2.3 B:J	< 2.2 :J
ARSENIC	3.9 :V	4.4 :V	5.9 :V	4.2 :V	5.7 :V	4 :V	3.8 :V	2.9 :V
BARIUM	62.9 :V	73.7 :V	78.7 :V	73.5 :V	101 :V	74.8 :V	53.2 :V	81.6 :V
BERYLLIUM	.44 B:V	.56 B:V	.65 B:V	.61 B:V	.73 B:V	.53 B:V	.36 B:V	< .47 :J
CADMIUM	< .28 :V	< .28 :V	< .27 :V	.76 B:V	.84 B:V	.97 B:V	< .28 :V	< .28 :V
CALCIUM	3620 :V	4050 :V	4530 :V	4510 :V	4580 :V	3690 :V	6290 :V	8750 :V
CHROMIUM	10.2 :V	14.7 :V	11.7 :V	18 :V	30.8 :V	24.6 :V	12.5 :V	13.8 :V
COBALT	4.7 :V	7.9 B:V	5.4 B:V	5.4 B:V	8.2 B:V	6.1 B:V	4.1 B:V	7.2 B:V
COPPER	14.9 :V	19.6 :V	15.4 :V	21.4 :V	26.3 :V	22.8 :V	14.2 :V	30.2 :V
IRON	9260 :V	10900 :V	12100 :V	12100 :V	14300 :V	12600 :V	8120 :V	17200 :V
LEAD	23.6 :V	28.6 :V	75.4 :V	64.9 :V	161 :V	56.8 :V	33.1 :V	35.8 :V
MAGNESIUM	1670 :V	1870 :V	1960 :V	1790 :V	2130 :V	1730 :V	1300 :V	4030 :V
MANGANESE	156 :V	185 :V	182 :V	178 :V	246 :V	216 :V	151 :V	379 :V
MERCURY	< .05 :V	.05 B:V	.06 B:V	.07 B:V	.18 :V	.1 :V	< .05 :V	< .049 :V
NICKEL	7.8 B:V	10.1 :V	9.9 :V	9.7 :V	12.3 :V	13.7 :V	8 B:V	8.2 :V
POTASSIUM	1400 :V	1370 :V	1420 :V	1690 :V	1960 :V	1730 :V	1540 :V	2540 :V
SELENIUM	< .51 :V	< .5 :V	< .48 :V	< .52 :V	< .58 :V	< .55 :V	< .51 :V	< .49 :V
SILVER	.83 B:V	.71 B:V	.94 B:V	1.8 B:V	1.9 :V	1 B:V	1 B:V	< 1.5 :J
SODIUM	60.4 B:V	97.8 B:V	71.1 B:V	66.3 B:V	63.4 :V	87.5 B:V	243 B:V	257 B:V
THALLIUM	< .35 :V	< .34 :V	< .33 :V	< .35 :V	< .4 :V	< .37 :V	< .34 :V	< .34 :R
VANADIUM	18.2 :V	22.7 :V	26 :V	23.8 :V	30.5 :V	21.8 :V	17.3 :V	27.2 :V
ZINC	97 :V	124 :V	70.6 :V	212 :V	199 :V	535 :V	109 :V	122 :V
Test Group:TRADS Units:pCi/g								
AMERICIUM-241	.24(.044) :V	.084(.028) :V	.23(.038) :V	3.9(.34) :V	1.5(.15) :V	.17(.034) :V	.024(.014) :V	.16(.04) :V
GROSS ALPHA	13(2.8) :A	13(2.7) :A	17(3.3) :A	27(3.8) :A	99(7.1) :A	14(2.7) :A	13(3) :A	12(2.6) :A
GROSS BETA	21(3.1) :A	22(3.4) :A	23(3.3) :A	25(3.6) :A	17(3.2) :A	20(3.1) :A	24(3.2) :A	25(3.5) :A
PLUTONIUM-239/240	.94(.071) B:V	.27(.036) B:V	1.1(.077) B:V	22(.67) B:V	6.3(.23) B:V	1.1(.075) B:V	.16(.016) :V	1.1(.072) B:V
URANIUM-233,-234	.41(.14) B:V	.73(.18) B:V	.94(.26) B:V	.82(.17) B:V	.61(.17) B:V	.6(.18) B:V	.61(.22) B:V	.49(.15) B:V
URANIUM-235	.04(.054) U:V	.089(.067) J:V	.11(.073) J:V	.063(.054) U:V	.084(.073) U:V	.053(.053) U:V	.036(.036) U:V	.097(.073) J:V
URANIUM-238	.42(.14) B:A	.73(.18) B:V	.81(.23) B:V	.85(.18) B:V	.79(.19) B:V	.52(.16) B:A	.28(.12) BJ:A	.55(.17) B:A
Test Group:WQPL Units:µg/g								
NITRATE/NITRITE	5.17 :V	4.04 :V	3.34 :V	1.09 :V	1.24 :V	7.81 :V	12.1 :V	44.4 :V
pH **Units: pH**	8.64 :J	8.59 :J	8.51 :J	8.24 :J	8.27 :J	8.03 :J	9.02 :J	7.62 :J

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TABLE E-16
Surface Soil Data Summary
OU8 - IHSS 144(N)
Rocky Flats Environmental Technology Site

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	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
Test Group:BNACLP Units:µg/kg							
1,2,4-TRICHLOROBENZENE	330	340	SS804693 (2)	380	SS804993 (1)		
1,2-DICHLOROBENZENE	330	340	SS804693 (2)	380	SS804993 (1)		
1,3-DICHLOROBENZENE	330	340	SS804693 (2)	380	SS804993 (1)		
1,4-DICHLOROBENZENE	330	340	SS804693 (2)	380	SS804993 (1)		
2,4,5-TRICHLOROPHENOL	1600	1600	SS804693 (2)	1900	SS804993 (1)		
2,4,6-TRICHLOROPHENOL	330	340	SS804693 (2)	380	SS804993 (1)		
2,4-DICHLOROPHENOL	330	340	SS804693 (2)	380	SS804993 (1)		
2,4-DIMETHYLPHENOL	330	340	SS804693 (2)	380	SS804993 (1)		
2,4-DINITROPHENOL	1600	1600	SS804693 (2)	1900	SS804993 (1)		
2,4-DINITROTOLUENE	330	340	SS804693 (2)	380	SS804993 (1)		
2,6-DINITROTOLUENE	330	340	SS804693 (2)	380	SS804993 (1)		
2-CHLORONAPHTHALENE	330	340	SS804693 (2)	380	SS804993 (1)		
2-CHLOROPHENOL	330	340	SS804693 (2)	380	SS804993 (1)		
2-METHYLNAPHTHALENE	330	340	SS805293 (1)	380	SS804993 (1)	48 J:A	SS804693 (1)
2-METHYLPHENOL	330	340	SS804693 (2)	380	SS804993 (1)		
2-NITROANILINE	1600	1600	SS804693 (2)	1900	SS804993 (1)		
2-NITROPHENOL	330	340	SS804693 (2)	380	SS804993 (1)		
3,3'-DICHLOROBENZIDINE	660	680	SS804693 (2)	760	SS804993 (1)		
3-NITROANILINE	1600	1600	SS804693 (1)	1900	SS804993 (1)		
4,6-DINITRO-2-METHYLPHENOL	1600	1600	SS804693 (2)	1900	SS804993 (1)		
4-CHLORO-3-METHYLPHENOL	330	340	SS804693 (2)	380	SS804993 (1)		
4-CHLOROANILINE	330	340	SS804693 (2)	380	SS804993 (1)		
4-CHLOROPHENYL PHENYL ETHER	330	340	SS804693 (2)	380	SS804993 (1)		
4-METHYLPHENOL	330	340	SS804693 (2)	380	SS804993 (1)		
4-NITROANILINE	1600	1600	SS804693 (2)	1900	SS804993 (1)		
4-NITROPHENOL	1600	1600	SS804693 (2)	1900	SS804993 (1)		
ACENAPHTHENE	330	**	**	**	**	57 J:A	SS805293 (1)
ACENAPHTHYLENE	330	340	SS804693 (2)	380	SS804993 (1)		
ANTHRACENE	330	**	**	**	**	60 J:A	SS805293 (1)
BENZO(a)ANTHRACENE	330	**	**	**	**	200 J:A	SS805293 (1)
BENZO(a)PYRENE	330	**	**	**	**	350 :V	SS805293 (1)
BENZO(b)FLUORANTHENE	330	**	**	**	**	360 :V	SS805293 (1)
BENZO(ghi)PERYLENE	330	**	**	**	**	140 J:A	SS805293 (1)
BENZO(k)FLUORANTHENE	330	**	**	**	**	170 J:A	SS805293 (1)
BENZOIC ACID	1600	1600	SS804693 (2)	1900	SS804993 (1)		
BENZYL ALCOHOL	330	340	SS804693 (2)	960	SS804993 (1)		
BIS(2-CHLOROETHOXY)METHANE	330	340	SS804693 (2)	380	SS804993 (1)		

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TABLE E-16
Surface Soil Data Summary
OU8 - IHSS 144(N)
Rocky Flats Environmental Technology Site

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	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
BIS(2-CHLOROETHYL)ETHER	330	340	SS804693 (2)	380	SS804993 (1)		
BIS(2-CHLOROISOPROPYL)ETHER	330	340	SS804693 (2)	380	SS804993 (1)		
BIS(2-ETHYLHEXYL)PHTHALATE	330	**	**	**	**	89 J:A	SS805193 (1)
BUTYL BENZYL PHTHALATE	330	340	SS804693 (2)	880	SS804993 (1)		
CHRYSENE	330	**	**	**	**	270 J:A	SS805293 (1)
DI-n-BUTYL PHTHALATE	330	350	SS804793 (3)	370	SS805093 (1)	40 J:A	SS804693 (1)
DI-n-OCTYL PHTHALATE	330	340	SS804693 (2)	380	SS804993 (1)		
DIBENZO(a,h)ANTHRACENE	330	**	**	**	**	58 J:A	SS805293 (1)
DIBENZOFURAN	330	340	SS805293 (1)	350	SS804793 (2)	120 J:A	SS804693 (1)
DIETHYL PHTHALATE	330	340	SS804693 (2)	380	SS804993 (1)		
DIMETHYL PHTHALATE	330	340	SS804693 (2)	380	SS804993 (1)		
FLUORANTHENE	330	**	**	**	**	680 :V	SS805293 (1)
FLUORENE	330	340	SS805293 (1)	350	SS804793 (1)	280 J:A	SS804893 (1)
HEXACHLOROBENZENE	330	340	SS804693 (2)	380	SS804993 (1)		
HEXACHLOROBUTADIENE	330	340	SS804693 (2)	380	SS804993 (1)		
HEXACHLOROCYCLOPENTADIENE	330	340	SS804693 (2)	380	SS804993 (1)		
HEXACHLOROETHANE	330	340	SS804693 (2)	380	SS804993 (1)		
INDENO(1,2,3-cd)PYRENE	330	**	**	**	**	210 J:A	SS805293 (1)
ISOPHORONE	330	340	SS804693 (2)	380	SS804993 (1)		
N-NITROSO-DI-n-PROPYLAMINE	330	340	SS804693 (2)	380	SS804993 (1)		
N-NITROSODIPHENYLAMINE	330	340	SS804693 (2)	380	SS804993 (1)		
NAPHTHALENE	330	340	SS805293 (1)	350	SS804793 (1)	100 J:A	SS804593 (1)
NITROBENZENE	330	340	SS804693 (2)	380	SS804993 (1)		
PENTACHLOROPHENOL	1600	1600	SS804693 (2)	1900	SS804993 (1)		
PHENANTHRENE	330	**	**	**	**	410 :V	SS805293 (1)
PHENOL	330	340	SS804693 (2)	380	SS804993 (1)		
PYRENE	330	**	**	**	**	510 :V	SS805293 (1)
p-BROMODIPHENYL ETHER	330	340	SS804693 (2)	380	SS804993 (1)		
Test Group:METADD Units:mg/kg							
CESIUM	1000	6.1	SS804593 (1)	9.3	SS804993 (1)		
LITHIUM	100	**	**	**	**	3.6 :V	SS805193 (1)
MOLYBDENUM	200	0.46	SS804793 (1)	2.7	SS805293 (1)		
STRONTIUM	200	**	**	**	**	16.4 B:V	SS804593 (1)
TIN	200	1.9	SS804793 (1)	3.6	SS804893 (1)		
Test Group:SMETCLP Units:mg/kg							
ALUMINUM	200	**	**	**	**	4850 :V	SS805193 (1)
ANTIMONY	60	2.2	SS804693 (3)	2.6	SS804993 (1)	2.3 B:J	SS805193 (1)
ARSENIC	10	**	**	**	**	2.9 :V	SS805293 (1)

TABLE E-16
Surface Soil Data Summary
OU8 - IHSS 144(N)
Rocky Flats Environmental Technology Site

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	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
BARIUM	200	**	**	**	**	53.2 :V	SS805193 (1)
BERYLLIUM	5	0.47	SS805293 (1)	0.47	SS805293 (1)	.36 B:V	SS805193 (1)
CADMIUM	5	0.27	SS804793 (1)	0.28	SS804593 (4)	.76 B:V	SS804893 (1)
CALCIUM	5000	**	**	**	**	3620 :V	SS804593 (1)
CHROMIUM	10	**	**	**	**	10.2 :V	SS804593 (1)
COBALT	50	**	**	**	**	4.1 B:V	SS805193 (1)
COPPER	25	**	**	**	**	14.2 :V	SS805193 (1)
IRON	100	**	**	**	**	8120 :V	SS805193 (1)
LEAD	3	**	**	**	**	23.6 :V	SS804593 (1)
MAGNESIUM	5000	**	**	**	**	1300 :V	SS805193 (1)
MANGANESE	15	**	**	**	**	151 :V	SS805193 (1)
MERCURY	0.2	0.05	SS805293 (1)	0.05	SS804593 (2)	.05 B:V	SS804693 (1)
NICKEL	40	**	**	**	**	7.8 B:V	SS804593 (1)
POTASSIUM	5000	**	**	**	**	1370 :V	SS804693 (1)
SELENIUM	5	0.48	SS804793 (1)	0.58	SS804993 (1)		
SILVER	10	1.5	SS805293 (1)	1.5	SS805293 (1)	.71 B:V	SS804693 (1)
SODIUM	5000	**	**	**	**	60.4 B:V	SS804593 (1)
THALLIUM	10	0.33	SS804793 (1)	0.4	SS804993 (1)		
VANADIUM	50	**	**	**	**	17.3 :V	SS805193 (1)
ZINC	20	**	**	**	**	70.6 :V	SS804793 (1)
Test Group:TRADS Units:pCi/g							
AMERICIUM-241	0.01	**	**	**	**	.024(.014) :V	SS805193 (1)
GROSS ALPHA	2	**	**	**	**	12(2.6) :A	SS805293 (1)
GROSS BETA	4	**	**	**	**	17(3.2) :A	SS804993 (1)
PLUTONIUM-239/240	0.008	**	**	**	**	.16(.016) :V	SS805193 (1)
URANIUM-233,-234	0.1	**	**	**	**	.41(.14) B:V	SS804593 (1)
URANIUM-235	0.09	**	**	**	**	.036(.036) U:V	SS805193 (1)
URANIUM-238	0.08	**	**	**	**	.28(.12) BJ:A	SS805193 (1)
Test Group:WQPL Units:µg/g							
NITRATE/NITRITE	0.5	**	**	**	**	1.09 :V	SS804893 (1)
pH **Units: pH**	0.01	**	**	**	**	7.62 :J	SS805293 (1)

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TABLE E-16
Surface Soil Data Summary
OU8 - IHSS 144(N)
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:BNACLP Units:µg/kg					
1,2,4-TRICHLOROBENZENE			0	7	0
1,2-DICHLOROBENZENE			0	7	0
1,3-DICHLOROBENZENE			0	7	0
1,4-DICHLOROBENZENE			0	7	0
2,4,5-TRICHLOROPHENOL			0	7	0
2,4,6-TRICHLOROPHENOL			0	7	0
2,4-DICHLOROPHENOL			0	7	0
2,4-DIMETHYLPHENOL			0	7	0
2,4-DINITROPHENOL			0	7	0
2,4-DINITROTOLUENE			0	7	0
2,6-DINITROTOLUENE			0	7	0
2-CHLORONAPHTHALENE			0	7	0
2-CHLOROPHENOL			0	7	0
2-METHYLNAPHTHALENE	180 J:A	SS805193 (1)	3	7	154
2-METHYLPHENOL			0	7	0
2-NITROANILINE			0	7	0
2-NITROPHENOL			0	7	0
3,3'-DICHLOROBENZIDINE			0	7	0
3-NITROANILINE			0	4	0
4,6-DINITRO-2-METHYLPHENOL			0	7	0
4-CHLORO-3-METHYLPHENOL			0	7	0
4-CHLOROANILINE			0	7	0
4-CHLOROPHENYL PHENYL ETHER			0	7	0
4-METHYLPHENOL			0	7	0
4-NITROANILINE			0	7	0
4-NITROPHENOL			0	7	0
ACENAPHTHENE	1100 :V	SS805193 (1)	8	8	514.625
ACENAPHTHYLENE			0	7	0
ANTHRACENE	1100 :V	SS805193 (1)	8	8	502.625
BENZO(a)ANTHRACENE	2000 :V	SS804993 (2)	8	8	1287.5
BENZO(a)PYRENE	1800 :J	SS804593 (2)	8	8	1250
BENZO(b)FLUORANTHENE	2800 :V	SS804993 (1)	8	8	1921.25
BENZO(ghi)PERYLENE	780 :J	SS804593 (1)	8	8	391.25
BENZO(k)FLUORANTHENE	740 :J	SS804593 (1)	8	8	500
BENZOIC ACID			0	7	0
BENZYL ALCOHOL			0	7	0
BIS(2-CHLOROETHOXY)METHANE			0	7	0

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TABLE E-16
Surface Soil Data Summary
OU8 - IHSS 144(N)
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
BIS(2-CHLOROETHYL)ETHER			0	7	0
BIS(2-CHLOROISOPROPYL)ETHER			0	7	0
BIS(2-ETHYLHEXYL)PHTHALATE	810 :V	SS804893 (1)	7	7	369.8571
BUTYL BENZYL PHTHALATE			0	7	0
CHRYSENE	2300 :V	SS804993 (1)	8	8	1465
DI-n-BUTYL PHTHALATE	64 J:A	SS805293 (1)	3	7	122.2857
DI-n-OCTYL PHTHALATE			0	7	0
DIBENZO(a,h)ANTHRACENE	390 :V	SS804693 (1)	8	8	243.375
DIBENZOFURAN	410 :V	SS805193 (1)	5	8	206.25
DIETHYL PHTHALATE			0	7	0
DIMETHYL PHTHALATE			0	7	0
FLUORANTHENE	6800 D:V	SS805193 (1)	8	8	3622.5
FLUORENE	860 :V	SS805193 (1)	6	8	406.875
HEXACHLOROBENZENE			0	7	0
HEXACHLOROBUTADIENE			0	7	0
HEXACHLOROCYCLOPENTADIENE			0	7	0
HEXACHLOROETHANE			0	7	0
INDENO(1,2,3-cd)PYRENE	1100 :V	SS804993 (2)	8	8	785
ISOPHORONE			0	7	0
N-NITROSO-DI-n-PROPYLAMINE			0	7	0
N-NITROSODIPHENYLAMINE			0	7	0
NAPHTHALENE	400 :V	SS805193 (1)	6	8	195.625
NITROBENZENE			0	7	0
PENTACHLOROPHENOL			0	7	0
PHENANTHRENE	6000 D:V	SS805193 (1)	8	8	2922.5
PHENOL			0	7	0
PYRENE	6100 D:V	SS805193 (1)	8	8	3067.5
p-BROMODIPHENYL ETHER			0	7	0
Test Group:METADD Units:mg/kg					
CESIUM			0	8	0
LITHIUM	7.9 B:V	SS804993 (1)	8	8	5.7
MOLYBDENUM			0	8	0
STRONTIUM	24 B:V	SS804993 (1)	8	8	20.7
TIN			0	8	0
Test Group:SMETCLP Units:mg/kg					
ALUMINUM	10100 :V	SS804993 (1)	8	8	7035
ANTIMONY	2.3 B:J	SS805193 (1)	1	8	1.3063
ARSENIC	5.9 :V	SS804793 (1)	8	8	4.35

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TABLE E-16
Surface Soil Data Summary
OU8 - IHSS 144(N)
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
BARIUM	101 :V	SS804993 (1)	8	8	74.925
BERYLLIUM	.73 B:V	SS804993 (1)	7	8	0.5144
CADMIUM	.97 B:V	SS805093 (1)	3	8	0.4081
CALCIUM	8750 :V	SS805293 (1)	8	8	5002.5
CHROMIUM	30.8 :V	SS804993 (1)	8	8	17.0375
COBALT	8.2 B:V	SS804993 (1)	8	8	6.125
COPPER	30.2 :V	SS805293 (1)	8	8	20.6
IRON	17200 :V	SS805293 (1)	8	8	12072.5
LEAD	161 :V	SS804993 (1)	8	8	59.9
MAGNESIUM	4030 :V	SS805293 (1)	8	8	2060
MANGANESE	379 :V	SS805293 (1)	8	8	211.625
MERCURY	.18 :V	SS804993 (1)	5	8	0.0668
NICKEL	13.7 :V	SS805093 (1)	8	8	9.9625
POTASSIUM	2540 :V	SS805293 (1)	8	8	1706.25
SELENIUM			0	8	0
SILVER	1.9 :V	SS804993 (1)	7	8	1.1163
SODIUM	257 B:V	SS805293 (1)	8	8	118.3125
THALLIUM			0	7	0
VANADIUM	30.5 :V	SS804993 (1)	8	8	23.4375
ZINC	535 :V	SS805093 (1)	8	8	183.575
Test Group:TRADS Units:pCi/g					
AMERICIUM-241	3.9(.34) :V	SS804893 (1)	8	8	0.7885
GROSS ALPHA	99(7.1) :A	SS804993 (1)	8	8	26
GROSS BETA	25(3.6) :A	SS804893 (2)	8	8	22.125
PLUTONIUM-239/240	22(.67) B:VV	SS804893 (1)	8	8	4.1213
URANIUM-233,-234	.94(.26) B:V	SS804793 (1)	8	8	0.6513
URANIUM-235	.11(.073) J:V	SS804793 (1)	8	8	0.0715
URANIUM-238	.85(.18) B:V	SS804893 (1)	8	8	0.6188
Test Group:WQPL Units:µg/g					
NITRATE/NITRITE	44.4 :V	SS805293 (1)	8	8	9.8988
pH **Units: pH**	9.02 :J	SS805193 (1)	8	8	8.365

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TABLE E-17
Surface Soil Results
OU8 - IHSS 144(S)
Rocky Flats Environmental Technology Site

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Sample Location:	SS805393	SS805493	SS805593	SS805593	SS805693	SS805793	SS805893	SS805993
Sample Identification Number:	SSG0047JE	SSG0048JE	SSG0049JE	SSG0132JE	SSG0050JE	SSG0051JE	SSG0052JE	SSG0053JE
Date Sampled:	10-Nov-94	10-Nov-94	10-Nov-94	10-Nov-94	10-Nov-94	10-Nov-94	10-Nov-94	10-Nov-94
Test Group:BNACLP Units:µg/kg								
1,2,4-TRICHLOROBENZENE	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
1,2-DICHLOROBENZENE	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
1,3-DICHLOROBENZENE	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
1,4-DICHLOROBENZENE	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
2,4,5-TRICHLOROPHENOL	< 1800 :V	< 1800 :V	< 1900 :V	< 1900 :V	< 1800 :V	< 1900 :V	< 370 :V	< 1800 :V
2,4,6-TRICHLOROPHENOL	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 1800 :V	< 370 :V
2,4-DICHLOROPHENOL	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
2,4-DIMETHYLPHENOL	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
2,4-DINITROPHENOL	< 1800 :V	< 1800 :V	< 1900 :V	< 1900 :V	< 1800 :V	< 1900 :V	< 1800 :V	< 1800 :V
2,4-DINITROTOLUENE	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
2,6-DINITROTOLUENE	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
2-CHLORONAPHTHALENE	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 1800 :V	< 370 :V
2-CHLOROPHENOL	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
2-METHYLNAPHTHALENE	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
2-METHYLPHENOL	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
2-NITROANILINE	< 1800 :V	< 1800 :V	< 1900 :V	< 1900 :V	< 1800 :V	< 1900 :V	< 370 :V	< 1800 :V
2-NITROPHENOL	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
3,3'-DICHLOROBENZIDINE	< 740 :V	< 730 :V	< 780 :V	< 780 :V	< 740 :V	< 800 :V	< 730 :V	< 740 :V
3-NITROANILINE	< 1800 :V	< 1800 :V	< 1900 :V	< 1900 :V	< 1800 :V	< 1900 :V	< 1800 :V	< 1800 :V
4,6-DINITRO-2-METHYLPHENOL	< 1800 :V	< 1800 :V	< 1900 :V	< 1900 :V	< 1800 :V	< 1900 :V	< 1800 :V	< 1800 :V
4-CHLORO-3-METHYLPHENOL	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
4-CHLOROANILINE	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
4-CHLOROPHENYL PHENYL ETHER	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
4-METHYLPHENOL	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
4-NITROANILINE	< 1800 :V	< 1800 :V	< 1900 :V	< 1900 :V	160 J:A	< 1900 :V	< 1800 :V	< 1800 :V
4-NITROPHENOL	< 1800 :V	< 1800 :V	< 1900 :V	< 1900 :V	< 1800 :V	< 1900 :V	< 1800 :V	< 1800 :V
ACENAPHTHENE	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
ACENAPHTHYLENE	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
ANTHRACENE	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
BENZO(a)ANTHRACENE	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	44 J:A	< 370 :V
BENZO(a)PYRENE	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	39 J:A	< 370 :V
BENZO(b)FLUORANTHENE	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	67 J:A	< 370 :V
BENZO(ghi)PERYLENE	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
BENZO(k)FLUORANTHENE	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
BENZOIC ACID	< 1800 :V	< 1800 :V	< 1900 :V	< 1900 :V	< 1800 :V	< 1900 :V	< 1800 :V	< 1800 :V
BENZYL ALCOHOL	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V

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TABLE E-17
Surface Soil Results
OU8 - IHSS 144(S)
Rocky Flats Environmental Technology Site

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Sample Location:	SS805393	SS805493	SS805593	SS805593	SS805693	SS805793	SS805893	SS805993
Sample Identification Number:	SSG0047JE	SSG0048JE	SSG0049JE	SSG0132JE	SSG0050JE	SSG0051JE	SSG0052JE	SSG0053JE
Date Sampled:	10-Nov-94	10-Nov-94	10-Nov-94	10-Nov-94	10-Nov-94	10-Nov-94	10-Nov-94	10-Nov-94
BIS(2-CHLOROETHOXY)METHANE	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
BIS(2-CHLOROETHYL)ETHER	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
BIS(2-CHLOROISOPROPYL)ETHER	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
BIS(2-ETHYLHEXYL)PHTHALATE	< 370 :V	< 370 :V	< 390 :V	< 390 :V	44 J:A	< 400 :V	< 370 :V	< 370 :V
BUTYL BENZYL PHTHALATE	< 370 :J	< 400 :J	< 420 :J	< 390 :J	< 370 :J	< 400 :J	< 370 :J	< 370 :J
CHRYSENE	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	54 J:A	< 370 :V
DI-n-BUTYL PHTHALATE	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
DI-n-OCTYL PHTHALATE	< 370 :V	< 370 :V	< 390 :V	< 390 :V	38 J:A	< 400 :V	< 370 :V	< 370 :V
DIBENZO(a,h)ANTHRACENE	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
DIBENZOFURAN	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
DIETHYL PHTHALATE	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
DIMETHYL PHTHALATE	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
FLUORANTHENE	< 370 :V	< 370 :V	45 J:A	61 J:A	< 370 :V	71 J:A	100 J:A	< 370 :V
FLUORENE	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
HEXACHLOROBENZENE	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
HEXACHLOROBUTADIENE	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
HEXACHLOROCYCLOPENTADIENE	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
HEXACHLOROETHANE	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
INDENO(1,2,3-cd)PYRENE	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
ISOPHORONE	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
N-NITROSO-DI-n-PROPYLAMINE	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
N-NITROSODIPHENYLAMINE	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
NAPHTHALENE	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
NITROBENZENE	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
PENTACHLOROPHENOL	< 1800 :V	< 1800 :V	< 1900 :V	< 1900 :V	< 1800 :V	< 1900 :V	< 1800 :V	< 1800 :V
PHENANTHRENE	< 370 :V	< 370 :V	< 390 :V	43 J:A	< 370 :V	87 J:A	76 J:A	< 370 :V
PHENOL	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
PYRENE	< 370 :V	< 370 :V	42 J:A	56 J:A	< 370 :V	66 J:A	91 J:A	< 370 :V
p-BROMODIPHENYL ETHER	< 370 :V	< 370 :V	< 390 :V	< 390 :V	< 370 :V	< 400 :V	< 370 :V	< 370 :V
Test Group:METADD Units:mg/kg								
CESIUM	< 6.2 :J	< 6.2 :J	< 11.2 :J	< 7 :J	< 6 :J	< 8.7 :J	< 8.7 :J	< 6.5 :J
LITHIUM	1.8 B:V	1.9 B:V	2.7 B:V	2.3 B:V	2.7 B:V	2.1 B:V	4.7 B:V	2 B:V
MOLYBDENUM	< .49 :V	< .49 :V	< .59 :J	< .56 :V	< .81 :J	< .52 :J	< .78 :J	< .52 :V
STRONTIUM	15 B:V	12.4 B:V	11.4 B:V	14 B:V	16.5 B:V	15.6 B:V	23.4 B:V	11.9 B:V
TIN	< 2 :V	< 2 :V	< 2.2 :V	< 2.3 :V	< 2 :V	< 2.2 :V	< 2.2 :V	< 2.1 :V
Test Group:SMETCLP Units:mg/kg								
ALUMINUM	2090 :V	2210 :V	2320 :V	2410 :V	2580 :V	2310 :V	5060 :V	2280 :V

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TABLE E-17
Surface Soil Results
OU8 - IHSS 144(S)
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS805393 SSG0047JE 10-Nov-94	SS805493 SSG0048JE 10-Nov-94	SS805593 SSG0049JE 10-Nov-94	SS805593 SSG0132JE 10-Nov-94	SS805693 SSG0050JE 10-Nov-94	SS805793 SSG0051JE 10-Nov-94	SS805893 SSG0052JE 10-Nov-94	SS805993 SSG0053JE 10-Nov-94
ANTIMONY	< 2.3 :J	< 2.3 :J	< 2.5 :J	< 2.6 :J	< 2.3 :J	< 2.4 :J	< 2.4 :J	< 2.4 :J
ARSENIC	5.4 :V	4.9 :V	4 :V	4.5 :V	4.8 :V	4.5 :V	3.5 :V	5.5 :V
BARIUM	40.8 B:V	42.9 :V	39.5 B:V	38.4 B:V	43.5 :V	40.6 B:V	66 :V	46.3 :V
BERYLLIUM	< .25 :J	< .2 :J	< .15 :J	< .19 :J	< .18 :J	< .22 :J	< .32 :J	< .22 :J
CADMIUM	< .29 :V	.32 B:V	< .31 :V	.82 B:V	< .28 :V	< .31 :V	.44 B:V	< .3 :V
CALCIUM	2290 I:J	1260 I:J	1190 I:J	2230 I:J	3160 I:J	2360 I:J	5130 I:J	1180 I:J
CHROMIUM	4.5 :V	4.8 :V	4.8 :V	4.3 :V	5.3 :V	5.2 :V	7.8 :V	7.4 :V
COBALT	2.7 B:V	3.1 B:V	3.7 B:V	3.2 B:V	5.9 B:V	2.8 B:V	5.8 B:V	3.8 B:V
COPPER	12.7 :J	15.5 :V	12.8 :J	13.7 :J	16.2 :V	13.7 :J	16.8 :V	14.9 :J
IRON	3280 :V	3610 :V	4170 :V	4280 :V	4670 :V	3600 :V	7810 :V	4050 :V
LEAD	5 :V	4.5 :V	4.5 :V	8.1 :V	7.5 :V	5.6 :V	10.7 :V	5.1 :V
MAGNESIUM	576 B:V	572 B:V	845 B:V	783 B:V	859 B:V	662 B:V	1290 :V	601 B:V
MANGANESE	50.5 :V	47 :V	68.7 :V	78.2 :V	73.4 :V	57.2 :V	138 :V	61.7 :V
MERCURY	< .05 :V	< .05 :V	< .05 :V	< .05 :V	< .06 :V	< .05 :V	< .06 :V	< .05 :V
NICKEL	3.4 B:V	3.6 B:V	3.1 B:V	3.8 B:V	4.1 B:V	3.8 B:V	7 B:V	3.3 B:V
POTASSIUM	577 B:V	593 B:V	631 B:V	633 B:V	691 B:V	609 B:V	1040 B:V	581 B:V
SELENIUM	< .51 :V	< .51 :V	< .56 :V	< .58 :V	< .5 :V	< .55 :V	< .55 :V	< .54 :V
SILVER	< .49 :V	< .49 :V	< .54 :V	< .56 :V	< .48 :V	< .52 :V	.56 B:V	< .52 :V
SODIUM	< 38 :J	< 30.1 :J	< 36.7 :J	78 B:V	< 46.2 :J	< 30.6 :J	90 B:V	< 50.5 :J
THALLIUM	< .35 :V	< .35 :V	< .38 :V	< .39 :V	< .34 :V	< .37 :V	< .37 :V	< .37 :V
VANADIUM	10.5 :V	11.1 :V	9.4 B:V	10.5 B:V	12.1 :V	10.7 B:V	16.1 :V	10.7 B:V
ZINC	18.4 :V	15.9 :V	17.3 :V	179 :V	39.7 :V	28.3 :V	51.3 :V	16.1 :V
Test Group:TRADS Units:pCi/g								
AMERICIUM-241	.018(.011) U:V	.013(.008) J:V	.021(.014) :V	.006(.012) U:V	.026(.017) :V	.007(.012) U:V	.018(.008) J:V	.012(.011) U:V
GROSS ALPHA	9.2(2.4) :A	7.7(2.3) :A	6.8(2.3) :A	13(2.7) :A	16(3.1) :A	7.8(2.1) :A	13(2.9) :A	8.6(2.5) :A
GROSS BETA	26(3.2) :A	32(3.7) :A	22(3.2) :A	26(3.4) :A	30(3.4) :A	24(3.2) :A	29(3.3) :A	32(3.7) :A
PLUTONIUM-239/240	.035(.013) :V	.055(.015) :V	.098(.02) :V	.013(.007) J:V	.065(.017) :V	.037(.013) :V	.13(.021) :V	.01(.012) U:V
URANIUM-233,-234	.64(.16) :V	.63(.16) :V	.61(.15) :V	.69(.2) :V	.67(.16) :V	.56(.16) :V	.55(.17) :V	.52(.16) :V
URANIUM-235	.035(.047) U:V	.052(.042) U:V	.019(.019) U:V	.066(.066) U:V	.028(.037) U:V	.053(.053) U:V	.12(.073) J:V	(.026) U:V
URANIUM-238	.63(.16) :V	.61(.16) :V	.59(.15) :V	.68(.2) :V	.51(.13) :V	.53(.16) :V	.55(.17) :V	.57(.16) :V

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TABLE E-18
Surface Soil Data Summary
OU8 - IHSS 144(S)
Rocky Flats Environmental Technology Site

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	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
Test Group:BNACLP Units:µg/kg							
1,2,4-TRICHLOROBENZENE	330	370	SS805393 (5)	400	SS805793 (1)		
1,2-DICHLOROBENZENE	330	370	SS805393 (5)	400	SS805793 (1)		
1,3-DICHLOROBENZENE	330	370	SS805393 (5)	400	SS805793 (1)		
1,4-DICHLOROBENZENE	330	370	SS805393 (5)	400	SS805793 (1)		
2,4,5-TRICHLOROPHENOL	1600	370	SS805893 (1)	1900	SS805593 (2)		
2,4,6-TRICHLOROPHENOL	330	370	SS805393 (4)	1800	SS805893 (1)		
2,4-DICHLOROPHENOL	330	370	SS805393 (5)	400	SS805793 (1)		
2,4-DIMETHYLPHENOL	330	370	SS805393 (5)	400	SS805793 (1)		
2,4-DINITROPHENOL	1600	1800	SS805393 (5)	1900	SS805593 (2)		
2,4-DINITROTOLUENE	330	370	SS805393 (5)	400	SS805793 (1)		
2,6-DINITROTOLUENE	330	370	SS805393 (5)	400	SS805793 (1)		
2-CHLORONAPHTHALENE	330	370	SS805393 (4)	1800	SS805893 (1)		
2-CHLOROPHENOL	330	370	SS805393 (5)	400	SS805793 (1)		
2-METHYLNAPHTHALENE	330	370	SS805393 (5)	400	SS805793 (1)		
2-METHYLPHENOL	330	370	SS805393 (5)	400	SS805793 (1)		
2-NITROANILINE	1600	370	SS805893 (1)	1900	SS805593 (2)		
2-NITROPHENOL	330	370	SS805393 (5)	400	SS805793 (1)		
3,3'-DICHLOROBENZIDINE	660	730	SS805493 (2)	800	SS805793 (1)		
3-NITROANILINE	1600	1800	SS805393 (5)	1900	SS805593 (2)		
4,6-DINITRO-2-METHYLPHENOL	1600	1800	SS805393 (5)	1900	SS805593 (2)		
4-CHLORO-3-METHYLPHENOL	330	370	SS805393 (5)	400	SS805793 (1)		
4-CHLOROANILINE	330	370	SS805393 (5)	400	SS805793 (1)		
4-CHLOROPHENYL PHENYL ETHER	330	370	SS805393 (5)	400	SS805793 (1)		
4-METHYLPHENOL	330	370	SS805393 (5)	400	SS805793 (1)		
4-NITROANILINE	1600	1800	SS805393 (4)	1900	SS805593 (2)	160 J:A	SS805693 (1)
4-NITROPHENOL	1600	1800	SS805393 (5)	1900	SS805593 (2)		
ACENAPHTHENE	330	370	SS805393 (5)	400	SS805793 (1)		
ACENAPHTHYLENE	330	370	SS805393 (5)	400	SS805793 (1)		
ANTHRACENE	330	370	SS805393 (5)	400	SS805793 (1)		
BENZO(a)ANTHRACENE	330	370	SS805393 (4)	400	SS805793 (1)	44 J:A	SS805893 (1)
BENZO(a)PYRENE	330	370	SS805393 (4)	400	SS805793 (1)	39 J:A	SS805893 (1)
BENZO(b)FLUORANTHENE	330	370	SS805393 (4)	400	SS805793 (1)	67 J:A	SS805893 (1)
BENZO(ghi)PERYLENE	330	370	SS805393 (5)	400	SS805793 (1)		
BENZO(k)FLUORANTHENE	330	370	SS805393 (5)	400	SS805793 (1)		
BENZOIC ACID	1600	1800	SS805393 (5)	1900	SS805593 (2)		
BENZYL ALCOHOL	330	370	SS805393 (5)	400	SS805793 (1)		
BIS(2-CHLOROETHOXY)METHANE	330	370	SS805393 (5)	400	SS805793 (1)		

TABLE E-18
Surface Soil Data Summary
OU8 - IHSS 144(S)
Rocky Flats Environmental Technology Site

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	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
BIS(2-CHLOROETHYL)ETHER	330	370	SS805393 (5)	400	SS805793 (1)		
BIS(2-CHLOROISOPROPYL)ETHER	330	370	SS805393 (5)	400	SS805793 (1)		
BIS(2-ETHYLHEXYL)PHTHALATE	330	370	SS805393 (4)	400	SS805793 (1)	44 J:A	SS805693 (1)
BUTYL BENZYL PHTHALATE	330	370	SS805393 (4)	400	SS805493 (2)		
CHRYSENE	330	370	SS805393 (4)	400	SS805793 (1)	54 J:A	SS805893 (1)
DI-n-BUTYL PHTHALATE	330	370	SS805393 (5)	400	SS805793 (1)		
DI-n-OCTYL PHTHALATE	330	370	SS805393 (4)	400	SS805793 (1)	38 J:A	SS805693 (1)
DIBENZO(a,h)ANTHRACENE	330	370	SS805393 (5)	400	SS805793 (1)		
DIBENZOFURAN	330	370	SS805393 (5)	400	SS805793 (1)		
DIETHYL PHTHALATE	330	370	SS805393 (5)	400	SS805793 (1)		
DIMETHYL PHTHALATE	330	370	SS805393 (5)	400	SS805793 (1)		
FLUORANTHENE	330	370	SS805393 (4)	370	SS805393 (4)	61 J:A	SS805593 (1)
FLUORENE	330	370	SS805393 (5)	400	SS805793 (1)		
HEXACHLOROBENZENE	330	370	SS805393 (5)	400	SS805793 (1)		
HEXACHLOROBUTADIENE	330	370	SS805393 (5)	400	SS805793 (1)		
HEXACHLOROCYCLOPENTADIENE	330	370	SS805393 (5)	400	SS805793 (1)		
HEXACHLOROETHANE	330	370	SS805393 (5)	400	SS805793 (1)		
INDENO(1,2,3-cd)PYRENE	330	370	SS805393 (5)	400	SS805793 (1)		
ISOPHORONE	330	370	SS805393 (5)	400	SS805793 (1)		
N-NITROSO-DI-n-PROPYLAMINE	330	370	SS805393 (5)	400	SS805793 (1)		
N-NITROSODIPHENYLAMINE	330	370	SS805393 (5)	400	SS805793 (1)		
NAPHTHALENE	330	370	SS805393 (5)	400	SS805793 (1)		
NITROBENZENE	330	370	SS805393 (5)	400	SS805793 (1)		
PENTACHLOROPHENOL	1600	1800	SS805393 (5)	1900	SS805593 (2)		
PHENANTHRENE	330	370	SS805393 (4)	370	SS805393 (4)	43 J:A	SS805593 (1)
PHENOL	330	370	SS805393 (5)	400	SS805793 (1)		
PYRENE	330	370	SS805393 (4)	370	SS805393 (4)	56 J:A	SS805593 (1)
p-BROMODIPHENYL ETHER	330	370	SS805393 (5)	400	SS805793 (1)		
Test Group:METADD Units:mg/kg							
CESIUM	1000	6	SS805693 (1)	8.7	SS805793 (2)		
LITHIUM	100	**	**	**	**	1.8 B:V	SS805393 (1)
MOLYBDENUM	200	0.49	SS805393 (2)	0.81	SS805693 (1)		
STRONTIUM	200	**	**	**	**	11.9 B:V	SS805993 (1)
TIN	200	2	SS805393 (3)	2.2	SS805593 (3)		
Test Group:SMETCLP Units:mg/kg							
ALUMINUM	200	**	**	**	**	2090 :V	SS805393 (1)
ANTIMONY	60	2.3	SS805393 (3)	2.5	SS805593 (1)		
ARSENIC	10	**	**	**	**	3.5 :V	SS805893 (1)

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TABLE E-18
Surface Soil Data Summary
OU8 - IHSS 144(S)
Rocky Flats Environmental Technology Site

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
BARIUM	200	**	**	**	**	39.5 B:V	SS805593 (1)
BERYLLIUM	5	0.15	SS805593 (1)	0.32	SS805893 (1)		
CADMIUM	5	0.28	SS805693 (1)	0.31	SS805793 (1)	.32 B:V	SS805493 (1)
CALCIUM	5000	**	**	**	**	1180 I:J	SS805993 (1)
CHROMIUM	10	**	**	**	**	4.5 :V	SS805393 (1)
COBALT	50	**	**	**	**	2.7 B:V	SS805393 (1)
COPPER	25	**	**	**	**	12.7 :J	SS805393 (1)
IRON	100	**	**	**	**	3280 :V	SS805393 (1)
LEAD	3	**	**	**	**	4.5 :V	SS805493 (1)
MAGNESIUM	5000	**	**	**	**	572 B:V	SS805493 (1)
MANGANESE	15	**	**	**	**	47 :V	SS805493 (1)
MERCURY	0.2	0.05	SS805393 (5)	0.06	SS805693 (2)		
NICKEL	40	**	**	**	**	3.3 B:V	SS805993 (1)
POTASSIUM	5000	**	**	**	**	577 B:V	SS805393 (1)
SELENIUM	5	0.5	SS805693 (1)	0.56	SS805593 (1)		
SILVER	10	0.48	SS805693 (1)	0.54	SS805593 (1)	.56 B:V	SS805893 (1)
SODIUM	5000	30.1	SS805493 (1)	50.5	SS805993 (1)	78 B:V	SS805593 (1)
THALLIUM	10	0.34	SS805693 (1)	0.38	SS805593 (1)		
VANADIUM	50	**	**	**	**	10.5 :V	SS805393 (2)
ZINC	20	**	**	**	**	15.9 :V	SS805493 (1)
Test Group:TRADS Units:pCi/g							
AMERICIUM-241	0.02	**	**	**	**	.006(.012) U:V	SS805593 (1)
GROSS ALPHA	3	**	**	**	**	6.8(2.3) :A	SS805593 (1)
GROSS BETA	5	**	**	**	**	22(3.2) :A	SS805593 (1)
PLUTONIUM-239/240	0.02	**	**	**	**	.01(.012) U:V	SS805993 (1)
URANIUM-233,-234	0.1	**	**	**	**	.52(.16) :V	SS805993 (1)
URANIUM-235	0.1	**	**	**	**	(.026) U:V:V	SS805993 (1)
URANIUM-238	0.08	**	**	**	**	.51(.13) :V	SS805693 (1)

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TABLE E-18
Surface Soil Data Summary
OU8 - IHSS 144(S)
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:BNACLP Units:µg/kg					
1,2,4-TRICHLOROBENZENE			0	7	0
1,2-DICHLOROBENZENE			0	7	0
1,3-DICHLOROBENZENE			0	7	0
1,4-DICHLOROBENZENE			0	7	0
2,4,5-TRICHLOROPHENOL			0	7	0
2,4,6-TRICHLOROPHENOL			0	7	0
2,4-DICHLOROPHENOL			0	7	0
2,4-DIMETHYLPHENOL			0	7	0
2,4-DINITROPHENOL			0	7	0
2,4-DINITROTOLUENE			0	7	0
2,6-DINITROTOLUENE			0	7	0
2-CHLORONAPHTHALENE			0	7	0
2-CHLOROPHENOL			0	7	0
2-METHYLNAPHTHALENE			0	7	0
2-METHYLPHENOL			0	7	0
2-NITROANILINE			0	7	0
2-NITROPHENOL			0	7	0
3,3'-DICHLOROBENZIDINE			0	7	0
3-NITROANILINE			0	7	0
4,6-DINITRO-2-METHYLPHENOL			0	7	0
4-CHLORO-3-METHYLPHENOL			0	7	0
4-CHLOROANILINE			0	7	0
4-CHLOROPHENYL PHENYL ETHER			0	7	0
4-METHYLPHENOL			0	7	0
4-NITROANILINE	160 J:A	SS805693 (1)	1	7	808.5714
4-NITROPHENOL			0	7	0
ACENAPHTHENE			0	7	0
ACENAPHTHYLENE			0	7	0
ANTHRACENE			0	7	0
BENZO(a)ANTHRACENE	44 J:A	SS805893 (1)	1	7	168.4286
BENZO(a)PYRENE	39 J:A	SS805893 (1)	1	7	167.7143
BENZO(b)FLUORANTHENE	67 J:A	SS805893 (1)	1	7	171.7143
BENZO(ghi)PERYLENE			0	7	0
BENZO(k)FLUORANTHENE			0	7	0
BENZOIC ACID			0	7	0
BENZYL ALCOHOL			0	7	0
BIS(2-CHLOROETHOXY)METHANE			0	7	0

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TABLE E-18
Surface Soil Data Summary
OU8 - IHSS 144(S)
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
BIS(2-CHLOROETHYL)ETHER			0	7	0
BIS(2-CHLOROISOPROPYL)ETHER			0	7	0
BIS(2-ETHYLHEXYL)PHTHALATE	44 J:A	SS805693 (1)	1	7	168.4286
BUTYL BENZYL PHTHALATE			0	7	0
CHRYSENE	54 J:A	SS805893 (1)	1	7	169.8571
DI-n-BUTYL PHTHALATE			0	7	0
DI-n-OCTYL PHTHALATE	38 J:A	SS805693 (1)	1	7	167.5714
DIBENZO(a,h)ANTHRACENE			0	7	0
DIBENZOFURAN			0	7	0
DIETHYL PHTHALATE			0	7	0
DIMETHYL PHTHALATE			0	7	0
FLUORANTHENE	100 J:A	SS805893 (1)	3	7	138.8571
FLUORENE			0	7	0
HEXACHLOROBENZENE			0	7	0
HEXACHLOROBUTADIENE			0	7	0
HEXACHLOROCYCLOPENTADIENE			0	7	0
HEXACHLOROETHANE			0	7	0
INDENO(1,2,3-cd)PYRENE			0	7	0
ISOPHORONE			0	7	0
N-NITROSO-DI-n-PROPYLAMINE			0	7	0
N-NITROSODIPHENYLAMINE			0	7	0
NAPHTHALENE			0	7	0
NITROBENZENE			0	7	0
PENTACHLOROPHENOL			0	7	0
PHENANTHRENE	87 J:A	SS805793 (1)	3	7	135.1429
PHENOL			0	7	0
PYRENE	91 J:A	SS805893 (1)	3	7	136.1429
p-BROMODIPHENYL ETHER			0	7	0
Test Group:METADD Units:mg/kg					
CESIUM			0	7	0
LITHIUM	4.7 B:V	SS805893 (1)	7	7	2.5571
MOLYBDENUM			0	7	0
STRONTIUM	23.4 B:V	SS805893 (1)	7	7	15.5429
TIN			0	7	0
Test Group:SMETCLP Units:mg/kg					
ALUMINUM	5060 :V	SS805893 (1)	7	7	2705.714
ANTIMONY			0	7	0
ARSENIC	5.5 :V	SS805993 (1)	7	7	4.7286

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TABLE E-18
Surface Soil Data Summary
OU8 - IHSS 144(S)
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
BARIUM	66 :V	SS805893 (1)	7	7	45.6571
BERYLLIUM			0	7	0
CADMIUM	.82 B:V	SS805593 (1)	3	7	0.31
CALCIUM	5130 I:J	SS805893 (1)	7	7	2515.714
CHROMIUM	7.8 :V	SS805893 (1)	7	7	5.6857
COBALT	5.9 B:V	SS805693 (1)	7	7	3.9714
COPPER	16.8 :V	SS805893 (1)	7	7	14.7857
IRON	7810 :V	SS805893 (1)	7	7	4471.429
LEAD	10.7 :V	SS805893 (1)	7	7	6.6429
MAGNESIUM	1290 :V	SS805893 (1)	7	7	772.1429
MANGANESE	138 :V	SS805893 (1)	7	7	72.2857
MERCURY			0	7	0
NICKEL	7 B:V	SS805893 (1)	7	7	4.1429
POTASSIUM	1040 B:V	SS805893 (1)	7	7	674.8571
SELENIUM			0	7	0
SILVER	.56 B:V	SS805893 (1)	1	7	0.2971
SODIUM	90 B:V	SS805893 (1)	2	7	37.9571
THALLIUM			0	7	0
VANADIUM	16.1 :V	SS805893 (1)	7	7	11.6714
ZINC	179 :V	SS805593 (1)	7	7	49.8143
Test Group:TRADS Units:pCi/g					
AMERICIUM-241	.026(.017) :V	SS805693 (1)	8	8	0.0151
GROSS ALPHA	16(3.1) :A	SS805693 (1)	8	8	10.2625
GROSS BETA	32(3.7) :A	SS805493 (2)	8	8	27.625
PLUTONIUM-239/240	.13(.021) :V	SS805893 (1)	8	8	0.0554
URANIUM-233,-234	.69(.2) :V	SS805593 (1)	8	8	0.6087
URANIUM-235	.12(.073) J:V	SS805893 (1)	8	8	0.0466
URANIUM-238	.68(.2) :V	SS805593 (1)	8	8	0.5838

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TABLE E-19
Surface Soil Results
OU8 - IHSS 150.1
Rocky Flats Environmental Technology Site

Sample Location:	SS806093	SS806193	SS806293	SS806393	SS806493	SS806593	SS806693	SS806793	SS806793	SS806893	SS806993
Sample Identification Number:	SSG0054JE	SSG0055JE	SSG0056JE	SSG0057JE	SSG0058JE	SSG0059JE	SSG0060JE	SSG0061JE	SSG0134JE	SSG0062JE	SSG0063JE
Date Sampled:	16-Nov-94	16-Nov-94	16-Nov-94	16-Nov-94	16-Nov-94	16-Nov-94	16-Nov-94	15-Nov-94	15-Nov-94	16-Nov-94	16-Nov-94
Test Group:BNACLP Units:µg/kg											
1,2,4-TRICHLOROBENZENE	< 370 :V	< 2900 :V	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
1,2-DICHLOROBENZENE	< 370 :V	< 2900 :V	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
1,3-DICHLOROBENZENE	< 370 :V	< 2900 :V	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
1,4-DICHLOROBENZENE	< 370 :V	< 2900 :V	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
2,4,5-TRICHLOROPHENOL	< 1800 :V	< 14000 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1900 :V	< 1800 :V
2,4,6-TRICHLOROPHENOL	< 370 :V	< 2900 :V	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
2,4-DICHLOROPHENOL	< 370 :V	< 2900 :V	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
2,4-DIMETHYLPHENOL	< 370 :V	< 2900 :V	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
2,4-DINITROPHENOL	< 1800 :V	< 14000 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1900 :V	< 1800 :V
2,4-DINITROTOLUENE	< 370 :V	< 2900 :V	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
2,6-DINITROTOLUENE	< 370 :V	< 2900 :V	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
2-CHLORONAPHTHALENE	< 370 :V	< 2900 :V	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
2-CHLOROPHENOL	< 370 :V	< 2900 :V	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
2-METHYLNAPHTHALENE	< 370 :V	< 2900 :V	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
2-METHYLPHENOL	< 370 :V	< 2900 :V	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
2-NITROANILINE	< 1800 :V	< 14000 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1900 :V	< 1800 :V
2-NITROPHENOL	< 370 :V	< 2900 :V	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
3,3'-DICHLOROBENZIDINE	< 740 :V	< 5800 :V	< 710 :V	< 710 :V	< 710 :V	< 700 :V	< 700 :V	< 710 :V	< 720 :V	< 780 :V	< 740 :V
3-NITROANILINE	< 1800 :V	< 14000 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1900 :V	< 1800 :V
4,6-DINITRO-2-METHYLPHENOL	< 1800 :V	< 14000 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1900 :V	< 1800 :V
4-CHLORO-3-METHYLPHENOL	< 370 :V	< 2900 :V	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
4-CHLOROANILINE	< 370 :V	< 2900 :V	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
4-CHLOROPHENYL PHENYL ETHER	< 370 :V	< 2900 :V	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
4-METHYLPHENOL	< 370 :V	< 2900 :V	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
4-NITROANILINE	< 1800 :V	< 14000 :V	790 J:A	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	120 J:A	97 J:A	< 1900 :V	< 1800 :V
4-NITROPHENOL	< 1800 :V	< 14000 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1900 :V	< 1800 :V
ACENAPHTHENE	< 370 :V	310 DJ:A	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
ACENAPHTHYLENE	< 370 :V	< 2900 :V	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
ANTHRACENE	< 370 :V	1100 DJ:A	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
BENZO(a)ANTHRACENE	110 J:A	3800 D:V	61 J:A	< 350 :V	< 350 :V	< 350 :V	37 J:A	51 J:A	< 360 :V	< 390 :V	99 J:A
BENZO(a)PYRENE	< 370 :J	2600 BJ:A	330 BJ:A	< 350 :V	< 350 :V	< 350 :V	< 350 :V	140 J:A	< 360 :V	< 390 :V	< 370 :J
BENZO(b)FLUORANTHENE	250 J:A	6000 D:V	170 J:A	< 350 :V	< 350 :V	< 350 :V	39 J:A	110 J:A	53 J:A	< 390 :V	150 J:A
BENZO(ghi)PERYLENE	77 J:A	< 2900 :V	71 J:A	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
BENZO(k)FLUORANTHENE	90 J:A	1800 DJ:A	47 J:A	< 350 :V	< 350 :V	< 350 :V	< 350 :V	38 J:A	< 360 :V	< 390 :V	53 J:A
BENZOIC ACID	< 1800 :V	< 14000 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1900 :V	< 1800 :V
BENZYL ALCOHOL	< 370 :V	< 2900 :R	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
BIS(2-CHLOROETHOXY)METHANE	< 370 :V	< 2900 :V	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
BIS(2-CHLOROETHYL)ETHER	< 370 :V	< 2900 :V	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
BIS(2-CHLOROISOPROPYL)ETHER	< 370 :V	< 2900 :V	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
BIS(2-ETHYLHEXYL)PHTHALATE	93 J:A	430 DJ:A	130 J:A	44 J:A	42 J:A	< 350 :V	< 350 :V	< 350 :V	46 J:A	57 J:A	38 J:A
BUTYL BENZYL PHTHALATE	< 980 :J	< 2900 :J	< 1400 :J	< 1500 :J	< 1500 :J	< 1500 :J	< 1300 :J	< 350 :J	< 360 :J	< 1800 :J	< 1700 :J
CHRYSENE	140 J:A	4600 D:V	97 J:A	< 350 :V	< 350 :V	< 350 :V	36 J:A	68 J:A	37 J:A	< 390 :V	110 J:A
DI-n-BUTYL PHTHALATE	< 370 :V	< 2900 :V	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
DI-n-OCTYL PHTHALATE	< 370 :J	< 2900 :V	< 360 :J	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
DIBENZO(a,h)ANTHRACENE	< 370 :V	360 DJ:A	< 360 :J	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
DIBENZOFURAN	< 370 :V	< 2900 :V	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
DIETHYL PHTHALATE	< 370 :V	< 2900 :V	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
DIMETHYL PHTHALATE	< 370 :V	< 2900 :V	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
FLUORANTHENE	230 J:A	7900 D:V	120 J:A	< 350 :V	< 350 :V	< 350 :V	67 J:A	130 J:A	60 J:A	< 390 :V	95 J:A
FLUORENE	< 370 :V	< 2900 :V	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
HEXACHLOROBENZENE	< 370 :V	< 2900 :V	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V

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TABLE E-19
Surface Soil Results
OU8 - IHSS 150.1
Rocky Flats Environmental Technology Site

Sample Location:	SS806093	SS806193	SS806293	SS806393	SS806493	SS806593	SS806693	SS806793	SS806793	SS806893	SS806993
Sample Identification Number:	SSG0054JE	SSG0055JE	SSG0056JE	SSG0057JE	SSG0058JE	SSG0059JE	SSG0060JE	SSG0061JE	SSG0134JE	SSG0062JE	SSG0063JE
Date Sampled:	16-Nov-94	16-Nov-94	16-Nov-94	16-Nov-94	16-Nov-94	16-Nov-94	16-Nov-94	15-Nov-94	15-Nov-94	16-Nov-94	16-Nov-94
HEXACHLOROBUTADIENE	< 370 :V	< 2900 :V	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
HEXACHLOROCYCLOPENTADIENE	< 370 :V	< 2900 :V	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
HEXACHLOROETHANE	< 370 :V	< 2900 :V	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
INDENO(1,2,3-cd)PYRENE	75 J:A	1000 DJ:A	< 360 :J	< 350 :V	< 350 :V	< 350 :V	< 350 :V	48 J:A	< 360 :V	< 390 :V	49 J:A
ISOPHORONE	< 370 :V	< 2900 :V	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
N-NITROSO-DI-n-PROPYLAMINE	< 370 :V	< 2900 :V	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
N-NITROSODIPHENYLAMINE	< 370 :V	< 2900 :V	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
NAPHTHALENE	< 370 :V	< 2900 :V	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
NITROBENZENE	< 370 :V	< 2900 :V	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
PENTACHLOROPHENOL	< 1800 :V	< 14000 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1900 :V	< 1800 :V
PHENANTHRENE	81 J:A	5500 D:V	68 J:A	< 350 :V	< 350 :V	< 350 :V	39 J:A	78 J:A	< 360 :V	< 390 :V	< 370 :V
PHENOL	< 370 :V	< 2900 :V	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
PYRENE	< 370 :J	6800 BD:V	420 B:V	< 350 :V	< 350 :V	< 350 :V	< 350 :J	220 J:A	49 J:A	< 390 :V	< 370 :J
p-BROMODIPHENYL ETHER	< 370 :V	< 2900 :V	< 360 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V	< 360 :V	< 390 :V	< 370 :V
Test Group:METADD Units:mg/kg											
CESIUM	< 2.9 :V	< 4.1 :J	< 4 :J	< 4.4 :J	< 2.6 :V	< 4.6 :J	< 2.6 :V	< 2.7 :V	< 2.7 :V	< 2.8 :V	< 8.6 :J
LITHIUM	7.2 B:V	2.6 B:V	6.1 B:V	4.6 B:V	6.8 B:V	5.4 B:V	5.7 B:V	5.9 B:V	5.6 B:V	3.4 B:V	13.4 B:V
MOLYBDENUM	< 1 :J	< 1.4 :J	< 1.8 :J	< .85 :J	< 1.3 :J	< 1.3 :J	< 1.4 :J	< 1.8 :J	< 1.2 :J	< .52 :V	< 2 :J
STRONTIUM	24.5 B:V	29 B:V	31.4 B:V	23.8 B:V	9.3 B:V	30.8 B:V	31.5 B:V	7.7 B:V	8.2 B:V	5.7 B:V	72.3 :J
TIN	< 2.2 :V	< 2 :V	< 2 :V	< 2.2 :V	< 2 :V	< 2.3 :V	< 2 :V	< 2 :V	< 2 :V	< 2.1 :V	2.6 B:J
Test Group:SMETCLP Units:mg/kg											
ALUMINUM	6890 :V	3450 :V	5790 :V	5260 :V	5360 :V	7070 :V	7120 :V	4640 :V	4800 :V	2100 :V	12800 :V
ANTIMONY	3.2 B:J	< 2.3 :R	< 2.2 :R	< 2.5 :R	< 2.3 :R	< 2.6 :R	< 2.3 :R	< 2.3 :R	< 2.3 :R	< 2.4 :R	< 2.4 :R
ARSENIC	2.9 :V	1.7 B:V	1.6 B:V	2.9 :V	1.6 B:V	3.5 :V	3.5 :V	1.9 B:V	1.2 B:V	.56 B:V	1.7 B:V
BARIUM	94.8 :V	59.5 :V	67.7 :V	64.5 :V	53.2 :V	80.2 :V	92.4 :V	47.2 :V	51.8 :V	20 B:V	35.2 B:V
BERYLLIUM	.29 B:V	.15 B:V	.26 B:V	.35 B:V	.2 B:V	.79 B:V	.41 B:V	.21 B:V	.19 B:V	.12 B:V	.33 B:V
CADMIUM	< .31 :V	.53 B:V	< .28 :V	< .31 :V	< .29 :V	< .32 :V	< .28 :V	< .29 :V	< .29 :V	< .3 :V	< .3 :V
CALCIUM	13800 :V	10000 :V	12800 :V	2910 :V	1370 :V	4630 :V	5720 :V	1170 :V	1340 :V	833 B:V	11900 :V
CHROMIUM	9.8 :V	7.7 :V	7.5 :V	8.2 :V	8.6 :V	8.1 :V	9.5 :V	8.5 :V	7.9 :V	3.6 :V	8.9 :J
COBALT	4.9 B:V	2.8 B:V	5.4 B:V	7.3 B:V	10.9 :V	10.4 B:V	5.3 B:V	5 B:V	4.5 B:V	2.6 B:V	19.7 :V
COPPER	13.1 :J	13.8 :J	24.7 :J	14.5 :J	27 :J	29.1 :J	14.6 :J	17.6 :J	13.4 :J	< 5.7 :J	79.9 :J
IRON	10400 :V	8330 :V	9480 :V	8250 :V	8890 :V	9920 :V	10900 :V	8520 :V	8470 :V	4800 :V	29800 :V
LEAD	11.4 :V	17.5 :V	10.4 :V	14.9 :V	7.6 :V	15.3 :V	13.9 :V	10.9 :V	8.7 :V	3.3 :V	11 :J
MAGNESIUM	2320 :V	1120 :V	2300 :V	1770 :V	2080 :V	2250 :V	1880 :V	1740 :V	1810 :V	981 B:V	12800 :V
MANGANESE	191 :V	133 :V	172 :V	125 :V	156 :V	249 :V	474 :V	172 :V	168 :V	59.3 :V	787 :V
MERCURY	< .06 :V	< .053 :V	< .052 :V	< .049 :V	< .052 :V	< .06 :V	< .051 :V	< .049 :V	< .054 :V	< .058 :V	< .054 :V
NICKEL	7.7 B:V	6.5 B:V	6.3 B:V	7.6 B:V	5.4 B:V	8.3 B:V	7.3 B:V	5.7 B:V	6.1 B:V	3 B:V	11.5 :V
POTASSIUM	1950 :V	952 B:V	1680 :V	1160 :V	1730 :V	1040 B:V	1270 :V	1490 :V	1580 :V	575 B:V	1550 :V
SELENIUM	< .56 :V	< .51 :V	< .5 :V	< .56 :V	< .51 :V	< .57 :V	< .5 :V	< .52 :V	< .51 :V	< .54 :V	< .54 :J
SILVER	< .54 :J	< .55 :J	< .48 :J	< .53 :J	< .7 :J	< 1.3 :J	< .74 :J	< .57 :J	< .49 :J	< .52 :J	5.6 :J
SODIUM	180 B:V	110 B:V	481 B:V	231 B:V	79.6 B:V	233 B:V	192 B:V	93.5 B:V	101 B:V	147 B:V	1900 :V
THALLIUM	< .38 :V	< .35 :V	< .34 :V	< .38 :V	< .35 :V	< .39 :V	< .34 :V	< .35 :V	< .35 :V	< .36 :V	< .37 :J
VANADIUM	19 :V	10.5 :V	15.3 :V	14.9 :V	14.4 :V	15.7 :V	20.2 :V	13.6 :V	13.3 :V	6.8 B:V	49.5 :V
ZINC	34.6 :V	84.2 :V	37.9 :V	37 :V	24.1 :V	36 :V	32.9 :V	26.1 :V	27.5 :V	11.8 :V	48.5 :J
Test Group:TRADS Units:pCi/g											
AMERICIUM-241	.051(.015) :Y	.16(.021) :Y	.068(.019) :Y	.015(.009) J:Y	.052(.012) :Y	.26(.033) :Y	.023(.014) :Y	.027(.016) :Y	.031(.013) :Y	(.01) U:Y	.006(.01) U:Y
GROSS ALPHA	19(4) :A	12(2.8) :A	37(6.4) :A	17(3.5) :A	19(3.7) :A	19(3.7) :A	33(4.9) :A	17(3.6) :A	18(3.5) :A	14(3.1) :A	16(3.8) :A
GROSS BETA	41(3.8) :A	35(3.5) :A	39(4.1) :A	35(3.7) :A	41(3.8) :A	26(3.4) :A	43(3.9) :A	36(3.6) :A	39(3.8) :A	38(3.6) :A	34(3.8) :A
PLUTONIUM-239/240	.27(.023) :Y	.18(.021) :Y	.26(.024) :Y	.028(.009) J:Y	.004(.004) U:Y	.085(.014) :Y	.036(.008) :Y	.055(.018) :Y	.081(.019) :Y	.002(.003) U:Y	.004(.004) U:Y
URANIUM-233,-234	.92(.15) :Y	.59(.11) :Y	.92(.15) :Y	.79(.18) :Y	.83(.18) :Y	.83(.19) :Y	.74(.17) :Y	.68(.2) :Y	.65(.18) :Y	1(.21) :Y	1.1(.25) :Y
URANIUM-235	.054(.033) J:Y	.064(.047) J:Y	.065(.036) J:Y	.062(.062) U:Y	.046(.037) U:Y	.043(.044) U:Y	.054(.044) U:Y	.044(.058) U:Y	.059(.06) U:Y	.057(.039) U:Y	.1(.076) J:Y
URANIUM-238	.91(.14) :Y	.58(.11) :Y	.94(.15) :Y	.74(.18) :Y	.84(.18) :Y	.88(.19) :Y	.72(.17) :Y	.8(.21) :Y	.59(.18) :Y	.83(.17) :Y	1.2(.25) :Y

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	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
Test Group:BNACLP Units:µg/kg							
1,2,4-TRICHLOROBENZENE	330	350	SS806393 (5)	2900	SS806193 (1)		
1,2-DICHLOROBENZENE	330	350	SS806393 (5)	2900	SS806193 (1)		
1,3-DICHLOROBENZENE	330	350	SS806393 (5)	2900	SS806193 (1)		
1,4-DICHLOROBENZENE	330	350	SS806393 (5)	2900	SS806193 (1)		
2,4,5-TRICHLOROPHENOL	1600	1700	SS806293 (6)	14000	SS806193 (1)		
2,4,6-TRICHLOROPHENOL	330	350	SS806393 (5)	2900	SS806193 (1)		
2,4-DICHLOROPHENOL	330	350	SS806393 (5)	2900	SS806193 (1)		
2,4-DIMETHYLPHENOL	330	350	SS806393 (5)	2900	SS806193 (1)		
2,4-DINITROPHENOL	1600	1700	SS806293 (6)	14000	SS806193 (1)		
2,4-DINITROTOLUENE	330	350	SS806393 (5)	2900	SS806193 (1)		
2,6-DINITROTOLUENE	330	350	SS806393 (5)	2900	SS806193 (1)		
2-CHLORONAPHTHALENE	330	350	SS806393 (5)	2900	SS806193 (1)		
2-CHLOROPHENOL	330	350	SS806393 (5)	2900	SS806193 (1)		
2-METHYLNAPHTHALENE	330	350	SS806393 (5)	2900	SS806193 (1)		
2-METHYLPHENOL	330	350	SS806393 (5)	2900	SS806193 (1)		
2-NITROANILINE	1600	1700	SS806293 (6)	14000	SS806193 (1)		
2-NITROPHENOL	330	350	SS806393 (5)	2900	SS806193 (1)		
3,3'-DICHLOROBENZIDINE	660	700	SS806593 (2)	5800	SS806193 (1)		
3-NITROANILINE	1600	1700	SS806293 (6)	14000	SS806193 (1)		
4,6-DINITRO-2-METHYLPHENOL	1600	1700	SS806293 (6)	14000	SS806193 (1)		
4-CHLORO-3-METHYLPHENOL	330	350	SS806393 (5)	2900	SS806193 (1)		
4-CHLOROANILINE	330	350	SS806393 (5)	2900	SS806193 (1)		
4-CHLOROPHENYL PHENYL ETHER	330	350	SS806393 (5)	2900	SS806193 (1)		
4-METHYLPHENOL	330	350	SS806393 (5)	2900	SS806193 (1)		
4-NITROANILINE	1600	1700	SS806393 (4)	14000	SS806193 (1)	120 J:A	SS806793 (1)
4-NITROPHENOL	1600	1700	SS806293 (6)	14000	SS806193 (1)		
ACENAPHTHENE	330	350	SS806393 (5)	390	SS806893 (1)	310 DJ:A	SS806193 (1)
ACENAPHTHYLENE	330	350	SS806393 (5)	2900	SS806193 (1)		
ANTHRACENE	330	350	SS806393 (5)	390	SS806893 (1)	1100 DJ:A	SS806193 (1)
BENZO(a)ANTHRACENE	330	350	SS806393 (3)	390	SS806893 (1)	37 J:A	SS806693 (1)
BENZO(a)PYRENE	330	350	SS806393 (4)	390	SS806893 (1)	140 J:A	SS806793 (1)
BENZO(b)FLUORANTHENE	330	350	SS806393 (3)	390	SS806893 (1)	39 J:A	SS806693 (1)
BENZO(ghi)PERYLENE	330	350	SS806393 (5)	2900	SS806193 (1)	71 J:A	SS806293 (1)
BENZO(k)FLUORANTHENE	330	350	SS806393 (4)	390	SS806893 (1)	38 J:A	SS806793 (1)
BENZOIC ACID	1600	1700	SS806293 (6)	14000	SS806193 (1)		
BENZYL ALCOHOL	330	350	SS806393 (5)	390	SS806893 (1)		
BIS(2-CHLOROETHOXY)METHANE	330	350	SS806393 (5)	2900	SS806193 (1)		

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	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
BIS(2-CHLOROETHYL)ETHER	330	350	SS806393 (5)	2900	SS806193 (1)		
BIS(2-CHLOROISOPROPYL)ETHER	330	350	SS806393 (5)	2900	SS806193 (1)		
BIS(2-ETHYLHEXYL)PHTHALATE	330	350	SS806593 (2)	350	SS806593 (2)	38 J:A	SS806993 (1)
BUTYL BENZYL PHTHALATE	330	350	SS806793 (1)	2900	SS806193 (1)		
CHRYSENE	330	350	SS806393 (3)	390	SS806893 (1)	36 J:A	SS806693 (1)
DI-n-BUTYL PHTHALATE	330	350	SS806393 (5)	2900	SS806193 (1)		
DI-n-OCTYL PHTHALATE	330	350	SS806393 (5)	2900	SS806193 (1)		
DIBENZO(a,h)ANTHRACENE	330	350	SS806393 (5)	390	SS806893 (1)	360 DJ:A	SS806193 (1)
DIBENZOFURAN	330	350	SS806393 (5)	2900	SS806193 (1)		
DIETHYL PHTHALATE	330	350	SS806393 (5)	2900	SS806193 (1)		
DIMETHYL PHTHALATE	330	350	SS806393 (5)	2900	SS806193 (1)		
FLUORANTHENE	330	350	SS806393 (3)	390	SS806893 (1)	67 J:A	SS806693 (1)
FLUORENE	330	350	SS806393 (5)	2900	SS806193 (1)		
HEXACHLOROBENZENE	330	350	SS806393 (5)	2900	SS806193 (1)		
HEXACHLOROBUTADIENE	330	350	SS806393 (5)	2900	SS806193 (1)		
HEXACHLOROCYCLOPENTADIENE	330	350	SS806393 (5)	2900	SS806193 (1)		
HEXACHLOROETHANE	330	350	SS806393 (5)	2900	SS806193 (1)		
INDENO(1,2,3-cd)PYRENE	330	350	SS806393 (4)	390	SS806893 (1)	48 J:A	SS806793 (1)
ISOPHORONE	330	350	SS806393 (5)	2900	SS806193 (1)		
N-NITROSO-DI-n-PROPYLAMINE	330	350	SS806393 (5)	2900	SS806193 (1)		
N-NITROSODIPHENYLAMINE	330	350	SS806393 (5)	2900	SS806193 (1)		
NAPHTHALENE	330	350	SS806393 (5)	2900	SS806193 (1)		
NITROBENZENE	330	350	SS806393 (5)	2900	SS806193 (1)		
PENTACHLOROPHENOL	1600	1700	SS806293 (6)	14000	SS806193 (1)		
PHENANTHRENE	330	350	SS806393 (3)	390	SS806893 (1)	39 J:A	SS806693 (1)
PHENOL	330	350	SS806393 (5)	2900	SS806193 (1)		
PYRENE	330	350	SS806393 (4)	390	SS806893 (1)	220 J:A	SS806793 (1)
p-BROMODIPHENYL ETHER	330	350	SS806393 (5)	2900	SS806193 (1)		
Test Group:METADD Units:mg/kg							
CESIUM	1000	2.6	SS806493 (2)	8.6	SS806993 (1)		
LITHIUM	100	**	**	**	**	2.6 B:V	SS806193 (1)
MOLYBDENUM	200	0.52	SS806893 (1)	2	SS806993 (1)		
STRONTIUM	200	**	**	**	**	5.7 B:V	SS806893 (1)
TIN	200	2	SS806193 (5)	2.3	SS806593 (1)	2.6 B:J	SS806993 (1)
Test Group:SMETCLP Units:mg/kg							
ALUMINUM	200	**	**	**	**	2100 :V	SS806893 (1)
ANTIMONY	60	**	**	**	**	3.2 B:J	SS806093 (1)
ARSENIC	10	**	**	**	**	.56 B:V	SS806893 (1)

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	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
BARIUM	200	**	**	**	**	20 B:V	SS806893 (1)
BERYLLIUM	5	**	**	**	**	.12 B:V	SS806893 (1)
CADMIUM	5	0.28	SS806293 (2)	0.32	SS806593 (1)	.53 B:V	SS806193 (1)
CALCIUM	5000	**	**	**	**	833 B:V	SS806893 (1)
CHROMIUM	10	**	**	**	**	3.6 :V	SS806893 (1)
COBALT	50	**	**	**	**	2.6 B:V	SS806893 (1)
COPPER	25	5.7	SS806893 (1)	5.7	SS806893 (1)	13.1 :J	SS806093 (1)
IRON	100	**	**	**	**	4800 :V	SS806893 (1)
LEAD	3	**	**	**	**	3.3 :V	SS806893 (1)
MAGNESIUM	5000	**	**	**	**	981 B:V	SS806893 (1)
MANGANESE	15	**	**	**	**	59.3 :V	SS806893 (1)
MERCURY	0.2	0.05	SS806393 (2)	0.06	SS806093 (2)		
NICKEL	40	**	**	**	**	3 B:V	SS806893 (1)
POTASSIUM	5000	**	**	**	**	575 B:V	SS806893 (1)
SELENIUM	5	0.5	SS806293 (2)	0.57	SS806593 (1)		
SILVER	10	0.48	SS806293 (1)	1.3	SS806593 (1)	5.6 :J	SS806993 (1)
SODIUM	5000	**	**	**	**	79.6 B:V	SS806493 (1)
THALLIUM	10	0.34	SS806293 (2)	0.39	SS806593 (1)		
VANADIUM	50	**	**	**	**	6.8 B:V	SS806893 (1)
ZINC	20	**	**	**	**	11.8 :V	SS806893 (1)
Test Group:TRADS Units:pCi/g							
AMERICIUM-241	0.02	**	**	**	**	(.01) U:Y:Y	SS806893 (1)
GROSS ALPHA	3	**	**	**	**	12(2.8) :A	SS806193 (1)
GROSS BETA	5	**	**	**	**	26(3.4) :A	SS806593 (1)
PLUTONIUM-239/240	0.007	**	**	**	**	.002(.003) U:Y	SS806893 (1)
URANIUM-233,-234	0.1	**	**	**	**	.59(.11) :Y	SS806193 (1)
URANIUM-235	0.1	**	**	**	**	.043(.044) U:Y	SS806593 (1)
URANIUM-238	0.08	**	**	**	**	.58(.11) :Y	SS806193 (1)

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TABLE E-20
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	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:BNACLP Units:µg/kg					
1,2,4-TRICHLOROBENZENE			0	10	0
1,2-DICHLOROBENZENE			0	10	0
1,3-DICHLOROBENZENE			0	10	0
1,4-DICHLOROBENZENE			0	10	0
2,4,5-TRICHLOROPHENOL			0	10	0
2,4,6-TRICHLOROPHENOL			0	10	0
2,4-DICHLOROPHENOL			0	10	0
2,4-DIMETHYLPHENOL			0	10	0
2,4-DINITROPHENOL			0	10	0
2,4-DINITROTOLUENE			0	10	0
2,6-DINITROTOLUENE			0	10	0
2-CHLORONAPHTHALENE			0	10	0
2-CHLOROPHENOL			0	10	0
2-METHYLNAPHTHALENE			0	10	0
2-METHYLPHENOL			0	10	0
2-NITROANILINE			0	10	0
2-NITROPHENOL			0	10	0
3,3'-DICHLOROBENZIDINE			0	10	0
3-NITROANILINE			0	10	0
4,6-DINITRO-2-METHYLPHENOL			0	10	0
4-CHLORO-3-METHYLPHENOL			0	10	0
4-CHLOROANILINE			0	10	0
4-CHLOROPHENYL PHENYL ETHER			0	10	0
4-METHYLPHENOL			0	10	0
4-NITROANILINE	790 J:A	SS806293 (1)	2	10	1406
4-NITROPHENOL			0	10	0
ACENAPHTHENE	310 DJ:A	SS806193 (1)	1	10	193
ACENAPHTHYLENE			0	10	0
ANTHRACENE	1100 DJ:A	SS806193 (1)	1	10	272
BENZO(a)ANTHRACENE	3800 D:V	SS806193 (1)	6	10	487.8
BENZO(a)PYRENE	2600 BJ:A	SS806193 (1)	3	10	433.5
BENZO(b)FLUORANTHENE	6000 D:V	SS806193 (1)	6	10	743.9
BENZO(ghi)PERYLENE	77 J:A	SS806093 (1)	2	10	285.3
BENZO(k)FLUORANTHENE	1800 DJ:A	SS806193 (1)	5	10	292.3
BENZOIC ACID			0	10	0
BENZYL ALCOHOL			0	9	0
BIS(2-CHLOROETHOXY)METHANE			0	10	0

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TABLE E-20
Surface Soil Data Summary
OU8 - IHSS 150.1
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
BIS(2-CHLOROETHYL)ETHER			0	10	0
BIS(2-CHLOROISOPROPYL)ETHER			0	10	0
BIS(2-ETHYLHEXYL)PHTHALATE	430 DJ:A	SS806193 (1)	8	10	123
BUTYL BENZYL PHTHALATE			0	10	0
CHRYSENE	4600 D:V	SS806193 (1)	6	10	577.1
DI-n-BUTYL PHTHALATE			0	10	0
DI-n-OCTYL PHTHALATE			0	10	0
DIBENZO(a,h)ANTHRACENE	360 DJ:A	SS806193 (1)	1	10	198
DIBENZOFURAN			0	10	0
DIETHYL PHTHALATE			0	10	0
DIMETHYL PHTHALATE			0	10	0
FLUORANTHENE	7900 D:V	SS806193 (1)	6	10	926.2
FLUORENE			0	10	0
HEXACHLOROBENZENE			0	10	0
HEXACHLOROBUTADIENE			0	10	0
HEXACHLOROCYCLOPENTADIENE			0	10	0
HEXACHLOROETHANE			0	10	0
INDENO(1,2,3-cd)PYRENE	1000 DJ:A	SS806193 (1)	4	10	224.7
ISOPHORONE			0	10	0
N-NITROSO-DI-n-PROPYLAMINE			0	10	0
N-NITROSODIPHENYLAMINE			0	10	0
NAPHTHALENE			0	10	0
NITROBENZENE			0	10	0
PENTACHLOROPHENOL			0	10	0
PHENANTHRENE	5500 D:V	SS806193 (1)	5	10	667.1
PHENOL			0	10	0
PYRENE	6800 BD:V	SS806193 (1)	3	10	870.5
p-BROMODIPHENYL ETHER			0	10	0
Test Group:METADD Units:mg/kg					
CESIUM			0	10	0
LITHIUM	13.4 B:V	SS806993 (1)	10	10	6.11
MOLYBDENUM			0	10	0
STRONTIUM	72.3 :J	SS806993 (1)	10	10	26.65
TIN	2.6 B:J	SS806993 (1)	1	10	1.2
Test Group:SMETCLP Units:mg/kg					
ALUMINUM	12800 :V	SS806993 (1)	10	10	6064
ANTIMONY	3.2 B:J	SS806093 (1)	1	1	3.2
ARSENIC	3.5 :V	SS806593 (2)	10	10	2.186

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TABLE E-20
Surface Soil Data Summary
OU8 - IHSS 150.1
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
BARIUM	94.8 :V	SS806093 (1)	10	10	61.93
BERYLLIUM	.79 B:V	SS806593 (1)	10	10	0.311
CADMIUM	.53 B:V	SS806193 (1)	1	10	0.187
CALCIUM	13800 :V	SS806093 (1)	10	10	6530.3
CHROMIUM	9.8 :V	SS806093 (1)	10	10	8.04
COBALT	19.7 :V	SS806993 (1)	10	10	7.43
COPPER	79.9 :J	SS806993 (1)	9	10	23.715
IRON	29800 :V	SS806993 (1)	10	10	10929
LEAD	17.5 :V	SS806193 (1)	10	10	11.62
MAGNESIUM	12800 :V	SS806993 (1)	10	10	2931.1
MANGANESE	787 :V	SS806993 (1)	10	10	251.83
MERCURY			0	10	0
NICKEL	11.5 :V	SS806993 (1)	10	10	6.97
POTASSIUM	1950 :V	SS806093 (1)	10	10	1348.7
SELENIUM			0	10	0
SILVER	5.6 :J	SS806993 (1)	1	10	0.8525
SODIUM	1900 :V	SS806993 (1)	10	10	365.46
THALLIUM			0	10	0
VANADIUM	49.5 :V	SS806993 (1)	10	10	17.99
ZINC	84.2 :V	SS806193 (1)	10	10	37.45
Test Group:TRADS Units:pCi/g					
AMERICIUM-241	.26(.033) :Y	SS806593 (1)	11	11	0.063
GROSS ALPHA	37(6.4) :A	SS806293 (1)	11	11	20.0909
GROSS BETA	43(3.9) :A	SS806693 (1)	11	11	37
PLUTONIUM-239/240	.27(.023) :Y	SS806093 (1)	11	11	0.0914
URANIUM-233,-234	1.1(.25) :Y	SS806993 (1)	11	11	0.8227
URANIUM-235	.1(.076) J:Y	SS806993 (1)	11	11	0.0589
URANIUM-238	1.2(.25) :Y	SS806993 (1)	11	11	0.8209

TABLE E-21
Surface Soil Results
OU8 - IHSS 150.3
Rocky Flats Environmental Technology Site

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Sample Location: Sample Identification Number: Date Sampled:	SS807493 SSG0068JE 12-Dec-94	SS807593 SSG0069JE 12-Dec-94	SS807693 SSG0070JE 12-Dec-94	SS807793 SSG0071JE 12-Dec-94	SS807893 SSG0072JE 12-Dec-94	SS807893 SSG0153JE 12-Dec-94	SS807993 SSG0073JE 12-Dec-94	SS808093 SSG0074JE 12-Dec-94
Test Group:BNACLP Units:µg/kg								
1,2,4-TRICHLOROBENZENE	< 400 :V	< 400 :V	< 400 :V	< 400 :V	< 370 :V	< 370 :V	< 360 :V	< 350 :V
1,2-DICHLOROBENZENE	< 400 :V	< 400 :V	< 400 :V	< 400 :V	< 370 :V	< 370 :V	< 360 :V	< 350 :V
1,3-DICHLOROBENZENE	< 400 :V	< 400 :V	< 400 :V	< 400 :V	< 370 :V	< 370 :V	< 360 :V	< 350 :V
1,4-DICHLOROBENZENE	< 400 :V	< 400 :V	< 400 :V	< 400 :V	< 370 :V	< 370 :V	< 360 :V	< 350 :V
2,4,5-TRICHLOROPHENOL	< 2000 :V	< 1900 :V	< 1900 :V	< 1900 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1700 :V
2,4,6-TRICHLOROPHENOL	< 400 :V	< 400 :V	< 400 :V	< 400 :V	< 370 :V	< 370 :V	< 360 :V	< 350 :V
2,4-DICHLOROPHENOL	< 400 :V	< 400 :V	< 400 :V	< 400 :V	< 370 :V	< 370 :V	< 360 :V	< 350 :V
2,4-DIMETHYLPHENOL	< 400 :V	< 400 :V	< 400 :V	< 400 :V	< 370 :V	< 370 :V	< 360 :V	< 350 :V
2,4-DINITROPHENOL	< 2000 :V	< 1900 :V	< 1900 :V	< 1900 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1700 :V
2,4-DINITROTOLUENE	< 400 :V	< 400 :V	< 400 :V	< 400 :V	< 370 :V	< 370 :V	< 360 :V	< 350 :V
2,6-DINITROTOLUENE	< 400 :V	< 400 :V	< 400 :V	< 400 :V	< 370 :V	< 370 :V	< 360 :V	< 350 :V
2-CHLORONAPHTHALENE	< 400 :V	< 400 :V	< 400 :V	< 400 :V	< 370 :V	< 370 :V	< 360 :V	< 350 :V
2-CHLOROPHENOL	< 400 :V	< 400 :V	< 400 :V	< 400 :V	< 370 :V	< 370 :V	< 360 :V	< 350 :V
2-METHYLNAPHTHALENE	76 J:A	< 400 :V	< 400 :V	210 J:A	360 J:A	500 :V	75 J:A	110 J:A
2-METHYLPHENOL	< 400 :V	< 400 :V	< 400 :V	< 400 :V	< 370 :V	< 370 :V	< 360 :V	< 350 :V
2-NITROANILINE	< 2000 :V	< 1900 :V	< 1900 :V	< 1900 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1700 :V
2-NITROPHENOL	< 400 :V	< 400 :V	< 400 :V	< 400 :V	< 370 :V	< 370 :V	< 360 :V	< 350 :V
3,3'-DICHLOROBENZIDINE	< 810 :R	< 790 :R	< 800 :R	< 790 :R	< 750 :R	< 750 :R	< 720 :R	< 710 :R
3-NITROANILINE	< 2000 :V	< 1900 :V	< 1900 :V	< 1900 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1700 :V
4,6-DINITRO-2-METHYLPHENOL	< 2000 :V	< 1900 :V	< 1900 :V	< 1900 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1700 :V
4-CHLORO-3-METHYLPHENOL	< 400 :V	< 400 :V	< 400 :V	< 400 :V	< 370 :V	< 370 :V	< 360 :V	< 350 :V
4-CHLOROANILINE	< 400 :V	< 400 :V	< 400 :V	< 400 :V	< 370 :V	< 370 :V	< 360 :V	< 350 :V
4-CHLOROPHENYL PHENYL ETHER	< 400 :V	< 400 :V	< 400 :V	< 400 :V	< 370 :V	< 370 :V	< 360 :V	< 350 :V
4-METHYLPHENOL	< 400 :V	< 400 :V	< 400 :V	< 400 :V	< 370 :V	< 370 :V	< 360 :V	< 350 :V
4-NITROANILINE	< 2000 :V	< 1900 :V	< 1900 :V	< 1900 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1700 :V
4-NITROPHENOL	< 2000 :V	< 1900 :V	< 1900 :V	< 1900 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1700 :V
ACENAPHTHENE	240 J:A	170 J:A	150 J:A	830 :V	2600 :V	3000 DJ:V	480 :V	700 :V
ACENAPHTHYLENE	< 400 :V	< 400 :V	< 400 :V	< 400 :V	58 J:A	< 370 :V	< 360 :V	< 350 :V
ANTHRACENE	280 J:A	200 J:A	170 J:A	1300 :V	3000 :V	4000 D:V	740 :V	900 :V
BENZO(a)ANTHRACENE	340 J:A	300 J:A	290 J:A	3100 DJ:A	5700 D:V	9200 D:V	1400 :V	1900 :V
BENZO(a)PYRENE	340 J:A	290 J:A	270 J:A	3600 D:V	6300 D:V	9400 D:V	1400 :V	1900 :V
BENZO(b)FLUORANTHENE	380 J:A	330 J:A	310 J:A	4500 D:V	7600 D:V	12000 D:V	1600 :V	2200 :V
BENZO(ghi)PERYLENE	250 J:A	210 J:A	150 J:A	1200 :V	1900 :V	2500 :V	630 :V	980 :V
BENZO(k)FLUORANTHENE	140 J:A	100 J:A	120 J:A	1400 :V	1800 :V	2400 :V	540 :V	700 :V
BENZOIC ACID	< 2000 :V	< 1900 :V	< 1900 :V	< 1900 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1700 :V
BENZYL ALCOHOL	< 400 :V	< 400 :V	< 400 :V	< 400 :V	< 370 :V	< 370 :V	< 360 :V	< 350 :V
BIS(2-CHLOROETHOXY)METHANE	< 400 :V	< 400 :V	< 400 :V	< 400 :V	< 370 :V	< 370 :V	< 360 :V	< 350 :V
BIS(2-CHLOROETHYL)ETHER	< 400 :V	< 400 :V	< 400 :V	< 400 :V	< 370 :V	< 370 :V	< 360 :V	< 350 :V

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TABLE E-21
Surface Soil Results
OU8 - IHSS 150.3
Rocky Flats Environmental Technology Site

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Sample Location: Sample Identification Number: Date Sampled:	SS807493 SSG0068JE 12-Dec-94	SS807593 SSG0069JE 12-Dec-94	SS807693 SSG0070JE 12-Dec-94	SS807793 SSG0071JE 12-Dec-94	SS807893 SSG0072JE 12-Dec-94	SS807893 SSG0153JE 12-Dec-94	SS807993 SSG0073JE 12-Dec-94	SS808093 SSG0074JE 12-Dec-94
BIS(2-CHLOROISOPROPYL)ETHER	< 400 :V	< 400 :V	< 400 :V	< 400 :V	< 370 :V	< 370 :V	< 360 :V	< 350 :V
BIS(2-ETHYLHEXYL)PHTHALATE	< 400 :V	43 J:A	< 400 :V	85 J:A	98 J:A	< 370 :V	51 J:A	100 J:A
BUTYL BENZYL PHTHALATE	< 400 :J	< 400 :J	< 400 :J	< 400 :J	< 370 :J	< 370 :J	< 360 :J	< 350 :J
CHRYSENE	360 J:A	340 J:A	330 J:A	3700 D:V	6400 D:V	11000 D:V	1700 :V	2200 :V
DI-n-BUTYL PHTHALATE	< 400 :V	< 400 :V	< 400 :V	< 400 :V	< 370 :V	< 370 :V	< 360 :V	< 350 :V
DI-n-OCTYL PHTHALATE	< 400 :V	< 400 :V	< 400 :V	< 400 :V	< 370 :V	< 370 :V	< 360 :V	< 350 :V
DIBENZO(a,h)ANTHRACENE	68 J:A	55 J:A	51 J:A	390 J:A	< 370 :V	< 370 :V	200 J:A	320 J:A
DIBENZOFURAN	92 J:A	67 J:A	62 J:A	430 :V	930 :V	1200 :V	190 J:A	280 J:A
DIETHYL PHTHALATE	< 400 :V	< 400 :V	< 400 :V	< 400 :V	< 370 :V	< 370 :V	< 360 :V	< 350 :V
DIMETHYL PHTHALATE	< 400 :V	< 400 :V	< 400 :V	< 400 :V	< 370 :V	< 370 :V	< 360 :V	< 350 :V
FLUORANTHENE	990 :V	860 :V	870 :V	7300 D:V	12000 D:V	24000 D:V	3700 D:V	5100 D:V
FLUORENE	210 J:A	140 J:A	130 J:A	760 :V	2100 :V	2800 :V	410 :V	620 :V
HEXACHLOROBENZENE	< 400 :V	< 400 :V	< 400 :V	< 400 :V	< 370 :V	< 370 :V	< 360 :V	< 350 :V
HEXACHLOROBUTADIENE	< 400 :V	< 400 :V	< 400 :V	< 400 :V	< 370 :V	< 370 :V	< 360 :V	< 350 :V
HEXACHLOROCYCLOPENTADIENE	< 400 :V	< 400 :V	< 400 :V	< 400 :V	< 370 :V	< 370 :V	< 360 :V	< 350 :V
HEXACHLOROETHANE	< 400 :V	< 400 :V	< 400 :V	< 400 :V	< 370 :V	< 370 :V	< 360 :V	< 350 :V
INDENO(1,2,3-cd)PYRENE	270 J:A	220 J:A	180 J:A	1400 :V	2100 :V	2800 :V	760 :V	1100 :V
ISOPHORONE	< 400 :V	< 400 :V	< 400 :V	< 400 :V	< 370 :V	< 370 :V	< 360 :V	< 350 :V
N-NITROSO-DI-n-PROPYLAMINE	< 400 :V	< 400 :V	< 400 :V	< 400 :V	< 370 :V	< 370 :V	< 360 :V	< 350 :V
N-NITROSODIPHENYLAMINE	< 400 :V	< 400 :V	< 400 :V	< 400 :V	< 370 :V	< 370 :V	< 360 :V	< 350 :V
NAPHTHALENE	200 J:A	140 J:A	80 J:A	390 J:A	980 :V	1100 :V	180 J:A	310 J:A
NITROBENZENE	< 400 :V	< 400 :V	< 400 :V	< 400 :V	< 370 :V	< 370 :V	< 360 :V	< 350 :V
PENTACHLOROPHENOL	< 2000 :V	< 1900 :V	< 1900 :V	< 1900 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1700 :V
PHENANTHRENE	1100 :V	890 :V	900 :V	6900 D:V	13000 D:V	22000 D:V	3500 D:V	4900 D:V
PHENOL	< 400 :V	< 400 :V	< 400 :V	< 400 :V	< 370 :V	< 370 :V	< 360 :V	< 350 :V
PYRENE	910 :V	820 :V	790 :V	6100 D:V	11000 D:V	26000 D:V	3000 D:V	5700 D:V
p-BROMODIPHENYL ETHER	< 400 :V	< 400 :V	< 400 :V	< 400 :V	< 370 :V	< 370 :V	< 360 :V	< 350 :V
Test Group:METADD Units:mg/kg								
CESIUM	< 9.1 :J	< 11.8 :J	< 9 :J	< 11.2 :J	< 11.2 :J	< 8.3 :J	< 8.5 :J	< 6.1 :J
LITHIUM	3.9 B:V	4 B:V	4.2 B:V	6.1 B:V	6.2 B:V	5.1 B:V	4.1 B:V	4.8 B:V
MOLYBDENUM	< .54 :V	< .57 :V	< .63 :J	< .54 :V	< .54 :V	< .5 :V	< .51 :V	< .49 :V
STRONTIUM	41.3 B:V	44.1 B:V	43.8 B:V	51.4 :V	45.2 :V	43.1 :V	22.3 B:V	33.4 B:V
TIN	< 2.2 :V	< 2.3 :V	2.8 B:V	< 2.2 :V	< 2.2 :V	< 2.1 :V	< 2.1 :V	2.1 B:V
Test Group:SMETCLP Units:mg/kg								
ALUMINUM	5870 :V	6590 :V	6180 :V	8110 :V	6800 :V	6520 :V	5400 :V	6300 :V
ANTIMONY	< 2.5 :J	< 2.6 :J	< 2.5 :J	< 2.5 :J	< 2.5 :J	< 2.3 :J	< 2.4 :J	< 2.3 :J
ARSENIC	4.4 :V	5.3 :V	4.6 :V	5.7 :V	5.5 :V	5 :V	4.1 :V	5.6 :V
BARIUM	113 :V	123 :V	118 :V	141 :V	126 :V	140 :V	73.1 :V	87.1 :V
BERYLLIUM	.72 B:V	.67 B:V	.68 B:V	.8 B:V	.7 B:V	.65 B:V	.52 B:V	.62 B:V

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TABLE E-21
Surface Soil Results
OU8 - IHSS 150.3
Rocky Flats Environmental Technology Site

Sample Location:	SS807493	SS807593	SS807693	SS807793	SS807893	SS807893	SS807993	SS808093
Sample Identification Number:	SSG0068JE	SSG0069JE	SSG0070JE	SSG0071JE	SSG0072JE	SSG0153JE	SSG0073JE	SSG0074JE
Date Sampled:	12-Dec-94	12-Dec-94	12-Dec-94	12-Dec-94	12-Dec-94	12-Dec-94	12-Dec-94	12-Dec-94
CADMIUM	< .32 :V	< .33 :V	< .32 :V	< .31 :V	< .31 :V	< .29 :V	< .3 :V	< .28 :V
CALCIUM	11700 I:J	15900 I:J	14300 I:J	29600 I:J	22600 I:J	18600 I:J	11100 I:J	15600 I:J
CHROMIUM	6.6 :J	7.2 :V	6.6 :J	8.2 :V	8.7 :V	7.6 :V	6.3 :J	9.1 :V
COBALT	5.3 B:V	4.7 B:V	6 B:V	5.2 B:V	8.1 B:V	5.4 B:V	4.8 B:V	20.9 :V
COPPER	12.6 :J	14.8 :J	11.3 :J	< 11 :J	12.8 :J	11.6 :J	< 8.5 :J	15.3 :J
IRON	9600 :V	11000 :V	9620 :V	9250 :V	11100 :V	9740 :V	7580 :V	11200 :V
LEAD	13.3 :J	13.3 :J	12.3 :J	13.6 :J	17.3 :J	15.3 :J	10.8 :J	12.2 :J
MAGNESIUM	1780 :V	1770 :V	1780 :V	1870 :V	1880 :V	1670 :V	1460 :V	1630 :V
MANGANESE	159 :V	117 :V	159 :V	133 :V	216 :V	172 :V	150 :V	193 :V
MERCURY	.07 B:V	.08 B:V	.07 B:V	.07 B:V	.05 B:V	< .06 :V	< .05 :V	< .05 :V
NICKEL	10.5 :V	9.7 :V	10.7 :V	10.6 :V	12.9 :V	9.9 :V	8.9 :V	11.3 :V
POTASSIUM	880 B:V	839 B:V	889 B:V	1180 :V	1610 :V	1560 :V	1230 :V	1310 :V
SELENIUM	< .57 :V	< .59 :V	< .56 :V	< .56 :V	< .56 :V	< .52 :V	< .53 :V	< .51 :V
SILVER	< .66 :J	< .96 :J	< .98 :J	< .54 :V	< .82 :J	< .96 :J	< .97 :J	< .97 :J
SODIUM	< 36.5 :J	< 42.1 :J	< 37.4 :J	< 62.9 :J	< 64.3 :J	< 59.5 :J	< 59.1 :J	73.5 B:V
THALLIUM	< .39 :V	< .4 :V	< .38 :V	< .38 :V	< .38 :V	< .35 :V	< .36 :V	< .35 :V
VANADIUM	20.8 :V	22.4 :V	20.4 :V	24.2 :V	25 :V	22.3 :V	18.6 :V	21.4 :V
ZINC	70.5 :V	38.1 :V	64 :V	128 :V	49.8 :V	49.3 :V	23.1 :V	49.8 :V
Test Group:TRADS Units:pCi/g								
AMERICIUM-241	.052(.011) :V	.028(.01) :V	.29(.029) :V	.12(.018) :V	.42(.037) :V	.31(.03) :V	2.7(.15) :V	1.8(.095) :V
GROSS ALPHA	10(2.6) :A	13(2.8) :A	14(2.8) :A	14(3.1) :A	15(3) :A	16(3.1) :A	20(3.4) :A	23(3.7) :A
GROSS BETA	22(3.2) :A	21(3) :A	23(3.4) :A	23(3.3) :A	25(3.2) :A	22(3.5) :A	25(3.4) :A	28(3.6) :A
PLUTONIUM-239/240	.097(.016) B:V	.11(.017) B:V	1.3(.054) B:V	.095(.016) B:V	.45(.034) B:V	.36(.03) B:V	1.9(.074) B:V	1.2(.058) B:V
URANIUM-233,-234	1(.18) B:V	.81(.15) B:V	.96(.33) B:V	.68(.14) B:V	.75(.16) B:V	.73(.13) B:V	.66(.13) B:V	.88(.16) B:V
URANIUM-235	.073(.049) J:V	.028(.042) U:V	.12(.12) U:V	.015(.015) U:V	.062(.054) U:V	.038(.038) U:V	.051(.038) J:V	.037(.03) U:V
URANIUM-238	.88(.17) :V	.96(.16) :V	.73(.27) :V	.8(.16) :V	.74(.16) :V	.77(.14) :V	.64(.12) :V	.91(.16) :V

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TABLE E-22
Surface Soil Data Summary
OU8 - IHSS 150.3
Rocky Flats Environmental Technology Site

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	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
Test Group:BNACLP Units:µg/kg							
1,2,4-TRICHLOROBENZENE	330	350	SS808093 (1)	400	SS807493 (4)		
1,2-DICHLOROBENZENE	330	350	SS808093 (1)	400	SS807493 (4)		
1,3-DICHLOROBENZENE	330	350	SS808093 (1)	400	SS807493 (4)		
1,4-DICHLOROBENZENE	330	350	SS808093 (1)	400	SS807493 (4)		
2,4,5-TRICHLOROPHENOL	1600	1700	SS808093 (1)	2000	SS807493 (1)		
2,4,6-TRICHLOROPHENOL	330	350	SS808093 (1)	400	SS807493 (4)		
2,4-DICHLOROPHENOL	330	350	SS808093 (1)	400	SS807493 (4)		
2,4-DIMETHYLPHENOL	330	350	SS808093 (1)	400	SS807493 (4)		
2,4-DINITROPHENOL	1600	1700	SS808093 (1)	2000	SS807493 (1)		
2,4-DINITROTOLUENE	330	350	SS808093 (1)	400	SS807493 (4)		
2,6-DINITROTOLUENE	330	350	SS808093 (1)	400	SS807493 (4)		
2-CHLORONAPHTHALENE	330	350	SS808093 (1)	400	SS807493 (4)		
2-CHLOROPHENOL	330	350	SS808093 (1)	400	SS807493 (4)		
2-METHYLNAPHTHALENE	330	400	SS807593 (2)	400	SS807593 (2)	75 J:A	SS807993 (1)
2-METHYLPHENOL	330	350	SS808093 (1)	400	SS807493 (4)		
2-NITROANILINE	1600	1700	SS808093 (1)	2000	SS807493 (1)		
2-NITROPHENOL	330	350	SS808093 (1)	400	SS807493 (4)		
3,3'-DICHLOROBENZIDINE	660	**	**	**	**		
3-NITROANILINE	1600	1700	SS808093 (1)	2000	SS807493 (1)		
4,6-DINITRO-2-METHYLPHENOL	1600	1700	SS808093 (1)	2000	SS807493 (1)		
4-CHLORO-3-METHYLPHENOL	330	350	SS808093 (1)	400	SS807493 (4)		
4-CHLOROANILINE	330	350	SS808093 (1)	400	SS807493 (4)		
4-CHLOROPHENYL PHENYL ETHER	330	350	SS808093 (1)	400	SS807493 (4)		
4-METHYLPHENOL	330	350	SS808093 (1)	400	SS807493 (4)		
4-NITROANILINE	1600	1700	SS808093 (1)	2000	SS807493 (1)		
4-NITROPHENOL	1600	1700	SS808093 (1)	2000	SS807493 (1)		
ACENAPHTHENE	330	**	**	**	**	150 J:A	SS807693 (1)
ACENAPHTHYLENE	330	350	SS808093 (1)	400	SS807493 (4)	58 J:A	SS807893 (1)
ANTHRACENE	330	**	**	**	**	170 J:A	SS807693 (1)
BENZO(a)ANTHRACENE	330	**	**	**	**	290 J:A	SS807693 (1)
BENZO(a)PYRENE	330	**	**	**	**	270 J:A	SS807693 (1)
BENZO(b)FLUORANTHENE	330	**	**	**	**	310 J:A	SS807693 (1)
BENZO(ghi)PERYLENE	330	**	**	**	**	150 J:A	SS807693 (1)
BENZO(k)FLUORANTHENE	330	**	**	**	**	100 J:A	SS807593 (1)
BENZOIC ACID	1600	1700	SS808093 (1)	2000	SS807493 (1)		
BENZYL ALCOHOL	330	350	SS808093 (1)	400	SS807493 (4)		
BIS(2-CHLOROETHOXY)METHANE	330	350	SS808093 (1)	400	SS807493 (4)		

TABLE E-22
Surface Soil Data Summary
OU8 - IHSS 150.3
Rocky Flats Environmental Technology Site

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	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
BIS(2-CHLOROETHYL)ETHER	330	350	SS808093 (1)	400	SS807493 (4)		
BIS(2-CHLOROISOPROPYL)ETHER	330	350	SS808093 (1)	400	SS807493 (4)		
BIS(2-ETHYLHEXYL)PHTHALATE	330	400	SS807493 (2)	400	SS807493 (2)	43 J:A	SS807593 (1)
BUTYL BENZYL PHTHALATE	330	350	SS808093 (1)	400	SS807493 (4)		
CHRYSENE	330	**	**	**	**	330 J:A	SS807693 (1)
DI-n-BUTYL PHTHALATE	330	350	SS808093 (1)	400	SS807493 (4)		
DI-n-OCTYL PHTHALATE	330	350	SS808093 (1)	400	SS807493 (4)		
DIBENZO(a,h)ANTHRACENE	330	370	SS807893 (1)	370	SS807893 (1)	51 J:A	SS807693 (1)
DIBENZOFURAN	330	**	**	**	**	62 J:A	SS807693 (1)
DIETHYL PHTHALATE	330	350	SS808093 (1)	400	SS807493 (4)		
DIMETHYL PHTHALATE	330	350	SS808093 (1)	400	SS807493 (4)		
FLUORANTHENE	330	**	**	**	**	860 :V	SS807593 (1)
FLUORENE	330	**	**	**	**	130 J:A	SS807693 (1)
HEXACHLOROBENZENE	330	350	SS808093 (1)	400	SS807493 (4)		
HEXACHLOROBUTADIENE	330	350	SS808093 (1)	400	SS807493 (4)		
HEXACHLOROCYCLOPENTADIENE	330	350	SS808093 (1)	400	SS807493 (4)		
HEXACHLOROETHANE	330	350	SS808093 (1)	400	SS807493 (4)		
INDENO(1,2,3-cd)PYRENE	330	**	**	**	**	180 J:A	SS807693 (1)
ISOPHORONE	330	350	SS808093 (1)	400	SS807493 (4)		
N-NITROSO-DI-n-PROPYLAMINE	330	350	SS808093 (1)	400	SS807493 (4)		
N-NITROSODIPHENYLAMINE	330	350	SS808093 (1)	400	SS807493 (4)		
NAPHTHALENE	330	**	**	**	**	80 J:A	SS807693 (1)
NITROBENZENE	330	350	SS808093 (1)	400	SS807493 (4)		
PENTACHLOROPHENOL	1600	1700	SS808093 (1)	2000	SS807493 (1)		
PHENANTHRENE	330	**	**	**	**	890 :V	SS807593 (1)
PHENOL	330	350	SS808093 (1)	400	SS807493 (4)		
PYRENE	330	**	**	**	**	790 :V	SS807693 (1)
p-BROMODIPHENYL ETHER	330	350	SS808093 (1)	400	SS807493 (4)		
Test Group:METADD Units:mg/kg							
CESIUM	1000	6.1	SS808093 (1)	11.8	SS807593 (1)		
LITHIUM	100	**	**	**	**	3.9 B:V	SS807493 (1)
MOLYBDENUM	200	0.49	SS808093 (1)	0.63	SS807693 (1)		
STRONTIUM	200	**	**	**	**	22.3 B:V	SS807993 (1)
TIN	200	2.1	SS807893 (2)	2.3	SS807593 (1)	2.1 B:V	SS808093 (1)
Test Group:SMETCLP Units:mg/kg							
ALUMINUM	200	**	**	**	**	5400 :V	SS807993 (1)
ANTIMONY	60	2.3	SS807893 (2)	2.6	SS807593 (1)		
ARSENIC	10	**	**	**	**	4.1 :V	SS807993 (1)

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TABLE E-22
Surface Soil Data Summary
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Rocky Flats Environmental Technology Site

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
BARIUM	200	**	**	**	**	73.1 :V	SS807993 (1)
BERYLLIUM	5	**	**	**	**	.52 B:V	SS807993 (1)
CADMIUM	5	0.28	SS808093 (1)	0.33	SS807593 (1)		
CALCIUM	5000	**	**	**	**	11100 I:J	SS807993 (1)
CHROMIUM	10	**	**	**	**	6.3 :J	SS807993 (1)
COBALT	50	**	**	**	**	4.7 B:V	SS807593 (1)
COPPER	25	8.5	SS807993 (1)	11	SS807793 (1)	11.3 :J	SS807693 (1)
IRON	100	**	**	**	**	7580 :V	SS807993 (1)
LEAD	3	**	**	**	**	10.8 :J	SS807993 (1)
MAGNESIUM	5000	**	**	**	**	1460 :V	SS807993 (1)
MANGANESE	15	**	**	**	**	117 :V	SS807593 (1)
MERCURY	0.2	0.05	SS807993 (2)	0.05	SS807993 (2)	.05 B:V	SS807893 (1)
NICKEL	40	**	**	**	**	8.9 :V	SS807993 (1)
POTASSIUM	5000	**	**	**	**	839 B:V	SS807593 (1)
SELENIUM	5	0.51	SS808093 (1)	0.59	SS807593 (1)		
SILVER	10	0.54	SS807793 (1)	0.98	SS807693 (1)		
SODIUM	5000	36.5	SS807493 (1)	62.9	SS807793 (1)	73.5 B:V	SS808093 (1)
THALLIUM	10	0.35	SS807893 (2)	0.4	SS807593 (1)		
VANADIUM	50	**	**	**	**	18.6 :V	SS807993 (1)
ZINC	20	**	**	**	**	23.1 :V	SS807993 (1)
Test Group:TRADS Units:pCi/g							
AMERICIUM-241	0.005	**	**	**	**	.028(.01) :V	SS807593 (1)
GROSS ALPHA	2	**	**	**	**	10(2.6) :A	SS807493 (1)
GROSS BETA	4	**	**	**	**	21(3) :A	SS807593 (1)
PLUTONIUM-239/240	0.005	**	**	**	**	.095(.016) B:V	SS807793 (1)
URANIUM-233,-234	0.08	**	**	**	**	.66(.13) B:V	SS807993 (1)
URANIUM-235	0.06	**	**	**	**	.015(.015) U:V	SS807793 (1)
URANIUM-238	0.05	**	**	**	**	.64(.12) :V	SS807993 (1)

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TABLE E-22
Surface Soil Data Summary
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	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:BNACLP Units:µg/kg					
1,2,4-TRICHLOROBENZENE			0	7	0
1,2-DICHLOROBENZENE			0	7	0
1,3-DICHLOROBENZENE			0	7	0
1,4-DICHLOROBENZENE			0	7	0
2,4,5-TRICHLOROPHENOL			0	7	0
2,4,6-TRICHLOROPHENOL			0	7	0
2,4-DICHLOROPHENOL			0	7	0
2,4-DIMETHYLPHENOL			0	7	0
2,4-DINITROPHENOL			0	7	0
2,4-DINITROTOLUENE			0	7	0
2,6-DINITROTOLUENE			0	7	0
2-CHLORONAPHTHALENE			0	7	0
2-CHLOROPHENOL			0	7	0
2-METHYLNAPHTHALENE	500 :V	SS807893 (1)	5	7	195.8571
2-METHYLPHENOL			0	7	0
2-NITROANILINE			0	7	0
2-NITROPHENOL			0	7	0
3,3'-DICHLOROBENZIDINE			0	0	0
3-NITROANILINE			0	7	0
4,6-DINITRO-2-METHYLPHENOL			0	7	0
4-CHLORO-3-METHYLPHENOL			0	7	0
4-CHLOROANILINE			0	7	0
4-CHLOROPHENYL PHENYL ETHER			0	7	0
4-METHYLPHENOL			0	7	0
4-NITROANILINE			0	7	0
4-NITROPHENOL			0	7	0
ACENAPHTHENE	3000 DJ:V	SS807893 (1)	7	7	795.7143
ACENAPHTHYLENE	58 J:A	SS807893 (1)	1	7	173.2857
ANTHRACENE	4000 D:V	SS807893 (1)	7	7	1084.286
BENZO(a)ANTHRACENE	9200 D:V	SS807893 (1)	7	7	2361.428
BENZO(a)PYRENE	9400 D:V	SS807893 (1)	7	7	2457.143
BENZO(b)FLUORANTHENE	12000 D:V	SS807893 (1)	7	7	3045.714
BENZO(ghi)PERYLENE	2500 :V	SS807893 (1)	7	7	845.7143
BENZO(k)FLUORANTHENE	2400 :V	SS807893 (1)	7	7	771.4286
BENZOIC ACID			0	7	0
BENZYL ALCOHOL			0	7	0
BIS(2-CHLOROETHOXY)METHANE			0	7	0

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TABLE E-22
Surface Soil Data Summary
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Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
BIS(2-CHLOROETHYL)ETHER			0	7	0
BIS(2-CHLOROISOPROPYL)ETHER			0	7	0
BIS(2-ETHYLHEXYL)PHTHALATE	100 J:A	SS808093 (1)	5	7	111
BUTYL BENZYL PHTHALATE			0	7	0
CHRYSENE	11000 D:V	SS807893 (1)	7	7	2804.286
DI-n-BUTYL PHTHALATE			0	7	0
DI-n-OCTYL PHTHALATE			0	7	0
DIBENZO(a,h)ANTHRACENE	390 J:A	SS807793 (1)	6	7	181.2857
DIBENZOFURAN	1200 :V	SS807893 (1)	7	7	331.5714
DIETHYL PHTHALATE			0	7	0
DIMETHYL PHTHALATE			0	7	0
FLUORANTHENE	24000 D:V	SS807893 (1)	7	7	6117.143
FLUORENE	2800 :V	SS807893 (1)	7	7	724.2857
HEXACHLOROBENZENE			0	7	0
HEXACHLOROBUTADIENE			0	7	0
HEXACHLOROCYCLOPENTADIENE			0	7	0
HEXACHLOROETHANE			0	7	0
INDENO(1,2,3-cd)PYRENE	2800 :V	SS807893 (1)	7	7	961.4286
ISOPHORONE			0	7	0
N-NITROSO-DI-n-PROPYLAMINE			0	7	0
N-NITROSODIPHENYLAMINE			0	7	0
NAPHTHALENE	1100 :V	SS807893 (1)	7	7	342.8571
NITROBENZENE			0	7	0
PENTACHLOROPHENOL			0	7	0
PHENANTHRENE	22000 D:V	SS807893 (1)	7	7	5741.429
PHENOL			0	7	0
PYRENE	26000 D:V	SS807893 (1)	7	7	6188.571
p-BROMODIPHENYL ETHER			0	7	0
Test Group:METADD Units:mg/kg					
CESIUM			0	7	0
LITHIUM	6.2 B:V	SS807893 (1)	7	7	4.7571
MOLYBDENUM			0	7	0
STRONTIUM	51.4 :V	SS807793 (1)	7	7	40.2143
TIN	2.8 B:V	SS807693 (1)	2	7	1.4786
Test Group:SMETCLP Units:mg/kg					
ALUMINUM	8110 :V	SS807793 (1)	7	7	6464.286
ANTIMONY			0	7	0
ARSENIC	5.7 :V	SS807793 (1)	7	7	5.0286

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TABLE E-22
Surface Soil Data Summary
OU8 - IHSS 150.3
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	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
BARIUM	141 :V	SS807793 (1)	7	7	113.6
BERYLLIUM	.8 B:V	SS807793 (1)	7	7	0.6729
CADMIUM			0	7	0
CALCIUM	29600 I:J	SS807793 (1)	7	7	17257.14
CHROMIUM	9.1 :V	SS808093 (1)	7	7	7.5286
COBALT	20.9 :V	SS808093 (1)	7	7	7.8571
COPPER	15.3 :J	SS808093 (1)	5	7	10.9357
IRON	11200 :V	SS808093 (1)	7	7	9907.143
LEAD	17.3 :J	SS807893 (1)	7	7	13.2571
MAGNESIUM	1880 :V	SS807893 (1)	7	7	1738.571
MANGANESE	216 :V	SS807893 (1)	7	7	161
MERCURY	.08 B:V	SS807593 (1)	5	7	0.0557
NICKEL	12.9 :V	SS807893 (1)	7	7	10.6571
POTASSIUM	1610 :V	SS807893 (1)	7	7	1134
SELENIUM			0	7	0
SILVER			0	7	0
SODIUM	73.5 B:V	SS808093 (1)	1	7	31.75
THALLIUM			0	7	0
VANADIUM	25 :V	SS807893 (1)	7	7	21.8286
ZINC	128 :V	SS807793 (1)	7	7	60.4714
Test Group:TRADS Units:pCi/g					
AMERICIUM-241	2.7(.15) :V	SS807993 (1)	8	8	0.715
GROSS ALPHA	23(3.7) :A	SS808093 (1)	8	8	15.625
GROSS BETA	28(3.6) :A	SS808093 (1)	8	8	23.625
PLUTONIUM-239/240	1.9(.074) B:V	SS807993 (1)	8	8	0.689
URANIUM-233,-234	1(.18) B:V	SS807493 (1)	8	8	0.8087
URANIUM-235	.12(.12) U:V	SS807693 (1)	8	8	0.053
URANIUM-238	.96(.16) :V	SS807593 (1)	8	8	0.8037

TABLE E-23
Surface Soil Results
OU8 - IHSS 150.4
Rocky Flats Environmental Technology Site

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Sample Location: Sample Identification Number: Date Sampled:	SS808193 SSG0075JE 18-Nov-94	SS808293 SSG0076JE 18-Nov-94	SS808393 SSG0077JE 18-Nov-94	SS808393 SSG0137JE 18-Nov-94	SS808493 SSG0078JE 18-Nov-94	SS808593 SSG0079JE 18-Nov-94
Test Group:BNACLP Units:µg/kg						
1,2,4-TRICHLOROBENZENE	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
1,2-DICHLOROBENZENE	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
1,3-DICHLOROBENZENE	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
1,4-DICHLOROBENZENE	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
2,4,5-TRICHLOROPHENOL	< 1700 :V	< 1700 :V	< 1800 :V	< 1800 :V	< 2000 :V	< 1700 :V
2,4,6-TRICHLOROPHENOL	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
2,4-DICHLOROPHENOL	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
2,4-DIMETHYLPHENOL	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
2,4-DINITROPHENOL	< 1700 :V	< 1700 :V	< 1800 :V	< 1800 :V	< 2000 :V	< 1700 :V
2,4-DINITROTOLUENE	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
2,6-DINITROTOLUENE	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
2-CHLORONAPHTHALENE	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
2-CHLOROPHENOL	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
2-METHYLNAPHTHALENE	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
2-METHYLPHENOL	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
2-NITROANILINE	< 1700 :V	< 1700 :V	< 1800 :V	< 1800 :V	< 2000 :V	< 1700 :V
2-NITROPHENOL	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
3,3'-DICHLOROBENZIDINE	< 710 :V	< 710 :V	< 750 :V	< 730 :V	< 830 :V	< 700 :V
3-NITROANILINE	< 1700 :V	< 1700 :V	< 1800 :V	< 1800 :V	< 2000 :V	< 1700 :V
4,6-DINITRO-2-METHYLPHENOL	< 1700 :V	< 1700 :V	< 1800 :V	< 1800 :V	< 2000 :V	< 1700 :V
4-CHLORO-3-METHYLPHENOL	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
4-CHLOROANILINE	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
4-CHLOROPHENYL PHENYL ETHER	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
4-METHYLPHENOL	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
4-NITROANILINE	< 1700 :V	< 1700 :V	< 1800 :V	< 1800 :V	< 2000 :V	< 1700 :V
4-NITROPHENOL	< 1700 :V	< 1700 :V	< 1800 :V	< 1800 :V	< 2000 :V	< 1700 :V
ACENAPHTHENE	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
ACENAPHTHYLENE	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
ANTHRACENE	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
BENZO(a)ANTHRACENE	< 360 :V	< 350 :V	38 J:A	< 370 :V	92 J:A	< 350 :V
BENZO(a)PYRENE	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
BENZO(b)FLUORANTHENE	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
BENZO(ghi)PERYLENE	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
BENZO(k)FLUORANTHENE	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V

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TABLE E-23
Surface Soil Results
OU8 - IHSS 150.4
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS808193 SSG0075JE 18-Nov-94	SS808293 SSG0076JE 18-Nov-94	SS808393 SSG0077JE 18-Nov-94	SS808393 SSG0137JE 18-Nov-94	SS808493 SSG0078JE 18-Nov-94	SS808593 SSG0079JE 18-Nov-94
BENZOIC ACID	< 1700 :V	< 1700 :V	< 1800 :V	< 1800 :V	< 2000 :V	77 J:A
BENZYL ALCOHOL	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
BIS(2-CHLOROETHOXY)METHANE	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
BIS(2-CHLOROETHYL)ETHER	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
BIS(2-CHLOROISOPROPYL)ETHER	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
BIS(2-ETHYLHEXYL)PHTHALATE	91 J:A	< 350 :V	44 J:A	49 J:A	87 J:A	43 J:A
BUTYL BENZYL PHTHALATE	< 1500 :J	< 1700 :J	< 490 :J	< 370 :J	< 670 :J	< 350 :J
CHRYSENE	< 360 :V	< 350 :V	41 J:A	< 370 :V	110 J:A	< 350 :V
DI-n-BUTYL PHTHALATE	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
DI-n-OCTYL PHTHALATE	< 360 :V	< 350 :V	< 370 :J	< 370 :J	< 420 :V	< 350 :V
DIBENZO(a,h)ANTHRACENE	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
DIBENZOFURAN	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
DIETHYL PHTHALATE	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
DIMETHYL PHTHALATE	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
FLUORANTHENE	< 360 :V	< 350 :V	75 J:A	< 370 :V	170 J:A	< 350 :V
FLUORENE	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
HEXACHLOROBENZENE	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
HEXACHLOROBUTADIENE	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
HEXACHLOROCYCLOPENTADIENE	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
HEXACHLOROETHANE	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
INDENO(1,2,3-cd)PYRENE	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
ISOPHORONE	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
N-NITROSO-DI-n-PROPYLAMINE	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
N-NITROSODIPHENYLAMINE	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
NAPHTHALENE	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
NITROBENZENE	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
PENTACHLOROPHENOL	< 1700 :V	< 1700 :V	< 1800 :V	< 1800 :V	< 2000 :V	< 1700 :V
PHENANTHRENE	< 360 :V	< 350 :V	58 J:A	< 370 :V	140 J:A	< 350 :V
PHENOL	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
PYRENE	< 360 :V	< 350 :V	< 370 :J	< 370 :V	< 420 :J	< 350 :V
p-BROMODIPHENYL ETHER	< 360 :V	< 350 :V	< 370 :V	< 370 :V	< 420 :V	< 350 :V
Test Group:METADD Units:mg/kg						
CESIUM	< 2.7 :V	< 3.9 :J	< 2.8 :V	< 4.5 :J	< 3.2 :V	< 4.1 :J
LITHIUM	5.2 B:V	7.2 B:V	6.4 B:V	6 B:V	6.5 B:V	6.1 B:V
MOLYBDENUM	< .77 :J	< 1.2 :J	< .96 :J	< .9 :J	< 1.2 :J	< 2 :J

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TABLE E-23
Surface Soil Results
OU8 - IHSS 150.4
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS808193 SSG0075JE 18-Nov-94	SS808293 SSG0076JE 18-Nov-94	SS808393 SSG0077JE 18-Nov-94	SS808393 SSG0137JE 18-Nov-94	SS808493 SSG0078JE 18-Nov-94	SS808593 SSG0079JE 18-Nov-94
STRONTIUM	2.4 B:V	4.9 B:V	10.7 B:V	10.3 B:V	12 B:V	7.8 B:V
TIN	< 2.1 :V	< 1.9 :V	< 2.1 :V	< 2.2 :V	< 2.5 :V	< 2 :V
Test Group:SMETCLP Units:mg/kg						
ALUMINUM	3280 :V	4970 :V	6440 :V	5570 :V	7310 :V	4980 :V
ANTIMONY	< 2.4 :R	< 2.2 :R	< 2.4 :R	< 2.5 :R	< 2.8 :R	< 2.3 :R
ARSENIC	.68 B:V	1.6 B:V	2.5 :V	1.6 B:V	2.4 B:V	1.4 B:V
BARIUM	19.3 B:V	47.1 :V	50.9 :V	53.4 :V	52.8 :V	49.2 :V
BERYLLIUM	.11 B:V	.19 B:V	.3 B:V	.24 B:V	.33 B:V	.2 B:V
CADMIUM	< .3 :V	< .28 :V	< .3 :V	< .32 :V	< .35 :V	< .28 :V
CALCIUM	685 B:V	1030 :V	4960 :V	3350 :V	3000 :V	1150 :V
CHROMIUM	5.8 :V	8.1 :V	8.2 :V	8.1 :V	8.4 :V	7.9 :V
COBALT	4.7 B:V	4.6 B:V	4.1 B:V	4.3 B:V	5.6 B:V	5.7 B:V
COPPER	12.5 :J	12.5 :J	13.7 :J	13.8 :J	17.8 :J	13.9 :J
IRON	6110 :V	8620 :V	9900 :V	9710 :V	10800 :V	8520 :V
LEAD	6.7 :V	9.8 :V	9 :V	8.5 :V	8.9 :V	7.6 :V
MAGNESIUM	1570 :V	2020 :V	2100 :V	2090 :V	2340 :V	1980 :V
MANGANESE	112 :V	148 :V	159 :V	158 :V	176 :V	145 :V
MERCURY	< .05 :V	< .051 :V	< .056 :V	< .058 :V	< .056 :V	< .054 :V
NICKEL	4.7 B:V	5.8 B:V	7.1 B:V	5.8 B:V	7.1 B:V	5.4 B:V
POTASSIUM	1630 :V	2020 :V	2950 :V	2650 :V	3100 :V	1670 :V
SELENIUM	< .53 :V	< .49 :V	< .54 :V	< .56 :V	< .63 :V	< .51 :V
SILVER	< .51 :J	< .54 :J	< .73 :J	< .54 :J	< .6 :R	< .49 :R
SODIUM	231 B:V	292 B:V	718 B:V	593 B:V	872 B:V	206 B:V
THALLIUM	< .36 :V	< .33 :V	< .36 :V	< .38 :V	< .43 :V	< .34 :V
VANADIUM	10.1 B:V	13.7 :V	17.7 :V	16.8 :V	22 :V	13.4 :V
ZINC	64.8 :V	26.9 :V	36.1 :V	43.4 :V	57 :V	24.7 :V
Test Group:TRADS Units:pCi/g						
AMERICIUM-241	.004(.009) U:Y	.001(.006) U:Y	.006(.01) U:Y	.005(.011) U:Y	.007(.007) U:Y	.004(.005) U:Y
GROSS ALPHA	38(5.1) :A	19(3.6) :A	25(4.1) :A	30(4.4) :A	20(3.9) :A	18(3.7) :A
GROSS BETA	52(4.2) :A	37(3.6) :A	37(3.7) :A	34(3.8) :A	34(3.6) :A	41(3.7) :A
PLUTONIUM-239/240	.027(.008) J:Y	-.002(.003) U:Y	.026(.008) J:Y	.019(.008) J:Y	.053(.011) :Y	.006(.005) J:Y
URANIUM-233,-234	3.3(.44) :Y	.68(.18) :Y	.74(.17) :Y	.91(.19) :Y	.71(.17) :Y	1(.21) :Y
URANIUM-235	.15(.088) J:Y	.056(.045) U:Y	.031(.042) U:Y	.065(.044) U:Y	.067(.057) U:Y	.031(.042) U:Y
URANIUM-238	3.5(.46) :Y	.69(.18) :Y	.95(.19) :Y	1(.21) :Y	.79(.17) :Y	1(.21) :Y

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TABLE E-24
Surface Soil Data Summary
OU8 - IHSS 150.4
Rocky Flats Environmental Technology Site

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	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
Test Group:BNACLP Units:µg/kg							
1,2,4-TRICHLOROBENZENE	330	350	SS808293 (2)	420	SS808493 (1)		
1,2-DICHLOROBENZENE	330	350	SS808293 (2)	420	SS808493 (1)		
1,3-DICHLOROBENZENE	330	350	SS808293 (2)	420	SS808493 (1)		
1,4-DICHLOROBENZENE	330	350	SS808293 (2)	420	SS808493 (1)		
2,4,5-TRICHLOROPHENOL	1600	1700	SS808193 (3)	2000	SS808493 (1)		
2,4,6-TRICHLOROPHENOL	330	350	SS808293 (2)	420	SS808493 (1)		
2,4-DICHLOROPHENOL	330	350	SS808293 (2)	420	SS808493 (1)		
2,4-DIMETHYLPHENOL	330	350	SS808293 (2)	420	SS808493 (1)		
2,4-DINITROPHENOL	1600	1700	SS808193 (3)	2000	SS808493 (1)		
2,4-DINITROTOLUENE	330	350	SS808293 (2)	420	SS808493 (1)		
2,6-DINITROTOLUENE	330	350	SS808293 (2)	420	SS808493 (1)		
2-CHLORONAPHTHALENE	330	350	SS808293 (2)	420	SS808493 (1)		
2-CHLOROPHENOL	330	350	SS808293 (2)	420	SS808493 (1)		
2-METHYLNAPHTHALENE	330	350	SS808293 (2)	420	SS808493 (1)		
2-METHYLPHENOL	330	350	SS808293 (2)	420	SS808493 (1)		
2-NITROANILINE	1600	1700	SS808193 (3)	2000	SS808493 (1)		
2-NITROPHENOL	330	350	SS808293 (2)	420	SS808493 (1)		
3,3'-DICHLOROBENZIDINE	660	700	SS808593 (1)	830	SS808493 (1)		
3-NITROANILINE	1600	1700	SS808193 (3)	2000	SS808493 (1)		
4,6-DINITRO-2-METHYLPHENOL	1600	1700	SS808193 (3)	2000	SS808493 (1)		
4-CHLORO-3-METHYLPHENOL	330	350	SS808293 (2)	420	SS808493 (1)		
4-CHLOROANILINE	330	350	SS808293 (2)	420	SS808493 (1)		
4-CHLOROPHENYL PHENYL ETHER	330	350	SS808293 (2)	420	SS808493 (1)		
4-METHYLPHENOL	330	350	SS808293 (2)	420	SS808493 (1)		
4-NITROANILINE	1600	1700	SS808193 (3)	2000	SS808493 (1)		
4-NITROPHENOL	1600	1700	SS808193 (3)	2000	SS808493 (1)		
ACENAPHTHENE	330	350	SS808293 (2)	420	SS808493 (1)		
ACENAPHTHYLENE	330	350	SS808293 (2)	420	SS808493 (1)		
ANTHRACENE	330	350	SS808293 (2)	420	SS808493 (1)		
BENZO(a)ANTHRACENE	330	350	SS808293 (2)	360	SS808193 (1)	38 J:A	SS808393 (1)
BENZO(a)PYRENE	330	350	SS808293 (2)	420	SS808493 (1)		
BENZO(b)FLUORANTHENE	330	350	SS808293 (2)	420	SS808493 (1)		
BENZO(ghi)PERYLENE	330	350	SS808293 (2)	420	SS808493 (1)		
BENZO(k)FLUORANTHENE	330	350	SS808293 (2)	420	SS808493 (1)		
BENZOIC ACID	1600	1700	SS808193 (2)	2000	SS808493 (1)	77 J:A	SS808593 (1)
BENZYL ALCOHOL	330	350	SS808293 (2)	420	SS808493 (1)		
BIS(2-CHLOROETHOXY)METHANE	330	350	SS808293 (2)	420	SS808493 (1)		
BIS(2-CHLOROETHYL)ETHER	330	350	SS808293 (2)	420	SS808493 (1)		
BIS(2-CHLOROISOPROPYL)ETHER	330	350	SS808293 (2)	420	SS808493 (1)		

TABLE E-24
Surface Soil Data Summary
OU8 - IHSS 150.4
Rocky Flats Environmental Technology Site

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	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
BIS(2-ETHYLHEXYL)PHTHALATE	330	350	SS808293 (1)	350	SS808293 (1)	43 J:A	SS808593 (1)
BUTYL BENZYL PHTHALATE	330	350	SS808593 (1)	1700	SS808293 (1)		
CHRYSENE	330	350	SS808293 (2)	360	SS808193 (1)	41 J:A	SS808393 (1)
DI-n-BUTYL PHTHALATE	330	350	SS808293 (2)	420	SS808493 (1)		
DI-n-OCTYL PHTHALATE	330	350	SS808293 (2)	420	SS808493 (1)		
DIBENZO(a,h)ANTHRACENE	330	350	SS808293 (2)	420	SS808493 (1)		
DIBENZOFURAN	330	350	SS808293 (2)	420	SS808493 (1)		
DIETHYL PHTHALATE	330	350	SS808293 (2)	420	SS808493 (1)		
DIMETHYL PHTHALATE	330	350	SS808293 (2)	420	SS808493 (1)		
FLUORANTHENE	330	350	SS808293 (2)	360	SS808193 (1)	75 J:A	SS808393 (1)
FLUORENE	330	350	SS808293 (2)	420	SS808493 (1)		
HEXACHLOROBENZENE	330	350	SS808293 (2)	420	SS808493 (1)		
HEXACHLOROBUTADIENE	330	350	SS808293 (2)	420	SS808493 (1)		
HEXACHLOROCYCLOPENTADIENE	330	350	SS808293 (2)	420	SS808493 (1)		
HEXACHLOROETHANE	330	350	SS808293 (2)	420	SS808493 (1)		
INDENO(1,2,3-cd)PYRENE	330	350	SS808293 (2)	420	SS808493 (1)		
ISOPHORONE	330	350	SS808293 (2)	420	SS808493 (1)		
N-NITROSO-DI-n-PROPYLAMINE	330	350	SS808293 (2)	420	SS808493 (1)		
N-NITROSODIPHENYLAMINE	330	350	SS808293 (2)	420	SS808493 (1)		
NAPHTHALENE	330	350	SS808293 (2)	420	SS808493 (1)		
NITROBENZENE	330	350	SS808293 (2)	420	SS808493 (1)		
PENTACHLOROPHENOL	1600	1700	SS808193 (3)	2000	SS808493 (1)		
PHENANTHRENE	330	350	SS808293 (2)	360	SS808193 (1)	58 J:A	SS808393 (1)
PHENOL	330	350	SS808293 (2)	420	SS808493 (1)		
PYRENE	330	350	SS808293 (2)	420	SS808493 (1)		
p-BROMODIPHENYL ETHER	330	350	SS808293 (2)	420	SS808493 (1)		
Test Group:METADD Units:mg/kg							
CESIUM	1000	2.7	SS808193 (1)	4.1	SS808593 (1)		
LITHIUM	100	**	**	**	**	5.2 B:V	SS808193 (1)
MOLYBDENUM	200	0.77	SS808193 (1)	2	SS808593 (1)		
STRONTIUM	200	**	**	**	**	2.4 B:V	SS808193 (1)
TIN	200	1.9	SS808293 (1)	2.5	SS808493 (1)		
Test Group:SMETCLP Units:mg/kg							
ALUMINUM	200	**	**	**	**	3280 :V	SS808193 (1)
ANTIMONY	60	**	**	**	**		
ARSENIC	10	**	**	**	**	.68 B:V	SS808193 (1)
BARIUM	200	**	**	**	**	19.3 B:V	SS808193 (1)
BERYLLIUM	5	**	**	**	**	.11 B:V	SS808193 (1)
CADMIUM	5	0.28	SS808293 (2)	0.35	SS808493 (1)		
CALCIUM	5000	**	**	**	**	685 B:V	SS808193 (1)

TABLE E-24
Surface Soil Data Summary
OU8 - IHSS 150.4
Rocky Flats Environmental Technology Site

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	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
CHROMIUM	10	**	**	**	**	5.8 :V	SS808193 (1)
COBALT	50	**	**	**	**	4.3 B:V	SS808393 (1)
COPPER	25	**	**	**	**	12.5 :J	SS808193 (2)
IRON	100	**	**	**	**	6110 :V	SS808193 (1)
LEAD	3	**	**	**	**	6.7 :V	SS808193 (1)
MAGNESIUM	5000	**	**	**	**	1570 :V	SS808193 (1)
MANGANESE	15	**	**	**	**	112 :V	SS808193 (1)
MERCURY	0.2	0.05	SS808193 (1)	0.06	SS808393 (2)		
NICKEL	40	**	**	**	**	4.7 B:V	SS808193 (1)
POTASSIUM	5000	**	**	**	**	1630 :V	SS808193 (1)
SELENIUM	5	0.49	SS808293 (1)	0.63	SS808493 (1)		
SILVER	10	0.51	SS808193 (1)	0.54	SS808293 (2)		
SODIUM	5000	**	**	**	**	206 B:V	SS808593 (1)
THALLIUM	10	0.33	SS808293 (1)	0.43	SS808493 (1)		
VANADIUM	50	**	**	**	**	10.1 B:V	SS808193 (1)
ZINC	20	**	**	**	**	24.7 :V	SS808593 (1)
Test Group:TRADS Units:pCi/g							
AMERICIUM-241	0.009	**	**	**	**	.001(.006) U:Y	SS808293 (1)
GROSS ALPHA	3	**	**	**	**	18(3.7) :A	SS808593 (1)
GROSS BETA	4	**	**	**	**	34(3.8) :A	SS808393 (2)
PLUTONIUM-239/240	0.006	**	**	**	**	-.002(.003) U:Y	SS808293 (1)
URANIUM-233,-234	0.07	**	**	**	**	.68(.18) :Y	SS808293 (1)
URANIUM-235	0.08	**	**	**	**	.031(.042) U:Y	SS808393 (2)
URANIUM-238	0.07	**	**	**	**	.69(.18) :Y	SS808293 (1)

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TABLE E-24
Surface Soil Data Summary
OU8 - IHSS 150.4
Rocky Flats Environmental Technology Site

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	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:BNACLP Units:µg/kg					
1,2,4-TRICHLOROBENZENE			0	5	0
1,2-DICHLOROBENZENE			0	5	0
1,3-DICHLOROBENZENE			0	5	0
1,4-DICHLOROBENZENE			0	5	0
2,4,5-TRICHLOROPHENOL			0	5	0
2,4,6-TRICHLOROPHENOL			0	5	0
2,4-DICHLOROPHENOL			0	5	0
2,4-DIMETHYLPHENOL			0	5	0
2,4-DINITROPHENOL			0	5	0
2,4-DINITROTOLUENE			0	5	0
2,6-DINITROTOLUENE			0	5	0
2-CHLORONAPHTHALENE			0	5	0
2-CHLOROPHENOL			0	5	0
2-METHYLNAPHTHALENE			0	5	0
2-METHYLPHENOL			0	5	0
2-NITROANILINE			0	5	0
2-NITROPHENOL			0	5	0
3,3'-DICHLOROBENZIDINE			0	5	0
3-NITROANILINE			0	5	0
4,6-DINITRO-2-METHYLPHENOL			0	5	0
4-CHLORO-3-METHYLPHENOL			0	5	0
4-CHLOROANILINE			0	5	0
4-CHLOROPHENYL PHENYL ETHER			0	5	0
4-METHYLPHENOL			0	5	0
4-NITROANILINE			0	5	0
4-NITROPHENOL			0	5	0
ACENAPHTHENE			0	5	0
ACENAPHTHYLENE			0	5	0
ANTHRACENE			0	5	0
BENZO(a)ANTHRACENE	92 J:A	SS808493 (1)	2	5	132
BENZO(a)PYRENE			0	5	0
BENZO(b)FLUORANTHENE			0	5	0
BENZO(ghi)PERYLENE			0	5	0
BENZO(k)FLUORANTHENE			0	5	0
BENZOIC ACID	77 J:A	SS808593 (1)	1	5	735.4
BENZYL ALCOHOL			0	5	0
BIS(2-CHLOROETHOXY)METHANE			0	5	0
BIS(2-CHLOROETHYL)ETHER			0	5	0
BIS(2-CHLOROISOPROPYL)ETHER			0	5	0

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TABLE E-24
Surface Soil Data Summary
OU8 - IHSS 150.4
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
BIS(2-ETHYLHEXYL)PHTHALATE	91 J:A	SS808193 (1)	4	5	89
BUTYL BENZYL PHTHALATE			0	5	0
CHRYSENE	110 J:A	SS808493 (1)	2	5	136.2
DI-n-BUTYL PHTHALATE			0	5	0
DI-n-OCTYL PHTHALATE			0	5	0
DIBENZO(a,h)ANTHRACENE			0	5	0
DIBENZOFURAN			0	5	0
DIETHYL PHTHALATE			0	5	0
DIMETHYL PHTHALATE			0	5	0
FLUORANTHENE	170 J:A	SS808493 (1)	2	5	155
FLUORENE			0	5	0
HEXACHLOROBENZENE			0	5	0
HEXACHLOROBUTADIENE			0	5	0
HEXACHLOROCYCLOPENTADIENE			0	5	0
HEXACHLOROETHANE			0	5	0
INDENO(1,2,3-cd)PYRENE			0	5	0
ISOPHORONE			0	5	0
N-NITROSO-DI-n-PROPYLAMINE			0	5	0
N-NITROSODIPHENYLAMINE			0	5	0
NAPHTHALENE			0	5	0
NITROBENZENE			0	5	0
PENTACHLOROPHENOL			0	5	0
PHENANTHRENE	140 J:A	SS808493 (1)	2	5	145.6
PHENOL			0	5	0
PYRENE			0	5	0
p-BROMODIPHENYL ETHER			0	5	0
Test Group:METADD Units:mg/kg					
CESIUM			0	5	0
LITHIUM	7.2 B:V	SS808293 (1)	5	5	6.28
MOLYBDENUM			0	5	0
STRONTIUM	12 B:V	SS808493 (1)	5	5	7.56
TIN			0	5	0
Test Group:SMETCLP Units:mg/kg					
ALUMINUM	7310 :V	SS808493 (1)	5	5	5396
ANTIMONY			0	0	0
ARSENIC	2.5 :V	SS808393 (1)	5	5	1.716
BARIUM	53.4 :V	SS808393 (1)	5	5	44.36
BERYLLIUM	.33 B:V	SS808493 (1)	5	5	0.226
CADMIUM			0	5	0
CALCIUM	4960 :V	SS808393 (1)	5	5	2165

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TABLE E-24
Surface Soil Data Summary
OU8 - IHSS 150.4
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
CHROMIUM	8.4 :V	SS808493 (1)	5	5	7.68
COBALT	5.7 B:V	SS808593 (1)	5	5	4.98
COPPER	17.8 :J	SS808493 (1)	5	5	14.1
IRON	10800 :V	SS808493 (1)	5	5	8790
LEAD	9.8 :V	SS808293 (1)	5	5	8.4
MAGNESIUM	2340 :V	SS808493 (1)	5	5	2002
MANGANESE	176 :V	SS808493 (1)	5	5	148
MERCURY			0	5	0
NICKEL	7.1 B:V	SS808393 (2)	5	5	6.02
POTASSIUM	3100 :V	SS808493 (1)	5	5	2274
SELENIUM			0	5	0
SILVER			0	3	0
SODIUM	872 B:V	SS808493 (1)	5	5	463.8
THALLIUM			0	5	0
VANADIUM	22 :V	SS808493 (1)	5	5	15.38
ZINC	64.8 :V	SS808193 (1)	5	5	43.36
Test Group:TRADS Units:pCi/g					
AMERICIUM-241	.007(.007) U:Y	SS808493 (1)	6	6	0.0045
GROSS ALPHA	38(5.1) :A	SS808193 (1)	6	6	25
GROSS BETA	52(4.2) :A	SS808193 (1)	6	6	39.1667
PLUTONIUM-239/240	.053(.011) :Y	SS808493 (1)	6	6	0.0215
URANIUM-233,-234	3.3(.44) :Y	SS808193 (1)	6	6	1.2233
URANIUM-235	.15(.088) J:Y	SS808193 (1)	6	6	0.0667
URANIUM-238	3.5(.46) :Y	SS808193 (1)	6	6	1.3217

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TABLE E-25
Surface Soil Results
OU8 - IHSSs 150.6 and 150.8
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS808693 SSG0080JE 9-Nov-94	SS808793 SSG0081JE 21-Nov-94	SS808893 SSG0082JE 9-Nov-94	SS808993 SSG0083JE 9-Nov-94	SS809093 SSG0084JE 8-Nov-94	SS809193 SSG0085JE 21-Nov-94	SS809293 SSG0086JE 21-Nov-94	SS809393 SSG0087JE 9-Nov-94	SS809393 SSG0130JE 9-Nov-94	SS809493 SSG0088JE 21-Nov-94	SS809593 SSG0089JE 9-Nov-94
Test Group:BNACLP Units:µg/kg											
1,2,4-TRICHLOROBENZENE	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
1,2-DICHLOROBENZENE	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
1,3-DICHLOROBENZENE	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
1,4-DICHLOROBENZENE	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
2,4,5-TRICHLOROPHENOL	< 1800 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1800 :V	< 1700 :V	< 1800 :V	< 1700 :V	< 1700 :V	< 1700 :J	< 1700 :V
2,4,6-TRICHLOROPHENOL	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
2,4-DICHLOROPHENOL	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
2,4-DIMETHYLPHENOL	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
2,4-DINITROPHENOL	< 1800 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1800 :V	< 1700 :V	< 1800 :V	< 1700 :V	< 1700 :V	< 1700 :J	< 1700 :V
2,4-DINITROTOLUENE	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
2,6-DINITROTOLUENE	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
2-CHLORONAPHTHALENE	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
2-CHLOROPHENOL	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
2-METHYLNAPHTHALENE	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
2-METHYLPHENOL	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
2-NITROANILINE	< 1800 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1800 :V	< 1700 :V	< 1800 :V	< 1700 :V	< 1700 :V	< 1700 :J	< 1700 :V
2-NITROPHENOL	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
3,3'-DICHLOROBENZIDINE	< 730 :V	< 690 :V	< 720 :V	< 720 :V	< 720 :V	< 700 :V	< 740 :V	< 700 :V	< 700 :V	< 710 :J	< 710 :V
3-NITROANILINE	< 1800 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1800 :V	< 1700 :V	< 1800 :V	< 1700 :V	< 1700 :V	< 1700 :J	< 1700 :V
4,6-DINITRO-2-METHYLPHENOL	< 1800 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1800 :V	< 1700 :V	< 1800 :V	< 1700 :V	< 1700 :V	< 1700 :J	< 1700 :V
4-CHLORO-3-METHYLPHENOL	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
4-CHLOROANILINE	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
4-CHLOROPHENYL PHENYL ETHER	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
4-METHYLPHENOL	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
4-NITROANILINE	< 1800 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1800 :V	< 1700 :V	< 1800 :V	< 1700 :V	< 1700 :V	< 1700 :J	< 1700 :V
4-NITROPHENOL	< 1800 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1800 :V	< 1700 :V	< 1800 :V	< 1700 :V	< 1700 :V	< 1700 :J	< 1700 :V
ACENAPHTHENE	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
ACENAPHTHYLENE	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
ANTHRACENE	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
BENZO(a)ANTHRACENE	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
BENZO(a)PYRENE	< 360 :V	< 350 :J	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V
BENZO(b)FLUORANTHENE	< 360 :V	< 350 :J	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V
BENZO(ghi)PERYLENE	< 360 :V	< 350 :J	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V
BENZO(k)FLUORANTHENE	< 360 :V	< 350 :J	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V
BENZOIC ACID	< 1800 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1800 :V	< 1700 :V	< 1800 :V	< 1700 :V	< 1700 :V	< 1700 :J	< 1700 :V
BENZYL ALCOHOL	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
BIS(2-CHLOROETHOXY)METHANE	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
BIS(2-CHLOROETHYL)ETHER	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
BIS(2-CHLOROISOPROPYL)ETHER	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
BIS(2-ETHYLHEXYL)PHTHALATE	< 360 :V	< 350 :V	62 J:A	120 J:A	< 360 :V	< 350 :V	< 370 :J	< 350 :V	< 350 :V	< 350 :J	76 J:A
BUTYL BENZYL PHTHALATE	< 360 :J	< 350 :J	< 360 :J	< 360 :J	< 360 :J	< 350 :J	760 B:V	< 350 :J	< 360 :J	< 350 :J	< 350 :J
CHRYSENE	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
DI-n-BUTYL PHTHALATE	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :J	< 350 :V	< 350 :V	< 350 :J	150 J:A
DI-n-OCTYL PHTHALATE	< 360 :V	< 350 :J	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	44 J:A	< 350 :V	< 350 :V	< 350 :V

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TABLE E-25
Surface Soil Results
OU8 - IHSSs 150.6 and 150.8
Rocky Flats Environmental Technology Site

Sample Location:	SS808693	SS808793	SS808893	SS808993	SS809093	SS809193	SS809293	SS809393	SS809393	SS809493	SS809593
Sample Identification Number:	SSG0080JE	SSG0081JE	SSG0082JE	SSG0083JE	SSG0084JE	SSG0085JE	SSG0086JE	SSG0087JE	SSG0130JE	SSG0088JE	SSG0089JE
Date Sampled:	9-Nov-94	21-Nov-94	9-Nov-94	9-Nov-94	8-Nov-94	21-Nov-94	21-Nov-94	9-Nov-94	9-Nov-94	21-Nov-94	9-Nov-94
DIBENZO(a,h)ANTHRACENE	< 360 :V	< 350 :J	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V
DIBENZOFURAN	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
DIETHYL PHTHALATE	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
DIMETHYL PHTHALATE	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
FLUORANTHENE	< 360 :V	< 350 :V	39 J:A	38 J:A	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	65 J:A
FLUORENE	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
HEXACHLOROBENZENE	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
HEXACHLOROBUTADIENE	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
HEXACHLOROCYCLOPENTADIENE	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
HEXACHLOROETHANE	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
INDENO(1,2,3-cd)PYRENE	< 360 :V	< 350 :J	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :V	< 350 :V
ISOPHORONE	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
N-NITROSO-DI-n-PROPYLAMINE	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
N-NITROSODIPHENYLAMINE	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
NAPHTHALENE	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
NITROBENZENE	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
PENTACHLOROPHENOL	< 1800 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1800 :V	< 1700 :V	< 1800 :V	< 1700 :V	< 1700 :V	< 1700 :J	< 1700 :V
PHENANTHRENE	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	45 J:A
PHENOL	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
PYRENE	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	57 J:A
p-BROMODIPHENYL ETHER	< 360 :V	< 350 :V	< 360 :V	< 360 :V	< 360 :V	< 350 :V	< 370 :V	< 350 :V	< 350 :V	< 350 :J	< 350 :V
Test Group:METADD Units:mg/kg											
CESIUM	< 8.3 :J	< 8.3 :J	< 10.7 :J	< 6.4 :J	< 6.4 :J	< 6.3 :J	< 8.6 :J	< 6.1 :J	< 6.2 :J	< 8.2 :J	< 6.1 :J
LITHIUM	1.8 B:V	5 B:V	9.4 B:V	2.1 B:V	8.7 B:V	6.2 B:V	5 B:V	5.8 B:V	6 B:V	6 B:V	6.8 B:V
MOLYBDENUM	< .53 :J	< .57 :J	< 1.5 :J	< 1.2 :J	< .87 :J	< .98 :J	< .56 :J	< 1.2 :J	< 1.4 :J	< .68 :J	< 1 :J
STRONTIUM	10 B:V	17.8 B:V	50.7 :V	13.3 B:V	10.3 B:J	18.6 B:V	33.9 B:V	12.1 B:V	10.8 B:V	13.7 B:V	9.8 B:V
TIN	< 2.1 :V	< 2.1 :V	< 2.1 :V	< 2.1 :V	< 2.1 :J	< 2.1 :V	< 2.1 :V	< 2 :V	< 2.1 :V	< 2 :V	< 2 :V
Test Group:SMETCLP Units:mg/kg											
ALUMINUM	1880 :V	4190 :V	6730 :V	2060 :V	8000 :V	4910 :V	3270 :V	4640 :V	4320 :V	4020 :V	4180 :V
ANTIMONY	2.8 B:J	< 2.3 :J	< 2.4 :J	< 2.4 :J	2.6 B:J	< 2.4 :J	< 2.4 :J	< 2.3 :J	< 2.3 :J	< 2.3 :J	< 2.3 :J
ARSENIC	5.1 :V	2.4 :J	2.5 :V	5.5 :V	1.1 B:V	.81 B:J	2.1 B:J	2.1 :V	1.2 B:V	1.4 B:J	1.1 B:V
BARIUM	38.6 B:V	27.8 B:V	50.6 :V	40.1 B:V	73.8 :V	52 :V	43.7 :V	55.9 :V	51 :V	45.4 :V	42.7 :V
BERYLLIUM	< .11 :J	.15 B:J	< .29 :J	< .21 :J	< .34 :J	.19 B:J	.22 B:J	< .21 :J	< .21 :J	.15 B:J	< .18 :J
CADMIUM	< .29 :V	< .29 :V	1.2 :V	.41 B:V	< .3 :V	< .29 :V	2.9 :V	< .28 :V	< .29 :V	< .29 :V	< .28 :V
CALCIUM	1020 B:J	3750 :V	10300 I:J	1160 I:J	6060 I:J	1940 :V	11100 :V	2250 I:J	1780 I:J	1820 :V	2040 I:J
CHROMIUM	4.6 :V	7.7 :V	11.3 :V	6.4 :V	6.6 :J	10.7 :V	6.5 :V	11.2 :V	10.9 :V	9 :V	15.1 :V
COBALT	1.6 B:V	5.5 B:V	5.7 B:V	1.9 B:V	9.6 B:V	9.8 B:V	2.5 B:V	8 B:V	7 B:V	7.3 B:V	6.9 B:V
COPPER	13.4 :J	19.4 :V	106 :V	18 :V	34.5 :V	20.5 :V	11.1 :V	18.4 :V	18.1 :V	14.7 :V	17.6 :V
IRON	3230 :V	8680 :J	16100 :V	4590 :V	20900 :V	10500 :J	7460 :J	11600 :V	10900 :V	14100 :J	9750 :V
LEAD	5.1 :V	7.6 :V	42.2 :V	25.3 :V	6 :J	5.1 :V	32.2 :V	6.2 :V	5.4 :V	5.4 :V	9.4 :V
MAGNESIUM	532 B:V	2450 :V	5880 :V	798 B:V	5330 :V	2610 :V	2170 :V	2780 :V	2470 :V	2200 :V	2210 :V
MANGANESE	49.3 :V	169 :J	296 :V	67.5 :V	468 :V	172 :J	146 :J	160 :V	141 :V	197 :J	91.1 :V
MERCURY	< .05 :V	< .056 :V	< .05 :V	< .05 :V	< .05 :V	< .049 :V	< .055 :V	< .05 :V	< .05 :V	< .052 :V	< .05 :V
NICKEL	3 B:V	7.1 B:V	14.2 :V	4.7 B:V	3.2 B:J	6.2 B:V	5.6 B:V	6.4 B:V	7.1 B:V	13.6 :V	7.7 B:V
POTASSIUM	557 B:V	1010 B:V	1230 :V	714 B:V	3620 :V	1710 :V	812 B:V	1660 :V	1460 :V	1270 :V	1360 :V

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TABLE E-25
Surface Soil Results
OU8 - IHSSs 150.6 and 150.8
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS808693 SSG0080JE 9-Nov-94	SS808793 SSG0081JE 21-Nov-94	SS808893 SSG0082JE 9-Nov-94	SS808993 SSG0083JE 9-Nov-94	SS809093 SSG0084JE 8-Nov-94	SS809193 SSG0085JE 21-Nov-94	SS809293 SSG0086JE 21-Nov-94	SS809393 SSG0087JE 9-Nov-94	SS809393 SSG0130JE 9-Nov-94	SS809493 SSG0088JE 21-Nov-94	SS809593 SSG0089JE 9-Nov-94
SELENIUM	< .52 :V	< .52 :V	< .53 :V	< .53 :V	< .53 :J	< .53 :V	< .54 :V	< .51 :V	< .52 :V	< .51 :V	< .51 :V
SILVER	< .5 :V	.69 B:V	1.2 B:V	< .51 :V	1.9 B:V	1.1 B:V	.71 B:V	1.4 B:V	1.7 B:V	1.1 B:V	.96 B:V
SODIUM	129 B:V	280 B:V	1010 B:V	255 B:V	267 B:J	229 B:V	< 87.6 :J	94.5 B:V	81.4 B:V	< 74.1 :J	83 B:V
THALLIUM	< .35 :V	< .35 :V	< .36 :V	< .36 :V	< .36 :J	< .36 :V	< .36 :V	< .35 :V	< .35 :V	< .35 :V	< .35 :V
VANADIUM	8.9 B:V	16.6 :V	22 :V	15.8 :V	23.3 :V	18.4 :V	11.8 :V	21.2 :V	18.8 :V	19.1 :V	17.6 :V
ZINC	28.2 :V	59.1 :J	58.4 :V	42.2 :V	77.6 :V	30.7 :J	544 :J	25.7 :V	25.1 :V	33.8 :J	42.5 :V
Test Group:TRADS Units:pCi/g											
AMERICIUM-241	.014(.009) J:V	.2(.029) :Y	.4(.05) :V	.012(.014) U:V	.003(.006) U:V	.003(.009) U:Y	.25(.035) :Y	.008(.012) U:V	.005(.005) U:V	.006(.011) U:Y	.057(.019) :V
GROSS ALPHA	8.2(2.2) :A	16(3.7) :A	23(3.8) :A	12(2.7) :A	6.9(2.2) :A	20(3.8) :A	13(2.9) :A	25(4.1) :A	24(3.8) :A	23(4.1) :A	25(4) :A
GROSS BETA	28(3.4) :A	34(3.7) :A	29(3.5) :A	30(3.4) :A	15(3.2) :A	36(3.6) :A	29(3.5) :A	37(3.8) :A	34(3.7) :A	35(3.7) :A	33(3.6) :A
PLUTONIUM-239/240	.023(.01) J:V	1.3(.062) :Y	2.6(.12) :V	.031(.012) :V	.006(.006) U:V	.004(.004) U:Y	1.7(.077) :Y	.007(.006) J:V	.014(.008) J:V	.013(.005) J:Y	.28(.033) :V
URANIUM-233,-234	.61(.16) :V	.87(.2) :Y	.64(.16) :V	.49(.13) :V	.35(.12) :V	.81(.2) :Y	.6(.15) :Y	.89(.19) :V	.92(.19) :V	.92(.2) :Y	.93(.19) :V
URANIUM-235	.074(.063) U:V	.066(.044) U:Y	.038(.038) U:V	.052(.052) U:V	.049(.04) U:V	.022(.045) U:Y	.033(.044) U:Y	.039(.039) U:V	.029(.039) U:V	.052(.042) U:Y	.075(.065) U:V
URANIUM-238	.61(.15) :V	.93(.2) :Y	.71(.17) :V	.68(.15) :V	.3(.1) :V	.6(.16) :Y	.55(.15) :Y	1(.2) :V	.81(.17) :V	1.1(.21) :Y	.92(.19) :V

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TABLE E-26
Surface Soil Data Summary
OU8 - IHSSs 150.6 and 150.8
Rocky Flats Environmental Technology Site

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	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
Test Group:BNACLP Units:µg/kg							
1,2,4-TRICHLOROBENZENE	330	350	SS808793 (5)	370	SS809293 (1)		
1,2-DICHLOROBENZENE	330	350	SS808793 (5)	370	SS809293 (1)		
1,3-DICHLOROBENZENE	330	350	SS808793 (5)	370	SS809293 (1)		
1,4-DICHLOROBENZENE	330	350	SS808793 (5)	370	SS809293 (1)		
2,4,5-TRICHLOROPHENOL	1600	1700	SS808793 (7)	1800	SS808693 (3)		
2,4,6-TRICHLOROPHENOL	330	350	SS808793 (5)	370	SS809293 (1)		
2,4-DICHLOROPHENOL	330	350	SS808793 (5)	370	SS809293 (1)		
2,4-DIMETHYLPHENOL	330	350	SS808793 (5)	370	SS809293 (1)		
2,4-DINITROPHENOL	1600	1700	SS808793 (7)	1800	SS808693 (3)		
2,4-DINITROTOLUENE	330	350	SS808793 (5)	370	SS809293 (1)		
2,6-DINITROTOLUENE	330	350	SS808793 (5)	370	SS809293 (1)		
2-CHLORONAPHTHALENE	330	350	SS808793 (5)	370	SS809293 (1)		
2-CHLOROPHENOL	330	350	SS808793 (5)	370	SS809293 (1)		
2-METHYLNAPHTHALENE	330	350	SS808793 (5)	370	SS809293 (1)		
2-METHYLPHENOL	330	350	SS808793 (5)	370	SS809293 (1)		
2-NITROANILINE	1600	1700	SS808793 (7)	1800	SS808693 (3)		
2-NITROPHENOL	330	350	SS808793 (5)	370	SS809293 (1)		
3,3'-DICHLOROBENZIDINE	660	690	SS808793 (1)	740	SS809293 (1)		
3-NITROANILINE	1600	1700	SS808793 (7)	1800	SS808693 (3)		
4,6-DINITRO-2-METHYLPHENOL	1600	1700	SS808793 (7)	1800	SS808693 (3)		
4-CHLORO-3-METHYLPHENOL	330	350	SS808793 (5)	370	SS809293 (1)		
4-CHLOROANILINE	330	350	SS808793 (5)	370	SS809293 (1)		
4-CHLOROPHENYL PHENYL ETHER	330	350	SS808793 (5)	370	SS809293 (1)		
4-METHYLPHENOL	330	350	SS808793 (5)	370	SS809293 (1)		
4-NITROANILINE	1600	1700	SS808793 (7)	1800	SS808693 (3)		
4-NITROPHENOL	1600	1700	SS808793 (7)	1800	SS808693 (3)		
ACENAPHTHENE	330	350	SS808793 (5)	370	SS809293 (1)		
ACENAPHTHYLENE	330	350	SS808793 (5)	370	SS809293 (1)		
ANTHRACENE	330	350	SS808793 (5)	370	SS809293 (1)		
BENZO(a)ANTHRACENE	330	350	SS808793 (5)	370	SS809293 (1)		
BENZO(a)PYRENE	330	350	SS808793 (5)	370	SS809293 (1)		
BENZO(b)FLUORANTHENE	330	350	SS808793 (5)	370	SS809293 (1)		
BENZO(ghi)PERYLENE	330	350	SS808793 (5)	370	SS809293 (1)		
BENZO(k)FLUORANTHENE	330	350	SS808793 (5)	370	SS809293 (1)		
BENZOIC ACID	1600	1700	SS808793 (7)	1800	SS808693 (3)		
BENZYL ALCOHOL	330	350	SS808793 (5)	370	SS809293 (1)		
BIS(2-CHLOROETHOXY)METHANE	330	350	SS808793 (5)	370	SS809293 (1)		
BIS(2-CHLOROETHYL)ETHER	330	350	SS808793 (5)	370	SS809293 (1)		
BIS(2-CHLOROISOPROPYL)ETHER	330	350	SS808793 (5)	370	SS809293 (1)		

TABLE E-26
Surface Soil Data Summary
OU8 - IHSSs 150.6 and 150.8
Rocky Flats Environmental Technology Site

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	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
BIS(2-ETHYLHEXYL)PHTHALATE	330	350	SS808793 (4)	370	SS809293 (1)	62 J:A	SS808893 (1)
BUTYL BENZYL PHTHALATE	330	350	SS808793 (5)	360	SS808693 (4)	760 B:V	SS809293 (1)
CHRYSENE	330	350	SS808793 (5)	370	SS809293 (1)		
DI-n-BUTYL PHTHALATE	330	350	SS808793 (4)	370	SS809293 (1)	150 J:A	SS809593 (1)
DI-n-OCTYL PHTHALATE	330	350	SS808793 (4)	370	SS809293 (1)	44 J:A	SS809393 (1)
DIBENZO(a,h)ANTHRACENE	330	350	SS808793 (5)	370	SS809293 (1)		
DIBENZOFURAN	330	350	SS808793 (5)	370	SS809293 (1)		
DIETHYL PHTHALATE	330	350	SS808793 (5)	370	SS809293 (1)		
DIMETHYL PHTHALATE	330	350	SS808793 (5)	370	SS809293 (1)		
FLUORANTHENE	330	350	SS808793 (4)	370	SS809293 (1)	38 J:A	SS808993 (1)
FLUORENE	330	350	SS808793 (5)	370	SS809293 (1)		
HEXACHLOROBENZENE	330	350	SS808793 (5)	370	SS809293 (1)		
HEXACHLOROBUTADIENE	330	350	SS808793 (5)	370	SS809293 (1)		
HEXACHLOROCYCLOPENTADIENE	330	350	SS808793 (5)	370	SS809293 (1)		
HEXACHLOROETHANE	330	350	SS808793 (5)	370	SS809293 (1)		
INDENO(1,2,3-cd)PYRENE	330	350	SS808793 (5)	370	SS809293 (1)		
ISOPHORONE	330	350	SS808793 (5)	370	SS809293 (1)		
N-NITROSO-DI-n-PROPYLAMINE	330	350	SS808793 (5)	370	SS809293 (1)		
N-NITROSODIPHENYLAMINE	330	350	SS808793 (5)	370	SS809293 (1)		
NAPHTHALENE	330	350	SS808793 (5)	370	SS809293 (1)		
NITROBENZENE	330	350	SS808793 (5)	370	SS809293 (1)		
PENTACHLOROPHENOL	1600	1700	SS808793 (7)	1800	SS808693 (3)		
PHENANTHRENE	330	350	SS808793 (4)	370	SS809293 (1)	45 J:A	SS809593 (1)
PHENOL	330	350	SS808793 (5)	370	SS809293 (1)		
PYRENE	330	350	SS808793 (4)	370	SS809293 (1)	57 J:A	SS809593 (1)
p-BROMODIPHENYL ETHER	330	350	SS808793 (5)	370	SS809293 (1)		
Test Group:METADD Units:mg/kg							
CESIUM	1000	6.1	SS809393 (2)	10.7	SS808893 (1)		
LITHIUM	100	**	**	**	**	1.8 B:V	SS808693 (1)
MOLYBDENUM	200	0.53	SS808693 (1)	1.5	SS808893 (1)		
STRONTIUM	200	**	**	**	**	9.8 B:V	SS809593 (1)
TIN	200	2	SS809393 (3)	2.1	SS808693 (7)		
Test Group:SMETCLP Units:mg/kg							
ALUMINUM	200	**	**	**	**	1880 :V	SS808693 (1)
ANTIMONY	60	2.3	SS808793 (4)	2.4	SS808893 (4)	2.6 B:J	SS809093 (1)
ARSENIC	10	**	**	**	**	.81 B:J	SS809193 (1)
BARIUM	200	**	**	**	**	27.8 B:V	SS808793 (1)
BERYLLIUM	5	0.11	SS808693 (1)	0.34	SS809093 (1)	.15 B:J	SS808793 (2)
CADMIUM	5	0.28	SS809393 (2)	0.3	SS809093 (1)	.41 B:V	SS808993 (1)
CALCIUM	5000	**	**	**	**	1020 B:J	SS808693 (1)

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TABLE E-26
Surface Soil Data Summary
OU8 - IHSSs 150.6 and 150.8
Rocky Flats Environmental Technology Site

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
CHROMIUM	10	**	**	**	**	4.6 :V	SS808693 (1)
COBALT	50	**	**	**	**	1.6 B:V	SS808693 (1)
COPPER	25	**	**	**	**	11.1 :V	SS809293 (1)
IRON	100	**	**	**	**	3230 :V	SS808693 (1)
LEAD	3	**	**	**	**	5.1 :V	SS808693 (2)
MAGNESIUM	5000	**	**	**	**	532 B:V	SS808693 (1)
MANGANESE	15	**	**	**	**	49.3 :V	SS808693 (1)
MERCURY	0.2	0.05	SS809193 (1)	0.06	SS808793 (1)		
NICKEL	40	**	**	**	**	3 B:V	SS808693 (1)
POTASSIUM	5000	**	**	**	**	557 B:V	SS808693 (1)
SELENIUM	5	0.51	SS809393 (3)	0.54	SS809293 (1)		
SILVER	10	0.5	SS808693 (1)	0.51	SS808993 (1)	.69 B:V	SS808793 (1)
SODIUM	5000	74.1	SS809493 (1)	87.6	SS809293 (1)	83 B:V	SS809593 (1)
THALLIUM	10	0.35	SS808693 (5)	0.36	SS808893 (5)		
VANADIUM	50	**	**	**	**	8.9 B:V	SS808693 (1)
ZINC	20	**	**	**	**	25.7 :V	SS809393 (1)
Test Group:TRADS Units:pCi/g							
AMERICIUM-241	0.01	**	**	**	**	.003(.006) U:V	SS809093 (2)
GROSS ALPHA	3	**	**	**	**	6.9(2.2) :A	SS809093 (1)
GROSS BETA	4	**	**	**	**	15(3.2) :A	SS809093 (1)
PLUTONIUM-239/240	0.007	**	**	**	**	.004(.004) U:Y	SS809193 (1)
URANIUM-233,-234	0.09	**	**	**	**	.35(.12) :V	SS809093 (1)
URANIUM-235	0.08	**	**	**	**	.022(.045) U:Y	SS809193 (1)
URANIUM-238	0.07	**	**	**	**	.3(.1) :V	SS809093 (1)

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TABLE E-26
Surface Soil Data Summary
OU8 - IHSSs 150.6 and 150.8
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:BNACLP Units:µg/kg					
1,2,4-TRICHLOROBENZENE			0	10	0
1,2-DICHLOROBENZENE			0	10	0
1,3-DICHLOROBENZENE			0	10	0
1,4-DICHLOROBENZENE			0	10	0
2,4,5-TRICHLOROPHENOL			0	10	0
2,4,6-TRICHLOROPHENOL			0	10	0
2,4-DICHLOROPHENOL			0	10	0
2,4-DIMETHYLPHENOL			0	10	0
2,4-DINITROPHENOL			0	10	0
2,4-DINITROTOLUENE			0	10	0
2,6-DINITROTOLUENE			0	10	0
2-CHLORONAPHTHALENE			0	10	0
2-CHLOROPHENOL			0	10	0
2-METHYLNAPHTHALENE			0	10	0
2-METHYLPHENOL			0	10	0
2-NITROANILINE			0	10	0
2-NITROPHENOL			0	10	0
3,3'-DICHLOROBENZIDINE			0	10	0
3-NITROANILINE			0	10	0
4,6-DINITRO-2-METHYLPHENOL			0	10	0
4-CHLORO-3-METHYLPHENOL			0	10	0
4-CHLOROANILINE			0	10	0
4-CHLOROPHENYL PHENYL ETHER			0	10	0
4-METHYLPHENOL			0	10	0
4-NITROANILINE			0	10	0
4-NITROPHENOL			0	10	0
ACENAPHTHENE			0	10	0
ACENAPHTHYLENE			0	10	0
ANTHRACENE			0	10	0
BENZO(a)ANTHRACENE			0	10	0
BENZO(a)PYRENE			0	10	0
BENZO(b)FLUORANTHENE			0	10	0
BENZO(ghi)PERYLENE			0	10	0
BENZO(k)FLUORANTHENE			0	10	0
BENZOIC ACID			0	10	0
BENZYL ALCOHOL			0	10	0
BIS(2-CHLOROETHOXY)METHANE			0	10	0
BIS(2-CHLOROETHYL)ETHER			0	10	0
BIS(2-CHLOROISOPROPYL)ETHER			0	10	0

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TABLE E-26
Surface Soil Data Summary
OU8 - IHSSs 150.6 and 150.8
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
BIS(2-ETHYLHEXYL)PHTHALATE	120 J:A	SS808993 (1)	3	10	150.3
BUTYL BENZYL PHTHALATE	760 B:V	SS809293 (1)	1	10	235.5
CHRYSENE			0	10	0
DI-n-BUTYL PHTHALATE	150 J:A	SS809593 (1)	1	10	175.5
DI-n-OCTYL PHTHALATE	44 J:A	SS809393 (1)	1	10	164.9
DIBENZO(a,h)ANTHRACENE			0	10	0
DIBENZOFURAN			0	10	0
DIETHYL PHTHALATE			0	10	0
DIMETHYL PHTHALATE			0	10	0
FLUORANTHENE	65 J:A	SS809593 (1)	3	10	138.7
FLUORENE			0	10	0
HEXACHLOROBENZENE			0	10	0
HEXACHLOROBUTADIENE			0	10	0
HEXACHLOROCYCLOPENTADIENE			0	10	0
HEXACHLOROETHANE			0	10	0
INDENO(1,2,3-cd)PYRENE			0	10	0
ISOPHORONE			0	10	0
N-NITROSO-DI-n-PROPYLAMINE			0	10	0
N-NITROSODIPHENYLAMINE			0	10	0
NAPHTHALENE			0	10	0
NITROBENZENE			0	10	0
PENTACHLOROPHENOL			0	10	0
PHENANTHRENE	45 J:A	SS809593 (1)	1	10	165
PHENOL			0	10	0
PYRENE	57 J:A	SS809593 (1)	1	10	166.2
p-BROMODIPHENYL ETHER			0	10	0
Test Group:METADD Units:mg/kg					
CESIUM			0	10	0
LITHIUM	9.4 B:V	SS808893 (1)	10	10	5.7
MOLYBDENUM			0	10	0
STRONTIUM	50.7 :V	SS808893 (1)	10	10	19.02
TIN			0	10	0
Test Group:SMETCLP Units:mg/kg					
ALUMINUM	8000 :V	SS809093 (1)	10	10	4388
ANTIMONY	2.8 B:J	SS808693 (1)	2	10	1.48
ARSENIC	5.5 :V	SS808993 (1)	10	10	2.411
BARIUM	73.8 :V	SS809093 (1)	10	10	47.06
BERYLLIUM	.22 B:J	SS809293 (1)	4	10	0.138
CADMIUM	2.9 :V	SS809293 (1)	3	10	0.552
CALCIUM	11100 :V	SS809293 (1)	10	10	4144

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TABLE E-26
Surface Soil Data Summary
OU8 - IHSSs 150.6 and 150.8
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
CHROMIUM	15.1 :V	SS809593 (1)	10	10	8.91
COBALT	9.8 B:V	SS809193 (1)	10	10	5.88
COPPER	106 :V	SS808893 (1)	10	10	27.36
IRON	20900 :V	SS809093 (1)	10	10	10691
LEAD	42.2 :V	SS808893 (1)	10	10	14.45
MAGNESIUM	5880 :V	SS808893 (1)	10	10	2696
MANGANESE	468 :V	SS809093 (1)	10	10	181.59
MERCURY			0	10	0
NICKEL	14.2 :V	SS808893 (1)	10	10	7.24
POTASSIUM	3620 :V	SS809093 (1)	10	10	1394.3
SELENIUM			0	10	0
SILVER	1.9 B:V	SS809093 (1)	8	10	0.9865
SODIUM	1010 B:V	SS808893 (1)	8	10	242.835
THALLIUM			0	10	0
VANADIUM	23.3 :V	SS809093 (1)	10	10	17.47
ZINC	544 :J	SS809293 (1)	10	10	94.22
Test Group:TRADS Units:pCi/g					
AMERICIUM-241	.4(.05) :V	SS808893 (1)	11	11	0.0871
GROSS ALPHA	25(4.1) :A	SS809393 (2)	11	11	17.8273
GROSS BETA	37(3.8) :A	SS809393 (1)	11	11	30.9091
PLUTONIUM-239/240	2.6(.12) :V	SS808893 (1)	11	11	0.5435
URANIUM-233,-234	.93(.19) :V	SS809593 (1)	11	11	0.73
URANIUM-235	.075(.065) U:V	SS809593 (1)	11	11	0.0481
URANIUM-238	1.1(.21) :Y	SS809493 (1)	11	11	0.7464

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TABLE E-27
Surface Soil Results
OU8 - IHSS 150.7
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS809993 SSG0093JE 30-Nov-94	SS810093 SSG0094JE 30-Nov-94
Test Group:TRADS Units:pCi/g		
AMERICIUM-241	-.001(.005) U:Y	.026(.012) :Y
GROSS ALPHA	22(3.7) :A	20(3.6) :A
GROSS BETA	38(3.8) :A	38(3.7) :A
PLUTONIUM-239/240	-.003(.006) U:Y	.022(.009) J:Y
URANIUM-233,-234	.79(.28) :Y	.85(.17) :Y
URANIUM-235	.023(.091) U:Y	.05(.043) U:Y
URANIUM-238	.73(.24) :Y	.77(.15) :Y

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TABLE E-28
Surface Soil Data Summary
OU8 - IHSS 150.7
Rocky Flats Environmental Technology Site

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
Test Group:TRADS Units:pCi/g							
AMERICIUM-241	0.01	**	**	**	**	-.001(.005) U:Y	SS809993 (1)
GROSS ALPHA	3	**	**	**	**	20(3.6) :A	SS810093 (1)
GROSS BETA	4	**	**	**	**	38(3.8) :A	SS809993 (2)
PLUTONIUM-239/240	0.008	**	**	**	**	-.003(.006) U:Y	SS809993 (1)
URANIUM-233,-234	0.1	**	**	**	**	.79(.28) :Y	SS809993 (1)
URANIUM-235	0.06	**	**	**	**	.023(.091) U:Y	SS809993 (1)
URANIUM-238	0.07	**	**	**	**	.73(.24) :Y	SS809993 (1)

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TABLE E-28
Surface Soil Data Summary
OU8 - IHSS 150.7
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:TRADS Units:pCi/g					
AMERICIUM-241	.026(.012) :Y	SS810093 (1)	2	2	0.0125
GROSS ALPHA	22(3.7) :A	SS809993 (1)	2	2	21
GROSS BETA	38(3.8) :A	SS809993 (2)	2	2	38
PLUTONIUM-239/240	.022(.009) J:Y	SS810093 (1)	2	2	0.0095
URANIUM-233,-234	.85(.17) :Y	SS810093 (1)	2	2	0.82
URANIUM-235	.05(.043) U:Y	SS810093 (1)	2	2	0.0365
URANIUM-238	.77(.15) :Y	SS810093 (1)	2	2	0.75

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TABLE E-29
Surface Soil Results
OU8 - IHSS 151
Rocky Flats Environmental Technology Site

Sample Location:	SS810193	SS810293	SS810293	SS810393	SS810493	SS810593
Sample Identification Number:	SSG0095JE	SSG0096JE	SSG0124JE	SSG0097JE	SSG0098JE	SSG0099JE
Date Sampled:	1-Nov-94	1-Nov-94	1-Nov-94	1-Nov-94	1-Nov-94	1-Nov-94
Test Group:E_TPH8015A Units:mg/kg						
DIESEL FUEL	< 25 :Y	< 25 :Y	< 25 :Y	< 25 :Y	< 25 :Y	< 25 :Y
Test Group:METADD Units:mg/kg						
CESIUM	< 6 :J	< 4.2 :J	< 6.2 :J	< 6.2 :J	< 4 :J	< 5.9 :J
LITHIUM	5.7 B:V	5.6 B:V	5 B:V	6.2 B:V	7.1 B:V	5.2 B:V
MOLYBDENUM	< .77 :J	< 1 :J	< 1.2 :J	< 1.1 :J	< 1.2 :J	< .86 :J
STRONTIUM	25.4 B:V	26.8 B:V	24.3 B:V	28.9 B:V	34.3 B:V	23.8 B:V
TIN	< 2 :V	< 2.1 :V	< 2 :V	< 2 :V	< 2 :V	< 2 :V
Test Group:SMETCLP Units:mg/kg						
ALUMINUM	9150 :V	8960 :V	8070 :V	7490 :V	8080 :V	5700 :V
ANTIMONY	< 2.2 :J	< 2.3 :J	< 2.3 :J	< 2.3 :J	< 2.2 :J	< 2.2 :J
ARSENIC	4.7 :V	4.8 :V	4.2 :V	2.6 :V	2.2 :V	3 :V
BARIUM	79.4 :V	82.1 :V	80.3 :V	50.4 :V	67 :V	42.2 :V
BERYLLIUM	.72 B:V	.74 B:V	.7 B:V	< .33 :J	.42 B:V	< .31 :J
CADMIUM	< .28 :V	< .29 :V	< .29 :V	< .29 :V	< .28 :V	< .28 :V
CALCIUM	4000 I:J	3980 I:J	3930 I:J	4620 I:J	6050 I:J	3590 I:J
CHROMIUM	9.6 :V	9.3 :V	8.6 :V	8 :V	7.4 :V	7.9 :V
COBALT	6.1 B:V	6 B:V	6.1 B:V	6.8 B:V	13.3 :V	4.5 B:V
COPPER	15.2 :V	17.9 :V	15.5 :V	32.9 :V	31.9 :V	22.4 :V
IRON	13600 :V	13100 :V	< 12100 :V	13600 :V	14200 :V	10300 :V
LEAD	9.6 :V	9.8 :V	9.9 :V	10.7 :V	18.1 :V	8.9 :V
MAGNESIUM	2640 :V	2590 :V	2520 :V	4180 :V	4520 :V	2910 :V
MANGANESE	214 :V	336 :V	206 :V	303 :V	540 :V	214 :V
MERCURY	< .052 :V	< .05 :V	< .048 :V	< .05 :V	< .049 :V	< .045 :V
NICKEL	11.2 :V	11.2 :V	10.5 :V	10.1 :V	12.5 :V	7 B:V
POTASSIUM	1300 :V	1290 :V	1290 :V	1290 :V	1350 :V	1060 :V
SELENIUM	< .5 :V	< .52 :V	< .52 :V	< .52 :V	< .5 :V	< .49 :V
SILVER	< 1.1 :J	< 1.3 :J	< 1.2 :J	< 1 :J	< .61 :J	< .6 :J
SODIUM	259 B:V	235 B:V	247 B:V	808 B:V	1100 :V	572 B:V
THALLIUM	< .34 :V	< .35 :V	< .35 :V	< .35 :V	< .34 :V	< .34 :V
VANADIUM	28.8 :V	27.3 :V	26.6 :V	23.9 :V	25.8 :V	19 :V
ZINC	30.6 :V	32.9 :V	33 :V	44.3 :V	45.7 :V	32 :V
Test Group:TPH8015A Units:%REC						
A,A,A-TFT	69 :Y	67 :Y	NA	66 :Y	62 :Y	NA
Test Group:TRADS Units:pCi/L						
TRITIUM	37(150) U:A	-110(140) U:A	-37(190) U:A	37(150) U:A	-85(150) U:A	-71(150) U:A
Test Group:V_TPH8015A Units:µg/kg						
GASOLINE	< 520 :Y	< 530 :Y	< 530 :Y	< 520 :Y	< 520 :Y	720 :Y

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TABLE E-30
Surface Soil Data Summary
OU8 - IHSS 151
Rocky Flats Environmental Technology Site

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	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
Test Group:E_TPH8015A Units:mg/kg							
DIESEL FUEL	5	25	SS810193 (5)	25	SS810193 (5)		
Test Group:METADD Units:mg/kg							
CESIUM	1000	4	SS810493 (1)	6.2	SS810393 (1)		
LITHIUM	100	**	**	**	**	5.2 B:V	SS810593 (1)
MOLYBDENUM	200	0.77	SS810193 (1)	1.2	SS810493 (1)		
STRONTIUM	200	**	**	**	**	23.8 B:V	SS810593 (1)
TIN	200	2	SS810193 (5)	2	SS810193 (5)		
Test Group:SMETCLP Units:mg/kg							
ALUMINUM	200	**	**	**	**	5700 :V	SS810593 (1)
ANTIMONY	60	2.2	SS810193 (3)	2.3	SS810293 (2)		
ARSENIC	10	**	**	**	**	2.2 :V	SS810493 (1)
BARIUM	200	**	**	**	**	42.2 :V	SS810593 (1)
BERYLLIUM	5	0.31	SS810593 (1)	0.33	SS810393 (1)	.42 B:V	SS810493 (1)
CADMIUM	5	0.28	SS810193 (3)	0.29	SS810293 (2)		
CALCIUM	5000	**	**	**	**	3590 I:J	SS810593 (1)
CHROMIUM	10	**	**	**	**	7.4 :V	SS810493 (1)
COBALT	50	**	**	**	**	4.5 B:V	SS810593 (1)
COPPER	25	**	**	**	**	15.2 :V	SS810193 (1)
IRON	100	**	**	**	**	10300 :V	SS810593 (1)
LEAD	3	**	**	**	**	8.9 :V	SS810593 (1)
MAGNESIUM	5000	**	**	**	**	2590 :V	SS810293 (1)
MANGANESE	15	**	**	**	**	214 :V	SS810193 (2)
MERCURY	0.2	0.05	SS810593 (1)	0.05	SS810193 (1)		
NICKEL	40	**	**	**	**	7 B:V	SS810593 (1)
POTASSIUM	5000	**	**	**	**	1060 :V	SS810593 (1)
SELENIUM	5	0.49	SS810593 (1)	0.52	SS810293 (2)		
SILVER	10	0.6	SS810593 (1)	1.2	SS810293 (1)		
SODIUM	5000	**	**	**	**	247 B:V	SS810293 (1)
THALLIUM	10	0.34	SS810193 (3)	0.35	SS810293 (2)		
VANADIUM	50	**	**	**	**	19 :V	SS810593 (1)
ZINC	20	**	**	**	**	30.6 :V	SS810193 (1)
Test Group:TPH8015A Units:%REC							
A,A,A-TFT	0	**	**	**	**	62 :Y	SS810493 (1)
Test Group:TRADS Units:pCi/L							
TRITIUM	300	**	**	**	**	-110(140) U:A	SS810293 (1)
Test Group:V_TPH8015A Units:µg/kg							
GASOLINE	100	520	SS810193 (6)	530	SS810293 (1)	720 :Y	SS810593 (1)

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TABLE E-30
Surface Soil Data Summary
OU8 - IHSS 151
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:E_TPH8015A Units:mg/kg					
DIESEL FUEL			0	5	0
Test Group:METADD Units:mg/kg					
CESIUM			0	5	0
LITHIUM	7.1 B:V	SS810493 (1)	5	5	5.96
MOLYBDENUM			0	5	0
STRONTIUM	34.3 B:V	SS810493 (1)	5	5	27.84
TIN			0	5	0
Test Group:SMETCLP Units:mg/kg					
ALUMINUM	9150 :V	SS810193 (1)	5	5	7876
ANTIMONY			0	5	0
ARSENIC	4.8 :V	SS810293 (1)	5	5	3.46
BARIUM	82.1 :V	SS810293 (1)	5	5	64.22
BERYLLIUM	.74 B:V	SS810293 (1)	3	5	0.44
CADMIUM			0	5	0
CALCIUM	6050 I:J	SS810493 (1)	5	5	4448
CHROMIUM	9.6 :V	SS810193 (1)	5	5	8.44
COBALT	13.3 :V	SS810493 (1)	5	5	7.36
COPPER	32.9 :V	SS810393 (1)	5	5	24.06
IRON	14200 :V	SS810493 (1)	5	5	12960
LEAD	18.1 :V	SS810493 (1)	5	5	11.44
MAGNESIUM	4520 :V	SS810493 (1)	5	5	3368
MANGANESE	540 :V	SS810493 (1)	5	5	321.4
MERCURY			0	5	0
NICKEL	12.5 :V	SS810493 (1)	5	5	10.4
POTASSIUM	1350 :V	SS810493 (1)	5	5	1258
SELENIUM			0	5	0
SILVER			0	5	0
SODIUM	1100 :V	SS810493 (1)	5	5	597.2
THALLIUM			0	5	0
VANADIUM	28.8 :V	SS810193 (1)	5	5	24.96
ZINC	45.7 :V	SS810493 (1)	5	5	37.12
Test Group:TPH8015A Units:%REC					
A,A,A-TFT	69 :Y	SS810193 (1)	5	5	65.4
Test Group:TRADS Units:pCi/L					
TRITIUM	37(150) U:A	SS810193 (2)	6	6	-38.1667
Test Group:V_TPH8015A Units:µg/kg					
GASOLINE	2000 X:Y	SS810293 (1)	2	9	505

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TABLE E-31
Surface Soil Results
OU8 - IHSS 163.1
Rocky Flats Environmental Technology Site

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Sample Location:	SS810693	SS810793	SS810893	SS810993	SS811093	SS811193	SS811193	SS811293	SS811393	SS811493
Sample Identification Number:	SSG0100JE	SSG0101JE	SSG0102JE	SSG0103JE	SSG0104JE	SSG0105JE	SSG0148JE	SSG0106JE	SSG0107JE	SSG0108JE
Date Sampled:	2-Dec-94	2-Dec-94	2-Dec-94	5-Dec-94	5-Dec-94	2-Dec-94	2-Dec-94	5-Dec-94	5-Dec-94	2-Dec-94
Test Group:BNACLP Units:µg/kg										
1,2,4-TRICHLOROBENZENE	< 370 :V	< 380 :V	< 340 :V	< 360 :V	< 360 :V	< 350 :V	< 350 :V	< 390 :V	< 360 :V	< 380 :V
1,2-DICHLOROBENZENE	< 370 :V	< 380 :V	< 340 :V	< 360 :V	< 360 :V	< 350 :V	< 350 :V	< 390 :V	< 360 :V	< 380 :V
1,3-DICHLOROBENZENE	< 370 :V	< 380 :V	< 340 :V	< 360 :V	< 360 :V	< 350 :V	< 350 :V	< 390 :V	< 360 :V	< 380 :V
1,4-DICHLOROBENZENE	< 370 :V	< 380 :V	< 340 :V	< 360 :V	< 360 :V	< 350 :V	< 350 :V	< 390 :V	< 360 :V	< 380 :V
2,4,5-TRICHLOROPHENOL	< 1800 :V	< 1800 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1900 :V	< 1700 :V	< 1800 :V
2,4,6-TRICHLOROPHENOL	< 370 :V	< 380 :V	< 340 :V	< 360 :V	< 360 :V	< 350 :V	< 350 :V	< 390 :V	< 360 :V	< 380 :V
2,4-DICHLOROPHENOL	< 370 :V	< 380 :V	< 340 :V	< 360 :V	< 360 :V	< 350 :V	< 350 :V	< 390 :V	< 360 :V	< 380 :V
2,4-DIMETHYLPHENOL	< 370 :V	< 380 :V	< 340 :V	< 360 :V	< 360 :V	< 350 :V	< 350 :V	< 390 :V	< 360 :V	< 380 :V
2,4-DINITROPHENOL	< 1800 :V	< 1800 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1900 :V	< 1700 :V	< 1800 :V
2,4-DINITROTOLUENE	< 370 :V	< 380 :V	< 340 :V	< 360 :V	< 360 :V	< 350 :V	< 350 :V	< 390 :V	< 360 :V	< 380 :V
2,6-DINITROTOLUENE	< 370 :V	< 380 :V	< 340 :V	< 360 :V	< 360 :V	< 350 :V	< 350 :V	< 390 :V	< 360 :V	< 380 :V
2-CHLORONAPHTHALENE	< 370 :V	< 380 :V	< 340 :V	< 360 :V	< 360 :V	< 350 :V	< 350 :V	< 390 :V	< 360 :V	< 380 :V
2-CHLOROPHENOL	< 370 :V	< 380 :V	< 340 :V	< 360 :V	< 360 :V	< 350 :V	< 350 :V	< 390 :V	< 360 :V	< 380 :V
2-METHYLNAPHTHALENE	< 370 :V	< 380 :V	< 340 :V	< 360 :V	< 360 :V	< 350 :V	< 350 :V	< 390 :V	< 360 :V	< 380 :V
2-METHYLPHENOL	< 370 :V	< 380 :V	< 340 :V	< 360 :V	< 360 :V	< 350 :V	< 350 :V	< 390 :V	< 360 :V	78 J:A
2-NITROANILINE	< 1800 :V	< 1800 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1900 :V	< 1700 :V	< 1800 :V
2-NITROPHENOL	< 370 :V	< 380 :V	< 340 :V	< 360 :V	< 360 :V	< 350 :V	< 350 :V	< 390 :V	< 360 :V	< 380 :V
3,3'-DICHLOROBENZIDINE	< 740 :V	< 760 :V	< 690 :V	< 720 :V	< 710 :V	< 700 :V	< 690 :V	< 770 :V	< 710 :V	< 760 :V
3-NITROANILINE	< 1800 :V	< 1800 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1900 :V	< 1700 :V	< 1800 :V
4,6-DINITRO-2-METHYLPHENOL	< 1800 :V	< 1800 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1900 :V	< 1700 :V	< 1800 :V
4-CHLORO-3-METHYLPHENOL	< 370 :V	< 380 :V	< 340 :V	< 360 :V	< 360 :V	< 350 :V	< 350 :V	< 390 :V	< 360 :V	< 380 :V
4-CHLOROANILINE	< 370 :V	< 380 :V	< 340 :V	< 360 :V	< 360 :V	< 350 :V	< 350 :V	< 390 :V	< 360 :V	< 380 :V
4-CHLOROPHENYL PHENYL ETHER	< 370 :V	< 380 :V	< 340 :V	< 360 :V	< 360 :V	< 350 :V	< 350 :V	< 390 :V	< 360 :V	< 380 :V
4-METHYLPHENOL	< 370 :V	< 380 :V	< 340 :V	< 360 :V	< 360 :V	< 350 :V	< 350 :V	< 390 :V	< 360 :V	< 380 :V
4-NITROANILINE	< 1800 :V	< 1800 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1900 :V	< 1700 :V	< 1800 :V
4-NITROPHENOL	< 1800 :V	< 1800 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1900 :V	< 1700 :V	< 1800 :V
ACENAPHTHENE	190 J:A	120 J:A	< 340 :V	< 360 :V	< 360 :V	40 J:A	69 J:A	< 390 :V	< 360 :V	450 :V
ACENAPHTHYLENE	< 370 :V	< 380 :V	< 340 :V	< 360 :V	< 360 :V	< 350 :V	< 350 :V	< 390 :V	< 360 :V	< 380 :V
ANTHRACENE	280 J:A	170 J:A	< 340 :V	< 360 :V	< 360 :V	100 J:A	240 J:A	< 390 :V	40 J:A	570 :V
BENZO(a)ANTHRACENE	700 :V	460 :V	170 J:A	< 360 :V	< 360 :V	430 :V	720 :V	< 390 :V	70 J:A	1100 :V
BENZO(a)PYRENE	850 :V	480 :V	210 J:A	< 360 :J	< 360 :J	510 :V	780 :V	< 390 :V	78 J:A	1700 :V
BENZO(b)FLUORANTHENE	1100 :V	610 :V	260 J:A	< 360 :J	< 360 :J	770 :V	1200 :V	< 390 :V	110 J:A	2400 :V
BENZO(ghi)PERYLENE	350 J:A	190 J:A	130 J:A	< 360 :J	< 360 :J	170 J:A	270 J:A	< 390 :V	< 360 :V	680 :V
BENZO(k)FLUORANTHENE	360 J:A	220 J:A	90 J:A	< 360 :J	< 360 :J	250 J:A	360 :V	< 390 :V	42 J:A	780 :V
BENZOIC ACID	< 1800 :V	< 1800 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1900 :V	< 1700 :V	< 1800 :V
BENZYL ALCOHOL	< 370 :V	< 380 :V	< 340 :V	< 360 :V	< 360 :V	< 350 :V	< 350 :V	< 390 :V	< 360 :V	< 380 :V
BIS(2-CHLOROETHOXY)METHANE	< 370 :V	< 380 :V	< 340 :V	< 360 :V	< 360 :V	< 350 :V	< 350 :V	< 390 :V	< 360 :V	< 380 :V
BIS(2-CHLOROETHYL)ETHER	< 370 :V	< 380 :V	< 340 :V	< 360 :V	< 360 :V	< 350 :V	< 350 :V	< 390 :V	< 360 :V	< 380 :V
BIS(2-CHLOROISOPROPYL)ETHER	< 370 :V	< 380 :V	< 340 :V	< 360 :V	< 360 :V	< 350 :V	< 350 :V	< 390 :V	< 360 :V	< 380 :V
BIS(2-ETHYLHEXYL)PHTHALATE	150 J:A	110 J:A	69 J:A	< 360 :V	< 360 :V	230 J:A	450 :J	< 390 :V	< 360 :V	79 J:A
BUTYL BENZYL PHTHALATE	< 370 :J	< 380 :J	< 340 :J	< 400 :J	< 360 :J	< 350 :J	< 380 :J	< 390 :J	< 360 :J	< 380 :J
CHRYSENE	890 :V	550 :V	210 J:A	< 360 :V	< 360 :V	680 :V	920 :V	48 J:A	81 J:A	1300 :V
DI-n-BUTYL PHTHALATE	< 370 :V	< 380 :V	< 340 :V	< 360 :V	< 360 :V	< 350 :V	< 350 :V	< 390 :V	< 360 :V	< 380 :V
DI-n-OCTYL PHTHALATE	51 J:A	50 J:A	59 J:A	< 360 :J	< 360 :J	< 350 :V	< 350 :V	< 390 :V	< 360 :V	< 380 :V

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TABLE E-31
Surface Soil Results
OU8 - IHSS 163.1
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS810693 SSG0100JE 2-Dec-94	SS810793 SSG0101JE 2-Dec-94	SS810893 SSG0102JE 2-Dec-94	SS810993 SSG0103JE 5-Dec-94	SS811093 SSG0104JE 5-Dec-94	SS811193 SSG0105JE 2-Dec-94	SS811193 SSG0148JE 2-Dec-94	SS811293 SSG0106JE 5-Dec-94	SS811393 SSG0107JE 5-Dec-94	SS811493 SSG0108JE 2-Dec-94
DIBENZO(a,h)ANTHRACENE	110 J:A	62 J:A	38 J:A	< 360 :J	< 360 :J	58 J:A	86 J:A	< 390 :V	< 360 :V	210 J:A
DIBENZOFURAN	61 J:A	< 380 :V	< 340 :V	< 360 :V	< 360 :V	< 350 :V	< 350 :V	< 390 :V	< 360 :V	180 J:A
DIETHYL PHTHALATE	< 370 :V	< 380 :V	< 340 :V	< 360 :V	< 360 :V	< 350 :V	< 350 :V	< 390 :V	< 360 :V	< 380 :V
DIMETHYL PHTHALATE	< 370 :V	< 380 :V	< 340 :V	< 360 :V	< 360 :V	< 350 :V	< 350 :V	< 390 :V	< 360 :V	< 380 :V
FLUORANTHENE	1800 :V	1100 :V	340 J:A	< 360 :V	< 360 :V	1100 :V	1600 :V	78 J:A	210 J:A	2900 :V
FLUORENE	150 J:A	110 J:A	< 340 :V	< 360 :V	< 360 :V	39 J:A	72 J:A	< 390 :V	< 360 :V	380 :V
HEXACHLOROBENZENE	< 370 :V	< 380 :V	< 340 :V	< 360 :V	< 360 :V	< 350 :V	< 350 :V	< 390 :V	< 360 :V	< 380 :V
HEXACHLOROBUTADIENE	< 370 :V	< 380 :V	< 340 :V	< 360 :V	< 360 :V	< 350 :V	< 350 :V	< 390 :V	< 360 :V	< 380 :V
HEXACHLOROCYCLOPENTADIENE	< 370 :V	< 380 :V	< 340 :V	< 360 :V	< 360 :V	< 350 :V	< 350 :V	< 390 :V	< 360 :V	< 380 :V
HEXACHLOROETHANE	< 370 :V	< 380 :V	< 340 :V	< 360 :V	< 360 :V	< 350 :V	< 350 :V	< 390 :V	< 360 :V	< 380 :V
INDENO(1,2,3-cd)PYRENE	390 :V	230 J:A	150 J:A	< 360 :J	< 360 :J	220 J:A	330 J:A	< 390 :V	< 360 :V	820 :V
ISOPHORONE	< 370 :V	< 380 :V	< 340 :V	< 360 :V	< 360 :V	< 350 :V	< 350 :V	< 390 :V	< 360 :V	< 380 :V
N-NITROSO-DI-n-PROPYLAMINE	< 370 :V	< 380 :V	< 340 :V	< 360 :V	< 360 :V	< 350 :V	< 350 :V	< 390 :V	< 360 :V	< 380 :V
N-NITROSODIPHENYLAMINE	< 370 :V	< 380 :V	< 340 :V	< 360 :V	< 360 :V	< 350 :V	< 350 :V	< 390 :V	< 360 :V	< 380 :V
NAPHTHALENE	50 J:A	< 380 :V	< 340 :V	< 360 :V	< 360 :V	< 350 :V	< 350 :V	< 390 :V	< 360 :V	190 J:A
NITROBENZENE	< 370 :V	< 380 :V	< 340 :V	< 360 :V	< 360 :V	< 350 :V	< 350 :V	< 390 :V	< 360 :V	< 380 :V
PENTACHLOROPHENOL	< 1800 :V	< 1800 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1700 :V	< 1900 :V	< 1700 :V	< 1800 :V
PHENANTHRENE	1300 :V	790 :V	190 J:A	< 360 :V	< 360 :V	700 :V	1000 :V	61 J:A	160 J:A	2700 :V
PHENOL	< 370 :V	< 380 :V	< 340 :V	< 360 :V	< 360 :V	< 350 :V	< 350 :V	< 390 :V	< 360 :V	< 380 :V
PYRENE	1700 :V	1200 :V	350 :V	44 J:A	< 360 :V	1000 :V	1500 :V	89 J:A	160 J:A	2800 :V
p-BROMODIPHENYL ETHER	< 370 :V	< 380 :V	< 340 :V	< 360 :V	< 360 :V	< 350 :V	< 350 :V	< 390 :V	< 360 :V	< 380 :V
Test Group:E_TPH8015A Units:mg/kg										
DIESEL FUEL	< 28 :Y	< 29 :Y	< 26 :Y	< 27 :Y	< 27 :Y	< 26 :Y	< 26 :Y	< 29 :Y	< 27 :Y	< 29 :Y
Test Group:METADD Units:mg/kg										
CESIUM	4.1 B:V	4.5 B:V	< 2.5 :V	< 6 :J	< 6 :J	5.8 B:V	< 2.5 :V	< 4.3 :J	< 4.2 :J	< 2.8 :V
LITHIUM	7.6 B:V	5.5 B:V	3.2 B:V	7.7 B:V	6.9 B:V	< 1.7 :J	2.3 B:V	7.5 B:V	5.7 B:V	7.4 B:V
MOLYBDENUM	< .81 :J	< 1.1 :J	< .85 :J	< .48 :V	< .49 :J	< .58 :J	< .47 :V	< .51 :V	< .51 :V	< .91 :J
STRONTIUM	21.4 B:V	23.5 B:V	15.9 B:V	8.8 B:V	12 B:V	6.7 B:V	7.1 B:V	28.6 B:V	6.3 B:V	25.9 B:V
TIN	< 2.1 :V	< 2.2 :V	< 1.9 :V	< 2 :V	< 2 :V	< 1.9 :V	< 1.9 :V	< 2.1 :V	< 2.1 :V	< 2.1 :V
Test Group:SMETCLP Units:mg/kg										
ALUMINUM	8590 :V	6330 :V	3690 :V	6140 :V	5380 :V	1450 :V	1900 :V	8890 :V	4490 :V	9210 :V
ANTIMONY	< 3.2 :J	< 4.4 :J	< 3.6 :J	< 2.2 :J	< 2.2 :J	< 2.2 :J	< 3.4 :J	< 2.4 :J	< 2.4 :J	< 2.4 :J
ARSENIC	4.1 :V	3.2 :V	2.4 :V	1 B:V	1.5 B:V	1.3 B:J	1.1 B:J	5.1 :V	1.1 B:V	5.9 :V
BARIUM	84 :V	77.4 :V	38 B:V	62.6 :V	56.7 :V	20.1 B:V	22.5 B:V	72.5 :V	45.8 :V	95.1 :V
BERYLLIUM	.57 B:V	.46 B:V	< .26 :J	.35 B:V	.44 B:V	< .17 :J	< .17 :J	1.1 B:V	.18 B:V	.83 B:V
CADMIUM	< .29 :V	< .31 :V	< .27 :V	< .28 :V	< .28 :V	< .27 :V	< .27 :V	< .51 :J	< .3 :V	.45 B:V
CALCIUM	4450 :V	6210 :V	4450 :V	4240 :V	4920 :V	1980 :V	1950 :V	5200 :V	1180 :V	11700 :V
CHROMIUM	10.9 :V	9.6 :V	5.4 :J	7.1 :V	8.8 :V	15 :V	17.8 :V	11.1 :V	7.7 :V	10.4 :V
COBALT	5.6 B:V	4.6 B:V	3.2 B:V	7.8 B:V	8.2 B:V	1.5 B:V	1.7 B:V	10.6 B:V	3.8 B:V	5.7 B:V
COPPER	15.7 :V	16.3 :V	15.4 :V	24.3 :V	18.8 :V	8 :V	9.3 :V	22.2 :V	10.3 :V	16.5 :V
IRON	13700 :V	10900 :V	7910 :V	15400 :V	14300 :V	4790 :V	5500 :V	12000 :V	7890 :V	13700 :V
LEAD	23.1 :V	18.6 :V	8.1 :V	6.2 :V	6.2 :V	52.1 :V	51.8 :V	14.2 :V	7.5 :V	20 :V
MAGNESIUM	2370 :V	2080 :V	1630 :V	3810 :V	3730 :V	628 B:V	759 B:V	1920 :V	1860 :V	2190 :V
MANGANESE	209 :V	201 :V	140 :V	324 :V	267 :V	68.4 :V	82.2 :V	227 :V	123 :V	230 :V
MERCURY	< .054 :V	.062 B:V	< .052 :V	< .09 :J	< .13 :J	< .052 :V	< .048 :V	< .19 :J	1.1 :J	< .052 :V

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TABLE E-31
Surface Soil Results
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Sample Location: Sample Identification Number: Date Sampled:	SS810693 SSG0100JE 2-Dec-94	SS810793 SSG0101JE 2-Dec-94	SS810893 SSG0102JE 2-Dec-94	SS810993 SSG0103JE 5-Dec-94	SS811093 SSG0104JE 5-Dec-94	SS811193 SSG0105JE 2-Dec-94	SS811193 SSG0148JE 2-Dec-94	SS811293 SSG0106JE 5-Dec-94	SS811393 SSG0107JE 5-Dec-94	SS811493 SSG0108JE 2-Dec-94
NICKEL	10.8 :V	8.7 B:V	4.6 B:V	4.9 B:V	7 B:V	3 B:V	4.2 B:V	12.7 :V	5.3 B:V	11.3 :V
POTASSIUM	1890 :V	1440 :V	1060 :V	2390 :V	2170 :V	481 B:V	577 B:V	1810 :V	1550 :V	2110 :V
SELENIUM	< .52 :J	< .56 :J	< .49 :J	< .5 :J	< .5 :J	< .48 :J	< .48 :J	< .53 :J	< .53 :J	< .54 :J
SILVER	21.1 :V	.97 B:J	1.1 B:J	< 1.5 :J	< 1.1 :J	1.1 B:J	.53 B:J	< 1.7 :J	< .66 :J	1.3 B:J
SODIUM	< 140 :J	< 151 :J	255 B:V	< 83.2 :J	166 B:V	< 93.3 :J	< 87.4 :J	160 B:V	110 B:V	< 133 :J
THALLIUM	< .35 :V	< .38 :V	< .33 :V	< .34 :V	< .34 :V	< .33 :V	< .33 :V	< .36 :V	< .36 :V	< .37 :V
VANADIUM	24.8 :V	18.4 :V	14.7 :V	20.4 :V	23.7 :V	6.7 B:V	9.1 B:V	25.9 :V	13.6 :V	28 :V
ZINC	217 :V	57.3 :V	39.1 :V	60.2 :V	40.9 :V	40.5 :V	43.1 :V	1130 :V	23.2 :V	51.5 :V
Test Group:TRADS Units:pCi/g										
AMERICIUM-241	.61(.081) :Y	.43(.051) :Y	.25(.029) :Y	.009(.005) J:V	.015(.006) J:V	.15(.028) :Y	.12(.02) :Y	.95(.054) :V	.017(.006) J:V	.98(.16) :Y
GROSS ALPHA	16(3.1) :Y	23(3.6) :Y	8.8(2.6) :Y	17(3.4) :A	17(3.4) :A	15(2.9) :Y	8.5(2.4) :Y	23(3.9) :A	20(3.5) :A	18(3.3) :Y
GROSS BETA	28(3.4) :Y	29(3.6) :Y	28(3.2) :Y	28(3.7) :A	36(3.6) :A	31(3.4) :Y	32(3.5) :Y	27(3.3) :A	39(3.8) :A	67(4.5) :Y
PLUTONIUM-239/240	.58(.035) :Y	.38(.029) :Y	.36(.031) :Y	.02(.008) BJ:V	.015(.006) BJ:V	.13(.015) :Y	.13(.015) :Y	.55(.04) B:V	.015(.007) BJ:V	1.9(.077) :Y
URANIUM-233,-234	.79(.074) B:Y	.79(.14) :Y	.45(.14) :Y	.69(.28) B:V	1(.33) B:V	.51(.16) :Y	.53(.16) :Y	.65(.25) B:V	.88(.26) B:V	.81(.21) :Y
URANIUM-235	.052(.022) J:Y	.042(.036) U:Y	.036(.048) U:Y	.081(.11) U:V	(.046) U:V	.064(.052) U:Y	(.024) U:Y	.1(.082) U:V	.037(.037) U:V	.067(.054) U:Y
URANIUM-238	.83(.077) :Y	.88(.14) :Y	.61(.17) :Y	.87(.29) :V	.99(.29) :V	.31(.13) :Y	.52(.15) :Y	.72(.25) :V	.6(.19) :V	.65(.19) :Y
Test Group:V_TPH8015A Units:µg/kg										
GASOLINE	< 560 :Y	< 570 :Y	< 520 :Y	< 540 :Y	< 540 :Y	< 530 :Y	< 530 :Y	< 580 :Y	< 540 :Y	< 570 :Y
Test Group:WQPL Units:µg/g										
NITRATE/NITRITE	26.3 :V	30.8 :V	49.7 :V	29.2 :V	30.2 :V	21.1 :V	30.3 :V	36.5 :V	22.3 :V	37.9 :V
pH Unit: pH	7.74 :V	8.47 :V	8.41 :V	8.56 :J	8.58 :J	8.16 :V	7.93 :V	8.29 :J	7.98 :J	8.49 :V

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TABLE E-32
Surface Soil Data Summary
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	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
Test Group:BNACLP Units:µg/kg							
1,2,4-TRICHLOROBENZENE	330	340	SS810893 (1)	390	SS811293 (1)		
1,2-DICHLOROBENZENE	330	340	SS810893 (1)	390	SS811293 (1)		
1,3-DICHLOROBENZENE	330	340	SS810893 (1)	390	SS811293 (1)		
1,4-DICHLOROBENZENE	330	340	SS810893 (1)	390	SS811293 (1)		
2,4,5-TRICHLOROPHENOL	1600	1700	SS810893 (5)	1900	SS811293 (1)		
2,4,6-TRICHLOROPHENOL	330	340	SS810893 (1)	390	SS811293 (1)		
2,4-DICHLOROPHENOL	330	340	SS810893 (1)	390	SS811293 (1)		
2,4-DIMETHYLPHENOL	330	340	SS810893 (1)	390	SS811293 (1)		
2,4-DINITROPHENOL	1600	1700	SS810893 (5)	1900	SS811293 (1)		
2,4-DINITROTOLUENE	330	340	SS810893 (1)	390	SS811293 (1)		
2,6-DINITROTOLUENE	330	340	SS810893 (1)	390	SS811293 (1)		
2-CHLORONAPHTHALENE	330	340	SS810893 (1)	390	SS811293 (1)		
2-CHLOROPHENOL	330	340	SS810893 (1)	390	SS811293 (1)		
2-METHYLNAPHTHALENE	330	340	SS810893 (1)	390	SS811293 (1)	78 J:A	SS811493 (1)
2-METHYLPHENOL	330	340	SS810893 (1)	390	SS811293 (1)		
2-NITROANILINE	1600	1700	SS810893 (5)	1900	SS811293 (1)		
2-NITROPHENOL	330	340	SS810893 (1)	390	SS811293 (1)		
3,3'-DICHLOROBENZIDINE	660	690	SS810893 (2)	770	SS811293 (1)		
3-NITROANILINE	1600	1700	SS810893 (5)	1900	SS811293 (1)		
4,6-DINITRO-2-METHYLPHENOL	1600	1700	SS810893 (5)	1900	SS811293 (1)		
4-CHLORO-3-METHYLPHENOL	330	340	SS810893 (1)	390	SS811293 (1)		
4-CHLOROANILINE	330	340	SS810893 (1)	390	SS811293 (1)		
4-CHLOROPHENYL PHENYL ETHER	330	340	SS810893 (1)	390	SS811293 (1)		
4-METHYLPHENOL	330	340	SS810893 (1)	390	SS811293 (1)		
4-NITROANILINE	1600	1700	SS810893 (5)	1900	SS811293 (1)		
4-NITROPHENOL	1600	1700	SS810893 (5)	1900	SS811293 (1)		
ACENAPHTHENE	330	340	SS810893 (1)	390	SS811293 (1)	69 J:A	SS811193 (1)
ACENAPHTHYLENE	330	340	SS810893 (1)	390	SS811293 (1)		
ANTHRACENE	330	340	SS810893 (1)	390	SS811293 (1)	40 J:A	SS811393 (1)
BENZO(a)ANTHRACENE	330	360	SS810993 (2)	390	SS811293 (1)	70 J:A	SS811393 (1)
BENZO(a)PYRENE	330	360	SS810993 (2)	390	SS811293 (1)	78 J:A	SS811393 (1)
BENZO(b)FLUORANTHENE	330	360	SS810993 (2)	390	SS811293 (1)	110 J:A	SS811393 (1)
BENZO(ghi)PERYLENE	330	360	SS810993 (3)	390	SS811293 (1)	130 J:A	SS810893 (1)
BENZO(k)FLUORANTHENE	330	360	SS810993 (2)	390	SS811293 (1)	42 J:A	SS811393 (1)
BENZOIC ACID	1600	1700	SS810893 (5)	1900	SS811293 (1)		
BENZYL ALCOHOL	330	340	SS810893 (1)	390	SS811293 (1)		
BIS(2-CHLOROETHOXY)METHANE	330	340	SS810893 (1)	390	SS811293 (1)		
BIS(2-CHLOROETHYL)ETHER	330	340	SS810893 (1)	390	SS811293 (1)		
BIS(2-CHLOROISOPROPYL)ETHER	330	340	SS810893 (1)	390	SS811293 (1)		

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TABLE E-32
Surface Soil Data Summary
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	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
BIS(2-ETHYLHEXYL)PHTHALATE	330	360	SS810993 (3)	390	SS811293 (1)	69 J:A	SS810893 (1)
BUTYL BENZYL PHTHALATE	330	340	SS810893 (1)	400	SS810993 (1)		
CHRYSENE	330	360	SS810993 (2)	360	SS810993 (2)	48 J:A	SS811293 (1)
DI-n-BUTYL PHTHALATE	330	340	SS810893 (1)	390	SS811293 (1)		
DI-n-OCTYL PHTHALATE	330	350	SS811193 (1)	390	SS811293 (1)	50 J:A	SS810793 (1)
DIBENZO(a,h)ANTHRACENE	330	360	SS810993 (3)	390	SS811293 (1)	38 J:A	SS810893 (1)
DIBENZOFURAN	330	340	SS810893 (1)	390	SS811293 (1)	61 J:A	SS810693 (1)
DIETHYL PHTHALATE	330	340	SS810893 (1)	390	SS811293 (1)		
DIMETHYL PHTHALATE	330	340	SS810893 (1)	390	SS811293 (1)		
FLUORANTHENE	330	360	SS810993 (2)	360	SS810993 (2)	78 J:A	SS811293 (1)
FLUORENE	330	340	SS810893 (1)	390	SS811293 (1)	72 J:A	SS811193 (1)
HEXACHLOROBENZENE	330	340	SS810893 (1)	390	SS811293 (1)		
HEXACHLOROBUTADIENE	330	340	SS810893 (1)	390	SS811293 (1)		
HEXACHLOROCYCLOPENTADIENE	330	340	SS810893 (1)	390	SS811293 (1)		
HEXACHLOROETHANE	330	340	SS810893 (1)	390	SS811293 (1)		
INDENO(1,2,3-cd)PYRENE	330	360	SS810993 (3)	390	SS811293 (1)	150 J:A	SS810893 (1)
ISOPHORONE	330	340	SS810893 (1)	390	SS811293 (1)		
N-NITROSO-DI-n-PROPYLAMINE	330	340	SS810893 (1)	390	SS811293 (1)		
N-NITROSODIPHENYLAMINE	330	340	SS810893 (1)	390	SS811293 (1)		
NAPHTHALENE	330	340	SS810893 (1)	390	SS811293 (1)	50 J:A	SS810693 (1)
NITROBENZENE	330	340	SS810893 (1)	390	SS811293 (1)		
PENTACHLOROPHENOL	1600	1700	SS810893 (5)	1900	SS811293 (1)		
PHENANTHRENE	330	360	SS810993 (2)	360	SS810993 (2)	61 J:A	SS811293 (1)
PHENOL	330	340	SS810893 (1)	390	SS811293 (1)		
PYRENE	330	360	SS811093 (1)	360	SS811093 (1)	44 J:A	SS810993 (1)
p-BROMODIPHENYL ETHER	330	340	SS810893 (1)	390	SS811293 (1)		
Test Group:E_TPH8015A Units:mg/kg							
DIESEL FUEL	25	26	SS810893 (2)	29	SS810793 (3)		
Test Group:METADD Units:mg/kg							
CESIUM	1000	2.5	SS810893 (1)	6	SS810993 (2)	4.1 B:V	SS810693 (1)
LITHIUM	100	**	**	**	**	2.3 B:V	SS811193 (1)
MOLYBDENUM	200	0.47	SS811193 (1)	1.1	SS810793 (1)		
STRONTIUM	200	**	**	**	**	6.3 B:V	SS811393 (1)
TIN	200	1.9	SS810893 (2)	2.2	SS810793 (1)		
Test Group:SMETCLP Units:mg/kg							
ALUMINUM	200	**	**	**	**	1900 :V	SS811193 (1)
ANTIMONY	60	2.2	SS810993 (3)	4.4	SS810793 (1)		
ARSENIC	10	**	**	**	**	1 B:V	SS810993 (1)
BARIUM	200	**	**	**	**	22.5 B:V	SS811193 (1)
BERYLLIUM	5	0.17	SS811193 (1)	0.26	SS810893 (1)	.18 B:V	SS811393 (1)

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TABLE E-32
Surface Soil Data Summary
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	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
CADMIUM	5	0.27	SS810893 (2)	0.51	SS811293 (1)	.45 B:V	SS811493 (1)
CALCIUM	5000	**	**	**	**	1180 :V	SS811393 (1)
CHROMIUM	10	**	**	**	**	5.4 :J	SS810893 (1)
COBALT	50	**	**	**	**	1.7 B:V	SS811193 (1)
COPPER	25	**	**	**	**	9.3 :V	SS811193 (1)
IRON	100	**	**	**	**	5500 :V	SS811193 (1)
LEAD	3	**	**	**	**	6.2 :V	SS810993 (2)
MAGNESIUM	5000	**	**	**	**	759 B:V	SS811193 (1)
MANGANESE	15	**	**	**	**	82.2 :V	SS811193 (1)
MERCURY	0.2	0.05	SS811193 (1)	0.19	SS811293 (1)	.062 B:V	SS810793 (1)
NICKEL	40	**	**	**	**	4.2 B:V	SS811193 (1)
POTASSIUM	5000	**	**	**	**	577 B:V	SS811193 (1)
SELENIUM	5	0.48	SS811193 (1)	0.56	SS810793 (1)		
SILVER	10	0.66	SS811393 (1)	1.7	SS811293 (1)	.97 B:J	SS810793 (1)
SODIUM	5000	83.2	SS810993 (1)	151	SS810793 (1)	110 B:V	SS811393 (1)
THALLIUM	10	0.33	SS810893 (2)	0.38	SS810793 (1)		
VANADIUM	50	**	**	**	**	9.1 B:V	SS811193 (1)
ZINC	20	**	**	**	**	23.2 :V	SS811393 (1)
Test Group:TRADS Units:pCi/g							
AMERICIUM-241	0.06	**	**	**	**	.009(.005) J:V	SS810993 (1)
GROSS ALPHA	2	**	**	**	**	8.5(2.4) :Y	SS811193 (1)
GROSS BETA	4	**	**	**	**	27(3.3) :A	SS811293 (1)
PLUTONIUM-239/240	0.007	**	**	**	**	.015(.006) BJ:V	SS811093 (2)
URANIUM-233,-234	0.1	**	**	**	**	.45(.14) :Y	SS810893 (1)
URANIUM-235	0.1	**	**	**	**	(.046) U:V:Y	SS811093 (2)
URANIUM-238	0.1	**	**	**	**	.31(.13) :Y	SS811193 (1)
Test Group:V_TPH8015A Units:µg/kg							
GASOLINE	100	520	SS810893 (1)	580	SS811293 (1)		
Test Group:WQPL Units:µg/g							
NITRATE/NITRITE	0.5	**	**	**	**	22.3 :V	SS811393 (1)
pH **Unit: pH**	0.01	**	**	**	**	7.74 :V	SS810693 (1)

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TABLE E-32
Surface Soil Data Summary
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	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:BNACLP Units:µg/kg					
1,2,4-TRICHLOROBENZENE			0	9	0
1,2-DICHLOROBENZENE			0	9	0
1,3-DICHLOROBENZENE			0	9	0
1,4-DICHLOROBENZENE			0	9	0
2,4,5-TRICHLOROPHENOL			0	9	0
2,4,6-TRICHLOROPHENOL			0	9	0
2,4-DICHLOROPHENOL			0	9	0
2,4-DIMETHYLPHENOL			0	9	0
2,4-DINITROPHENOL			0	9	0
2,4-DINITROTOLUENE			0	9	0
2,6-DINITROTOLUENE			0	9	0
2-CHLORONAPHTHALENE			0	9	0
2-CHLOROPHENOL			0	9	0
2-METHYLNAPHTHALENE	78 J:A	SS811493 (1)	1	9	170.3333
2-METHYLPHENOL			0	9	0
2-NITROANILINE			0	9	0
2-NITROPHENOL			0	9	0
3,3'-DICHLOROBENZIDINE			0	9	0
3-NITROANILINE			0	9	0
4,6-DINITRO-2-METHYLPHENOL			0	9	0
4-CHLORO-3-METHYLPHENOL			0	9	0
4-CHLOROANILINE			0	9	0
4-CHLOROPHENYL PHENYL ETHER			0	9	0
4-METHYLPHENOL			0	9	0
4-NITROANILINE			0	9	0
4-NITROPHENOL			0	9	0
ACENAPHTHENE	450 :V	SS811493 (1)	4	9	192.6667
ACENAPHTHYLENE			0	9	0
ANTHRACENE	570 :V	SS811493 (1)	5	9	225
BENZO(a)ANTHRACENE	1100 :V	SS811493 (1)	6	9	419.4445
BENZO(a)PYRENE	1700 :V	SS811493 (1)	6	9	517
BENZO(b)FLUORANTHENE	2400 :V	SS811493 (1)	6	9	692.7778
BENZO(ghi)PERYLENE	680 :V	SS811493 (1)	5	9	261.6667
BENZO(k)FLUORANTHENE	780 :V	SS811493 (1)	6	9	267.4445
BENZOIC ACID			0	9	0
BENZYL ALCOHOL			0	9	0
BIS(2-CHLOROETHOXY)METHANE			0	9	0
BIS(2-CHLOROETHYL)ETHER			0	9	0
BIS(2-CHLOROISOPROPYL)ETHER			0	9	0

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TABLE E-32
Surface Soil Data Summary
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	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
BIS(2-ETHYLHEXYL)PHTHALATE	450 :J	SS811193 (1)	5	9	177
BUTYL BENZYL PHTHALATE			0	9	0
CHRYSENE	1300 :V	SS811493 (1)	7	9	484.3333
DI-n-BUTYL PHTHALATE			0	9	0
DI-n-OCTYL PHTHALATE	59 J:A	SS810893 (1)	3	9	140
DIBENZO(a,h)ANTHRACENE	210 J:A	SS811493 (1)	5	9	137.8889
DIBENZOFURAN	180 J:A	SS811493 (1)	2	9	167.8889
DIETHYL PHTHALATE			0	9	0
DIMETHYL PHTHALATE			0	9	0
FLUORANTHENE	2900 :V	SS811493 (1)	7	9	932
FLUORENE	380 :V	SS811493 (1)	4	9	179.6667
HEXACHLOROBENZENE			0	9	0
HEXACHLOROBUTADIENE			0	9	0
HEXACHLOROCYCLOPENTADIENE			0	9	0
HEXACHLOROETHANE			0	9	0
INDENO(1,2,3-cd)PYRENE	820 :V	SS811493 (1)	5	9	295
ISOPHORONE			0	9	0
N-NITROSO-DI-n-PROPYLAMINE			0	9	0
N-NITROSODIPHENYLAMINE			0	9	0
NAPHTHALENE	190 J:A	SS811493 (1)	2	9	167.7778
NITROBENZENE			0	9	0
PENTACHLOROPHENOL			0	9	0
PHENANTHRENE	2700 :V	SS811493 (1)	7	9	729
PHENOL			0	9	0
PYRENE	2800 :V	SS811493 (1)	8	9	891.4445
p-BROMODIPHENYL ETHER			0	9	0
Test Group:E_TPH8015A Units:mg/kg					
DIESEL FUEL			0	9	0
Test Group:METADD Units:mg/kg					
CESIUM	5.8 B:V	SS811193 (1)	3	9	3.0333
LITHIUM	7.7 B:V	SS810993 (1)	9	9	5.9778
MOLYBDENUM			0	9	0
STRONTIUM	28.6 B:V	SS811293 (1)	9	9	16.6111
TIN			0	9	0
Test Group:SMETCLP Units:mg/kg					
ALUMINUM	9210 :V	SS811493 (1)	9	9	6068.889
ANTIMONY			0	9	0
ARSENIC	5.9 :V	SS811493 (1)	9	9	2.8444
BARIUM	95.1 :V	SS811493 (1)	9	9	61.6222
BERYLLIUM	1.1 B:V	SS811293 (1)	7	9	0.4606

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TABLE E-32
Surface Soil Data Summary
OU8 - IHSS 163.1
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
CADMIUM	.45 B:V	SS811493 (1)	1	9	0.1894
CALCIUM	11700 :V	SS811493 (1)	9	9	4925.556
CHROMIUM	17.8 :V	SS811193 (1)	9	9	9.8667
COBALT	10.6 B:V	SS811293 (1)	9	9	5.6889
COPPER	24.3 :V	SS810993 (1)	9	9	16.5333
IRON	15400 :V	SS810993 (1)	9	9	11255.56
LEAD	52.1 :V	SS811193 (1)	9	9	17.3333
MAGNESIUM	3810 :V	SS810993 (1)	9	9	2261
MANGANESE	324 :V	SS810993 (1)	9	9	200.3555
MERCURY	1.1 :J	SS811393 (1)	2	9	0.1633
NICKEL	12.7 :V	SS811293 (1)	9	9	7.7222
POTASSIUM	2390 :V	SS810993 (1)	9	9	1666.333
SELENIUM			0	9	0
SILVER	21.1 :V	SS810693 (1)	5	9	3.1167
SODIUM	255 B:V	SS810893 (1)	4	9	109.8111
THALLIUM			0	9	0
VANADIUM	28 :V	SS811493 (1)	9	9	19.8444
ZINC	1130 :V	SS811293 (1)	9	9	184.7
Test Group:TRADS Units:pCi/g					
AMERICIUM-241	.98(.16) :Y	SS811493 (1)	10	10	0.3531
GROSS ALPHA	23(3.6) :Y	SS810793 (2)	10	10	16.63
GROSS BETA	67(4.5) :Y	SS811493 (1)	10	10	34.5
PLUTONIUM-239/240	1.9(.077) :Y	SS811493 (1)	10	10	0.408
URANIUM-233,-234	1(.33) B:V:Y	SS811093 (1)	10	10	0.71
URANIUM-235	.1(.082) U:V	SS811293 (1)	10	10	0.0479
URANIUM-238	.99(.29) :V	SS811093 (1)	10	10	0.698
Test Group:V_TPH8015A Units:µg/kg					
GASOLINE			0	9	0
Test Group:WQPL Units:µg/g					
NITRATE/NITRITE	49.7 :V	SS810893 (1)	9	9	32.5778
pH **Unit: pH**	8.58 :J	SS811093 (1)	9	9	8.2978

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TABLE E-33
Surface Soil Results
OU8 - IHSS 172
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS811593 SSG0109JE 13-Dec-94
Test Group:BNACLP Units:µg/kg	
1,2,4-TRICHLOROBENZENE	< 380 :V
1,2-DICHLOROBENZENE	< 380 :V
1,3-DICHLOROBENZENE	< 380 :V
1,4-DICHLOROBENZENE	< 380 :V
2,4,5-TRICHLOROPHENOL	< 1800 :V
2,4,6-TRICHLOROPHENOL	< 380 :V
2,4-DICHLOROPHENOL	< 380 :V
2,4-DIMETHYLPHENOL	< 380 :V
2,4-DINITROPHENOL	< 1800 :V
2,4-DINITROTOLUENE	< 380 :V
2,6-DINITROTOLUENE	< 380 :V
2-CHLORONAPHTHALENE	< 380 :V
2-CHLOROPHENOL	< 380 :V
2-METHYLNAPHTHALENE	< 380 :V
2-METHYLPHENOL	< 380 :V
2-NITROANILINE	< 1800 :V
2-NITROPHENOL	< 380 :V
3,3'-DICHLOROBENZIDINE	< 760 :V
3-NITROANILINE	< 1800 :V
4,6-DINITRO-2-METHYLPHENOL	< 1800 :V
4-CHLORO-3-METHYLPHENOL	< 380 :V
4-CHLOROANILINE	< 380 :V
4-CHLOROPHENYL PHENYL ETHER	< 380 :V
4-METHYLPHENOL	< 380 :V
4-NITROANILINE	< 1800 :V
4-NITROPHENOL	< 1800 :V
ACENAPHTHENE	< 380 :V
ACENAPHTHYLENE	< 380 :V
ANTHRACENE	< 380 :V
BENZO(a)ANTHRACENE	62 J:A
BENZO(a)PYRENE	66 J:A
BENZO(b)FLUORANTHENE	83 J:A
BENZO(ghi)PERYLENE	< 380 :V
BENZO(k)FLUORANTHENE	< 380 :V
BENZOIC ACID	< 1800 :V

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TABLE E-33
Surface Soil Results
OU8 - IHSS 172
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS811593 SSG0109JE 13-Dec-94
BENZYL ALCOHOL	< 380 :V
BIS(2-CHLOROETHOXY)METHANE	< 380 :V
BIS(2-CHLOROETHYL)ETHER	< 380 :V
BIS(2-CHLOROISOPROPYL)ETHER	< 380 :V
BIS(2-ETHYLHEXYL)PHTHALATE	67 J:A
BUTYL BENZYL PHTHALATE	< 380 :J
CHRYSENE	72 J:A
DI-n-BUTYL PHTHALATE	< 380 :V
DI-n-OCTYL PHTHALATE	< 380 :V
DIBENZO(a,h)ANTHRACENE	< 380 :V
DIBENZOFURAN	< 380 :V
DIETHYL PHTHALATE	< 380 :V
DIMETHYL PHTHALATE	< 380 :V
FLUORANTHENE	110 J:A
FLUORENE	< 380 :V
HEXACHLOROBENZENE	< 380 :V
HEXACHLOROBUTADIENE	< 380 :V
HEXACHLOROCYCLOPENTADIENE	< 380 :V
HEXACHLOROETHANE	< 380 :V
INDENO(1,2,3-cd)PYRENE	40 J:A
ISOPHORONE	< 380 :V
N-NITROSO-DI-n-PROPYLAMINE	< 380 :V
N-NITROSODIPHENYLAMINE	< 380 :V
NAPHTHALENE	< 380 :V
NITROBENZENE	< 380 :V
PENTACHLOROPHENOL	< 1800 :V
PHENANTHRENE	69 J:A
PHENOL	< 380 :V
PYRENE	120 J:A
p-BROMODIPHENYL ETHER	< 380 :V
Test Group:METADD Units:mg/kg	
CESIUM	< 16.1 :J
LITHIUM	6.5 B:V
MOLYBDENUM	< .55 :V
STRONTIUM	30.6 B:V
TIN	< 2.3 :V

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TABLE E-33
Surface Soil Results
OU8 - IHSS 172
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS811593 SSG0109JE 13-Dec-94
Test Group:SMETCLP Units:mg/kg	
ALUMINUM	7480 :V
ANTIMONY	< 2.6 :R
ARSENIC	5 :V
BARIUM	72 :V
BERYLLIUM	.44 B:V
CADMIUM	< .32 :V
CALCIUM	5790 :V
CHROMIUM	9.4 :V
COBALT	7 B:V
COPPER	19.3 :V
IRON	10500 :V
LEAD	9.9 :V
MAGNESIUM	2160 :V
MANGANESE	156 :V
MERCURY	< .051 :V
NICKEL	7.6 B:V
POTASSIUM	1440 :V
SELENIUM	< .58 :V
SILVER	< .55 :V
SODIUM	167 B:V
THALLIUM	< .39 :V
VANADIUM	18.9 :V
ZINC	41 :V
Test Group:TRADS Units:pCi/g	
AMERICIUM-241	.046(.011) :V
GROSS ALpHA	8(2.1) :A
GROSS BETA	18(2.9) :A
PLUTONIUM-239/240	.088(.012) :V
URANIUM-233,-234	.61(.14) :V
URANIUM-235	.046(.046) U:V
URANIUM-238	.5(.12) :V
Test Group:WQPL Units:pH	
pH	8.67 :V

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TABLE E-34
Surface Soil Data Summary
OU8 - IHSS 172
Rocky Flats Environmental Technology Site

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	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
Test Group:BNACLP Units:µg/kg							
1,2,4-TRICHLOROBENZENE	330	380	SS811593 (1)	380	SS811593 (1)		
1,2-DICHLOROBENZENE	330	380	SS811593 (1)	380	SS811593 (1)		
1,3-DICHLOROBENZENE	330	380	SS811593 (1)	380	SS811593 (1)		
1,4-DICHLOROBENZENE	330	380	SS811593 (1)	380	SS811593 (1)		
2,4,5-TRICHLOROPHENOL	1600	1800	SS811593 (1)	1800	SS811593 (1)		
2,4,6-TRICHLOROPHENOL	330	380	SS811593 (1)	380	SS811593 (1)		
2,4-DICHLOROPHENOL	330	380	SS811593 (1)	380	SS811593 (1)		
2,4-DIMETHYLPHENOL	330	380	SS811593 (1)	380	SS811593 (1)		
2,4-DINITROPHENOL	1600	1800	SS811593 (1)	1800	SS811593 (1)		
2,4-DINITROTOLUENE	330	380	SS811593 (1)	380	SS811593 (1)		
2,6-DINITROTOLUENE	330	380	SS811593 (1)	380	SS811593 (1)		
2-CHLORONAPHTHALENE	330	380	SS811593 (1)	380	SS811593 (1)		
2-CHLOROPHENOL	330	380	SS811593 (1)	380	SS811593 (1)		
2-METHYLNAPHTHALENE	330	380	SS811593 (1)	380	SS811593 (1)		
2-METHYLPHENOL	330	380	SS811593 (1)	380	SS811593 (1)		
2-NITROANILINE	1600	1800	SS811593 (1)	1800	SS811593 (1)		
2-NITROPHENOL	330	380	SS811593 (1)	380	SS811593 (1)		
3,3'-DICHLOROBENZIDINE	660	760	SS811593 (1)	760	SS811593 (1)		
3-NITROANILINE	1600	1800	SS811593 (1)	1800	SS811593 (1)		
4,6-DINITRO-2-METHYLPHENOL	1600	1800	SS811593 (1)	1800	SS811593 (1)		
4-CHLORO-3-METHYLPHENOL	330	380	SS811593 (1)	380	SS811593 (1)		
4-CHLOROANILINE	330	380	SS811593 (1)	380	SS811593 (1)		
4-CHLOROPHENYL PHENYL ETHER	330	380	SS811593 (1)	380	SS811593 (1)		
4-METHYLPHENOL	330	380	SS811593 (1)	380	SS811593 (1)		
4-NITROANILINE	1600	1800	SS811593 (1)	1800	SS811593 (1)		
4-NITROPHENOL	1600	1800	SS811593 (1)	1800	SS811593 (1)		
ACENAPHTHENE	330	380	SS811593 (1)	380	SS811593 (1)		
ACENAPHTHYLENE	330	380	SS811593 (1)	380	SS811593 (1)		
ANTHRACENE	330	380	SS811593 (1)	380	SS811593 (1)		
BENZO(a)ANTHRACENE	330	**	**	**	**	62 J:A	SS811593 (1)
BENZO(a)PYRENE	330	**	**	**	**	66 J:A	SS811593 (1)
BENZO(b)FLUORANTHENE	330	**	**	**	**	83 J:A	SS811593 (1)
BENZO(ghi)PERYLENE	330	380	SS811593 (1)	380	SS811593 (1)		
BENZO(k)FLUORANTHENE	330	380	SS811593 (1)	380	SS811593 (1)		
BENZOIC ACID	1600	1800	SS811593 (1)	1800	SS811593 (1)		
BENZYL ALCOHOL	330	380	SS811593 (1)	380	SS811593 (1)		
BIS(2-CHLOROETHOXY)METHANE	330	380	SS811593 (1)	380	SS811593 (1)		
BIS(2-CHLOROETHYL)ETHER	330	380	SS811593 (1)	380	SS811593 (1)		
BIS(2-CHLOROISOPROPYL)ETHER	330	380	SS811593 (1)	380	SS811593 (1)		

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TABLE E-34
Surface Soil Data Summary
OU8 - IHSS 172
Rocky Flats Environmental Technology Site

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	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
BIS(2-ETHYLHEXYL)PHTHALATE	330	**	**	**	**	67 J:A	SS811593 (1)
BUTYL BENZYL PHTHALATE	330	380	SS811593 (1)	380	SS811593 (1)		
CHRYSENE	330	**	**	**	**	72 J:A	SS811593 (1)
DI-n-BUTYL PHTHALATE	330	380	SS811593 (1)	380	SS811593 (1)		
DI-n-OCTYL PHTHALATE	330	380	SS811593 (1)	380	SS811593 (1)		
DIBENZO(a,h)ANTHRACENE	330	380	SS811593 (1)	380	SS811593 (1)		
DIBENZOFURAN	330	380	SS811593 (1)	380	SS811593 (1)		
DIETHYL PHTHALATE	330	380	SS811593 (1)	380	SS811593 (1)		
DIMETHYL PHTHALATE	330	380	SS811593 (1)	380	SS811593 (1)		
FLUORANTHENE	330	**	**	**	**	110 J:A	SS811593 (1)
FLUORENE	330	380	SS811593 (1)	380	SS811593 (1)		
HEXACHLOROBENZENE	330	380	SS811593 (1)	380	SS811593 (1)		
HEXACHLOROBUTADIENE	330	380	SS811593 (1)	380	SS811593 (1)		
HEXACHLOROCYCLOPENTADIENE	330	380	SS811593 (1)	380	SS811593 (1)		
HEXACHLOROETHANE	330	380	SS811593 (1)	380	SS811593 (1)		
INDENO(1,2,3-cd)PYRENE	330	**	**	**	**	40 J:A	SS811593 (1)
ISOPHORONE	330	380	SS811593 (1)	380	SS811593 (1)		
N-NITROSO-DI-n-PROPYLAMINE	330	380	SS811593 (1)	380	SS811593 (1)		
N-NITROSODIPHENYLAMINE	330	380	SS811593 (1)	380	SS811593 (1)		
NAPHTHALENE	330	380	SS811593 (1)	380	SS811593 (1)		
NITROBENZENE	330	380	SS811593 (1)	380	SS811593 (1)		
PENTACHLOROPHENOL	1600	1800	SS811593 (1)	1800	SS811593 (1)		
PHENANTHRENE	330	**	**	**	**	69 J:A	SS811593 (1)
PHENOL	330	380	SS811593 (1)	380	SS811593 (1)		
PYRENE	330	**	**	**	**	120 J:A	SS811593 (1)
p-BROMODIPHENYL ETHER	330	380	SS811593 (1)	380	SS811593 (1)		
Test Group:METADD Units:mg/kg							
CESIUM	1000	16.1	SS811593 (1)	16.1	SS811593 (1)		
LITHIUM	100	**	**	**	**	6.5 B:V	SS811593 (1)
MOLYBDENUM	200	0.55	SS811593 (1)	0.55	SS811593 (1)		
STRONTIUM	200	**	**	**	**	30.6 B:V	SS811593 (1)
TIN	200	2.3	SS811593 (1)	2.3	SS811593 (1)		
Test Group:SMETCLP Units:mg/kg							
ALUMINUM	200	**	**	**	**	7480 :V	SS811593 (1)
ANTIMONY	60	**	**	**	**		
ARSENIC	10	**	**	**	**	5 :V	SS811593 (1)
BARIUM	200	**	**	**	**	72 :V	SS811593 (1)
BERYLLIUM	5	**	**	**	**	.44 B:V	SS811593 (1)
CADMIUM	5	0.32	SS811593 (1)	0.32	SS811593 (1)		
CALCIUM	5000	**	**	**	**	5790 :V	SS811593 (1)

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TABLE E-34
Surface Soil Data Summary
OU8 - IHSS 172
Rocky Flats Environmental Technology Site

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
CHROMIUM	10	**	**	**	**	9.4 :V	SS811593 (1)
COBALT	50	**	**	**	**	7 B:V	SS811593 (1)
COPPER	25	**	**	**	**	19.3 :V	SS811593 (1)
IRON	100	**	**	**	**	10500 :V	SS811593 (1)
LEAD	3	**	**	**	**	9.9 :V	SS811593 (1)
MAGNESIUM	5000	**	**	**	**	2160 :V	SS811593 (1)
MANGANESE	15	**	**	**	**	156 :V	SS811593 (1)
MERCURY	0.2	0.05	SS811593 (1)	0.05	SS811593 (1)		
NICKEL	40	**	**	**	**	7.6 B:V	SS811593 (1)
POTASSIUM	5000	**	**	**	**	1440 :V	SS811593 (1)
SELENIUM	5	0.58	SS811593 (1)	0.58	SS811593 (1)		
SILVER	10	0.55	SS811593 (1)	0.55	SS811593 (1)		
SODIUM	5000	**	**	**	**	167 B:V	SS811593 (1)
THALLIUM	10	0.39	SS811593 (1)	0.39	SS811593 (1)		
VANADIUM	50	**	**	**	**	18.9 :V	SS811593 (1)
ZINC	20	**	**	**	**	41 :V	SS811593 (1)
Test Group:TRADS Units:pCi/g							
AMERICIUM-241	0.006	**	**	**	**	.046(.011) :V	SS811593 (1)
GROSS ALPHA	2	**	**	**	**	8(2.1) :A	SS811593 (1)
GROSS BETA	4	**	**	**	**	18(2.9) :A	SS811593 (1)
PLUTONIUM-239/240	0.004	**	**	**	**	.088(.012) :V	SS811593 (1)
URANIUM-233,-234	0.08	**	**	**	**	.61(.14) :V	SS811593 (1)
URANIUM-235	0.06	**	**	**	**	.046(.046) U:V	SS811593 (1)
URANIUM-238	0.06	**	**	**	**	.5(.12) :V	SS811593 (1)
Test Group:WQPL Units:pH							
pH	0	**	**	**	**	8.67 :V	SS811593 (1)

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TABLE E-34
Surface Soil Data Summary
OU8 - IHSS 172
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:BNACLP Units:µg/kg					
1,2,4-TRICHLOROBENZENE			0	1	0
1,2-DICHLOROBENZENE			0	1	0
1,3-DICHLOROBENZENE			0	1	0
1,4-DICHLOROBENZENE			0	1	0
2,4,5-TRICHLOROPHENOL			0	1	0
2,4,6-TRICHLOROPHENOL			0	1	0
2,4-DICHLOROPHENOL			0	1	0
2,4-DIMETHYLPHENOL			0	1	0
2,4-DINITROPHENOL			0	1	0
2,4-DINITROTOLUENE			0	1	0
2,6-DINITROTOLUENE			0	1	0
2-CHLORONAPHTHALENE			0	1	0
2-CHLOROPHENOL			0	1	0
2-METHYLNAPHTHALENE			0	1	0
2-METHYLPHENOL			0	1	0
2-NITROANILINE			0	1	0
2-NITROPHENOL			0	1	0
3,3'-DICHLOROBENZIDINE			0	1	0
3-NITROANILINE			0	1	0
4,6-DINITRO-2-METHYLPHENOL			0	1	0
4-CHLORO-3-METHYLPHENOL			0	1	0
4-CHLOROANILINE			0	1	0
4-CHLOROPHENYL PHENYL ETHER			0	1	0
4-METHYLPHENOL			0	1	0
4-NITROANILINE			0	1	0
4-NITROPHENOL			0	1	0
ACENAPHTHENE			0	1	0
ACENAPHTHYLENE			0	1	0
ANTHRACENE			0	1	0
BENZO(a)ANTHRACENE	62 J:A	SS811593 (1)	1	1	62
BENZO(a)PYRENE	66 J:A	SS811593 (1)	1	1	66
BENZO(b)FLUORANTHENE	83 J:A	SS811593 (1)	1	1	83
BENZO(ghi)PERYLENE			0	1	0
BENZO(k)FLUORANTHENE			0	1	0
BENZOIC ACID			0	1	0
BENZYL ALCOHOL			0	1	0
BIS(2-CHLOROETHOXY)METHANE			0	1	0
BIS(2-CHLOROETHYL)ETHER			0	1	0
BIS(2-CHLOROISOPROPYL)ETHER			0	1	0

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TABLE E-34
Surface Soil Data Summary
OU8 - IHSS 172
Rocky Flats Environmental Technology Site

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	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
BIS(2-ETHYLHEXYL)PHTHALATE	67 J:A	SS811593 (1)	1	1	67
BUTYL BENZYL PHTHALATE			0	1	0
CHRYSENE	72 J:A	SS811593 (1)	1	1	72
DI-n-BUTYL PHTHALATE			0	1	0
DI-n-OCTYL PHTHALATE			0	1	0
DIBENZO(a,h)ANTHRACENE			0	1	0
DIBENZOFURAN			0	1	0
DIETHYL PHTHALATE			0	1	0
DIMETHYL PHTHALATE			0	1	0
FLUORANTHENE	110 J:A	SS811593 (1)	1	1	110
FLUORENE			0	1	0
HEXACHLOROBENZENE			0	1	0
HEXACHLOROBUTADIENE			0	1	0
HEXACHLOROCYCLOPENTADIENE			0	1	0
HEXACHLOROETHANE			0	1	0
INDENO(1,2,3-cd)PYRENE	40 J:A	SS811593 (1)	1	1	40
ISOPHORONE			0	1	0
N-NITROSO-DI-n-PROPYLAMINE			0	1	0
N-NITROSODIPHENYLAMINE			0	1	0
NAPHTHALENE			0	1	0
NITROBENZENE			0	1	0
PENTACHLOROPHENOL			0	1	0
PHENANTHRENE	69 J:A	SS811593 (1)	1	1	69
PHENOL			0	1	0
PYRENE	120 J:A	SS811593 (1)	1	1	120
p-BROMODIPHENYL ETHER			0	1	0
Test Group:METADD Units:mg/kg					
CESIUM			0	1	0
LITHIUM	6.5 B:V	SS811593 (1)	1	1	6.5
MOLYBDENUM			0	1	0
STRONTIUM	30.6 B:V	SS811593 (1)	1	1	30.6
TIN			0	1	0
Test Group:SMETCLP Units:mg/kg					
ALUMINUM	7480 :V	SS811593 (1)	1	1	7480
ANTIMONY			0	0	0
ARSENIC	5 :V	SS811593 (1)	1	1	5
BARIUM	72 :V	SS811593 (1)	1	1	72
BERYLLIUM	.44 B:V	SS811593 (1)	1	1	0.44
CADMIUM			0	1	0
CALCIUM	5790 :V	SS811593 (1)	1	1	5790

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TABLE E-34
Surface Soil Data Summary
OU8 - IHSS 172
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
CHROMIUM	9.4 :V	SS811593 (1)	1	1	9.4
COBALT	7 B:V	SS811593 (1)	1	1	7
COPPER	19.3 :V	SS811593 (1)	1	1	19.3
IRON	10500 :V	SS811593 (1)	1	1	10500
LEAD	9.9 :V	SS811593 (1)	1	1	9.9
MAGNESIUM	2160 :V	SS811593 (1)	1	1	2160
MANGANESE	156 :V	SS811593 (1)	1	1	156
MERCURY			0	1	0
NICKEL	7.6 B:V	SS811593 (1)	1	1	7.6
POTASSIUM	1440 :V	SS811593 (1)	1	1	1440
SELENIUM			0	1	0
SILVER			0	1	0
SODIUM	167 B:V	SS811593 (1)	1	1	167
THALLIUM			0	1	0
VANADIUM	18.9 :V	SS811593 (1)	1	1	18.9
ZINC	41 :V	SS811593 (1)	1	1	41
Test Group:TRADS Units:pCi/g					
AMERICIUM-241	.046(.011) :V	SS811593 (1)	1	1	0.046
GROSS ALPHA	8(2.1) :A	SS811593 (1)	1	1	8
GROSS BETA	18(2.9) :A	SS811593 (1)	1	1	18
PLUTONIUM-239/240	.088(.012) :V	SS811593 (1)	1	1	0.088
URANIUM-233,-234	.61(.14) :V	SS811593 (1)	1	1	0.61
URANIUM-235	.046(.046) U:V	SS811593 (1)	1	1	0.046
URANIUM-238	.5(.12) :V	SS811593 (1)	1	1	0.5
Test Group:WQPL Units:pH					
pH	8.67 :V	SS811593 (1)	1	1	8.67

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TABLE E-35
Surface Soil Results
OU8 - IHSS 173
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS811893 SSG0110JE 6-Dec-94	SS811993 SSG0111JE 6-Dec-94	SS812093 SSG0112JE 20-Dec-94
Test Group:BNACLP Units:µg/kg			
1,2,4-TRICHLOROBENZENE	< 360 :V	< 360 :V	< 350 :V
1,2-DICHLOROBENZENE	< 360 :V	< 360 :V	< 350 :V
1,3-DICHLOROBENZENE	< 360 :V	< 360 :V	< 350 :V
1,4-DICHLOROBENZENE	< 360 :V	< 360 :V	< 350 :V
2,4,5-TRICHLOROPHENOL	< 1700 :V	< 1700 :V	< 1700 :V
2,4,6-TRICHLOROPHENOL	< 360 :V	< 360 :V	< 350 :V
2,4-DICHLOROPHENOL	< 360 :V	< 360 :V	< 350 :V
2,4-DIMETHYLPHENOL	< 360 :V	< 360 :V	< 350 :V
2,4-DINITROPHENOL	< 1700 :V	< 1700 :V	< 1700 :V
2,4-DINITROTOLUENE	< 360 :V	< 360 :V	< 350 :V
2,6-DINITROTOLUENE	< 360 :V	< 360 :V	< 350 :V
2-CHLORONAPHTHALENE	< 360 :V	< 360 :V	< 350 :V
2-CHLOROPHENOL	< 360 :V	< 360 :V	< 350 :V
2-METHYLNAPHTHALENE	< 360 :V	< 360 :V	< 350 :V
2-METHYLPHENOL	< 360 :V	< 360 :V	< 350 :V
2-NITROANILINE	< 1700 :V	< 1700 :V	< 1700 :V
2-NITROPHENOL	< 360 :V	< 360 :V	< 350 :V
3,3'-DICHLOROBENZIDINE	< 710 :V	< 720 :V	< 710 :V
3-NITROANILINE	< 1700 :V	< 1700 :V	< 1700 :R
4,6-DINITRO-2-METHYLPHENOL	< 1700 :V	< 1700 :V	< 1700 :V
4-CHLORO-3-METHYLPHENOL	< 360 :V	< 360 :V	< 350 :V
4-CHLOROANILINE	< 360 :V	< 360 :V	< 350 :V
4-CHLOROPHENYL PHENYL ETHER	< 360 :V	< 360 :V	< 350 :V
4-METHYLPHENOL	< 360 :V	< 360 :V	< 350 :V
4-NITROANILINE	< 1700 :V	< 1700 :V	< 1700 :V
4-NITROPHENOL	< 1700 :V	< 1700 :V	< 1700 :V
ACENAPHTHENE	< 360 :V	< 360 :V	< 350 :V
ACENAPHTHYLENE	< 360 :V	< 360 :V	< 350 :V
ANTHRACENE	< 360 :V	< 360 :V	< 350 :V
BENZO(a)ANTHRACENE	< 360 :V	< 360 :V	< 350 :V
BENZO(a)PYRENE	< 360 :V	< 360 :V	< 350 :V
BENZO(b)FLUORANTHENE	< 360 :V	< 360 :V	< 350 :V
BENZO(ghi)PERYLENE	< 360 :V	< 360 :V	< 350 :V
BENZO(k)FLUORANTHENE	< 360 :V	< 360 :V	< 350 :V

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TABLE E-35
Surface Soil Results
OU8 - IHSS 173
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS811893 SSG0110JE 6-Dec-94	SS811993 SSG0111JE 6-Dec-94	SS812093 SSG0112JE 20-Dec-94
BENZOIC ACID	< 1700 :V	< 1700 :V	< 1700 :V
BENZYL ALCOHOL	< 360 :V	< 360 :V	< 350 :V
BIS(2-CHLOROETHOXY)METHANE	< 360 :V	< 360 :V	< 350 :V
BIS(2-CHLOROETHYL)ETHER	< 360 :V	< 360 :V	< 350 :V
BIS(2-CHLOROISOPROPYL)ETHER	< 360 :V	< 360 :V	< 350 :V
BIS(2-ETHYLHEXYL)PHTHALATE	< 360 :V	52 J:A	< 350 :V
BUTYL BENZYL PHTHALATE	< 360 :J	< 360 :J	< 350 :J
CHRYSENE	< 360 :V	< 360 :V	< 350 :V
DI-n-BUTYL PHTHALATE	< 360 :V	< 360 :V	< 350 :V
DI-n-OCTYL PHTHALATE	< 360 :V	< 360 :V	96 J:A
DIBENZO(a,h)ANTHRACENE	< 360 :V	< 360 :V	< 350 :V
DIBENZOFURAN	< 360 :V	< 360 :V	< 350 :V
DIETHYL PHTHALATE	< 360 :V	< 360 :V	< 350 :V
DIMETHYL PHTHALATE	< 360 :V	< 360 :V	< 350 :V
FLUORANTHENE	< 360 :V	< 360 :V	< 350 :V
FLUORENE	< 360 :V	< 360 :V	< 350 :V
HEXACHLOROBENZENE	< 360 :V	< 360 :V	< 350 :V
HEXACHLOROBUTADIENE	< 360 :V	< 360 :V	< 350 :V
HEXACHLOROCYCLOPENTADIENE	< 360 :V	< 360 :V	< 350 :V
HEXACHLOROETHANE	< 360 :V	< 360 :V	< 350 :V
INDENO(1,2,3-cd)PYRENE	< 360 :V	< 360 :V	< 350 :V
ISOPHORONE	< 360 :V	< 360 :V	< 350 :V
N-NITROSO-DI-n-PROPYLAMINE	< 360 :V	< 360 :V	< 350 :V
N-NITROSODIPHENYLAMINE	< 360 :V	< 360 :V	< 350 :V
NAPHTHALENE	< 360 :V	< 360 :V	< 350 :V
NITROBENZENE	< 360 :V	< 360 :V	< 350 :V
PENTACHLOROPHENOL	< 1700 :V	< 1700 :V	< 1700 :V
PHENANTHRENE	< 360 :V	< 360 :V	< 350 :V
PHENOL	< 360 :V	< 360 :V	< 350 :V
PYRENE	< 360 :V	< 360 :V	< 350 :V
p-BROMODIPHENYL ETHER	< 360 :V	< 360 :V	< 350 :V
Test Group:METADD Units:mg/kg			
CESIUM	< 8 :J	< 8.6 :J	< 10.5 :J
LITHIUM	6.2 B:V	4.6 B:V	5.3 B:V
MOLYBDENUM	< .79 :J	< 1.2 :J	< 1 :J

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TABLE E-35
Surface Soil Results
OU8 - IHSS 173
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS811893 SSG0110JE 6-Dec-94	SS811993 SSG0111JE 6-Dec-94	SS812093 SSG0112JE 20-Dec-94
STRONTIUM	7 B:V	5.7 B:V	9.7 B:V
TIN	< 2 :V	< 2.1 :V	< 2.8 :V
Test Group:SMETCLP Units:mg/kg			
ALUMINUM	4540 :V	3170 :V	4770 :V
ANTIMONY	< 2.3 :J	< 2.4 :J	< 3.7 :J
ARSENIC	1.5 B:J	1.5 B:J	2.3 :J
BARIUM	44.6 :V	34.8 B:V	46.1 :V
BERYLLIUM	.16 B:V	.14 B:V	.19 B:V
CADMIUM	< .28 :V	< .3 :V	< .29 :V
CALCIUM	1090 I:J	964 IB:J	1130 I:J
CHROMIUM	6.4 :V	6 :J	7.3 :V
COBALT	8 B:V	5.5 B:V	6.3 B:V
COPPER	20 :J	14.3 :J	19.1 :V
IRON	7290 :V	5530 :V	7180 :V
LEAD	6 :J	6 :J	6.1 :J
MAGNESIUM	1990 :V	1380 :V	1650 :V
MANGANESE	133 :V	113 :V	113 :V
MERCURY	< .05 :V	< .05 :V	< .05 :V
NICKEL	4.7 B:V	5 B:V	5 B:V
POTASSIUM	1740 :V	1300 :V	1550 :V
SELENIUM	< .5 :V	< .53 :V	< .63 :V
SILVER	< 1.4 :J	< 1.1 :J	1.1 B:J
SODIUM	77.9 B:V	< 60.1 :J	< 91.2 :J
THALLIUM	< .34 :V	< .36 :V	< .38 :V
VANADIUM	11.2 :V	9.1 B:V	12.7 :V
ZINC	23.5 :V	16.9 :V	21.1 :V
Test Group:TRADS Units:pCi/g			
AMERICIUM-241	.003(.003) U:V	.007(.005) J:V	.002(.003) U:V
GROSS ALPHA	26(4) :A	21(3.7) :A	14(2.8) :A
GROSS BETA	40(3.7) :A	39(3.7) :A	32(3.7) :A
PLUTONIUM-239/240	.006(.006) U:V	.002(.002) U:V	.002(.002) U:V
URANIUM-233,-234	1.3(.32) B:V	1.1(.28) B:V	.83(.22) :V
URANIUM-235	.037(.038) U:V	.046(.061) U:V	.028(.028) U:V
URANIUM-238	1.1(.31) :V	.85(.22) :V	.73(.2) :V

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TABLE E-36
Surface Soil Data Summary
OU8 - IHSS 173
Rocky Flats Environmental Technology Site

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	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
Test Group:BNACLP Units:µg/kg							
1,2,4-TRICHLOROBENZENE	330	350	SS812093 (1)	360	SS811893 (2)		
1,2-DICHLOROBENZENE	330	350	SS812093 (1)	360	SS811893 (2)		
1,3-DICHLOROBENZENE	330	350	SS812093 (1)	360	SS811893 (2)		
1,4-DICHLOROBENZENE	330	350	SS812093 (1)	360	SS811893 (2)		
2,4,5-TRICHLOROPHENOL	1600	1700	SS811893 (3)	1700	SS811893 (3)		
2,4,6-TRICHLOROPHENOL	330	350	SS812093 (1)	360	SS811893 (2)		
2,4-DICHLOROPHENOL	330	350	SS812093 (1)	360	SS811893 (2)		
2,4-DIMETHYLPHENOL	330	350	SS812093 (1)	360	SS811893 (2)		
2,4-DINITROPHENOL	1600	1700	SS811893 (3)	1700	SS811893 (3)		
2,4-DINITROTOLUENE	330	350	SS812093 (1)	360	SS811893 (2)		
2,6-DINITROTOLUENE	330	350	SS812093 (1)	360	SS811893 (2)		
2-CHLORONAPHTHALENE	330	350	SS812093 (1)	360	SS811893 (2)		
2-CHLOROPHENOL	330	350	SS812093 (1)	360	SS811893 (2)		
2-METHYLNAPHTHALENE	330	350	SS812093 (1)	360	SS811893 (2)		
2-METHYLPHENOL	330	350	SS812093 (1)	360	SS811893 (2)		
2-NITROANILINE	1600	1700	SS811893 (3)	1700	SS811893 (3)		
2-NITROPHENOL	330	350	SS812093 (1)	360	SS811893 (2)		
3,3'-DICHLOROBENZIDINE	660	710	SS811893 (2)	720	SS811993 (1)		
3-NITROANILINE	1600	1700	SS811893 (2)	1700	SS811893 (2)		
4,6-DINITRO-2-METHYLPHENOL	1600	1700	SS811893 (3)	1700	SS811893 (3)		
4-CHLORO-3-METHYLPHENOL	330	350	SS812093 (1)	360	SS811893 (2)		
4-CHLOROANILINE	330	350	SS812093 (1)	360	SS811893 (2)		
4-CHLOROPHENYL PHENYL ETHER	330	350	SS812093 (1)	360	SS811893 (2)		
4-METHYLPHENOL	330	350	SS812093 (1)	360	SS811893 (2)		
4-NITROANILINE	1600	1700	SS811893 (3)	1700	SS811893 (3)		
4-NITROPHENOL	1600	1700	SS811893 (3)	1700	SS811893 (3)		
ACENAPHTHENE	330	350	SS812093 (1)	360	SS811893 (2)		
ACENAPHTHYLENE	330	350	SS812093 (1)	360	SS811893 (2)		
ANTHRACENE	330	350	SS812093 (1)	360	SS811893 (2)		
BENZO(a)ANTHRACENE	330	350	SS812093 (1)	360	SS811893 (2)		
BENZO(a)PYRENE	330	350	SS812093 (1)	360	SS811893 (2)		
BENZO(b)FLUORANTHENE	330	350	SS812093 (1)	360	SS811893 (2)		
BENZO(ghi)PERYLENE	330	350	SS812093 (1)	360	SS811893 (2)		
BENZO(k)FLUORANTHENE	330	350	SS812093 (1)	360	SS811893 (2)		
BENZOIC ACID	1600	1700	SS811893 (3)	1700	SS811893 (3)		
BENZYL ALCOHOL	330	350	SS812093 (1)	360	SS811893 (2)		
BIS(2-CHLOROETHOXY)METHANE	330	350	SS812093 (1)	360	SS811893 (2)		

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TABLE E-36
Surface Soil Data Summary
OU8 - IHSS 173
Rocky Flats Environmental Technology Site

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	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
BIS(2-CHLOROETHYL)ETHER	330	350	SS812093 (1)	360	SS811893 (2)		
BIS(2-CHLOROISOPROPYL)ETHER	330	350	SS812093 (1)	360	SS811893 (2)		
BIS(2-ETHYLHEXYL)PHTHALATE	330	350	SS812093 (1)	360	SS811893 (1)	52 J:A	SS811993 (1)
BUTYL BENZYL PHTHALATE	330	350	SS812093 (1)	360	SS811893 (2)		
CHRYSENE	330	350	SS812093 (1)	360	SS811893 (2)		
DI-n-BUTYL PHTHALATE	330	350	SS812093 (1)	360	SS811893 (2)		
DI-n-OCTYL PHTHALATE	330	360	SS811893 (2)	360	SS811893 (2)	96 J:A	SS812093 (1)
DIBENZO(a,h)ANTHRACENE	330	350	SS812093 (1)	360	SS811893 (2)		
DIBENZOFURAN	330	350	SS812093 (1)	360	SS811893 (2)		
DIETHYL PHTHALATE	330	350	SS812093 (1)	360	SS811893 (2)		
DIMETHYL PHTHALATE	330	350	SS812093 (1)	360	SS811893 (2)		
FLUORANTHENE	330	350	SS812093 (1)	360	SS811893 (2)		
FLUORENE	330	350	SS812093 (1)	360	SS811893 (2)		
HEXACHLOROBENZENE	330	350	SS812093 (1)	360	SS811893 (2)		
HEXACHLOROBUTADIENE	330	350	SS812093 (1)	360	SS811893 (2)		
HEXACHLOROCYCLOPENTADIENE	330	350	SS812093 (1)	360	SS811893 (2)		
HEXACHLOROETHANE	330	350	SS812093 (1)	360	SS811893 (2)		
INDENO(1,2,3-cd)PYRENE	330	350	SS812093 (1)	360	SS811893 (2)		
ISOPHORONE	330	350	SS812093 (1)	360	SS811893 (2)		
N-NITROSO-DI-n-PROPYLAMINE	330	350	SS812093 (1)	360	SS811893 (2)		
N-NITROSODIPHENYLAMINE	330	350	SS812093 (1)	360	SS811893 (2)		
NAPHTHALENE	330	350	SS812093 (1)	360	SS811893 (2)		
NITROBENZENE	330	350	SS812093 (1)	360	SS811893 (2)		
PENTACHLOROPHENOL	1600	1700	SS811893 (3)	1700	SS811893 (3)		
PHENANTHRENE	330	350	SS812093 (1)	360	SS811893 (2)		
PHENOL	330	350	SS812093 (1)	360	SS811893 (2)		
PYRENE	330	350	SS812093 (1)	360	SS811893 (2)		
p-BROMODIPHENYL ETHER	330	350	SS812093 (1)	360	SS811893 (2)		
Test Group:METADD Units:mg/kg							
CESIUM	1000	8	SS811893 (1)	10.5	SS812093 (1)		
LITHIUM	100	**	**	**	**	4.6 B:V	SS811993 (1)
MOLYBDENUM	200	0.79	SS811893 (1)	1.2	SS811993 (1)		
STRONTIUM	200	**	**	**	**	5.7 B:V	SS811993 (1)
TIN	200	2	SS811893 (1)	2.8	SS812093 (1)		
Test Group:SMETCLP Units:mg/kg							
ALUMINUM	200	**	**	**	**	3170 :V	SS811993 (1)
ANTIMONY	60	2.3	SS811893 (1)	3.7	SS812093 (1)		
ARSENIC	10	**	**	**	**	1.5 B:J	SS811893 (2)

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TABLE E-36
Surface Soil Data Summary
OU8 - IHSS 173
Rocky Flats Environmental Technology Site

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
BARIUM	200	**	**	**	**	34.8 B:V	SS811993 (1)
BERYLLIUM	5	**	**	**	**	.14 B:V	SS811993 (1)
CADMIUM	5	0.28	SS811893 (1)	0.3	SS811993 (1)		
CALCIUM	5000	**	**	**	**	964 IB:J	SS811993 (1)
CHROMIUM	10	**	**	**	**	6 :J	SS811993 (1)
COBALT	50	**	**	**	**	5.5 B:V	SS811993 (1)
COPPER	25	**	**	**	**	14.3 :J	SS811993 (1)
IRON	100	**	**	**	**	5530 :V	SS811993 (1)
LEAD	3	**	**	**	**	6 :J	SS811893 (2)
MAGNESIUM	5000	**	**	**	**	1380 :V	SS811993 (1)
MANGANESE	15	**	**	**	**	113 :V	SS811993 (2)
MERCURY	0.2	0.05	SS811893 (3)	0.05	SS811893 (3)		
NICKEL	40	**	**	**	**	4.7 B:V	SS811893 (1)
POTASSIUM	5000	**	**	**	**	1300 :V	SS811993 (1)
SELENIUM	5	0.5	SS811893 (1)	0.63	SS812093 (1)		
SILVER	10	1.1	SS811993 (1)	1.4	SS811893 (1)	1.1 B:J	SS812093 (1)
SODIUM	5000	60.1	SS811993 (1)	91.2	SS812093 (1)	77.9 B:V	SS811893 (1)
THALLIUM	10	0.34	SS811893 (1)	0.38	SS812093 (1)		
VANADIUM	50	**	**	**	**	9.1 B:V	SS811993 (1)
ZINC	20	**	**	**	**	16.9 :V	SS811993 (1)
Test Group:TRADS Units:pCi/g							
AMERICIUM-241	0.004	**	**	**	**	.002(.003) U:V	SS812093 (1)
GROSS ALPHA	2	**	**	**	**	14(2.8) :A	SS812093 (1)
GROSS BETA	4	**	**	**	**	32(3.7) :A	SS812093 (1)
PLUTONIUM-239/240	0.003	**	**	**	**	.002(.002) U:V	SS811993 (2)
URANIUM-233,-234	0.09	**	**	**	**	.83(.22) :V	SS812093 (1)
URANIUM-235	0.1	**	**	**	**	.028(.028) U:V	SS812093 (1)
URANIUM-238	0.09	**	**	**	**	.73(.2) :V	SS812093 (1)

Data Extraction: 6/19/95

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TABLE E-36
Surface Soil Data Summary
OU8 - IHSS 173
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:BNACLP Units:µg/kg					
1,2,4-TRICHLOROBENZENE			0	3	0
1,2-DICHLOROBENZENE			0	3	0
1,3-DICHLOROBENZENE			0	3	0
1,4-DICHLOROBENZENE			0	3	0
2,4,5-TRICHLOROPHENOL			0	3	0
2,4,6-TRICHLOROPHENOL			0	3	0
2,4-DICHLOROPHENOL			0	3	0
2,4-DIMETHYLPHENOL			0	3	0
2,4-DINITROPHENOL			0	3	0
2,4-DINITROTOLUENE			0	3	0
2,6-DINITROTOLUENE			0	3	0
2-CHLORONAPHTHALENE			0	3	0
2-CHLOROPHENOL			0	3	0
2-METHYLNAPHTHALENE			0	3	0
2-METHYLPHENOL			0	3	0
2-NITROANILINE			0	3	0
2-NITROPHENOL			0	3	0
3,3'-DICHLOROBENZIDINE			0	3	0
3-NITROANILINE			0	2	0
4,6-DINITRO-2-METHYLPHENOL			0	3	0
4-CHLORO-3-METHYLPHENOL			0	3	0
4-CHLOROANILINE			0	3	0
4-CHLOROPHENYL PHENYL ETHER			0	3	0
4-METHYLPHENOL			0	3	0
4-NITROANILINE			0	3	0
4-NITROPHENOL			0	3	0
ACENAPHTHENE			0	3	0
ACENAPHTHYLENE			0	3	0
ANTHRACENE			0	3	0
BENZO(a)ANTHRACENE			0	3	0
BENZO(a)PYRENE			0	3	0
BENZO(b)FLUORANTHENE			0	3	0
BENZO(ghi)PERYLENE			0	3	0
BENZO(k)FLUORANTHENE			0	3	0
BENZOIC ACID			0	3	0
BENZYL ALCOHOL			0	3	0
BIS(2-CHLOROETHOXY)METHANE			0	3	0

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TABLE E-36
Surface Soil Data Summary
OU8 - IHSS 173
Rocky Flats Environmental Technology Site

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	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
BIS(2-CHLOROETHYL)ETHER			0	3	0
BIS(2-CHLOROISOPROPYL)ETHER			0	3	0
BIS(2-ETHYLHEXYL)PHTHALATE	52 J:A	SS811993 (1)	1	3	135.6667
BUTYL BENZYL PHTHALATE			0	3	0
CHRYSENE			0	3	0
DI-n-BUTYL PHTHALATE			0	3	0
DI-n-OCTYL PHTHALATE	96 J:A	SS812093 (1)	1	3	152
DIBENZO(a,h)ANTHRACENE			0	3	0
DIBENZOFURAN			0	3	0
DIETHYL PHTHALATE			0	3	0
DIMETHYL PHTHALATE			0	3	0
FLUORANTHENE			0	3	0
FLUORENE			0	3	0
HEXACHLOROBENZENE			0	3	0
HEXACHLOROBUTADIENE			0	3	0
HEXACHLOROCYCLOPENTADIENE			0	3	0
HEXACHLOROETHANE			0	3	0
INDENO(1,2,3-cd)PYRENE			0	3	0
ISOPHORONE			0	3	0
N-NITROSO-DI-n-PROPYLAMINE			0	3	0
N-NITROSODIPHENYLAMINE			0	3	0
NAPHTHALENE			0	3	0
NITROBENZENE			0	3	0
PENTACHLOROPHENOL			0	3	0
PHENANTHRENE			0	3	0
PHENOL			0	3	0
PYRENE			0	3	0
p-BROMODIPHENYL ETHER			0	3	0
Test Group:METADD Units:mg/kg					
CESIUM			0	3	0
LITHIUM	6.2 B:V	SS811893 (1)	3	3	5.3667
MOLYBDENUM			0	3	0
STRONTIUM	9.7 B:V	SS812093 (1)	3	3	7.4667
TIN			0	3	0
Test Group:SMETCLP Units:mg/kg					
ALUMINUM	4770 :V	SS812093 (1)	3	3	4160
ANTIMONY			0	3	0
ARSENIC	2.3 :J	SS812093 (1)	3	3	1.7667

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TABLE E-36
Surface Soil Data Summary
OU8 - IHSS 173
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
BARIUM	46.1 :V	SS812093 (1)	3	3	41.8333
BERYLLIUM	.19 B:V	SS812093 (1)	3	3	0.1633
CADMIUM			0	3	0
CALCIUM	1130 I:J	SS812093 (1)	3	3	1061.333
CHROMIUM	7.3 :V	SS812093 (1)	3	3	6.5667
COBALT	8 B:V	SS811893 (1)	3	3	6.6
COPPER	20 :J	SS811893 (1)	3	3	17.8
IRON	7290 :V	SS811893 (1)	3	3	6666.667
LEAD	6.1 :J	SS812093 (1)	3	3	6.0333
MAGNESIUM	1990 :V	SS811893 (1)	3	3	1673.333
MANGANESE	133 :V	SS811893 (1)	3	3	119.6667
MERCURY			0	3	0
NICKEL	5 B:V	SS811993 (2)	3	3	4.9
POTASSIUM	1740 :V	SS811893 (1)	3	3	1530
SELENIUM			0	3	0
SILVER	1.1 B:J	SS812093 (1)	1	3	0.7833
SODIUM	77.9 B:V	SS811893 (1)	1	3	51.1833
THALLIUM			0	3	0
VANADIUM	12.7 :V	SS812093 (1)	3	3	11
ZINC	23.5 :V	SS811893 (1)	3	3	20.5
Test Group:TRADS Units:pCi/g					
AMERICIUM-241	.007(.005) J:V	SS811993 (1)	3	3	0.004
GROSS ALPHA	26(4) :A	SS811893 (1)	3	3	20.3333
GROSS BETA	40(3.7) :A	SS811893 (1)	3	3	37
PLUTONIUM-239/240	.006(.006) U:V	SS811893 (1)	3	3	0.0033
URANIUM-233,-234	1.3(.32) B:V	SS811893 (1)	3	3	1.0767
URANIUM-235	.046(.061) U:V	SS811993 (1)	3	3	0.037
URANIUM-238	1.1(.31) :V	SS811893 (1)	3	3	0.8933

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TABLE E-37
Surface Soil Results
OU8 - IHSS 188
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS812193 SSG0113JE 7-Nov-94	SS812193 SSG0127JE 7-Nov-94	SS812293 SSG0114JE 7-Nov-94	SS812393 SSG0115JE 7-Nov-94	SS812493 SSG0116JE 7-Nov-94	SS812593 SSG0117JE 7-Nov-94
Test Group:METADD Units:mg/kg						
CESIUM	8.5 B:V	6 B:V	6.7 B:V	6.7 B:V	6.4 B:V	4.4 B:V
LITHIUM	7.3 B:V	7.1 B:V	6.6 B:V	6.3 B:V	8.1 B:V	12.2 B:V
MOLYBDENUM	< 1.9 :J	< 2.2 :J	< 1.8 :J	< 2.7 :J	< 2.2 :J	< 2.7 :J
STRONTIUM	41.9 B:V	44.5 :V	37.8 B:V	46.5 :V	56.4 :V	17.6 B:J
TIN	< 2.1 :V	< 2 :V	< 2.2 :V	< 2.2 :V	< 2.1 :V	< 2.2 :J
Test Group:SMETCLP Units:mg/kg						
ALUMINUM	7590 :V	7930 :V	6870 :V	7980 :V	9010 :V	10700 :V
ANTIMONY	< 2.4 :R	< 2.3 :J	< 2.5 :J	< 2.5 :J	< 2.4 :R	< 2.4 :J
ARSENIC	1.7 B:V	1.7 B:V	1.3 B:V	.99 B:V	1.4 B:V	.57 B:V
BARIUM	26.8 B:V	27.2 B:V	31.8 B:V	30.3 B:V	25.9 B:V	91.8 :V
BERYLLIUM	.32 B:V	.34 B:V	.33 B:V	.34 B:V	.2 B:V	.32 B:V
CADMIUM	< .3 :V	< .28 :V	< .31 :V	< .31 :V	< .3 :V	< .3 :V
CALCIUM	6900 :V	6850 :V	6390 :V	6970 :V	7830 :V	11700 :V
CHROMIUM	7.4 :V	7.6 :V	11.8 :V	5.7 :V	7.1 :V	7.5 :J
COBALT	19.1 :V	14.9 :V	21.1 :V	36.2 :V	36.5 :V	11.8 :V
COPPER	79.9 :V	74.5 :V	84.1 :V	115 :V	122 :V	50.2 :V
IRON	17100 :V	16800 :V	17300 :V	16400 :V	18800 :V	26600 :V
LEAD	7.9 :V	8.1 :V	5.6 :V	6.4 :V	8.6 :V	9 :J
MAGNESIUM	6440 :V	6300 :V	5610 :V	5800 :V	7350 :V	6790 :V
MANGANESE	434 :V	453 :V	333 :V	358 :V	467 :V	664 :V
MERCURY	< .05 :V	< .05 :V	< .05 :V	< .05 :V	< .05 :V	< .05 :V
NICKEL	9.6 :V	10.4 :V	15.7 :V	8.6 B:V	10.7 :V	4.3 B:J
POTASSIUM	1390 I:J	1320 I:J	1380 I:J	1370 I:J	1470 I:J	3220 I:J
SELENIUM	< .53 :V	< .5 :V	< .56 :V	< .56 :V	< .54 :V	< .54 :V
SILVER	8.3 :J	6.1 :J	6.9 :J	9.7 :J	9.8 :J	< 1.8 :J
SODIUM	1180 :V	1520 :V	1190 :V	1800 :V	1910 :V	139 B:J
THALLIUM	< .36 :V	< .34 :V	< .38 :V	< .38 :V	< .37 :V	< .37 :J
VANADIUM	27.4 :V	27.3 :V	28.7 :V	28.2 :V	31.4 :V	46.3 :V
ZINC	39.1 :V	36 :V	47.6 :V	36.9 :V	40.6 :V	85.6 :V
Test Group:WQPL Units:µg/g						
NITRATE/NITRITE	1.56 :V	1.39 :V	< .61 :V	< .58 :V	< .54 :V	< .55 :V
pH **Units: pH**	8.75 :V	8.89 :V	8.14 :V	8.85 :V	8.93 :V	8.66 :V

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TABLE E-38
Surface Soil Data Summary
OU8 - IHSS 188
Rocky Flats Environmental Technology Site

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	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
Test Group:METADD Units:mg/kg							
CESIUM	1000	**	**	**	**	4.4 B:V	SS812593 (1)
LITHIUM	100	**	**	**	**	6.3 B:V	SS812393 (1)
MOLYBDENUM	200	1.8	SS812293 (1)	2.7	SS812393 (2)		
STRONTIUM	200	**	**	**	**	17.6 B:J	SS812593 (1)
TIN	200	2	SS812193 (1)	2.2	SS812293 (3)		
Test Group:SMETCLP Units:mg/kg							
ALUMINUM	200	**	**	**	**	6870 :V	SS812293 (1)
ANTIMONY	60	2.3	SS812193 (1)	2.5	SS812293 (2)		
ARSENIC	10	**	**	**	**	.57 B:V	SS812593 (1)
BARIUM	200	**	**	**	**	25.9 B:V	SS812493 (1)
BERYLLIUM	5	**	**	**	**	.2 B:V	SS812493 (1)
CADMIUM	5	0.28	SS812193 (1)	0.31	SS812293 (2)		
CALCIUM	5000	**	**	**	**	6390 :V	SS812293 (1)
CHROMIUM	10	**	**	**	**	5.7 :V	SS812393 (1)
COBALT	50	**	**	**	**	11.8 :V	SS812593 (1)
COPPER	25	**	**	**	**	50.2 :V	SS812593 (1)
IRON	100	**	**	**	**	16400 :V	SS812393 (1)
LEAD	3	**	**	**	**	5.6 :V	SS812293 (1)
MAGNESIUM	5000	**	**	**	**	5610 :V	SS812293 (1)
MANGANESE	15	**	**	**	**	333 :V	SS812293 (1)
MERCURY	0.2	0.05	SS812193 (5)	0.05	SS812193 (5)		
NICKEL	40	**	**	**	**	4.3 B:J	SS812593 (1)
POTASSIUM	5000	**	**	**	**	1370 I:J	SS812393 (1)
SELENIUM	5	0.5	SS812193 (1)	0.56	SS812293 (2)		
SILVER	10	1.8	SS812593 (1)	1.8	SS812593 (1)	6.9 :J	SS812293 (1)
SODIUM	5000	**	**	**	**	139 B:J	SS812593 (1)
THALLIUM	10	0.34	SS812193 (1)	0.38	SS812293 (2)		
VANADIUM	50	**	**	**	**	27.4 :V	SS812193 (1)
ZINC	20	**	**	**	**	36.9 :V	SS812393 (1)
Test Group:WQPL Units:µg/g							
NITRATE/NITRITE	0.5	0.54	SS812493 (1)	0.61	SS812293 (1)	1.56 :V	SS812193 (1)
pH Units: pH	0.01	**	**	**	**	8.14 :V	SS812293 (1)

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TABLE E-38
Surface Soil Data Summary
OU8 - IHSS 188
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:METADD Units:mg/kg					
CESIUM	8.5 B:V	SS812193 (1)	5	5	6.54
LITHIUM	12.2 B:V	SS812593 (1)	5	5	8.1
MOLYBDENUM			0	5	0
STRONTIUM	56.4 :V	SS812493 (1)	5	5	40.56
TIN			0	5	0
Test Group:SMETCLP Units:mg/kg					
ALUMINUM	10700 :V	SS812593 (1)	5	5	8498
ANTIMONY			0	4	0
ARSENIC	1.7 B:V	SS812193 (1)	5	5	1.192
BARIUM	91.8 :V	SS812593 (1)	5	5	41.4
BERYLLIUM	.34 B:V	SS812193 (2)	5	5	0.306
CADMIUM			0	5	0
CALCIUM	11700 :V	SS812593 (1)	5	5	7958
CHROMIUM	11.8 :V	SS812293 (1)	5	5	7.94
COBALT	36.5 :V	SS812493 (1)	5	5	24.94
COPPER	122 :V	SS812493 (1)	5	5	90.24
IRON	26600 :V	SS812593 (1)	5	5	19240
LEAD	9 :J	SS812593 (1)	5	5	7.54
MAGNESIUM	7350 :V	SS812493 (1)	5	5	6398
MANGANESE	664 :V	SS812593 (1)	5	5	455
MERCURY			0	5	0
NICKEL	15.7 :V	SS812293 (1)	5	5	9.94
POTASSIUM	3220 I:J	SS812593 (1)	5	5	1766
SELENIUM			0	5	0
SILVER	9.8 :J	SS812493 (1)	4	5	7.12
SODIUM	1910 :V	SS812493 (1)	5	5	1311.8
THALLIUM			0	5	0
VANADIUM	46.3 :V	SS812593 (1)	5	5	32.4
ZINC	85.6 :V	SS812593 (1)	5	5	49.96
Test Group:WQPL Units:µg/g					
NITRATE/NITRITE	1.56 :V	SS812193 (1)	1	5	0.54
pH **Units: pH**	8.93 :V	SS812493 (1)	5	5	8.694

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TABLE E-39
Surface Soil Laboratory Quality Control Positive Results
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

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Sample Location: Sample Identification Number: Date Sampled:	MDL	PRG / BKGND	RF2212 SSG0024JE 31-Oct-94	RF2212 SSG0025JE 31-Oct-94	RF2215 SSG0010JE 2-Nov-94	RF2215 SSG0011JE 2-Nov-94	RF2221 SSG0054JE 16-Nov-94	RF2221 SSG0055JE 16-Nov-94	RF2222 SSG0034JE 21-Nov-94
Test Group:METADD Units:mg/kg									
CESIUM	200	0.00E 0 / 7.00E 0							
LITHIUM	20	5.49E 3 / 15.08E 0							
MOLYBDENUM	40	1.37E 3 / 0.90E 0							
STRONTIUM	40	1.65E 5 / 67.92E 0							
TIN	40	1.65E 5 / 2.90E 0							
Test Group:SMETCLP Units:mg/kg									
ALUMINUM	40	7.96E 5 / 22999.00E 0							
ANTIMONY	12	1.10E 2 / 0.47E 0							
ARSENIC	2	3.66E-1 / 13.75E 0							
BARIUM	40	1.91E 4 / 176.00E 0							
BERYLLIUM	1	1.49E-1 / 1.25E 0							
CALCIUM	1000	0.00E 0 / 5839.00E 0							
CHROMIUM	2	0.00E 0 / 22.21E 0							
COBALT	10	1.65E 4 / 14.22E 0							
COPPER	5	1.10E 4 / 22.75E 0							
IRON	20	0.00E 0 / 23063.00E 0							
LEAD	1	0.00E 0 / 73.87E 0							
MAGNESIUM	1000	0.00E 0 / 3707.00E 0							
MANGANESE	3	1.36E 3 / 482.10E 0							
MERCURY	0.2	8.23E 1 / 0.19E 0							
NICKEL	8	5.49E 3 / 19.74E 0							
POTASSIUM	2000	0.00E 0 / 3797.00E 0							
SILVER	2	1.37E 3 / 0.22E 0							
SODIUM	2000	0.00E 0 / 119.02E 0							
VANADIUM	10	1.92E 3 / 61.84E 0							
ZINC	4	8.23E 4 / 95.92E 0							
Test Group:TRADS Units:pCi/g									
AMERICIUM-241	0	2.37E 0 / 0.04E 0		3.8(.75) :V	.043(.018) :V				
GROSS ALPHA	0	0.00E 0 / 44.56E 0	33(4.4) :A	31(4.1) :A				11(2.9) :A	12(2.9) :A
GROSS BETA	0	0.00E 0 / 55.35E 0	26(3.6) :A	23(3.3) :A			38(3.8) :A	34(3.6) :A	30(3.7) :A
PLUTONIUM-239/240	0	3.43E 0 / 0.08E 0			.081(.02) :A				
URANIUM-233,-234	0	4.53E 1 / 3.31E 0	1.2(.26) :V	.86(.21) :V		.6(.17) :V			
URANIUM-235	0	1.73E-1 / 0.13E 0	.11(.072) J:V						
URANIUM-238	0	8.00E-1 / 2.83E 0	.82(.19) :V	.81(.19) :V		.59(.17) :V			
Test Group:WQPL Units:µg/g									
FLUORIDE	0	E 0 / E 0							
NITRATE/NITRITE	0	E 0 / E 0							22 :Z-

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TABLE E-39
Surface Soil Laboratory Quality Control Positive Results
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

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Sample Location: Sample Identification Number: Date Sampled:	MDL	PRG / BKGND	RF2222 SSG0035JE 21-Nov-94	RF2225 SSG0103JE 5-Dec-94	RF2225 SSG0106JE 5-Dec-94	RF2228 SSG0109JE 13-Dec-94	S411017 SSG0046JE 26-Oct-94	S411018 SSG0039JE 26-Oct-94	S411019 SSG0023JE 31-Oct-94
Test Group:METADD Units:mg/kg									
CESIUM	200	0.00E 0 / 7.00E 0					9.8 :Z#	8.4 :Z#	8.8 :Z#
LITHIUM	20	5.49E 3 / 15.08E 0					7.1 :Z	5 :Z	17.8 :Z#
MOLYBDENUM	40	1.37E 3 / 0.90E 0					2.5 :Z#	.65 :Z	1.6 :Z#
STRONTIUM	40	1.65E 5 / 67.92E 0					23 :Z	18.5 :Z	102 :Z#
TIN	40	1.65E 5 / 2.90E 0							
Test Group:SMETCLP Units:mg/kg									
ALUMINUM	40	7.96E 5 / 22999.00E 0					7090 :Z	6130 :Z	14600 :Z
ANTIMONY	12	1.10E 2 / 0.47E 0							3 :Z#
ARSENIC	2	3.66E-1 / 13.75E 0					2.8 :Z*	4.4 :Z*	2 :Z*
BARIUM	40	1.91E 4 / 176.00E 0					85.7 :Z	64.8 :Z	44.4 :Z
BERYLLIUM	1	1.49E-1 / 1.25E 0					.47 :Z*	.5 :Z*	.36 :Z*
CALCIUM	1000	0.00E 0 / 5839.00E 0					7930 :Z#	4210 :Z	17300 :Z#
CHROMIUM	2	0.00E 0 / 22.21E 0					13.7 :Z	12.2 :Z	14.4 :Z
COBALT	10	1.65E 4 / 14.22E 0					7.4 :Z	4.9 :Z	14.8 :Z#
COPPER	5	1.10E 4 / 22.75E 0					27.3 :Z#	15.2 :Z	62.4 :Z#
IRON	20	0.00E 0 / 23063.00E 0					17100 :Z	10300 :Z	34500 :Z#
LEAD	1	0.00E 0 / 73.87E 0					42.6 :Z	29.7 :Z	16.4 :Z
MAGNESIUM	1000	0.00E 0 / 3707.00E 0					4010 :Z#	1790 :Z	18300 :Z#
MANGANESE	3	1.36E 3 / 482.10E 0					391 :Z	157 :Z	907 :Z#
MERCURY	0.2	8.23E 1 / 0.19E 0						.054 :Z	
NICKEL	8	5.49E 3 / 19.74E 0					8.1 :Z	8.8 :Z	21.3 :Z#
POTASSIUM	2000	0.00E 0 / 3797.00E 0					2530 :Z	1520 :Z	1820 :Z
SILVER	2	1.37E 3 / 0.22E 0					1.4 :Z#	.74 :Z#	2 :Z#
SODIUM	2000	0.00E 0 / 119.02E 0					242 :Z#	67.8 :Z	1880 :Z#
VANADIUM	10	1.92E 3 / 61.84E 0					26.1 :Z	20.1 :Z	48.3 :Z
ZINC	4	8.23E 4 / 95.92E 0					121 :Z#	98.4 :Z#	765 :Z#
Test Group:TRADS Units:pCi/g									
AMERICIUM-241	0	2.37E 0 / 0.04E 0		.012(.007) J:V	.89(.062) :V	.071(.013) :A			
GROSS ALPHA	0	0.00E 0 / 44.56E 0		17(3.5) :A	20(3.5) :A	11(2.5) :A			
GROSS BETA	0	0.00E 0 / 55.35E 0	28(3.6) :A	30(3.6) :A	29(3.4) :A	24(3.2) :A			
PLUTONIUM-239/240	0	3.43E 0 / 0.08E 0				.087(.012) :V			
URANIUM-233,-234	0	4.53E 1 / 3.31E 0		.42(.22) B:V	.79(.18) B:V	.97(.23) :A			
URANIUM-235	0	1.73E-1 / 0.13E 0							
URANIUM-238	0	8.00E-1 / 2.83E 0		.65(.26) :V	.79(.18) :V	.88(.23) :A			
Test Group:WQPL Units:µg/g									
FLUORIDE	0	E 0 / E 0							
NITRATE/NITRITE	0	E 0 / E 0					46 :Z-		

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TABLE E-39
Surface Soil Laboratory Quality Control Positive Results
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

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Sample Location: Sample Identification Number: Date Sampled:	MDL	PRG / BKGND	S411065 SSG0014JE 2-Nov-94	S411095 SSG0115JE 7-Nov-94	S411101 SSG0080JE 9-Nov-94	S411163 SSG0063JE 16-Nov-94	S411182 SSG0088JE 21-Nov-94	S412049 SSG0009JE 1-Dec-94	S412059 SSG0001JE 2-Dec-94
Test Group:METADD Units:mg/kg									
CESIUM	200	0.00E 0 / 7.00E 0	4 :Z	6.5 :Z	6.3 :Z	6.4 :Z	6.4 :Z	6.3 :Z	4.1 :Z
LITHIUM	20	5.49E 3 / 15.08E 0	2.1 :Z	6.2 :Z	1.9 :Z	13.8 :Z	5.9 :Z	7.8 :Z	6.1 :Z
MOLYBDENUM	40	1.37E 3 / 0.90E 0	3.4 :Z#	2.1 :Z#	.54 :Z	2.2 :Z#	.6 :Z	.81 :Z	.85 :Z
STRONTIUM	40	1.65E 5 / 67.92E 0	12.3 :Z	45.9 :Z	11.7 :Z	68.8 :Z#	12.5 :Z	42 :Z	30.2 :Z
TIN	40	1.65E 5 / 2.90E 0				4 :Z#			
Test Group:SMETCLP Units:mg/kg									
ALUMINUM	40	7.96E 5 / 22999.00E 0	3230 :Z	7400 :Z	2110 :Z	13100 :Z	3890 :Z	8650 :Z	7240 :Z
ANTIMONY	12	1.10E 2 / 0.47E 0			2.4 :Z#	2.6 :Z#			
ARSENIC	2	3.66E-1 / 13.75E 0	4 :Z*	1.3 :Z*	6.3 :Z*	1.8 :Z*	1 :Z*	1.6 :Z*	3.4 :Z*
BARIUM	40	1.91E 4 / 176.00E 0	124 :Z	29.8 :Z	42.3 :Z	35.9 :Z	43.2 :Z	32.7 :Z	137 :Z
BERYLLIUM	1	1.49E-1 / 1.25E 0	.22 :Z*	.25 :Z*	.19 :Z*	.46 :Z*	.18 :Z*	.25 :Z*	.49 :Z*
CALCIUM	1000	0.00E 0 / 5839.00E 0	1890 :Z	6800 :Z#	1080 :Z	11900 :Z#	1610 :Z	8240 :Z#	12900 :Z#
CHROMIUM	2	0.00E 0 / 22.21E 0	5.9 :Z	6.7 :Z	5.6 :Z	8 :Z	9.3 :Z	7.8 :Z	9.2 :Z
COBALT	10	1.65E 4 / 14.22E 0	2.7 :Z	34 :Z#	2.3 :Z	26.4 :Z#	11.8 :Z	11.4 :Z	4.2 :Z
COPPER	5	1.10E 4 / 22.75E 0	13.6 :Z	115 :Z#	17.4 :Z	90.7 :Z#	12.7 :Z	59.1 :Z#	14.3 :Z
IRON	20	0.00E 0 / 23063.00E 0	6880 :Z	16300 :Z	4300 :Z	29000 :Z#	8840 :Z	17100 :Z	11300 :Z
LEAD	1	0.00E 0 / 73.87E 0	6.7 :Z	6.7 :Z	5.7 :Z	12.6 :Z	4.5 :Z	6.5 :Z	14.5 :Z
MAGNESIUM	1000	0.00E 0 / 3707.00E 0	879 :Z	5600 :Z#	581 :Z	12900 :Z#	2100 :Z	7210 :Z#	2470 :Z
MANGANESE	3	1.36E 3 / 482.10E 0	120 :Z	342 :Z	60.9 :Z	845 :Z#	140 :Z	456 :Z	176 :Z
MERCURY	0.2	8.23E 1 / 0.19E 0							.067 :Z
NICKEL	8	5.49E 3 / 19.74E 0	5.1 :Z	9.3 :Z	4 :Z	12.1 :Z	5.5 :Z	11 :Z	7.2 :Z
POTASSIUM	2000	0.00E 0 / 3797.00E 0	676 :Z	1360 :Z	605 :Z	1560 :Z	1360 :Z	1350 :Z	1450 :Z
SILVER	2	1.37E 3 / 0.22E 0		8.1 :Z#		4 :Z#	.61 :Z#	1.3 :Z#	.77 :Z#
SODIUM	2000	0.00E 0 / 119.02E 0	187 :Z#	1330 :Z#	128 :Z#	2130 :Z#	72.8 :Z	1880 :Z#	103 :Z
VANADIUM	10	1.92E 3 / 61.84E 0	12.5 :Z	28.9 :Z	11.7 :Z	44.5 :Z	15 :Z	24.4 :Z	20.2 :Z
ZINC	4	8.23E 4 / 95.92E 0	56.6 :Z	32.3 :Z	28.1 :Z	47.6 :Z	21.5 :Z	40 :Z	126 :Z#
Test Group:TRADS Units:pCi/g									
AMERICIUM-241	0	2.37E 0 / 0.04E 0							
GROSS ALPHA	0	0.00E 0 / 44.56E 0							
GROSS BETA	0	0.00E 0 / 55.35E 0							
PLUTONIUM-239/240	0	3.43E 0 / 0.08E 0							
URANIUM-233,-234	0	4.53E 1 / 3.31E 0							
URANIUM-235	0	1.73E-1 / 0.13E 0							
URANIUM-238	0	8.00E-1 / 2.83E 0							
Test Group:WQPL Units:µg/g									
FLUORIDE	0	E 0 / E 0							
NITRATE/NITRITE	0	E 0 / E 0							

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TABLE E-39
Surface Soil Laboratory Quality Control Positive Results
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

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Sample Location: Sample Identification Number: Date Sampled:	MDL	PRG / BKGND	S412114 SSG0107JE 5-Dec-94	S412149 SSG0111JE 6-Dec-94	S412204 SSG0112JE 20-Dec-94	S806 SSG0046JE 26-Oct-94	S820 SSG0034JE 21-Nov-94	S826 SSG0008JE 1-Dec-94	S836 SSG0002JE 2-Dec-94
Test Group:METADD Units:mg/kg									
CESIUM	200	0.00E 0 / 7.00E 0	6.3 :Z	10.7 :Z#	12.2 :Z#				
LITHIUM	20	5.49E 3 / 15.08E 0	7.9 :Z	5.3 :Z	5.6 :Z				
MOLYBDENUM	40	1.37E 3 / 0.90E 0	.86 :Z	.74 :Z	2.7 :Z#				
STRONTIUM	40	1.65E 5 / 67.92E 0	7.3 :Z	5.7 :Z	9.5 :Z				
TIN	40	1.65E 5 / 2.90E 0							
Test Group:SMETCLP Units:mg/kg									
ALUMINUM	40	7.96E 5 / 22999.00E 0	5110 :Z	3740 :Z	4700 :Z				
ANTIMONY	12	1.10E 2 / 0.47E 0							
ARSENIC	2	3.66E-1 / 13.75E 0	1.1 :Z*	1.3 :Z*	2.1 :Z*				
BARIUM	40	1.91E 4 / 176.00E 0	58.2 :Z	39.2 :Z	43.5 :Z				
BERYLLIUM	1	1.49E-1 / 1.25E 0	.22 :Z*	.12 :Z	.15 :Z*				
CALCIUM	1000	0.00E 0 / 5839.00E 0	1280 :Z	911 :Z	1050 :Z				
CHROMIUM	2	0.00E 0 / 22.21E 0	8.9 :Z	7.1 :Z	7.5 :Z				
COBALT	10	1.65E 4 / 14.22E 0	4.3 :Z	5.9 :Z	8.4 :Z				
COPPER	5	1.10E 4 / 22.75E 0	12.3 :Z	19.1 :Z	23.2 :Z#				
IRON	20	0.00E 0 / 23063.00E 0	9560 :Z	6270 :Z	7300 :Z				
LEAD	1	0.00E 0 / 73.87E 0	7.7 :Z	17.1 :Z	9.7 :Z				
MAGNESIUM	1000	0.00E 0 / 3707.00E 0	2120 :Z	1610 :Z	1630 :Z				
MANGANESE	3	1.36E 3 / 482.10E 0	169 :Z	141 :Z	113 :Z				
MERCURY	0.2	8.23E 1 / 0.19E 0	1.4 :Z#						
NICKEL	8	5.49E 3 / 19.74E 0	6.4 :Z	4.9 :Z	4.8 :Z				
POTASSIUM	2000	0.00E 0 / 3797.00E 0	1820 :Z	1510 :Z	1590 :Z				
SILVER	2	1.37E 3 / 0.22E 0	.79 :Z#	1.4 :Z#	1.2 :Z#				
SODIUM	2000	0.00E 0 / 119.02E 0	116 :Z	59.1 :Z	90 :Z				
VANADIUM	10	1.92E 3 / 61.84E 0	16.1 :Z	10.1 :Z	12.8 :Z				
ZINC	4	8.23E 4 / 95.92E 0	24.7 :Z	23.5 :Z	20 :Z				
Test Group:TRADS Units:pCi/g									
AMERICIUM-241	0	2.37E 0 / 0.04E 0							
GROSS ALPHA	0	0.00E 0 / 44.56E 0							
GROSS BETA	0	0.00E 0 / 55.35E 0							
PLUTONIUM-239/240	0	3.43E 0 / 0.08E 0							
URANIUM-233,-234	0	4.53E 1 / 3.31E 0							
URANIUM-235	0	1.73E-1 / 0.13E 0							
URANIUM-238	0	8.00E-1 / 2.83E 0							
Test Group:WQPL Units:µg/g									
FLUORIDE	0	E 0 / E 0						2.59 :Z-	2.59 :Z-
NITRATE/NITRITE	0	E 0 / E 0						18.4 :Z-	32.4 :Z-

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TABLE E-40
Surface Soil Laboratory Quality Control Positive Results Data Summary
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
Test Group:METADD Units:mg/kg							
CESIUM	1000	**	**	**	**	4 :Z	S411065 (1)
LITHIUM	100	**	**	**	**	1.9 :Z	S411101 (1)
MOLYBDENUM	200	**	**	**	**	.54 :Z	S411101 (1)
STRONTIUM	200	**	**	**	**	5.7 :Z	S412149 (1)
TIN	200	1.9	S411017 (1)	2.7	S412204 (1)	4 :Z	S411163 (1)
Test Group:SMETCLP Units:mg/kg							
ALUMINUM	200	**	**	**	**	2110 :Z	S411101 (1)
ANTIMONY	60	2.2	S411017 (1)	3.6	S412204 (1)	2.4 :Z	S411101 (1)
ARSENIC	10	**	**	**	**	1 :Z	S411182 (1)
BARIUM	200	**	**	**	**	29.8 :Z	S411095 (1)
BERYLLIUM	5	**	**	**	**	.12 :Z	S412149 (1)
CALCIUM	5000	**	**	**	**	911 :Z	S412149 (1)
CHROMIUM	10	**	**	**	**	5.6 :Z	S411101 (1)
COBALT	50	**	**	**	**	2.3 :Z	S411101 (1)
COPPER	25	**	**	**	**	12.3 :Z	S412114 (1)
IRON	100	**	**	**	**	4300 :Z	S411101 (1)
LEAD	3	**	**	**	**	4.5 :Z	S411182 (1)
MAGNESIUM	5000	**	**	**	**	581 :Z	S411101 (1)
MANGANESE	15	**	**	**	**	60.9 :Z	S411101 (1)
MERCURY	0.2	0.05	S411017 (2)	0.05	S411163 (2)	.054 :Z	S411018 (1)
NICKEL	40	**	**	**	**	4 :Z	S411101 (1)
POTASSIUM	5000	**	**	**	**	605 :Z	S411101 (1)
SILVER	10	0.49	S411065 (1)	0.51	S411101 (1)	.61 :Z	S411182 (1)
SODIUM	5000	**	**	**	**	59.1 :Z	S412149 (1)
VANADIUM	50	**	**	**	**	10.1 :Z	S412149 (1)
ZINC	20	**	**	**	**	20 :Z	S412204 (1)
Test Group:TRADS Units:pCi/L							
AMERICIUM-241	0.006	**	**	**	**	-.001(.013) U:Y	RF2223 (1)
GROSS ALPHA	2	**	**	**	**	11(2.9) :A	RF2221 (2)
GROSS BETA	4	**	**	**	**	23(3.3) :A	RF2212 (1)
PLUTONIUM-239/240	0.004	**	**	**	**	-.003(.003) U:V	RF2224 (1)
TRITIUM	300	**	**	**	**	-130(190) U:A	RF2215 (1)
URANIUM-233,-234	0.1	**	**	**	**	.032(.097) U:V	RF2220 (1)
URANIUM-235	0.1	**	**	**	**	-.063(.063) U:V	RF2227 (1)
URANIUM-238	0.09	**	**	**	**	-.026(.052) U:V	RF2227 (1)
Test Group:WQPL Units:µg/g							
FLUORIDE	1	**	**	**	**	2.59 :Z	S826 (2)
NITRATE/NITRITE	0.5	**	**	**	**	18.4 :Z	S826 (1)
Test Group:WQPL Units:pH							
pH	0	**	**	**	**	6.11 :Z	S411024 (1)

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TABLE E-40
Surface Soil Laboratory Quality Control Positive Results Data Summary
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:METADD Units:mg/kg					
CESIUM	12.2 :Z	S412204 (1)	13	13	7.4
LITHIUM	17.8 :Z	S411019 (1)	13	13	7.1154
MOLYBDENUM	3.4 :Z	S411065 (1)	13	13	1.5038
STRONTIUM	102 :Z	S411019 (1)	13	13	29.9538
TIN	4 :Z	S411163 (1)	1	13	1.2923
Test Group:SMETCLP Units:mg/kg					
ALUMINUM	14600 :Z	S411019 (1)	13	13	6691.539
ANTIMONY	3 :Z	S411019 (1)	3	13	1.5615
ARSENIC	6.3 :Z	S411101 (1)	13	13	2.5462
BARIUM	137 :Z	S412059 (1)	13	13	60.0538
BERYLLIUM	.5 :Z	S411018 (1)	13	13	0.2969
CALCIUM	17300 :Z	S411019 (1)	13	13	5930.846
CHROMIUM	14.4 :Z	S411019 (1)	13	13	8.9462
COBALT	34 :Z	S411095 (1)	13	13	10.6538
COPPER	115 :Z	S411095 (1)	13	13	37.1
IRON	34500 :Z	S411019 (1)	13	13	13750
LEAD	42.6 :Z	S411017 (1)	13	13	13.8769
MAGNESIUM	18300 :Z	S411019 (1)	13	13	4707.692
MANGANESE	907 :Z	S411019 (1)	13	13	309.0692
MERCURY	1.4 :Z	S412114 (1)	3	13	0.1368
NICKEL	21.3 :Z	S411019 (1)	13	13	8.3462
POTASSIUM	2530 :Z	S411017 (1)	13	13	1473.154
SILVER	8.1 :Z	S411095 (1)	11	13	1.7546
SODIUM	2130 :Z	S411163 (1)	13	13	637.3615
VANADIUM	48.3 :Z	S411019 (1)	13	13	22.3615
ZINC	765 :Z	S411019 (1)	13	13	108.0538
Test Group:TRADS Units:pCi/L					
AMERICIUM-241	3.8(.75) :VV	RF2212 (1)	14	14	0.3673
GROSS ALPHA	33(4.4) :A	RF2212 (1)	9	9	18.8889
GROSS BETA	38(3.8) :A	RF2221 (1)	11	11	29.7273
PLUTONIUM-239/240	.29(.033) :Y	RF2222 (1)	11	11	0.1111
TRITIUM	-130(190) U:A	RF2215 (1)	1	1	-130
URANIUM-233,-234	1.2(.26) :V	RF2212 (1)	14	14	0.7273
URANIUM-235	.11(.072) J:V	RF2212 (1)	14	14	0.044
URANIUM-238	1.2(.29) :Y	RF2222 (2)	14	14	0.7196
Test Group:WQPL Units:µg/g					
FLUORIDE	2.59 :Z	S826 (2)	2	2	2.59
NITRATE/NITRITE	46 :Z	S806 (1)	4	4	29.7
Test Group:WQPL Units:pH					
pH	9.68 :Z	S411183 (1)	7	7	8.3643

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TABLE E-41
Surface Soil Laboratory Quality Control Results
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	RF2211 SSG0121JE 31-Oct-94	RF2212 SSG0024JE 31-Oct-94	RF2212 SSG0025JE 31-Oct-94	RF2215 SSG0010JE 2-Nov-94	RF2215 SSG0011JE 2-Nov-94	RF2215 SSG0012JE 2-Nov-94	RF2215 SSG0013JE 2-Nov-94	RF2220 SSG0135JE 16-Nov-94	RF2220 SSG0136JE 18-Nov-94
Test Group:METADD Units:mg/kg									
CESIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
LITHIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
MOLYBDENUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
STRONTIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
TIN	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:SMETCLP Units:mg/kg									
ALUMINUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA
ARSENIC	NA	NA	NA	NA	NA	NA	NA	NA	NA
BARIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
BERYLLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
CADMIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
CALCIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHROMIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT	NA	NA	NA	NA	NA	NA	NA	NA	NA
COPPER	NA	NA	NA	NA	NA	NA	NA	NA	NA
IRON	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAGNESIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
MANGANESE	NA	NA	NA	NA	NA	NA	NA	NA	NA
MERCURY	NA	NA	NA	NA	NA	NA	NA	NA	NA
NICKEL	NA	NA	NA	NA	NA	NA	NA	NA	NA
POTASSIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
SELENIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
SILVER	NA	NA	NA	NA	NA	NA	NA	NA	NA
SODIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
THALLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
VANADIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZINC	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:TRADS Units:pCi/L									
AMERICIUM-241	.002(.005) U:V	2.3(.39) :R	3.8(.75) :V	.043(.018) :V	NA	NA	NA	.003(.006) U:V	NA
GROSS ALPHA	NA	33(4.4) :A	31(4.1) :A	NA	NA	NA	17(3.9) :R	NA	NA
GROSS BETA	NA	26(3.6) :A	23(3.3) :A	NA	NA	NA	36(3.6) :R	NA	NA
PLUTONIUM-239/240	.002(.004) U:V	15(.32) B:R	27(.57) B:R	.081(.02) :A	NA	NA	NA	(.002) U:V	NA
TRITIUM	NA	NA	NA	NA	NA	-130(190) U:A	NA	NA	NA
URANIUM-233,-234	NA	1.2(.26) :V	.86(.21) :V	NA	.6(.17) :V	NA	NA	NA	.032(.097) U:V
URANIUM-235	NA	.11(.072) J:V	.058(.047) U:V	NA	.041(.055) U:V	NA	NA	NA	.02(.039) U:V
URANIUM-238	NA	.82(.19) :V	.81(.19) :V	NA	.59(.17) :V	NA	NA	NA	.081(.097) U:V
Test Group:WQPL Units:µg/g									
FLUORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA
NITRATE/NITRITE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:WQPL Units:pH									
pH	NA	NA	NA	NA	NA	NA	NA	NA	NA

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TABLE E-41
Surface Soil Laboratory Quality Control Results
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	RF2221 SSG0054JE 16-Nov-94	RF2221 SSG0055JE 16-Nov-94	RF2222 SSG0034JE 21-Nov-94	RF2222 SSG0035JE 21-Nov-94	RF2223 SSG0008JE 1-Dec-94	RF2223 SSG0009JE 1-Dec-94	RF2224 SSG0144JE 1-Dec-94	RF2225 SSG0103JE 5-Dec-94
Test Group:METADD Units:mg/kg								
CESIUM	NA	NA	NA	NA	NA	6.3 :Z	NA	NA
LITHIUM	NA	NA	NA	NA	NA	7.8 :Z	NA	NA
MOLYBDENUM	NA	NA	NA	NA	NA	.81 :Z	NA	NA
STRONTIUM	NA	NA	NA	NA	NA	42 :Z	NA	NA
TIN	NA	NA	NA	NA	NA	< 2.1 :Z	NA	NA
Test Group:SMETCLP Units:mg/kg								
ALUMINUM	NA	NA	NA	NA	NA	8650 :Z	NA	NA
ANTIMONY	NA	NA	NA	NA	NA	< 2.3 :Z	NA	NA
ARSENIC	NA	NA	NA	NA	NA	1.6 :Z	NA	NA
BARIUM	NA	NA	NA	NA	NA	32.7 :Z	NA	NA
BERYLLIUM	NA	NA	NA	NA	NA	.25 :Z	NA	NA
CADMIUM	NA	NA	NA	NA	NA	< .29 :Z	NA	NA
CALCIUM	NA	NA	NA	NA	NA	8240 :Z	NA	NA
CHROMIUM	NA	NA	NA	NA	NA	7.8 :Z	NA	NA
COBALT	NA	NA	NA	NA	NA	11.4 :Z	NA	NA
COPPER	NA	NA	NA	NA	NA	59.1 :Z	NA	NA
IRON	NA	NA	NA	NA	NA	17100 :Z	NA	NA
LEAD	NA	NA	NA	NA	NA	6.5 :Z	NA	NA
MAGNESIUM	NA	NA	NA	NA	NA	7210 :Z	NA	NA
MANGANESE	NA	NA	NA	NA	NA	456 :Z	NA	NA
MERCURY	NA	NA	NA	NA	NA	< .052 :Z	NA	NA
NICKEL	NA	NA	NA	NA	NA	11 :Z	NA	NA
POTASSIUM	NA	NA	NA	NA	NA	1350 :Z	NA	NA
SELENIUM	NA	NA	NA	NA	NA	< .52 :Z	NA	NA
SILVER	NA	NA	NA	NA	NA	1.3 :Z	NA	NA
SODIUM	NA	NA	NA	NA	NA	1880 :Z	NA	NA
THALLIUM	NA	NA	NA	NA	NA	< .36 :Z	NA	NA
VANADIUM	NA	NA	NA	NA	NA	24.4 :Z	NA	NA
ZINC	NA	NA	NA	NA	NA	40 :Z	NA	NA
Test Group:TRADS Units:pCi/L								
AMERICIUM-241	.05(.012) :Y	.13(.03) :Y	.056(.013) :Y	.08(.015) :Y	.005(.014) U:Y	-.001(.013) U:Y	.001(.003) U:V	.012(.007) J:V
GROSS ALPHA	28(4.2) :R	11(2.9) :A	12(2.9) :A	18(3.3) :R	17(3.3) :Y	18(3.8) :Y	NA	17(3.5) :A
GROSS BETA	38(3.8) :A	34(3.6) :A	30(3.7) :A	28(3.6) :A	34(3.8) :Y	31(3.6) :Y	NA	30(3.6) :A
PLUTONIUM-239/240	.28(.022) :Y	.17(.019) :Y	.29(.033) :Y	.28(.03) :Y	.033(.008) :Y	.002(.003) U:Y	-.003(.003) U:V	.005(.003) BJ:R
TRITIUM	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-233,-234	.91(.24) :Y	.5(.15) :Y	1(.26) :Y	.98(.25) :Y	.76(.12) :Y	1(.13) :Y	NA	.42(.22) B:V
URANIUM-235	.073(.059) U:Y	.045(.045) U:Y	.057(.058) U:Y	.032(.032) U:Y	.014(.019) U:Y	.062(.033) J:Y	NA	.051(.051) U:V
URANIUM-238	.9(.24) :Y	.56(.16) :Y	.75(.2) :Y	1.2(.29) :Y	.87(.13) :Y	1.2(.14) :Y	NA	.65(.26) :V
Test Group:WQPL Units:µg/g								
FLUORIDE	NA	NA	NA	NA	2.59 :Z	NA	NA	NA
NITRATE/NITRITE	NA	NA	22 :Z	NA	18.4 :Z	NA	NA	NA
Test Group:WQPL Units:pH								
pH	NA	NA	NA	NA	NA	8.91 :Z	NA	NA

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TABLE E-41
Surface Soil Laboratory Quality Control Results
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	RF2225 SSG0106JE 5-Dec-94	RF2227 SSG0154JE 13-Dec-94	RF2228 SSG0109JE 13-Dec-94	S411017 SSG0046JE 26-Oct-94	S411018 SSG0039JE 26-Oct-94	S411019 SSG0023JE 31-Oct-94	S411024 SSG0021JE 27-Oct-94	S411065 SSG0014JE 2-Nov-94	S411095 SSG0115JE 7-Nov-94
Test Group:METADD Units:mg/kg									
CESIUM	NA	NA	NA	9.8 :Z	8.4 :Z	8.8 :Z	NA	4 :Z	6.5 :Z
LITHIUM	NA	NA	NA	7.1 :Z	5 :Z	17.8 :Z	NA	2.1 :Z	6.2 :Z
MOLYBDENUM	NA	NA	NA	2.5 :Z	.65 :Z	1.6 :Z	NA	3.4 :Z	2.1 :Z
STRONTIUM	NA	NA	NA	23 :Z	18.5 :Z	102 :Z	NA	12.3 :Z	45.9 :Z
TIN	NA	NA	NA	< 1.9 :Z	< 2.1 :Z	< 2.2 :Z	NA	< 2 :Z	< 2.2 :Z
Test Group:SMETCLP Units:mg/kg									
ALUMINUM	NA	NA	NA	7090 :Z	6130 :Z	14600 :Z	NA	3230 :Z	7400 :Z
ANTIMONY	NA	NA	NA	< 2.2 :Z	< 2.3 :Z	3 :Z	NA	< 2.3 :Z	< 2.4 :Z
ARSENIC	NA	NA	NA	2.8 :Z	4.4 :Z	2 :Z	NA	4 :Z	1.3 :Z
BARIUM	NA	NA	NA	85.7 :Z	64.8 :Z	44.4 :Z	NA	124 :Z	29.8 :Z
BERYLLIUM	NA	NA	NA	.47 :Z	.5 :Z	.36 :Z	NA	.22 :Z	.25 :Z
CADMIUM	NA	NA	NA	< .27 :Z	< .29 :Z	< .31 :Z	NA	< .28 :Z	< .3 :Z
CALCIUM	NA	NA	NA	7930 :Z	4210 :Z	17300 :Z	NA	1890 :Z	6800 :Z
CHROMIUM	NA	NA	NA	13.7 :Z	12.2 :Z	14.4 :Z	NA	5.9 :Z	6.7 :Z
COBALT	NA	NA	NA	7.4 :Z	4.9 :Z	14.8 :Z	NA	2.7 :Z	34 :Z
COPPER	NA	NA	NA	27.3 :Z	15.2 :Z	62.4 :Z	NA	13.6 :Z	115 :Z
IRON	NA	NA	NA	17100 :Z	10300 :Z	34500 :Z	NA	6880 :Z	16300 :Z
LEAD	NA	NA	NA	42.6 :Z	29.7 :Z	16.4 :Z	NA	6.7 :Z	6.7 :Z
MAGNESIUM	NA	NA	NA	4010 :Z	1790 :Z	18300 :Z	NA	879 :Z	5600 :Z
MANGANESE	NA	NA	NA	391 :Z	157 :Z	907 :Z	NA	120 :Z	342 :Z
MERCURY	NA	NA	NA	< .049 :Z	.054 :Z	< .053 :Z	NA	< .049 :Z	< .053 :Z
NICKEL	NA	NA	NA	8.1 :Z	8.8 :Z	21.3 :Z	NA	5.1 :Z	9.3 :Z
POTASSIUM	NA	NA	NA	2530 :Z	1520 :Z	1820 :Z	NA	676 :Z	1360 :Z
SELENIUM	NA	NA	NA	< .49 :Z	< .52 :Z	< .55 :Z	NA	< .51 :Z	< .54 :Z
SILVER	NA	NA	NA	1.4 :Z	.74 :Z	2 :Z	NA	< .49 :Z	8.1 :Z
SODIUM	NA	NA	NA	242 :Z	67.8 :Z	1880 :Z	NA	187 :Z	1330 :Z
THALLIUM	NA	NA	NA	< .33 :Z	< .36 :Z	< .37 :Z	NA	< .34 :Z	< .37 :Z
VANADIUM	NA	NA	NA	26.1 :Z	20.1 :Z	48.3 :Z	NA	12.5 :Z	28.9 :Z
ZINC	NA	NA	NA	121 :Z	98.4 :Z	765 :Z	NA	56.6 :Z	32.3 :Z
Test Group:TRADS Units:pCi/L									
AMERICIUM-241	.89(.062) :V	NA	.071(.013) :A	NA	NA	NA	NA	NA	NA
GROSS ALPHA	20(3.5) :A	NA	11(2.5) :A	NA	NA	NA	NA	NA	NA
GROSS BETA	29(3.4) :A	NA	24(3.2) :A	NA	NA	NA	NA	NA	NA
PLUTONIUM-239/240	.43(.033) B:R	NA	.087(.012) :V	NA	NA	NA	NA	NA	NA
TRITIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-233,-234	.79(.18) B:V	.16(.13) U:V	.97(.23) :A	NA	NA	NA	NA	NA	NA
URANIUM-235	.044(.044) U:V	-.063(.063) U:V	.072(.058) U:A	NA	NA	NA	NA	NA	NA
URANIUM-238	.79(.18) :V	-.026(.052) U:V	.88(.23) :A	NA	NA	NA	NA	NA	NA
Test Group:WQPL Units:µg/g									
FLUORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA
NITRATE/NITRITE	NA	NA	NA	46 :Z	NA	NA	NA	NA	NA
Test Group:WQPL Units:pH									
pH	NA	NA	NA	NA	8.65 :Z	NA	6.11 :Z	NA	8.86 :Z

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TABLE E-41
Surface Soil Laboratory Quality Control Results
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	S411096 SSG0115JE 7-Nov-94	S411101 SSG0080JE 9-Nov-94	S411123 SSG0039JE 26-Oct-94	S411163 SSG0063JE 16-Nov-94	S411182 SSG0088JE 21-Nov-94	S411183 SSG0038JE 21-Nov-94	S412049 SSG0009JE 1-Dec-94	S412050 SSG0009JE 1-Dec-94	S412059 SSG0001JE 2-Dec-94	S412060 SSG0001JE 2-Dec-94
Test Group:METADD Units:mg/kg										
CESIUM	NA	6.3 :Z	NA	6.4 :Z	6.4 :Z	NA	NA	NA	4.1 :Z	NA
LITHIUM	NA	1.9 :Z	NA	13.8 :Z	5.9 :Z	NA	NA	NA	6.1 :Z	NA
MOLYBDENUM	NA	.54 :Z	NA	2.2 :Z	.6 :Z	NA	NA	NA	.85 :Z	NA
STRONTIUM	NA	11.7 :Z	NA	68.8 :Z	12.5 :Z	NA	NA	NA	30.2 :Z	NA
TIN	NA	< 2.1 :Z	NA	4 :Z	< 2.1 :Z	NA	NA	NA	< 2 :Z	NA
Test Group:SMETCLP Units:mg/kg										
ALUMINUM	NA	2110 :Z	NA	13100 :Z	3890 :Z	NA	NA	NA	7240 :Z	NA
ANTIMONY	NA	2.4 :Z	NA	2.6 :Z	< 2.4 :Z	NA	NA	NA	< 2.3 :Z	NA
ARSENIC	NA	6.3 :Z	NA	1.8 :Z	1 :Z	NA	NA	NA	3.4 :Z	NA
BARIUM	NA	42.3 :Z	NA	35.9 :Z	43.2 :Z	NA	NA	NA	137 :Z	NA
BERYLLIUM	NA	.19 :Z	NA	.46 :Z	.18 :Z	NA	NA	NA	.49 :Z	NA
CADMIUM	NA	< .3 :Z	NA	< .3 :Z	< .3 :Z	NA	NA	NA	< .29 :Z	NA
CALCIUM	NA	1080 :Z	NA	11900 :Z	1610 :Z	NA	NA	NA	12900 :Z	NA
CHROMIUM	NA	5.6 :Z	NA	8 :Z	9.3 :Z	NA	NA	NA	9.2 :Z	NA
COBALT	NA	2.3 :Z	NA	26.4 :Z	11.8 :Z	NA	NA	NA	4.2 :Z	NA
COPPER	NA	17.4 :Z	NA	90.7 :Z	12.7 :Z	NA	NA	NA	14.3 :Z	NA
IRON	NA	4300 :Z	NA	29000 :Z	8840 :Z	NA	NA	NA	11300 :Z	NA
LEAD	NA	5.7 :Z	NA	12.6 :Z	4.5 :Z	NA	NA	NA	14.5 :Z	NA
MAGNESIUM	NA	581 :Z	NA	12900 :Z	2100 :Z	NA	NA	NA	2470 :Z	NA
MANGANESE	NA	60.9 :Z	NA	845 :Z	140 :Z	NA	NA	NA	176 :Z	NA
MERCURY	NA	< .05 :Z	NA	< .054 :Z	< .052 :Z	NA	NA	NA	.067 :Z	NA
NICKEL	NA	4 :Z	NA	12.1 :Z	5.5 :Z	NA	NA	NA	7.2 :Z	NA
POTASSIUM	NA	605 :Z	NA	1560 :Z	1360 :Z	NA	NA	NA	1450 :Z	NA
SELENIUM	NA	< .53 :Z	NA	< .53 :Z	< .54 :Z	NA	NA	NA	< .51 :Z	NA
SILVER	NA	< .51 :Z	NA	4 :Z	.61 :Z	NA	NA	NA	.77 :Z	NA
SODIUM	NA	128 :Z	NA	2130 :Z	72.8 :Z	NA	NA	NA	103 :Z	NA
THALLIUM	NA	< .36 :Z	NA	< .36 :Z	< .36 :Z	NA	NA	NA	< .35 :Z	NA
VANADIUM	NA	11.7 :Z	NA	44.5 :Z	15 :Z	NA	NA	NA	20.2 :Z	NA
ZINC	NA	28.1 :Z	NA	47.6 :Z	21.5 :Z	NA	NA	NA	126 :Z	NA
Test Group:TRADS Units:pCi/L										
AMERICIUM-241	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GROSS ALPHA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GROSS BETA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PLUTONIUM-239/240	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TRITIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-233,-234	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-235	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-238	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:WQPL Units:µg/g										
FLUORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NITRATE/NITRITE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:WQPL Units:pH										
pH	NA	NA	NA	NA	NA	9.68 :Z	NA	NA	8.33 :Z	NA

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TABLE E-41
Surface Soil Laboratory Quality Control Results
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	S412114 SSG0107JE 5-Dec-94	S412115 SSG0107JE 5-Dec-94	S412149 SSG0111JE 6-Dec-94	S412204 SSG0112JE 20-Dec-94	S806 SSG0046JE 26-Oct-94	S820 SSG0034JE 21-Nov-94	S826 SSG0008JE 1-Dec-94	S836 SSG0002JE 2-Dec-94
Test Group:METADD Units:mg/kg								
CESIUM	6.3 :Z	NA	10.7 :Z	12.2 :Z	NA	NA	NA	NA
LITHIUM	7.9 :Z	NA	5.3 :Z	5.6 :Z	NA	NA	NA	NA
MOLYBDENUM	.86 :Z	NA	.74 :Z	2.7 :Z	NA	NA	NA	NA
STRONTIUM	7.3 :Z	NA	5.7 :Z	9.5 :Z	NA	NA	NA	NA
TIN	< 2.1 :Z	NA	< 2.1 :Z	< 2.7 :Z	NA	NA	NA	NA
Test Group:SMETCLP Units:mg/kg								
ALUMINUM	5110 :Z	NA	3740 :Z	4700 :Z	NA	NA	NA	NA
ANTIMONY	< 2.4 :Z	NA	< 2.4 :Z	< 3.6 :Z	NA	NA	NA	NA
ARSENIC	1.1 :Z	NA	1.3 :Z	2.1 :Z	NA	NA	NA	NA
BARIUM	58.2 :Z	NA	39.2 :Z	43.5 :Z	NA	NA	NA	NA
BERYLLIUM	.22 :Z	NA	.12 :Z	.15 :Z	NA	NA	NA	NA
CADMIUM	< .29 :Z	NA	< .3 :Z	< .28 :Z	NA	NA	NA	NA
CALCIUM	1280 :Z	NA	911 :Z	1050 :Z	NA	NA	NA	NA
CHROMIUM	8.9 :Z	NA	7.1 :Z	7.5 :Z	NA	NA	NA	NA
COBALT	4.3 :Z	NA	5.9 :Z	8.4 :Z	NA	NA	NA	NA
COPPER	12.3 :Z	NA	19.1 :Z	23.2 :Z	NA	NA	NA	NA
IRON	9560 :Z	NA	6270 :Z	7300 :Z	NA	NA	NA	NA
LEAD	7.7 :Z	NA	17.1 :Z	9.7 :Z	NA	NA	NA	NA
MAGNESIUM	2120 :Z	NA	1610 :Z	1630 :Z	NA	NA	NA	NA
MANGANESE	169 :Z	NA	141 :Z	113 :Z	NA	NA	NA	NA
MERCURY	1.4 :Z	NA	< .05 :Z	< .054 :Z	NA	NA	NA	NA
NICKEL	6.4 :Z	NA	4.9 :Z	4.8 :Z	NA	NA	NA	NA
POTASSIUM	1820 :Z	NA	1510 :Z	1590 :Z	NA	NA	NA	NA
SELENIUM	< .52 :Z	NA	< .53 :Z	< .61 :Z	NA	NA	NA	NA
SILVER	.79 :Z	NA	1.4 :Z	1.2 :Z	NA	NA	NA	NA
SODIUM	116 :Z	NA	59.1 :Z	90 :Z	NA	NA	NA	NA
THALLIUM	< .36 :Z	NA	< .36 :Z	< .37 :Z	NA	NA	NA	NA
VANADIUM	16.1 :Z	NA	10.1 :Z	12.8 :Z	NA	NA	NA	NA
ZINC	24.7 :Z	NA	23.5 :Z	20 :Z	NA	NA	NA	NA
Test Group:TRADS Units:pCi/L								
AMERICIUM-241	NA	NA	NA	NA	NA	NA	NA	NA
GROSS ALPHA	NA	NA	NA	NA	NA	NA	NA	NA
GROSS BETA	NA	NA	NA	NA	NA	NA	NA	NA
PLUTONIUM-239/240	NA	NA	NA	NA	NA	NA	NA	NA
TRITIUM	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-233,-234	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-235	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-238	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:WQPL Units:µg/g								
FLUORIDE	NA	NA	NA	NA	NA	NA	NA	2.59 :Z
NITRATE/NITRITE	NA	NA	NA	NA	NA	NA	NA	32.4 :Z
Test Group:WQPL Units:pH								
pH	8.01 :Z	NA	NA	NA	NA	NA	NA	NA

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TABLE E-42
Surface Soil Laboratory Quality Control Data Summary
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
Test Group:METADD Units:mg/kg							
CESIUM	1000	**	**	**	**	4 :Z	S411065 (1)
LITHIUM	100	**	**	**	**	1.9 :Z	S411101 (1)
MOLYBDENUM	200	**	**	**	**	.54 :Z	S411101 (1)
STRONTIUM	200	**	**	**	**	5.7 :Z	S412149 (1)
TIN	200	1.9	S411017 (1)	2.7	S412204 (1)	4 :Z	S411163 (1)
Test Group:SMETCLP Units:mg/kg							
ALUMINUM	200	**	**	**	**	2110 :Z	S411101 (1)
ANTIMONY	60	2.2	S411017 (1)	3.6	S412204 (1)	2.4 :Z	S411101 (1)
ARSENIC	10	**	**	**	**	1 :Z	S411182 (1)
BARIUM	200	**	**	**	**	29.8 :Z	S411095 (1)
BERYLLIUM	5	**	**	**	**	.12 :Z	S412149 (1)
CADMIUM	5	0.27	S411017 (1)	0.31	S411019 (1)		
CALCIUM	5000	**	**	**	**	911 :Z	S412149 (1)
CHROMIUM	10	**	**	**	**	5.6 :Z	S411101 (1)
COBALT	50	**	**	**	**	2.3 :Z	S411101 (1)
COPPER	25	**	**	**	**	12.3 :Z	S412114 (1)
IRON	100	**	**	**	**	4300 :Z	S411101 (1)
LEAD	3	**	**	**	**	4.5 :Z	S411182 (1)
MAGNESIUM	5000	**	**	**	**	581 :Z	S411101 (1)
MANGANESE	15	**	**	**	**	60.9 :Z	S411101 (1)
MERCURY	0.2	0.05	S411017 (2)	0.05	S411163 (2)	.054 :Z	S411018 (1)
NICKEL	40	**	**	**	**	4 :Z	S411101 (1)
POTASSIUM	5000	**	**	**	**	605 :Z	S411101 (1)
SELENIUM	5	0.49	S411017 (1)	0.61	S412204 (1)		
SILVER	10	0.49	S411065 (1)	0.51	S411101 (1)	.61 :Z	S411182 (1)
SODIUM	5000	**	**	**	**	59.1 :Z	S412149 (1)
THALLIUM	10	0.33	S411017 (1)	0.37	S411019 (3)		
VANADIUM	50	**	**	**	**	10.1 :Z	S412149 (1)
ZINC	20	**	**	**	**	20 :Z	S412204 (1)
Test Group:TRADS Units:pCi/L							
AMERICIUM-241	0.006	**	**	**	**	-.001(.013) U:Y	RF2223 (1)
GROSS ALPHA	2	**	**	**	**	11(2.9) :A	RF2221 (2)
GROSS BETA	4	**	**	**	**	23(3.3) :A	RF2212 (1)
PLUTONIUM-239/240	0.004	**	**	**	**	-.003(.003) U:V	RF2224 (1)
TRITIUM	300	**	**	**	**	-130(190) U:A	RF2215 (1)
URANIUM-233,-234	0.1	**	**	**	**	.032(.097) U:V	RF2220 (1)
URANIUM-235	0.1	**	**	**	**	-.063(.063) U:V	RF2227 (1)
URANIUM-238	0.09	**	**	**	**	-.026(.052) U:V	RF2227 (1)
Test Group:WQPL Units:µg/g							
FLUORIDE	1	**	**	**	**	2.59 :Z	S826 (2)
NITRATE/NITRITE	0.5	**	**	**	**	18.4 :Z	S826 (1)
Test Group:WQPL Units:pH							
pH	0	**	**	**	**	6.11 :Z	S411024 (1)

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TABLE E-42
Surface Soil Laboratory Quality Control Data Summary
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:METADD Units:mg/kg					
CESIUM	12.2 :Z	S412204 (1)	13	13	7.4
LITHIUM	17.8 :Z	S411019 (1)	13	13	7.1154
MOLYBDENUM	3.4 :Z	S411065 (1)	13	13	1.5038
STRONTIUM	102 :Z	S411019 (1)	13	13	29.9538
TIN	4 :Z	S411163 (1)	1	13	1.2923
Test Group:SMETCLP Units:mg/kg					
ALUMINUM	14600 :Z	S411019 (1)	13	13	6691.539
ANTIMONY	3 :Z	S411019 (1)	3	13	1.5615
ARSENIC	6.3 :Z	S411101 (1)	13	13	2.5462
BARIUM	137 :Z	S412059 (1)	13	13	60.0538
BERYLLIUM	.5 :Z	S411018 (1)	13	13	0.2969
CADMIUM			0	13	0
CALCIUM	17300 :Z	S411019 (1)	13	13	5930.846
CHROMIUM	14.4 :Z	S411019 (1)	13	13	8.9462
COBALT	34 :Z	S411095 (1)	13	13	10.6538
COPPER	115 :Z	S411095 (1)	13	13	37.1
IRON	34500 :Z	S411019 (1)	13	13	13750
LEAD	42.6 :Z	S411017 (1)	13	13	13.8769
MAGNESIUM	18300 :Z	S411019 (1)	13	13	4707.692
MANGANESE	907 :Z	S411019 (1)	13	13	309.0692
MERCURY	1.4 :Z	S412114 (1)	3	13	0.1368
NICKEL	21.3 :Z	S411019 (1)	13	13	8.3462
POTASSIUM	2530 :Z	S411017 (1)	13	13	1473.154
SELENIUM			0	13	0
SILVER	8.1 :Z	S411095 (1)	11	13	1.7546
SODIUM	2130 :Z	S411163 (1)	13	13	637.3615
THALLIUM			0	13	0
VANADIUM	48.3 :Z	S411019 (1)	13	13	22.3615
ZINC	765 :Z	S411019 (1)	13	13	108.0538
Test Group:TRADS Units:pCi/L					
AMERICIUM-241	3.8(.75) :VV	RF2212 (1)	14	14	0.3673
GROSS ALPHA	33(4.4) :A	RF2212 (1)	9	9	18.8889
GROSS BETA	38(3.8) :A	RF2221 (1)	11	11	29.7273
PLUTONIUM-239/240	.29(.033) :Y	RF2222 (1)	11	11	0.1111
TRITIUM	-130(190) U:A	RF2215 (1)	1	1	-130
URANIUM-233,-234	1.2(.26) :V	RF2212 (1)	14	14	0.7273
URANIUM-235	.11(.072) J:V	RF2212 (1)	14	14	0.044
URANIUM-238	1.2(.29) :Y	RF2222 (2)	14	14	0.7196
Test Group:WQPL Units:µg/g					
FLUORIDE	2.59 :Z	S826 (2)	2	2	2.59
NITRATE/NITRITE	46 :Z	S806 (1)	4	4	29.7
Test Group:WQPL Units:pH					
pH	9.68 :Z	S411183 (1)	7	7	8.3643

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TABLE E-43
Surface Soil Rinsate Positive Results
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	MDL	PRG / BKGND	SS800293 SSG0146JE 2-Dec-94	SS800893 SSG0144JE 1-Dec-94	SS801093 SSG0125JE 2-Nov-94	SS801893 SSG0119JE 27-Oct-94	SS802493 SSG0121JE 31-Oct-94	SS803293 SSG0142JE 30-Nov-94
Test Group:BNACLP Units:µg/L								
BIS(2-ETHYLHEXYL)PHTHALATE	330	4.57E 4 / 0.00E 0						
Test Group:METADD Units:µg/L								
STRONTIUM	40	1.65E 8 / 67.92E 3						
Test Group:SMETCLP Units:µg/L								
ALUMINUM	40	7.96E 8 / 22999.00E 3	98.7 B:V			29.4 :JA	30.3 B:V	
BARIUM	40	1.91E 7 / 176.00E 3	1.4 B:V			1.1 :JA		
CALCIUM	1000	0.00E 0 / 5839.00E 3						
CHROMIUM	2	0.00E 0 / 22.21E 3		13.4 :JA				7 B:JA
COBALT	10	1.65E 7 / 14.22E 3						
IRON	20	0.00E 0 / 23063.00E 3	112 :V					
LEAD	1	0.00E 0 / 73.87E 3	7 :V	1.4 B:JA	1.7 B:V		1.2 B:V	1.4 B:JA
MAGNESIUM	1000	0.00E 0 / 3707.00E 3	53.2 :V			43.3 :JA		
MANGANESE	3	1.36E 6 / 482.10E 3	1.3 :V			1.2 :JA		1.1 B:JA
POTASSIUM	2000	0.00E 0 / 3797.00E 3	547 :V	521 B:JA		68.7 :JA	445 B:V	
SODIUM	2000	0.00E 0 / 119.02E 3	1170 :V	866 B:JA		150 :JA	457 B:V	161 B:JA
ZINC	4	8.23E 7 / 95.92E 3		7.7 B:JA				14.6 B:JA
Test Group:TRADS Units:pCi/L								
AMERICIUM-241	0	2.37E 0 / 0.04E 0						
GROSS ALPHA	0	0.00E 0 / 44.56E 0						
GROSS BETA	0	0.00E 0 / 55.35E 0						
URANIUM-233,-234	0	4.53E 1 / 3.31E 0						
Test Group:WQPL Units:µg/L								
NITRATE/NITRITE	0	E 0 / E 0						3720 :V-

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TABLE E-43
Surface Soil Rinsate Positive Results
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	MDL	PRG / BKGND	SS804093 SSG0139JE 21-Nov-94	SS805293 SSG0118JE 26-Oct-94	SS805993 SSG0131JE 10-Nov-94	SS806293 SSG0135JE 16-Nov-94	SS806793 SSG0133JE 15-Nov-94	SS808093 SSG0152JE 12-Dec-94
Test Group:BNACLP Units:µg/L								
BIS(2-ETHYLHEXYL)PHTHALATE	330	4.57E 4 / 0.00E 0						
Test Group:METADD Units:µg/L								
STRONTIUM	40	1.65E 8 / 67.92E 3						
Test Group:SMETCLP Units:µg/L								
ALUMINUM	40	7.96E 8 / 22999.00E 3		83.4 B:JA			35.8 B:V	34.2 B:V
BARIUM	40	1.91E 7 / 176.00E 3		1.2 B:JA			2.1 B:V	
CALCIUM	1000	0.00E 0 / 5839.00E 3						
CHROMIUM	2	0.00E 0 / 22.21E 3	1.9 B:V	2 B:JA				
COBALT	10	1.65E 7 / 14.22E 3						
IRON	20	0.00E 0 / 23063.00E 3	126 :V	162 :JA				
LEAD	1	0.00E 0 / 73.87E 3	10 :V		3.4 :V	1.2 B:V	4 :V	3.4 :V
MAGNESIUM	1000	0.00E 0 / 3707.00E 3		47.9 B:JA			60.9 B:V	
MANGANESE	3	1.36E 6 / 482.10E 3		2.2 B:JA			1.4 B:V	1 B:V
POTASSIUM	2000	0.00E 0 / 3797.00E 3	636 B:V	67.5 B:JA			118 B:JA	84.7 B:V
SODIUM	2000	0.00E 0 / 119.02E 3	655 B:V	324 B:JA	98.8 B:V			
ZINC	4	8.23E 7 / 95.92E 3						
Test Group:TRADS Units:pCi/L								
AMERICIUM-241	0	2.37E 0 / 0.04E 0			.006(.005) J:V			
GROSS ALPHA	0	0.00E 0 / 44.56E 0						
GROSS BETA	0	0.00E 0 / 55.35E 0						
URANIUM-233,-234	0	4.53E 1 / 3.31E 0						
Test Group:WQPL Units:µg/L								
NITRATE/NITRITE	0	E 0 / E 0		87.3 :V-				

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TABLE E-43
Surface Soil Rinsate Positive Results
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

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Sample Location: Sample Identification Number: Date Sampled:	MDL	PRG / BKGND	SS808193 SSG0136JE 18-Nov-94	SS809093 SSG0128JE 8-Nov-94	SS809393 SSG0129JE 9-Nov-94	SS809493 SSG0138JE 21-Nov-94	SS809993 SSG0141JE 30-Nov-94	SS810593 SSG0123JE 1-Nov-94
Test Group:BNACLP Units:µg/L								
BIS(2-ETHYLHEXYL)PHTHALATE	330	4.57E 4 / 0.00E 0		4 J:A				
Test Group:METADD Units:µg/L								
STRONTIUM	40	1.65E 8 / 67.92E 3						
Test Group:SMETCLP Units:µg/L								
ALUMINUM	40	7.96E 8 / 22999.00E 3						
BARIUM	40	1.91E 7 / 176.00E 3	.9 B:V					.41 B:JA
CALCIUM	1000	0.00E 0 / 5839.00E 3						
CHROMIUM	2	0.00E 0 / 22.21E 3						
COBALT	10	1.65E 7 / 14.22E 3						
IRON	20	0.00E 0 / 23063.00E 3		104 :V	57.4 B:V	104 :V		
LEAD	1	0.00E 0 / 73.87E 3	1.4 B:V	8.1 B:V	6.8 :V			3.7 B:JA
MAGNESIUM	1000	0.00E 0 / 3707.00E 3		52.5 B:JA	34.8 B:JA			
MANGANESE	3	1.36E 6 / 482.10E 3		2.3 B:V	1.2 B:V			
POTASSIUM	2000	0.00E 0 / 3797.00E 3				77.9 B:V		
SODIUM	2000	0.00E 0 / 119.02E 3		154 B:V	110 B:V	197 B:V		
ZINC	4	8.23E 7 / 95.92E 3				14.6 B:V		
Test Group:TRADS Units:pCi/L								
AMERICIUM-241	0	2.37E 0 / 0.04E 0					.007(.004) J:V	
GROSS ALPHA	0	0.00E 0 / 44.56E 0						
GROSS BETA	0	0.00E 0 / 55.35E 0						
URANIUM-233,-234	0	4.53E 1 / 3.31E 0		.19(.081) J:V				
Test Group:WQPL Units:µg/L								
NITRATE/NITRITE	0	E 0 / E 0						

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TABLE E-43
Surface Soil Rinsate Positive Results
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	MDL	PRG / BKGND	SS810993 SSG0149JE 5-Dec-94	SS811493 SSG0147JE 2-Dec-94	SS811593 SSG0154JE 13-Dec-94	SS811893 SSG0150JE 6-Dec-94	SS812093 SSG0151JE 20-Dec-94	SS812593 SSG0126JE 7-Nov-94
Test Group:BNACLP Units:µg/L								
BIS(2-ETHYLHEXYL)PHTHALATE	330	4.57E 4 / 0.00E 0						
Test Group:METADD Units:µg/L								
STRONTIUM	40	1.65E 8 / 67.92E 3						1.1 B:V
Test Group:SMETCLP Units:µg/L								
ALUMINUM	40	7.96E 8 / 22999.00E 3		65.9 :JA			43 B:JA	45.9 B:V
BARIUM	40	1.91E 7 / 176.00E 3		3 :JA	1.3 B:JA		1.6 B:JA	
CALCIUM	1000	0.00E 0 / 5839.00E 3						154 B:V
CHROMIUM	2	0.00E 0 / 22.21E 3						
COBALT	10	1.65E 7 / 14.22E 3					2.7 B:JA	
IRON	20	0.00E 0 / 23063.00E 3		112 :JA				77.4 B:V
LEAD	1	0.00E 0 / 73.87E 3	1.5 B:V	4.9 :JA	2.6 B:JA	1.3 B:V	2 B:JA	7.5 :JA
MAGNESIUM	1000	0.00E 0 / 3707.00E 3		82.6 :JA				38.2 B:JA
MANGANESE	3	1.36E 6 / 482.10E 3		2.4 :JA				1.5 B:V
POTASSIUM	2000	0.00E 0 / 3797.00E 3		143 :JA			97.5 B:JA	635 B:V
SODIUM	2000	0.00E 0 / 119.02E 3					71.1 B:JA	683 B:V
ZINC	4	8.23E 7 / 95.92E 3			7.5 B:JA			8.3 B:V
Test Group:TRADS Units:pCi/L								
AMERICIUM-241	0	2.37E 0 / 0.04E 0						
GROSS ALPHA	0	0.00E 0 / 44.56E 0				2.3(.71) :A		
GROSS BETA	0	0.00E 0 / 55.35E 0				4.2(.9) :A		
URANIUM-233,-234	0	4.53E 1 / 3.31E 0						
Test Group:WQPL Units:µg/L								
NITRATE/NITRITE	0	E 0 / E 0						77 :V-

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TABLE E-44
Surface Soil Positive Results Data Summary
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
Test Group:BNACLP Units:µg/L							
BIS(2-ETHYLHEXYL)PHTHALATE	10	10	SS800293 (17)	10	SS800293 (17)	4 J:A	SS809093 (1)
Test Group:METADD Units:µg/L							
STRONTIUM	200	0.7	SS800893 (8)	1.7	SS801893 (2)	1.1 B:V	SS812593 (1)
Test Group:SMETCLP Units:µg/L							
ALUMINUM	200	22.4	SS800893 (8)	78.3	SS804093 (1)	29.4 :J	SS801893 (1)
BARIUM	200	0.4	SS801093 (3)	4.4	SS810993 (1)	.41 B:J	SS810593 (1)
CALCIUM	5000	73.4	SS800893 (7)	504	SS809493 (1)	154 B:V	SS812593 (1)
CHROMIUM	10	1.7	SS800293 (15)	5.2	SS812593 (1)	1.9 B:V	SS804093 (1)
COBALT	50	2.3	SS800293 (22)	2.3	SS800293 (22)	2.7 B:J	SS812093 (1)
IRON	100	14.4	SS801093 (1)	81.2	SS803293 (1)	57.4 B:V	SS809393 (1)
LEAD	3	2.2	SS805293 (1)	3.9	SS801893 (1)	1.2 B:V	SS802493 (2)
MAGNESIUM	5000	19.8	SS801093 (4)	104	SS810993 (1)	34.8 B:J	SS809393 (1)
MANGANESE	15	0.9	SS800893 (9)	2.6	SS809493 (1)	1 B:V	SS808093 (1)
POTASSIUM	5000	54.3	SS801093 (7)	183	SS803293 (1)	67.5 B:J	SS805293 (1)
SODIUM	5000	42.8	SS811893 (1)	498	SS811493 (1)	71.1 B:J	SS812093 (1)
ZINC	20	3.6	SS812093 (1)	10.5	SS806793 (1)	7.5 B:J	SS811593 (1)
Test Group:TRADS Units:pCi/L							
AMERICIUM-241	0.01	**	**	**	**	-.003(.006) U:V	SS800893 (2)
GROSS ALPHA	0.9	**	**	**	**	-.38(.62) U:A	SS801893 (1)
GROSS BETA	1	**	**	**	**	-.65(.75) U:A	SS806293 (1)
PLUTONIUM-239/240	0.01	**	**	**	**	-.004(.004) U:V	SS812093 (1)
TRITIUM	300	**	**	**	**	57(150) U:A	SS810593 (1)
URANIUM-233,-234	0.3	**	**	**	**	-.097(.13) U:V	SS809493 (1)
URANIUM-235	0.2	**	**	**	**	-.039(.078) U:V	SS809493 (1)
URANIUM-238	0.2	**	**	**	**	-.032(.065) U:V	SS809493 (1)
Test Group:WQPL Units:mg/L							
NITRATE/NITRITE	50	50	SS804093 (1)	50	SS804093 (1)	77 :V	SS812593 (1)

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TABLE E-44
Surface Soil Positive Results Data Summary
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:BNACLP Units:µg/L					
BIS(2-ETHYLHEXYL)PHTHALATE	4 J:A	SS809093 (1)	1	18	4.9444
Test Group:METADD Units:µg/L					
STRONTIUM	1.1 B:V	SS812593 (1)	1	23	0.5111
Test Group:SMETCLP Units:µg/L					
ALUMINUM	98.7 B:V	SS800293 (1)	9	23	31.5261
BARIUM	3 :J	SS811493 (1)	9	23	0.9911
CALCIUM	154 B:V	SS812593 (1)	1	23	77.95
CHROMIUM	13.4 :J	SS800893 (1)	4	22	1.9136
COBALT	2.7 B:J	SS812093 (1)	1	23	1.2174
IRON	162 :J	SS805293 (1)	8	23	50.4783
LEAD	10 :V	SS804093 (1)	20	23	3.4413
MAGNESIUM	82.6 :J	SS811493 (1)	8	23	31.4761
MANGANESE	2.4 :J	SS811493 (1)	10	23	1.0113
POTASSIUM	636 B:V	SS804093 (1)	12	21	180.3024
SODIUM	1170 :V	SS800293 (1)	13	23	251.0652
ZINC	14.6 B:J	SS803293 (2)	5	23	4.95
Test Group:TRADS Units:pCi/L					
AMERICIUM-241	.007(.008) U:V	SS805293 (3)	21	21	0.0027
GROSS ALPHA	2.3(.71) :A	SS811893 (1)	16	16	0.0918
GROSS BETA	4.2(.9) :A	SS811893 (1)	21	21	0.1861
PLUTONIUM-239/240	.004(.005) U:V	SS805993 (1)	21	21	0.0007
TRITIUM	58(160) U:A	SS801093 (1)	2	2	57.5
URANIUM-233,-234	.2(.2) U:VV	SS812093 (1)	21	21	0.0325
URANIUM-235	.042(.084) U:V	SS808193 (1)	21	21	0.0037
URANIUM-238	.11(.11) U:V	SS811493 (1)	21	21	0.0192
Test Group:WQPL Units:mg/L					
NITRATE/NITRITE	3720 :V	SS803293 (1)	3	4	977.325

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TABLE E-45
Surface Soil Rinsate Results
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

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Sample Location: Sample Identification Number: Date Sampled:	SS800293 SSG0146JE 2-Dec-94	SS800893 SSG0144JE 1-Dec-94	SS801093 SSG0125JE 2-Nov-94	SS801893 SSG0119JE 27-Oct-94	SS802493 SSG0121JE 31-Oct-94	SS803293 SSG0142JE 30-Nov-94	SS804093 SSG0139JE 21-Nov-94	SS805293 SSG0118JE 26-Oct-94
Test Group:BNACLP Units:µg/L								
1,2,4-TRICHLOROBENZENE	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
1,2-DICHLOROBENZENE	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
1,3-DICHLOROBENZENE	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
1,4-DICHLOROBENZENE	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
2,4,5-TRICHLOROPHENOL	< 51 :V	< 50 :V	NA	< 50 :V	< 50 :V	NA	< 50 :V	NA
2,4,6-TRICHLOROPHENOL	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :V	NA
2,4-DICHLOROPHENOL	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :V	NA
2,4-DIMETHYLPHENOL	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :V	NA
2,4-DINITROPHENOL	< 51 :V	< 50 :V	NA	< 50 :V	< 50 :V	NA	< 50 :V	NA
2,4-DINITROTOLUENE	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
2,6-DINITROTOLUENE	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
2-CHLORONAPHTHALENE	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
2-CHLOROPHENOL	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :V	NA
2-METHYLNAPHTHALENE	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
2-METHYLPHENOL	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :V	NA
2-NITROANILINE	< 51 :V	< 50 :V	NA	< 50 :V	< 50 :V	NA	< 50 :J	NA
2-NITROPHENOL	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :V	NA
3,3'-DICHLOROBENZIDINE	< 20 :V	< 20 :V	NA	< 20 :V	< 20 :V	NA	< 20 :J	NA
3-NITROANILINE	< 51 :R	< 50 :V	NA	< 50 :V	< 50 :V	NA	< 50 :J	NA
4,6-DINITRO-2-METHYLPHENOL	< 51 :V	< 50 :V	NA	< 50 :V	< 50 :V	NA	< 50 :V	NA
4-CHLORO-3-METHYLPHENOL	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :V	NA
4-CHLOROANILINE	< 10 :R	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
4-CHLOROPHENYL PHENYL ETHER	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
4-METHYLPHENOL	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :V	NA
4-NITROANILINE	< 51 :R	< 50 :V	NA	< 50 :V	< 50 :V	NA	< 50 :J	NA
4-NITROPHENOL	< 51 :V	< 50 :V	NA	< 50 :V	< 50 :V	NA	< 50 :V	NA
ACENAPHTHENE	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
ACENAPHTHYLENE	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
ANTHRACENE	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
BENZO(a)ANTHRACENE	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
BENZO(a)PYRENE	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
BENZO(b)FLUORANTHENE	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
BENZO(ghi)PERYLENE	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
BENZO(k)FLUORANTHENE	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
BENZOIC ACID	< 51 :V	< 50 :V	NA	< 50 :V	< 50 :V	NA	< 50 :V	NA
BENZYL ALCOHOL	< 10 :V	< 10 :V	NA	< 10 :R	< 10 :R	NA	< 10 :R	NA
BIS(2-CHLOROETHOXY)METHANE	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
BIS(2-CHLOROETHYL)ETHER	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA

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TABLE E-45
Surface Soil Rinsate Results
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

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Sample Location:	SS800293	SS800893	SS801093	SS801893	SS802493	SS803293	SS804093	SS805293
Sample Identification Number:	SSG0146JE	SSG0144JE	SSG0125JE	SSG0119JE	SSG0121JE	SSG0142JE	SSG0139JE	SSG0118JE
Date Sampled:	2-Dec-94	1-Dec-94	2-Nov-94	27-Oct-94	31-Oct-94	30-Nov-94	21-Nov-94	26-Oct-94
BIS(2-CHLOROISOPROPYL)ETHER	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
BIS(2-ETHYLHEXYL)PHTHALATE	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
BUTYL BENZYL PHTHALATE	< 10 :J	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
CHRYSENE	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
DI-n-BUTYL PHTHALATE	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
DI-n-OCTYL PHTHALATE	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
DIBENZO(a,h)ANTHRACENE	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
DIBENZOFURAN	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
DIETHYL PHTHALATE	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
DIMETHYL PHTHALATE	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
FLUORANTHENE	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
FLUORENE	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
HEXACHLOROBENZENE	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
HEXACHLOROBUTADIENE	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
HEXACHLOROCYCLOPENTADIENE	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
HEXACHLOROETHANE	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
INDENO(1,2,3-cd)PYRENE	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
ISOPHORONE	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
N-NITROSO-DI-n-PROPYLAMINE	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
N-NITROSODIPHENYLAMINE	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
NAPHTHALENE	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
NITROBENZENE	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
PENTACHLOROPHENOL	< 51 :V	< 50 :V	NA	< 50 :V	< 50 :V	NA	< 50 :V	NA
PHENANTHRENE	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
PHENOL	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :V	NA
PYRENE	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
p-BROMODIPHENYL ETHER	< 10 :V	< 10 :V	NA	< 10 :V	< 10 :V	NA	< 10 :J	NA
Test Group:E_TPH8015A Units:mg/L								
DIESEL FUEL	< .5 :Y	< .5 :Y	< .5 :Y	NA	NA	NA	NA	NA
Test Group:METADD Units:µg/L								
CESIUM	< 12.9 :V	< 20 :J	< 20 :J	< 50 :J	< 30 :J	< 12.9 :J	< 40 :J	< 20 :J
LITHIUM	< 1.1 :V	< 1.1 :J	< 1.1 :V	< 1.1 :J	< 1.1 :J	< 2.3 :J	< 1.1 :V	< 1.1 :J
MOLYBDENUM	< 2.4 :V	< 2.4 :J	< 2.4 :V	< 2.4 :J	< 2.4 :V	< 2.7 :J	< 2.4 :V	< 2.4 :J
STRONTIUM	< 1.1 :J	< .7 :J	< .7 :V	< 1.7 :J	< .87 :J	< 1.3 :J	< .7 :V	< 1.7 :J
TIN	< 9.9 :V	< 9.9 :J	< 9.9 :V	< 9.9 :J	< 9.9 :V	< 9.9 :J	< 9.9 :V	< 9.9 :J
Test Group:SMETCLP Units:µg/L								
ALUMINUM	98.7 B:V	< 22.4 :J	< 22.4 :V	29.4 :J	30.3 B:V	< 22.4 :J	< 78.3 :J	83.4 B:J
ANTIMONY	< 11.2 :V	< 11.2 :J	< 11.2 :V	< 11.2 :J	< 11.2 :J	< 11.2 :J	< 11.2 :V	< 11.2 :J
ARSENIC	< 1.7 :J	< 1.7 :J	< 1.7 :V	< 1.7 :J	< 1.7 :V	< 1.7 :J	< 1.7 :V	< 1.7 :J

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TABLE E-45
Surface Soil Rinsate Results
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

DRAFT

Sample Location:	SS800293	SS800893	SS801093	SS801893	SS802493	SS803293	SS804093	SS805293
Sample Identification Number:	SSG0146JE	SSG0144JE	SSG0125JE	SSG0119JE	SSG0121JE	SSG0142JE	SSG0139JE	SSG0118JE
Date Sampled:	2-Dec-94	1-Dec-94	2-Nov-94	27-Oct-94	31-Oct-94	30-Nov-94	21-Nov-94	26-Oct-94
BARIUM	1.4 B:V	< .95 :J	< .4 :V	1.1 :J	< 1.2 :J	< 2.5 :J	< 1.2 :J	1.2 B:J
BERYLLIUM	< .3 :V	< .3 :J	< .3 :V	< .3 :J	< .3 :V	< .3 :J	< .3 :J	< .3 :J
CADMIUM	< 1.4 :V	< 1.4 :J	< 1.4 :V	< 1.4 :J	< 1.4 :V	< 1.4 :J	< 1.4 :V	< 1.4 :J
CALCIUM	< 288 :J	< 73.4 :J	< 73.4 :V	< 178 :J	< 73.4 :V	< 106 :J	< 180 :J	< 163 :J
CHROMIUM	< 1.7 :J	13.4 :J	< 1.7 :V	< 1.7 :J	< 1.7 :V	7 B:J	1.9 B:V	2 B:J
COBALT	< 2.3 :V	< 2.3 :J	< 2.3 :V	< 2.3 :J	< 2.3 :V	< 2.3 :J	< 2.3 :V	< 2.3 :J
COPPER	< 16.5 :J	< 6.1 :J	< 2.1 :V	< 7 :J	< 4.9 :J	< 16.9 :J	< 10.3 :J	< 11.3 :J
IRON	112 :V	< 44 :J	< 14.4 :J	< 60.5 :J	< 34.8 :J	< 81.2 :J	126 :V	162 :J
LEAD	7 :V	1.4 B:J	1.7 B:V	< 3.9 :J	1.2 B:V	1.4 B:J	10 :V	< 2.2 :J
MAGNESIUM	53.2 :V	< 30.2 :J	< 19.8 :V	43.3 :J	< 46.6 :J	< 46.8 :J	< 49.9 :J	47.9 B:J
MANGANESE	1.3 :V	< .9 :J	< .9 :V	1.2 :J	< .9 :V	1.1 B:J	< 2.4 :J	2.2 B:J
MERCURY	< .2 :V	< .2 :J	< .2 :V	< .2 :J	< .2 :V	< .2 :J	< .2 :V	< .2 :J
NICKEL	< 3.5 :V	< 3.5 :J	< 3.5 :V	< 3.5 :J	< 3.5 :V	< 3.5 :J	< 3.5 :V	< 3.5 :J
POTASSIUM	547 :V	521 B:J	< 54.3 :V	68.7 :J	445 B:V	< 183 :J	636 B:V	67.5 B:J
SELENIUM	< 2.5 :J	< 2.5 :J	< 2.5 :V	< 2.5 :J	< 2.5 :V	< 2.5 :J	< 2.5 :V	< 2.5 :J
SILVER	< 2.4 :V	< 2.4 :J	< 2.4 :V	< 2.4 :J	< 2.4 :V	< 2.4 :J	< 2.4 :V	< 2.4 :J
SODIUM	1170 :V	866 B:J	< 89.5 :J	150 :J	457 B:V	161 B:J	655 B:V	324 B:J
THALLIUM	< 2.1 :J	< 1.7 :J	< 1.7 :V	< 1.7 :J	< 1.7 :V	< 1.7 :J	< 1.7 :V	< 1.7 :J
VANADIUM	< 2.3 :V	< 2.3 :J	< 2.3 :V	< 2.3 :J	< 2.3 :V	< 3.2 :J	< 2.3 :V	< 2.3 :J
ZINC	< 10.3 :J	7.7 B:J	< 6.3 :V	< 6.3 :J	< 6.3 :V	14.6 B:J	< 6.3 :V	< 8.7 :J
Test Group:TRADS Units:pCi/L								
AMERICIUM-241	.003(.007) U:V	-.003(.006) U:V	.002(.008) U:V	.002(.006) U:V	-.003(.005) U:V	NA	-.001(.002) U:V	.007(.008) U:V
GROSS ALPHA	.033(.35) U:A	-.15(.4) U:A	-.013(.53) U:A	-.38(.62) U:A	.044(.36) U:A	NA	-.25(.33) U:R	-.21(.59) U:A
GROSS BETA	-.18(.85) U:A	.013(.77) U:A	-.39(.59) U:A	-.043(.69) U:A	.5(.75) U:A	NA	.12(.72) U:A	.043(.57) U:A
PLUTONIUM-239/240	-.001(.003) U:V	.002(.004) U:V	.002(.004) U:V	-.001(.004) U:V	-.001(.003) U:V	NA	.003(.003) U:V	.002(.003) U:V
TRITIUM	NA	NA	58(160) U:A	NA	NA	NA	NA	NA
URANIUM-233,-234	.025(.15) U:V	.055(.17) U:V	(.15) U:V	.034(.14) U:V	(.097) U:V	NA	(.13) U:V	-.033(.067) U:V
URANIUM-235	(.061) U:V	(.067) U:V	(.093) U:V	(.082) U:V	(.059) U:V	NA	(.08) U:V	(.081) U:V
URANIUM-238	.025(.1) U:V	.028(.055) U:V	(.077) U:V	(.067) U:V	(.049) U:V	NA	(.066) U:V	.067(.067) U:V
Test Group:V_TPH8015A Units:µg/L								
GASOLINE	< 100 :Y	< 100 :Y	< 100 :Y	NA	NA	< 100 :Y	NA	NA
Test Group:WQPL Units:mg/L								
FLUORIDE	< .1 :V	< .1 :V	NA	NA	NA	NA	NA	NA
NITRATE/NITRITE	NA	NA	NA	NA	NA	3720 :V	< 50 :V	87.3 :V

TABLE E-45
Surface Soil Rinsate Results
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

DRAFT

Sample Location: Sample Identification Number: Date Sampled:	SS805993 SSG0131JE 10-Nov-94	SS806293 SSG0135JE 16-Nov-94	SS806793 SSG0133JE 15-Nov-94	SS808093 SSG0152JE 12-Dec-94	SS808193 SSG0136JE 18-Nov-94	SS809093 SSG0128JE 8-Nov-94	SS809393 SSG0129JE 9-Nov-94	SS809493 SSG0138JE 21-Nov-94
Test Group:BNACLP Units:µg/L								
1,2,4-TRICHLOROBENZENE	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
1,2-DICHLOROBENZENE	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
1,3-DICHLOROBENZENE	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
1,4-DICHLOROBENZENE	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
2,4,5-TRICHLOROPHENOL	< 50 :V	< 50 :V	< 50 :V	< 51 :V	< 50 :V	< 50 :V	< 50 :V	< 50 :V
2,4,6-TRICHLOROPHENOL	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
2,4-DICHLOROPHENOL	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
2,4-DIMETHYLPHENOL	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
2,4-DINITROPHENOL	< 50 :V	< 50 :V	< 50 :V	< 51 :V	< 50 :V	< 50 :V	< 50 :V	< 50 :V
2,4-DINITROTOLUENE	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
2,6-DINITROTOLUENE	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
2-CHLORONAPHTHALENE	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
2-CHLOROPHENOL	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
2-METHYLNAPHTHALENE	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
2-METHYLPHENOL	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
2-NITROANILINE	< 50 :V	< 50 :V	< 50 :V	< 51 :V	< 50 :V	< 50 :V	< 50 :V	< 50 :V
2-NITROPHENOL	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
3,3'-DICHLOROBENZIDINE	< 20 :V	< 20 :V	< 20 :V	< 20 :V	< 20 :V	< 20 :V	< 20 :V	< 20 :V
3-NITROANILINE	< 50 :V	< 50 :V	< 50 :V	< 51 :R	< 50 :V	< 50 :V	< 50 :V	< 50 :V
4,6-DINITRO-2-METHYLPHENOL	< 50 :V	< 50 :V	< 50 :V	< 51 :V	< 50 :V	< 50 :V	< 50 :V	< 50 :V
4-CHLORO-3-METHYLPHENOL	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
4-CHLOROANILINE	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
4-CHLOROPHENYL PHENYL ETHER	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
4-METHYLPHENOL	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
4-NITROANILINE	< 50 :V	< 50 :V	< 50 :V	< 51 :V	< 50 :V	< 50 :V	< 50 :V	< 50 :V
4-NITROPHENOL	< 50 :V	< 50 :V	< 50 :V	< 51 :V	< 50 :V	< 50 :V	< 50 :V	< 50 :V
ACENAPHTHENE	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
ACENAPHTHYLENE	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
ANTHRACENE	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
BENZO(a)ANTHRACENE	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
BENZO(a)PYRENE	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
BENZO(b)FLUORANTHENE	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
BENZO(ghi)PERYLENE	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
BENZO(k)FLUORANTHENE	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
BENZOIC ACID	< 50 :V	< 50 :V	< 50 :V	< 51 :V	< 50 :V	< 50 :V	< 50 :V	< 50 :V
BENZYL ALCOHOL	< 10 :V	< 10 :V	< 10 :R	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :R
BIS(2-CHLOROETHOXY)METHANE	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
BIS(2-CHLOROETHYL)ETHER	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V

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TABLE E-45
Surface Soil Rinsate Results
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

DRAFT

Sample Location:	SS805993	SS806293	SS806793	SS808093	SS808193	SS809093	SS809393	SS809493
Sample Identification Number:	SSG0131JE	SSG0135JE	SSG0133JE	SSG0152JE	SSG0136JE	SSG0128JE	SSG0129JE	SSG0138JE
Date Sampled:	10-Nov-94	16-Nov-94	15-Nov-94	12-Dec-94	18-Nov-94	8-Nov-94	9-Nov-94	21-Nov-94
BIS(2-CHLOROISOPROPYL)ETHER	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
BIS(2-ETHYLHEXYL)PHTHALATE	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	4 J:A	< 10 :V	< 10 :V
BUTYL BENZYL PHTHALATE	< 10 :V	< 10 :V	< 10 :V	< 10 :J	< 10 :V	< 10 :V	< 10 :V	< 10 :V
CHRYSENE	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
DI-n-BUTYL PHTHALATE	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
DI-n-OCTYL PHTHALATE	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
DIBENZO(a,h)ANTHRACENE	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
DIBENZOFURAN	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
DIETHYL PHTHALATE	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
DIMETHYL PHTHALATE	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
FLUORANTHENE	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
FLUORENE	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
HEXACHLOROBENZENE	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
HEXACHLOROBUTADIENE	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
HEXACHLOROCYCLOPENTADIENE	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
HEXACHLOROETHANE	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
INDENO(1,2,3-cd)PYRENE	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
ISOPHORONE	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
N-NITROSO-DI-n-PROPYLAMINE	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
N-NITROSODIPHENYLAMINE	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
NAPHTHALENE	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
NITROBENZENE	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
PENTACHLOROPHENOL	< 50 :V	< 50 :V	< 50 :V	< 51 :V	< 50 :V	< 50 :V	< 50 :V	< 50 :V
PHENANTHRENE	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
PHENOL	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
PYRENE	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
p-BROMODIPHENYL ETHER	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V
Test Group:E_TPH8015A Units:mg/L								
DIESEL FUEL	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:METADD Units:µg/L								
CESIUM	< 20 :J	< 12.9 :V	< 12.9 :V	< 30 :J	< 12.9 :V	< 30 :J	< 20 :J	< 30 :J
LITHIUM	< 1.1 :V	< 1.1 :V	< 1.1 :V	< 1.1 :V	< 1.1 :V	< 1.1 :V	< 1.1 :V	< 1.1 :V
MOLYBDENUM	< 2.4 :V	< 2.4 :V	< 2.4 :V	< 2.4 :V	< 2.4 :V	< 2.4 :V	< 2.4 :V	< 2.4 :V
STRONTIUM	< .7 :V	< .71 :J	< .75 :J	< .7 :V	< .7 :V	< 1.1 :J	< .9 :J	< .7 :V
TIN	< 9.9 :V	< 9.9 :V	< 9.9 :V	< 9.9 :V	< 9.9 :V	< 9.9 :V	< 9.9 :V	< 9.9 :V
Test Group:SMETCLP Units:µg/L								
ALUMINUM	< 23.9 :J	< 22.4 :V	35.8 B:V	34.2 B:V	< 22.4 :V	< 78.1 :J	< 60.2 :J	< 64.3 :J
ANTIMONY	< 11.2 :V	< 11.2 :V	< 11.2 :V	< 13 :J	< 11.2 :V	< 11.2 :V	< 11.2 :V	< 11.2 :V
ARSENIC	< 1.7 :V	< 1.7 :V	< 1.7 :V	< 1.7 :J	< 1.7 :V	< 1.7 :V	< 1.7 :V	< 1.7 :J

TABLE E-45
Surface Soil Rinsate Results
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

DRAFT

Sample Location:	SS805993	SS806293	SS806793	SS808093	SS808193	SS809093	SS809393	SS809493
Sample Identification Number:	SSG0131JE	SSG0135JE	SSG0133JE	SSG0152JE	SSG0136JE	SSG0128JE	SSG0129JE	SSG0138JE
Date Sampled:	10-Nov-94	16-Nov-94	15-Nov-94	12-Dec-94	18-Nov-94	8-Nov-94	9-Nov-94	21-Nov-94
BARIUM	< .4 :V	< .4 :V	2.1 B:V	< .92 :J	.9 B:V	< 1.1 :J	< 1.3 :J	< 1.7 :J
BERYLLIUM	< .3 :V	< .3 :V	< .3 :V	< .3 :V	< .3 :V	< .32 :J	< .3 :V	< .3 :V
CADMIUM	< 1.4 :V	< 1.4 :V	< 1.4 :V	< 1.4 :V	< 1.4 :V	< 1.4 :V	< 1.4 :V	< 1.4 :V
CALCIUM	< 73.4 :V	< 145 :J	< 108 :J	< 109 :J	< 190 :J	< 90.5 :J	< 73.4 :V	< 504 :J
CHROMIUM	< 1.7 :J	< 1.7 :J	< 1.7 :V	< 2.8 :J	< 1.7 :J	1.8 B:R	< 1.7 :J	< 1.7 :V
COBALT	< 2.3 :V	< 2.3 :V	< 2.3 :V	< 2.3 :V	< 2.3 :V	< 2.3 :V	< 2.3 :V	< 2.3 :V
COPPER	< 4.1 :J	< 5.4 :J	< 10.8 :J	< 8.2 :J	< 4.2 :J	< 17.2 :J	< 20 :J	< 4.3 :J
IRON	< 18.8 :J	< 75.9 :J	< 67.4 :J	< 36.9 :J	< 34.9 :J	104 :V	57.4 B:V	104 :V
LEAD	3.4 :V	1.2 B:V	4 :V	3.4 :V	1.4 B:V	8.1 B:V	6.8 :V	< 3.2 :J
MAGNESIUM	< 19.8 :J	< 19.8 :V	60.9 B:V	< 41.7 :J	< 19.8 :V	52.5 B:J	34.8 B:J	< 80.4 :J
MANGANESE	< .9 :V	< .9 :V	1.4 B:V	1 B:V	< .9 :V	2.3 B:V	1.2 B:V	< 2.6 :J
MERCURY	< .2 :V	< .2 :V	< .2 :V	< .2 :V	< .2 :V	< .2 :V	< .2 :V	< .2 :V
NICKEL	< 3.5 :V	< 3.5 :V	< 3.5 :V	< 3.5 :V	< 3.5 :V	< 3.5 :V	< 3.5 :V	< 3.5 :V
POTASSIUM	< 54.3 :V	< 54.3 :J	118 B:J	84.7 B:V	< 54.3 :R	< 54.3 :R	< 54.3 :J	77.9 B:V
SELENIUM	< 2.5 :V	< 2.5 :V	< 2.5 :V	< 2.5 :V	< 2.5 :V	< 2.5 :V	< 2.5 :V	< 2.5 :V
SILVER	< 2.4 :V	< 2.4 :V	< 2.4 :J	< 2.4 :V	< 2.4 :V	< 2.4 :V	< 2.4 :V	< 2.4 :V
SODIUM	98.8 B:V	< 113 :J	< 101 :J	< 99.1 :J	< 111 :J	154 B:V	110 B:V	197 B:V
THALLIUM	< 1.7 :V	< 1.7 :V	< 1.7 :V	< 1.7 :V	< 1.7 :V	< 1.7 :V	< 1.7 :V	< 1.7 :V
VANADIUM	< 2.3 :V	< 2.3 :V	< 2.3 :V	< 2.3 :V	< 2.3 :V	< 2.3 :V	< 2.3 :V	< 2.3 :V
ZINC	< 6.3 :V	< 6.3 :V	< 10.5 :J	< 6.3 :V	< 6.3 :V	< 6.3 :V	< 6.3 :V	14.6 B:V
Test Group:TRADS Units:pCi/L								
AMERICIUM-241	.006(.005) J:V	.007(.008) U:V	.004(.004) U:Y	.001(.003) U:V	.001(.002) U:V	.004(.009) U:V	.002(.004) U:V	.003(.004) U:V
GROSS ALPHA	-.23(.4) U:A	.056(.43) U:R	-.1(.41) U:A	.098(.32) U:A	-.038(.38) U:R	.17(.52) U:A	.007(.39) U:A	-.001(.31) U:R
GROSS BETA	-.15(.71) U:A	-.65(.75) U:A	-.54(.74) U:A	.23(.78) U:A	.57(.76) U:A	.019(.75) U:A	.12(.77) U:A	-.45(.74) U:A
PLUTONIUM-239/240	.004(.005) U:V	(.001) U:V	-.001(.005) U:Y	.003(.003) U:V	.003(.003) U:V	.001(.003) U:V	(.004) U:V	(.003) U:V
TRITIUM	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-233,-234	.048(.048) U:V	-.031(.061) U:V	.089(.09) U:Y	-.029(.12) U:V	.035(.14) U:V	.19(.081) J:V	.014(.039) U:V	-.097(.13) U:V
URANIUM-235	-.01(.019) U:V	.037(.074) U:V	(.11) U:Y	(.071) U:V	.042(.084) U:V	.01(.019) U:V	-.023(.023) U:V	-.039(.078) U:V
URANIUM-238	.008(.016) U:V	.031(.061) U:V	.089(.09) U:Y	(.059) U:V	.035(.069) U:V	(.016) U:V	-.005(.019) U:V	-.032(.065) U:V
Test Group:V_TPH8015A Units:µg/L								
GASOLINE	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:WQPL Units:mg/L								
FLUORIDE	NA	NA	NA	NA	NA	NA	NA	NA
NITRATE/NITRITE	NA	NA	NA	NA	NA	NA	NA	NA

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TABLE E-45
Surface Soil Rinsate Results
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

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Sample Location: Sample Identification Number: Date Sampled:	SS809993 SSG0141JE 30-Nov-94	SS810593 SSG0123JE 1-Nov-94	SS810993 SSG0149JE 5-Dec-94	SS811493 SSG0147JE 2-Dec-94	SS811593 SSG0154JE 13-Dec-94	SS811893 SSG0150JE 6-Dec-94	SS812093 SSG0151JE 20-Dec-94	SS812593 SSG0126JE 7-Nov-94
Test Group:BNACLP Units:µg/L								
1,2,4-TRICHLOROBENZENE	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
1,2-DICHLOROBENZENE	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
1,3-DICHLOROBENZENE	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
1,4-DICHLOROBENZENE	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
2,4,5-TRICHLOROPHENOL	NA	NA	< 50 :V	< 50 :V	< 50 :V	< 50 :V	< 50 :V	NA
2,4,6-TRICHLOROPHENOL	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
2,4-DICHLOROPHENOL	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
2,4-DIMETHYLPHENOL	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
2,4-DINITROPHENOL	NA	NA	< 50 :V	< 50 :V	< 50 :V	< 50 :V	< 50 :V	NA
2,4-DINITROTOLUENE	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
2,6-DINITROTOLUENE	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
2-CHLORONAPHTHALENE	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
2-CHLOROPHENOL	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
2-METHYLNAPHTHALENE	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
2-METHYLPHENOL	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
2-NITROANILINE	NA	NA	< 50 :V	< 50 :V	< 50 :V	< 50 :V	< 50 :V	NA
2-NITROPHENOL	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
3,3'-DICHLOROBENZIDINE	NA	NA	< 20 :V	< 20 :V	< 20 :V	< 20 :V	< 20 :V	NA
3-NITROANILINE	NA	NA	< 50 :V	< 50 :R	< 50 :R	< 50 :V	< 50 :V	NA
4,6-DINITRO-2-METHYLPHENOL	NA	NA	< 50 :V	< 50 :V	< 50 :V	< 50 :V	< 50 :V	NA
4-CHLORO-3-METHYLPHENOL	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
4-CHLOROANILINE	NA	NA	< 10 :V	< 10 :R	< 10 :V	< 10 :V	< 10 :V	NA
4-CHLOROPHENYL PHENYL ETHER	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
4-METHYLPHENOL	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
4-NITROANILINE	NA	NA	< 50 :V	< 50 :R	< 50 :V	< 50 :V	< 50 :V	NA
4-NITROPHENOL	NA	NA	< 50 :V	< 50 :V	< 50 :V	< 50 :V	< 50 :V	NA
ACENAPHTHENE	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
ACENAPHTHYLENE	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
ANTHRACENE	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
BENZO(a)ANTHRACENE	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
BENZO(a)PYRENE	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
BENZO(b)FLUORANTHENE	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
BENZO(ghi)PERYLENE	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
BENZO(k)FLUORANTHENE	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
BENZOIC ACID	NA	NA	< 50 :V	< 50 :V	< 50 :V	< 50 :V	< 50 :V	NA
BENZYL ALCOHOL	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
BIS(2-CHLOROETHOXY)METHANE	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
BIS(2-CHLOROETHYL)ETHER	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA

TABLE E-45
Surface Soil Rinsate Results
OU8 - All IHSSs
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Sample Location: Sample Identification Number: Date Sampled:	SS809993 SSG0141JE 30-Nov-94	SS810593 SSG0123JE 1-Nov-94	SS810993 SSG0149JE 5-Dec-94	SS811493 SSG0147JE 2-Dec-94	SS811593 SSG0154JE 13-Dec-94	SS811893 SSG0150JE 6-Dec-94	SS812093 SSG0151JE 20-Dec-94	SS812593 SSG0126JE 7-Nov-94
BIS(2-CHLOROISOPROPYL)ETHER	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
BIS(2-ETHYLHEXYL)PHTHALATE	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
BUTYL BENZYL PHTHALATE	NA	NA	< 10 :V	< 10 :J	< 10 :V	< 10 :V	< 10 :J	NA
CHRYSENE	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
DI-n-BUTYL PHTHALATE	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
DI-n-OCTYL PHTHALATE	NA	NA	< 10 :V	< 10 :V	< 10 :J	< 10 :V	< 10 :V	NA
DIBENZO(a,h)ANTHRACENE	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
DIBENZOFURAN	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
DIETHYL PHTHALATE	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
DIMETHYL PHTHALATE	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
FLUORANTHENE	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
FLUORENE	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
HEXACHLOROBENZENE	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
HEXACHLOROBUTADIENE	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
HEXACHLOROCYCLOPENTADIENE	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
HEXACHLOROETHANE	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
INDENO(1,2,3-cd)PYRENE	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
ISOPHORONE	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
N-NITROSO-DI-n-PROPYLAMINE	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
N-NITROSODIPHENYLAMINE	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
NAPHTHALENE	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
NITROBENZENE	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
PENTACHLOROPHENOL	NA	NA	< 50 :V	< 50 :V	< 50 :V	< 50 :V	< 50 :V	NA
PHENANTHRENE	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
PHENOL	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
PYRENE	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
p-BROMODIPHENYL ETHER	NA	NA	< 10 :V	< 10 :V	< 10 :V	< 10 :V	< 10 :V	NA
Test Group:E_TPH8015A Units:mg/L								
DIESEL FUEL	NA	< .5 :Y	< .5 :Y	< .5 :Y	NA	NA	NA	NA
Test Group:METADD Units:µg/L								
CESIUM	NA	< 20 :J	< 12.9 :V	< 12.9 :J	< 50 :J	< 30 :J	< 50 :J	< 20 :J
LITHIUM	NA	< 1.1 :J	< 1.1 :V	< 1.1 :J	< 1.1 :J	< 1.1 :V	< 2 :J	< 1.1 :V
MOLYBDENUM	NA	< 2.4 :J	< 4.7 :J	< 2.4 :J	< 2.4 :J	< 2.4 :V	< 3.6 :J	< 3.1 :J
STRONTIUM	NA	< 1.3 :J	< .7 :V	< 1.5 :J	< 1.1 :J	< .78 :J	< .9 :J	1.1 B:V
TIN	NA	< 9.9 :J	< 9.9 :V	< 9.9 :J	< 9.9 :J	< 9.9 :V	< 13.3 :J	< 9.9 :V
Test Group:SMETCLP Units:µg/L								
ALUMINUM	NA	< 33 :J	< 22.4 :V	65.9 :J	< 22.4 :J	< 22.4 :V	43 B:J	45.9 B:V
ANTIMONY	NA	< 11.2 :J	< 11.2 :J	< 13.4 :J	< 11.2 :J	< 11.2 :V	< 17.8 :J	< 11.2 :J
ARSENIC	NA	< 1.7 :J	< 1.7 :V	< 1.7 :J	< 1.7 :J	< 1.7 :V	< 2 :R	< 1.7 :V

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TABLE E-45
Surface Soil Rinsate Results
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

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Sample Location: Sample Identification Number: Date Sampled:	SS809993 SSG0141JE 30-Nov-94	SS810593 SSG0123JE 1-Nov-94	SS810993 SSG0149JE 5-Dec-94	SS811493 SSG0147JE 2-Dec-94	SS811593 SSG0154JE 13-Dec-94	SS811893 SSG0150JE 6-Dec-94	SS812093 SSG0151JE 20-Dec-94	SS812593 SSG0126JE 7-Nov-94
BARIUM	NA	.41 B:J	< 4.4 :J	3 :J	1.3 B:J	< 1.2 :J	1.6 B:J	< 1.9 :J
BERYLLIUM	NA	< .3 :J	< .3 :V	< .3 :J	< .3 :J	< .3 :V	< .3 :J	< .3 :V
CADMIUM	NA	< 1.4 :J	< 1.4 :V	< 1.4 :J	< 1.4 :J	< 1.4 :V	< 1.4 :J	< 1.4 :V
CALCIUM	NA	< 73.4 :J	< 129 :J	< 334 :J	< 96.4 :J	< 73.4 :V	< 143 :J	154 B:V
CHROMIUM	NA	< 1.7 :J	< 1.7 :V	< 1.7 :J	< 1.7 :J	< 1.7 :V	< 2.1 :J	< 5.2 :J
COBALT	NA	< 2.3 :J	< 2.3 :V	< 2.3 :J	< 2.3 :J	< 2.3 :V	2.7 B:J	< 2.3 :V
COPPER	NA	< 4.1 :J	< 2.1 :V	< 6.7 :J	< 5.4 :J	< 5.3 :J	< 7.9 :J	< 26 :J
IRON	NA	< 32 :J	< 21.6 :J	112 :J	< 18.7 :J	< 19.8 :J	< 51.5 :J	77.4 B:V
LEAD	NA	3.7 B:J	1.5 B:V	4.9 :J	2.6 B:J	1.3 B:V	2 B:J	7.5 :J
MAGNESIUM	NA	< 40 :J	< 104 :J	82.6 :J	< 27.8 :J	< 32.7 :J	< 41.8 :J	38.2 B:J
MANGANESE	NA	< .9 :J	< .92 :J	2.4 :J	< .9 :J	< .9 :V	< 1.3 :J	1.5 B:V
MERCURY	NA	< .2 :J	< .2 :V	< .2 :J	< .2 :J	< .2 :V	< .2 :J	< .2 :V
NICKEL	NA	< 3.5 :J	< 3.5 :V	< 3.5 :J	< 3.5 :J	< 3.5 :V	< 2.8 :J	< 3.5 :V
POTASSIUM	NA	< 54.3 :J	< 127 :J	143 :J	< 54.3 :J	< 54.3 :V	97.5 B:J	635 B:V
SELENIUM	NA	< 2.5 :J	< 2.5 :J	< 2.5 :J	< 2.5 :J	< 2.5 :V	< 3 :J	< 2.5 :V
SILVER	NA	< 2.4 :J	< 2.4 :V	< 2.4 :J	< 2.4 :J	< 2.4 :V	< 4.1 :J	< 2.4 :V
SODIUM	NA	< 97.1 :J	< 134 :J	< 498 :J	< 69.7 :J	< 42.8 :J	71.1 B:J	683 B:V
THALLIUM	NA	< 1.7 :J	< 1.7 :V	< 1.7 :J	< 1.7 :J	< 1.7 :V	< 1.8 :J	< 1.7 :V
VANADIUM	NA	< 2.3 :J	< 2.6 :J	< 2.3 :J	< 2.3 :J	< 2.3 :V	< 2.4 :J	< 2.3 :V
ZINC	NA	< 6.3 :J	< 6.3 :V	< 7.3 :J	7.5 B:J	< 6.3 :V	< 3.6 :J	8.3 B:V
Test Group:TRADS Units:pCi/L								
AMERICIUM-241	.007(.004) J:V	NA	.003(.003) U:V	.002(.002) U:V	.004(.005) U:V	-.001(.004) U:V	.006(.007) U:V	NA
GROSS ALPHA	-.32(.37) U:R	NA	-.28(.35) U:A	.11(.22) U:A	.18(.36) U:Y	2.3(.71) :A	-.11(.45) U:Y	NA
GROSS BETA	.3(.74) U:A	NA	.016(.73) U:A	-.14(.51) U:A	.19(.74) U:Y	4.2(.9) :A	.13(.7) U:Y	NA
PLUTONIUM-239/240	.001(.002) U:V	NA	(.003) U:V	-.001(.003) U:V	.001(.001) U:V	.002(.002) U:V	-.004(.004) U:V	NA
TRITIUM	NA	57(150) U:A	NA	NA	NA	NA	NA	NA
URANIUM-233,-234	-.033(.066) U:V	NA	-.03(.18) U:V	.079(.11) U:V	.19(.31) U:A	-.023(.092) U:V	.2(.2) U:V	NA
URANIUM-235	(.079) U:V	NA	.036(.14) U:V	.032(.064) U:V	-.038(.075) U:A	(.056) U:V	.03(.061) U:V	NA
URANIUM-238	(.066) U:V	NA	(.059) U:V	.11(.11) U:V	(.062) U:A	.023(.046) U:V	.025(.05) U:V	NA
Test Group:V_TPH8015A Units:µg/L								
GASOLINE	NA	< 100 :Y	< 100 :Y	< 100 :Y	NA	NA	NA	NA
Test Group:WQPL Units:mg/L								
FLUORIDE	NA	NA	NA	NA	NA	NA	NA	NA
NITRATE/NITRITE	NA	NA	NA	NA	NA	NA	NA	77 :V

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TABLE E-46
Surface Soil Rinsate Data Summary
OU8 - IHSSs
Rocky Flats Environmental Technology Site

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	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
Test Group:BNACLP Units:µg/L							
1,2,4-TRICHLOROBENZENE	10	10	SS800293 (18)	10	SS800293 (18)		
1,2-DICHLOROBENZENE	10	10	SS800293 (18)	10	SS800293 (18)		
1,3-DICHLOROBENZENE	10	10	SS800293 (18)	10	SS800293 (18)		
1,4-DICHLOROBENZENE	10	10	SS800293 (18)	10	SS800293 (18)		
2,4,5-TRICHLOROPHENOL	50	50	SS800893 (16)	51	SS800293 (2)		
2,4,6-TRICHLOROPHENOL	10	10	SS800293 (18)	10	SS800293 (18)		
2,4-DICHLOROPHENOL	10	10	SS800293 (18)	10	SS800293 (18)		
2,4-DIMETHYLPHENOL	10	10	SS800293 (18)	10	SS800293 (18)		
2,4-DINITROPHENOL	50	50	SS800893 (16)	51	SS800293 (2)		
2,4-DINITROTOLUENE	10	10	SS800293 (18)	10	SS800293 (18)		
2,6-DINITROTOLUENE	10	10	SS800293 (18)	10	SS800293 (18)		
2-CHLORONAPHTHALENE	10	10	SS800293 (18)	10	SS800293 (18)		
2-CHLOROPHENOL	10	10	SS800293 (18)	10	SS800293 (18)		
2-METHYLNAPHTHALENE	10	10	SS800293 (18)	10	SS800293 (18)		
2-METHYLPHENOL	10	10	SS800293 (18)	10	SS800293 (18)		
2-NITROANILINE	50	50	SS800893 (16)	51	SS800293 (2)		
2-NITROPHENOL	10	10	SS800293 (18)	10	SS800293 (18)		
3,3'-DICHLOROBENZIDINE	20	20	SS800293 (18)	20	SS800293 (18)		
3-NITROANILINE	50	50	SS800893 (14)	50	SS800893 (14)		
4,6-DINITRO-2-METHYLPHENOL	50	50	SS800893 (16)	51	SS800293 (2)		
4-CHLORO-3-METHYLPHENOL	10	10	SS800293 (18)	10	SS800293 (18)		
4-CHLOROANILINE	10	10	SS800893 (16)	10	SS800893 (16)		
4-CHLOROPHENYL PHENYL ETHER	10	10	SS800293 (18)	10	SS800293 (18)		
4-METHYLPHENOL	10	10	SS800293 (18)	10	SS800293 (18)		
4-NITROANILINE	50	50	SS800893 (15)	51	SS808093 (1)		
4-NITROPHENOL	50	50	SS800893 (16)	51	SS800293 (2)		
ACENAPHTHENE	10	10	SS800293 (18)	10	SS800293 (18)		
ACENAPHTHYLENE	10	10	SS800293 (18)	10	SS800293 (18)		
ANTHRACENE	10	10	SS800293 (18)	10	SS800293 (18)		
BENZO(a)ANTHRACENE	10	10	SS800293 (18)	10	SS800293 (18)		
BENZO(a)PYRENE	10	10	SS800293 (18)	10	SS800293 (18)		
BENZO(b)FLUORANTHENE	10	10	SS800293 (18)	10	SS800293 (18)		
BENZO(ghi)PERYLENE	10	10	SS800293 (18)	10	SS800293 (18)		
BENZO(k)FLUORANTHENE	10	10	SS800293 (18)	10	SS800293 (18)		
BENZOIC ACID	50	50	SS800893 (16)	51	SS800293 (2)		
BENZYL ALCOHOL	10	10	SS800293 (13)	10	SS800293 (13)		
BIS(2-CHLOROETHOXY)METHANE	10	10	SS800293 (18)	10	SS800293 (18)		
BIS(2-CHLOROETHYL)ETHER	10	10	SS800293 (18)	10	SS800293 (18)		
BIS(2-CHLOROISOPROPYL)ETHER	10	10	SS800293 (18)	10	SS800293 (18)		

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TABLE E-46
Surface Soil Rinsate Data Summary
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	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
BIS(2-ETHYLHEXYL)PHTHALATE	10	10	SS800293 (17)	10	SS800293 (17)	4 J:A	SS809093 (1)
BUTYL BENZYL PHTHALATE	10	10	SS800293 (18)	10	SS800293 (18)		
CHRYSENE	10	10	SS800293 (18)	10	SS800293 (18)		
DI-n-BUTYL PHTHALATE	10	10	SS800293 (18)	10	SS800293 (18)		
DI-n-OCTYL PHTHALATE	10	10	SS800293 (18)	10	SS800293 (18)		
DIBENZO(a,h)ANTHRACENE	10	10	SS800293 (18)	10	SS800293 (18)		
DIBENZOFURAN	10	10	SS800293 (18)	10	SS800293 (18)		
DIETHYL PHTHALATE	10	10	SS800293 (18)	10	SS800293 (18)		
DIMETHYL PHTHALATE	10	10	SS800293 (18)	10	SS800293 (18)		
FLUORANTHENE	10	10	SS800293 (18)	10	SS800293 (18)		
FLUORENE	10	10	SS800293 (18)	10	SS800293 (18)		
HEXACHLOROBENZENE	10	10	SS800293 (18)	10	SS800293 (18)		
HEXACHLOROBUTADIENE	10	10	SS800293 (18)	10	SS800293 (18)		
HEXACHLOROCYCLOPENTADIENE	10	10	SS800293 (18)	10	SS800293 (18)		
HEXACHLOROETHANE	10	10	SS800293 (18)	10	SS800293 (18)		
INDENO(1,2,3-cd)PYRENE	10	10	SS800293 (18)	10	SS800293 (18)		
ISOPHORONE	10	10	SS800293 (18)	10	SS800293 (18)		
N-NITROSO-DI-n-PROPYLAMINE	10	10	SS800293 (18)	10	SS800293 (18)		
N-NITROSODIPHENYLAMINE	10	10	SS800293 (18)	10	SS800293 (18)		
NAPHTHALENE	10	10	SS800293 (18)	10	SS800293 (18)		
NITROBENZENE	10	10	SS800293 (18)	10	SS800293 (18)		
PENTACHLOROPHENOL	50	50	SS800893 (16)	51	SS800293 (2)		
PHENANTHRENE	10	10	SS800293 (18)	10	SS800293 (18)		
PHENOL	10	10	SS800293 (18)	10	SS800293 (18)		
PYRENE	10	10	SS800293 (18)	10	SS800293 (18)		
p-BROMODIPHENYL ETHER	10	10	SS800293 (18)	10	SS800293 (18)		
Test Group:E_TPH8015A Units:mg/L							
DIESEL FUEL	0.5	0.5	SS800293 (6)	0.5	SS800293 (6)		
Test Group:METADD Units:µg/L							
CESIUM	1000	12.9	SS800293 (7)	50	SS801893 (3)		
LITHIUM	100	1.1	SS800293 (21)	2.3	SS803293 (1)		
MOLYBDENUM	200	2.4	SS800293 (19)	4.7	SS810993 (1)		
STRONTIUM	200	0.7	SS800893 (8)	1.7	SS801893 (2)	1.1 B:V	SS812593 (1)
TIN	200	9.9	SS800293 (22)	13.3	SS812093 (1)		
Test Group:SMETCLP Units:µg/L							
ALUMINUM	200	22.4	SS800893 (8)	78.3	SS804093 (1)	29.4 :J	SS801893 (1)
ANTIMONY	60	11.2	SS800293 (20)	17.8	SS812093 (1)		
ARSENIC	10	1.7	SS800293 (22)	1.7	SS800293 (22)		
BARIUM	200	0.4	SS801093 (3)	4.4	SS810993 (1)	.41 B:J	SS810593 (1)
BERYLLIUM	5	0.3	SS800293 (22)	0.32	SS809093 (1)		

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TABLE E-46
Surface Soil Rinsate Data Summary
OU8 - IHSSs
Rocky Flats Environmental Technology Site

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	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
CADMIUM	5	1.4	SS800293 (23)	1.4	SS800293 (23)		
CALCIUM	5000	73.4	SS800893 (7)	504	SS809493 (1)	154 B:V	SS812593 (1)
CHROMIUM	10	1.7	SS800293 (15)	5.2	SS812593 (1)	1.9 B:V	SS804093 (1)
COBALT	50	2.3	SS800293 (22)	2.3	SS800293 (22)	2.7 B:J	SS812093 (1)
COPPER	25	2.1	SS801093 (2)	26	SS812593 (1)		
IRON	100	14.4	SS801093 (1)	81.2	SS803293 (1)	57.4 B:V	SS809393 (1)
LEAD	3	2.2	SS805293 (1)	3.9	SS801893 (1)	1.2 B:V	SS802493 (2)
MAGNESIUM	5000	19.8	SS801093 (4)	104	SS810993 (1)	34.8 B:J	SS809393 (1)
MANGANESE	15	0.9	SS800893 (9)	2.6	SS809493 (1)	1 B:V	SS808093 (1)
MERCURY	0.2	0.2	SS800293 (23)	0.2	SS800293 (23)		
NICKEL	40	2.8	SS812093 (1)	3.5	SS800293 (22)		
POTASSIUM	5000	54.3	SS801093 (7)	183	SS803293 (1)	67.5 B:J	SS805293 (1)
SELENIUM	5	2.5	SS800293 (22)	3	SS812093 (1)		
SILVER	10	2.4	SS800293 (22)	4.1	SS812093 (1)		
SODIUM	5000	42.8	SS811893 (1)	498	SS811493 (1)	71.1 B:J	SS812093 (1)
THALLIUM	10	1.7	SS800893 (21)	2.1	SS800293 (1)		
VANADIUM	50	2.3	SS800293 (20)	3.2	SS803293 (1)		
ZINC	20	3.6	SS812093 (1)	10.5	SS806793 (1)	7.5 B:J	SS811593 (1)
Test Group:TRADS Units:pCi/L							
AMERICIUM-241	0.01	**	**	**	**	-.003(.006) U:V	SS800893 (2)
GROSS ALPHA	0.9	**	**	**	**	-.38(.62) U:A	SS801893 (1)
GROSS BETA	1	**	**	**	**	-.65(.75) U:A	SS806293 (1)
PLUTONIUM-239/240	0.01	**	**	**	**	-.004(.004) U:V	SS812093 (1)
TRITIUM	300	**	**	**	**	57(150) U:A	SS810593 (1)
URANIUM-233,-234	0.3	**	**	**	**	-.097(.13) U:V	SS809493 (1)
URANIUM-235	0.2	**	**	**	**	-.039(.078) U:V	SS809493 (1)
URANIUM-238	0.2	**	**	**	**	-.032(.065) U:V	SS809493 (1)
Test Group:V_TPH8015A Units:µg/L							
GASOLINE	100	100	SS800293 (7)	100	SS800293 (7)		
Test Group:WQPL Units:mg/L							
FLUORIDE	0.1	0.1	SS800293 (2)	0.1	SS800293 (2)		
NITRATE/NITRITE	50	50	SS804093 (1)	50	SS804093 (1)	77 :V	SS812593 (1)

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TABLE E-46
Surface Soil Rinsate Data Summary
OU8 - IHSSs
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:BNACLP Units:µg/L					
1,2,4-TRICHLOROBENZENE			0	18	0
1,2-DICHLOROBENZENE			0	18	0
1,3-DICHLOROBENZENE			0	18	0
1,4-DICHLOROBENZENE			0	18	0
2,4,5-TRICHLOROPHENOL			0	18	0
2,4,6-TRICHLOROPHENOL			0	18	0
2,4-DICHLOROPHENOL			0	18	0
2,4-DIMETHYLPHENOL			0	18	0
2,4-DINITROPHENOL			0	18	0
2,4-DINITROTOLUENE			0	18	0
2,6-DINITROTOLUENE			0	18	0
2-CHLORONAPHTHALENE			0	18	0
2-CHLOROPHENOL			0	18	0
2-METHYLNAPHTHALENE			0	18	0
2-METHYLPHENOL			0	18	0
2-NITROANILINE			0	18	0
2-NITROPHENOL			0	18	0
3,3'-DICHLOROBENZIDINE			0	18	0
3-NITROANILINE			0	18	0
4,6-DINITRO-2-METHYLPHENOL			0	14	0
4-CHLORO-3-METHYLPHENOL			0	18	0
4-CHLOROANILINE			0	18	0
4-CHLOROPHENYL PHENYL ETHER			0	16	0
4-METHYLPHENOL			0	18	0
4-NITROANILINE			0	18	0
4-NITROPHENOL			0	16	0
ACENAPHTHENE			0	18	0
ACENAPHTHYLENE			0	18	0
ANTHRACENE			0	18	0
BENZO(a)ANTHRACENE			0	18	0
BENZO(a)PYRENE			0	18	0
BENZO(b)FLUORANTHENE			0	18	0
BENZO(ghi)PERYLENE			0	18	0
BENZO(k)FLUORANTHENE			0	18	0
BENZOIC ACID			0	18	0
BENZYL ALCOHOL			0	18	0
BIS(2-CHLOROETHOXY)METHANE			0	13	0
BIS(2-CHLOROETHYL)ETHER			0	18	0
BIS(2-CHLOROISOPROPYL)ETHER			0	18	0

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TABLE E-46
Surface Soil Rinsate Data Summary
OU8 - IHSSs
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
BIS(2-ETHYLHEXYL)PHTHALATE	4 J:A	SS809093 (1)	1	18	4.9444
BUTYL BENZYL PHTHALATE			0	18	0
CHRYSENE			0	18	0
DI-n-BUTYL PHTHALATE			0	18	0
DI-n-OCTYL PHTHALATE			0	18	0
DIBENZO(a,h)ANTHRACENE			0	18	0
DIBENZOFURAN			0	18	0
DIETHYL PHTHALATE			0	18	0
DIMETHYL PHTHALATE			0	18	0
FLUORANTHENE			0	18	0
FLUORENE			0	18	0
HEXACHLOROBENZENE			0	18	0
HEXACHLOROBUTADIENE			0	18	0
HEXACHLOROCYCLOPENTADIENE			0	18	0
HEXACHLOROETHANE			0	18	0
INDENO(1,2,3-cd)PYRENE			0	18	0
ISOPHORONE			0	18	0
N-NITROSO-DI-n-PROPYLAMINE			0	18	0
N-NITROSODIPHENYLAMINE			0	18	0
NAPHTHALENE			0	18	0
NITROBENZENE			0	18	0
PENTACHLOROPHENOL			0	18	0
PHENANTHRENE			0	18	0
PHENOL			0	18	0
PYRENE			0	18	0
p-BROMODIPHENYL ETHER			0	18	0
Test Group:E_TPH8015A Units:mg/L					
DIESEL FUEL			0	6	0
Test Group:METADD Units:µg/L					
CESIUM			0	23	0
LITHIUM			0	23	0
MOLYBDENUM			0	23	0
STRONTIUM	1.1 B:V	SS812593 (1)	1	23	0.5111
TIN			0	23	0
Test Group:SMETCLP Units:µg/L					
ALUMINUM	98.7 B:V	SS800293 (1)	9	23	31.5261
ANTIMONY			0	23	0
ARSENIC			0	22	0
BARIUM	3 :J	SS811493 (1)	9	23	0.9911
BERYLLIUM			0	23	0

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TABLE E-46
Surface Soil Rinsate Data Summary
OU8 - IHSSs
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
CADMIUM			0	23	0
CALCIUM	154 B:V	SS812593 (1)	1	23	77.95
CHROMIUM	13.4 :J	SS800893 (1)	4	22	1.9136
COBALT	2.7 B:J	SS812093 (1)	1	23	1.2174
COPPER			0	23	0
IRON	162 :J	SS805293 (1)	8	23	50.4783
LEAD	10 :V	SS804093 (1)	20	23	3.4413
MAGNESIUM	82.6 :J	SS811493 (1)	8	23	31.4761
MANGANESE	2.4 :J	SS811493 (1)	10	23	1.0113
MERCURY			0	23	0
NICKEL			0	23	0
POTASSIUM	636 B:V	SS804093 (1)	12	21	180.3024
SELENIUM			0	23	0
SILVER			0	23	0
SODIUM	1170 :V	SS800293 (1)	13	23	251.0652
THALLIUM			0	23	0
VANADIUM			0	23	0
ZINC	14.6 B:J	SS803293 (2)	5	23	4.95
Test Group:TRADS Units:pCi/L					
AMERICIUM-241	.007(.008) U:V	SS805293 (3)	21	21	0.0027
GROSS ALPHA	2.3(.71) :A	SS811893 (1)	16	16	0.0918
GROSS BETA	4.2(.9) :A	SS811893 (1)	21	21	0.1861
PLUTONIUM-239/240	.004(.005) U:V	SS805993 (1)	21	21	0.0007
TRITIUM	58(160) U:A	SS801093 (1)	2	2	57.5
URANIUM-233,-234	.2(.2) U:VV	SS812093 (1)	21	21	0.0325
URANIUM-235	.042(.084) U:V	SS808193 (1)	21	21	0.0037
URANIUM-238	.11(.11) U:V	SS811493 (1)	21	21	0.0192
Test Group:V_TPH8015A Units:µg/L					
GASOLINE			0	7	0
Test Group:WQPL Units:mg/L					
FLUORIDE			0	2	0
NITRATE/NITRITE	3720 :V	SS803293 (1)	3	4	977.325

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TABLE E-47
Surface Soil Duplicate Positive Results
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

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Sample Location: Sample Identification Number: Date Sampled:	MDL	PRG / BKGND	SS800793 SSG0007JE 1-Dec-94	SS800793 SSG0145JE 1-Dec-94	SS802093 SSG0020JE 27-Oct-94	SS802093 SSG0120JE 27-Oct-94	SS802693 SSG0026JE 31-Oct-94	SS802693 SSG0122JE 31-Oct-94	SS803193 SSG0031JE 30-Nov-94	SS803193 SSG0143JE 30-Nov-94	SS804393 SSG0037JE 21-Nov-94
Test Group:BNACLP Units:µg/kg											
2-METHYLNAPHTHALENE	330	0.00E 0 / 0.00E 0			140 J:A-	170 J:A-					2500 DJ:A-
4-NITROANILINE	1600	0.00E 0 / 0.00E 0									
ACENAPHTHENE	330	1.65E 7 / 0.00E 0			810 :V	1000 :V	38 J:A	43 J:A			7100 D:V
ACENAPHTHYLENE	330	0.00E 0 / 0.00E 0				53 J:A-					
ANTHRACENE	330	8.23E 7 / 0.00E 0			930 :V	1100 :V		42 J:A			9000 D:V
BENZO(a)ANTHRACENE	330	8.77E 2 / 0.00E 0	55 J:A	38 J:A	1700 :V*	1900 :V*	150 J:A	180 J:A			13000 D:V*
BENZO(a)PYRENE	330	8.77E 1 / 0.00E 0	71 J:A	44 J:A	1500 :V*	1500 :V*	210 J:A*	250 J:A*			13000 D:JA*
BENZO(b)FLUORANTHENE	330	8.77E 2 / 0.00E 0	100 J:A	59 J:A	2100 :V*	2500 :V*	300 J:A	340 J:A			13000 D:JA*
BENZO(ghi)PERYLENE	330	0.00E 0 / 0.00E 0			600 :V-	320 J:A-	99 J:A-	110 J:A-			6200 DJ:A-
BENZO(k)FLUORANTHENE	330	8.77E 3 / 0.00E 0	39 J:A		660 :JA	630 :JA	110 J:A	130 J:A			9300 D:JA*
BENZOIC ACID	1600	1.00E 9 / 0.00E 0						230 J:A			
BIS(2-ETHYLHEXYL)PHTHALATE	330	4.57E 4 / 0.00E 0	80 J:A	93 J:A	280 J:A	200 J:A					
BUTYL BENZYL PHTHALATE	330	5.49E 7 / 0.00E 0	100 J:A	88 J:A			120 J:A	2600 :V			
CHRYSENE	330	8.77E 4 / 0.00E 0	67 J:A	47 J:A	1800 :V	2000 :V	230 J:A	260 J:A			16000 D:V
DI-n-BUTYL PHTHALATE	330	2.74E 7 / 0.00E 0				42 J:A	37 J:A	56 J:A			
DI-n-OCTYL PHTHALATE	330	4.57E 4 / 0.00E 0	58 J:A								
DIBENZO(a,h)ANTHRACENE	330	8.77E 1 / 0.00E 0			360 J:A*	360 J:A*					
DIBENZOFURAN	330	0.00E 0 / 0.00E 0			300 J:A-	360 J:A-					3800 DJ:A-
FLUORANTHENE	330	1.10E 7 / 0.00E 0	130 J:A	81 J:A	6000 D:V	5800 D:V	440 :V	500 :V			34000 D:V
FLUORENE	330	1.10E 7 / 0.00E 0			680 :V	810 :V					6700 DJ:A
INDENO(1,2,3-cd)PYRENE	330	8.77E 2 / 0.00E 0			1100 :V*	1100 :V*	91 J:A	110 J:A			5400 DJ:A*
NAPHTHALENE	330	1.10E 7 / 0.00E 0			310 J:A	380 :V					7300 D:V
PENTACHLOROPHENOL	1600	5.34E 3 / 0.00E 0					42 J:A				
PHENANTHRENE	330	0.00E 0 / 0.00E 0	85 J:A-	47 J:A-	5100 D:V-	5000 D:V-	290 J:A-	320 J:A-			36000 D:V-
PYRENE	330	8.23E 6 / 0.00E 0	120 J:A	74 J:A	4400 D:V	4200 D:V	370 :V	430 :V			34000 D:V
Test Group:METADD Units:mg/kg											
CESIUM	200	0.00E 0 / 7.00E 0									
LITHIUM	20	5.49E 3 / 15.08E 0	5.2 B:V	5.5 B:V	9.6 B:V	8.7 B:V	7.8 B:V	6.5 B:V	6 B:V	5.6 B:V	8.2 B:V
MOLYBDENUM	40	1.37E 3 / 0.90E 0			7.8 B:JA#	10.1 B:JA#					
STRONTIUM	40	1.65E 5 / 67.92E 0	23.4 B:V	21.2 B:V	99.5 :JA#	98.3 :JA#	22.6 B:V	20.2 B:V	10.6 B:V	8.4 B:V	17.1 B:V
Test Group:SMETCLP Units:mg/kg											
ALUMINUM	40	7.96E 5 / 22999.00E 0	4560 :V	4770 :V	19600 :V	17700 :V	7440 :V	6320 :V	3380 :V	3030 :V	8460 :V
ANTIMONY	12	1.10E 2 / 0.47E 0			3.1 B:JA#	2.8 B:JA#		3.2 B:JA#			
ARSENIC	2	3.66E-1 / 13.75E 0	2.2 :JA*	2.7 :V*	14.2 :V*#	15.4 :V*#	2.9 :V*	2.9 :V*	1.6 B:JA*	1.1 B:JA*	3.7 :V*
BARIUM	40	1.91E 4 / 176.00E 0	97.4 :V	92.7 :V	166 :V	168 :V	85.6 :V	68.4 :V	41.2 B:V	33.7 B:V	78.1 :V
BERYLLIUM	1	1.49E-1 / 1.25E 0	.32 B:V*	.31 B:V*	.64 B:V*	.59 B:V*	.94 B:V*	.84 B:V*	.15 B:V*	.12 B:V	.5 B:V*
CADMIUM	1	1.37E 2 / 2.34E 0			3.8 :V#	3.9 :V#	3.5 :V#	3.1 :V#			
CALCIUM	1000	0.00E 0 / 5839.00E 0	11400 :V#	9320 :V#	12900 :V#	12400 :V#	9880 :V#	7640 :V#	1510 :V	1550 :V	3090 :V
CHROMIUM	2	0.00E 0 / 22.21E 0	9.7 :V	13.8 :V	50.4 :V#	54 :V#	13.4 :V	11.1 :V	14.9 :V	9.7 :V	12 :V
COBALT	10	1.65E 4 / 14.22E 0	4 B:V	5 B:V	7 B:V	7.2 B:V	7.6 B:V	5.6 B:V	9.6 B:V	7.3 B:V	23.8 :V#
COPPER	5	1.10E 4 / 22.75E 0	12.8 :V	12.7 :V	1860 :V#	550 :V#	25 :V#	21.6 :V	15.5 :V	12.7 :V	58.2 :V#
IRON	20	0.00E 0 / 23063.00E 0	7030 :V	8110 :V	39600 :V#	47000 :V#	16600 :V	12200 :V	6960 :V	6470 :V	12400 :JA
LEAD	1	0.00E 0 / 73.87E 0	9 :V	9.8 :V	98 :V#	103 :V#	25.7 I:JA	16.4 I:JA	6.4 :V	4.1 :V	16 :V
MAGNESIUM	1000	0.00E 0 / 3707.00E 0	2030 :V	1890 :V	2590 :V	2480 :V	4430 :V#	2750 :V	1830 :V	2040 :V	2000 :V
MANGANESE	3	1.36E 3 / 482.10E 0	141 :V	170 :V	309 :V	312 :V	343 :V	263 :V	89.5 :V	86.7 :V	261 :JA
MERCURY	0.2	8.23E 1 / 0.19E 0			.27 :V#	.15 :V	.06 B:V	.06 B:V			

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TABLE E-47
Surface Soil Duplicate Positive Results
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	MDL	PRG / BKGND	SS800793 SSG0007JE 1-Dec-94	SS800793 SSG0145JE 1-Dec-94	SS802093 SSG0020JE 27-Oct-94	SS802093 SSG0120JE 27-Oct-94	SS802693 SSG0026JE 31-Oct-94	SS802693 SSG0122JE 31-Oct-94	SS803193 SSG0031JE 30-Nov-94	SS803193 SSG0143JE 30-Nov-94	SS804393 SSG0037JE 21-Nov-94
NICKEL	8	5.49E 3 / 19.74E 0	7.7 B:V	7.5 B:V	16.8 :V	20 :V#	8.9 :V	8.2 :V	9.1 :V	7.1 B:V	9.9 :V
POTASSIUM	2000	0.00E 0 / 3797.00E 0	1200 :V	1260 :V	2300 :V	2150 :V	2340 :V	1710 :V	1740 :V	1480 :V	1400 :V
SILVER	2	1.37E 3 / 0.22E 0			4.1 :JA#	5.1 :JA#	.84 B:V#	1.1 B:V#	4.4 :V#		2.8 :V#
SODIUM	2000	0.00E 0 / 119.02E 0			208 B:JA#	205 B:JA#	137 B:V#	115 B:V	459 B:V#	427 B:V#	111 B:V
VANADIUM	10	1.92E 3 / 61.84E 0	17.3 :V	19.9 :V	26.6 :V	24 :V	30.7 :V	22.5 :V	25.3 :V	21.8 :V	22.7 :V
ZINC	4	8.23E 4 / 95.92E 0	72 :V	75.5 :V	1010 :V#	1170 :V#	501 :V#	425 :V#	23.7 :V	23.1 :V	45.1 :JA
Test Group:TRADS Units:pCi/g											
AMERICIUM-241	0	2.37E 0 / 0.04E 0			.22(.044) :V	.24(.046) :V	6.3(.73) :V	6.4(.64) :V			
GROSS ALPHA	0	0.00E 0 / 44.56E 0			26(4) :A	23(3.7) :A	19(3.4) :A	30(4) :A			18(3.5) :A
GROSS BETA	0	0.00E 0 / 55.35E 0			27(3.6) :A	24(3.3) :A	30(3.5) :A	24(3.5) :A			34(3.5) :A
PLUTONIUM-239/240	0	3.43E 0 / 0.08E 0			.64(.058) B:V	.63(.057) B:V	5.2(.14) B:V	5.6(.19) :V			
URANIUM-233,-234	0	4.53E 1 / 3.31E 0			5(.58) B:V	2.9(.48) B:V	.87(.19) :V	.95(.18) :V			
URANIUM-235	0	1.73E-1 / 0.13E 0			.42(.14) :V	.11(.086) J:V					
URANIUM-238	0	8.00E-1 / 2.83E 0			4.6(.55) B:V	2.6(.44) B:V	.93(.19) :V	.83(.16) :V			
Test Group:WQPL Units:µg/g											
FLUORIDE	0	E 0 / E 0	2.33 :V-	2.97 :V-							
NITRATE/NITRITE	0	E 0 / E 0	32.4 :JA-	24.7 :JA-					24.8 :JA-	31.1 :JA-	30.6 :V-

TABLE E-47
Surface Soil Duplicate Positive Results
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

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Sample Location: Sample Identification Number: Date Sampled:	MDL	PRG / BKGND	SS804393 SSG0140JE 21-Nov-94	SS805593 SSG0049JE 10-Nov-94	SS805593 SSG0132JE 10-Nov-94	SS806793 SSG0061JE 15-Nov-94	SS806793 SSG0134JE 15-Nov-94	SS807893 SSG0072JE 12-Dec-94	SS807893 SSG0153JE 12-Dec-94	SS808393 SSG0077JE 18-Nov-94	SS808393 SSG0137JE 18-Nov-94
Test Group:BNACLP Units:µg/kg											
2-METHYLNAPHTHALENE	330	0.00E 0 / 0.00E 0						360 J:A-	500 :V-		
4-NITROANILINE	1600	0.00E 0 / 0.00E 0				120 J:A-	97 J:A-				
ACENAPHTHENE	330	1.65E 7 / 0.00E 0	2200 DJ:A					2600 :V	3000 DJ:V		
ACENAPHTHYLENE	330	0.00E 0 / 0.00E 0						58 J:A-			
ANTHRACENE	330	8.23E 7 / 0.00E 0	2900 DJ:A					3000 :V	4000 D:V		
BENZO(a)ANTHRACENE	330	8.77E 2 / 0.00E 0	6200 DJ:A*			51 J:A		5700 D:V*	9200 D:V*	38 J:A	
BENZO(a)PYRENE	330	8.77E 1 / 0.00E 0	6900 DJ:A*			140 J:A*		6300 D:V*	9400 D:V*		
BENZO(b)FLUORANTHENE	330	8.77E 2 / 0.00E 0	7600 D:JA*			110 J:A	53 J:A	7600 D:V*	12000 D:V*		
BENZO(ghi)PERYLENE	330	0.00E 0 / 0.00E 0	4000 DJ:A-					1900 :V-	2500 :V-		
BENZO(k)FLUORANTHENE	330	8.77E 3 / 0.00E 0	4400 DJ:A			38 J:A		1800 :V	2400 :V		
BENZOIC ACID	1600	1.00E 9 / 0.00E 0									
BIS(2-ETHYLHEXYL)PHTHALATE	330	4.57E 4 / 0.00E 0					46 J:A	98 J:A		44 J:A	49 J:A
BUTYL BENZYL PHTHALATE	330	5.49E 7 / 0.00E 0									
CHRYSENE	330	8.77E 4 / 0.00E 0	8100 D:V			68 J:A	37 J:A	6400 D:V	11000 D:V	41 J:A	
DI-n-BUTYL PHTHALATE	330	2.74E 7 / 0.00E 0									
DI-n-OCTYL PHTHALATE	330	4.57E 4 / 0.00E 0									
DIBENZO(a,h)ANTHRACENE	330	8.77E 1 / 0.00E 0									
DIBENZOFURAN	330	0.00E 0 / 0.00E 0	880 DJ:A-					930 :V-	1200 :V-		
FLUORANTHENE	330	1.10E 7 / 0.00E 0	16000 D:V	45 J:A	61 J:A	130 J:A	60 J:A	12000 D:V	24000 D:V	75 J:A	
FLUORENE	330	1.10E 7 / 0.00E 0	1800 DJ:A					2100 :V	2800 :V		
INDENO(1,2,3-cd)PYRENE	330	8.77E 2 / 0.00E 0	3400 DJ:A*			48 J:A		2100 :V*	2800 :V*		
NAPHTHALENE	330	1.10E 7 / 0.00E 0	800 DJ:A					980 :V	1100 :V		
PENTACHLOROPHENOL	1600	5.34E 3 / 0.00E 0									
PHENANTHRENE	330	0.00E 0 / 0.00E 0	14000 D:V-		43 J:A-	78 J:A-		13000 D:V-	22000 D:V-	58 J:A-	
PYRENE	330	8.23E 6 / 0.00E 0	15000 D:V	42 J:A	56 J:A	220 J:A	49 J:A	11000 D:V	26000 D:V		
Test Group:METADD Units:mg/kg											
CESIUM	200	0.00E 0 / 7.00E 0									
LITHIUM	20	5.49E 3 / 15.08E 0	8.7 B:V	2.7 B:V	2.3 B:V	5.9 B:V	5.6 B:V	6.2 B:V	5.1 B:V	6.4 B:V	6 B:V
MOLYBDENUM	40	1.37E 3 / 0.90E 0									
STRONTIUM	40	1.65E 5 / 67.92E 0	41.2 :V	11.4 B:V	14 B:V	7.7 B:V	8.2 B:V	45.2 :V	43.1 :V	10.7 B:V	10.3 B:V
Test Group:SMETCLP Units:mg/kg											
ALUMINUM	40	7.96E 5 / 22999.00E 0	13100 :V	2320 :V	2410 :V	4640 :V	4800 :V	6800 :V	6520 :V	6440 :V	5570 :V
ANTIMONY	12	1.10E 2 / 0.47E 0									
ARSENIC	2	3.66E-1 / 13.75E 0	2.8 :V*	4 :V*	4.5 :V*	1.9 B:V*	1.2 B:V*	5.5 :V*	5 :V*	2.5 :V*	1.6 B:V*
BARIUM	40	1.91E 4 / 176.00E 0	74.6 :V	39.5 B:V	38.4 B:V	47.2 :V	51.8 :V	126 :V	140 :V	50.9 :V	53.4 :V
BERYLLIUM	1	1.49E-1 / 1.25E 0	.65 B:V*			.21 B:V*	.19 B:V*	.7 B:V*	.65 B:V*	.3 B:V*	.24 B:V*
CADMIUM	1	1.37E 2 / 2.34E 0			.82 B:V						
CALCIUM	1000	0.00E 0 / 5839.00E 0	4930 :V	1190 I:JA	2230 I:JA	1170 :V	1340 :V	22600 I:JA#	18600 I:JA#	4960 :V	3350 :V
CHROMIUM	2	0.00E 0 / 22.21E 0	10 :V	4.8 :V	4.3 :V	8.5 :V	7.9 :V	8.7 :V	7.6 :V	8.2 :V	8.1 :V
COBALT	10	1.65E 4 / 14.22E 0	4.4 B:V	3.7 B:V	3.2 B:V	5 B:V	4.5 B:V	8.1 B:V	5.4 B:V	4.1 B:V	4.3 B:V
COPPER	5	1.10E 4 / 22.75E 0	14.9 :V	12.8 :JA	13.7 :JA	17.6 :JA	13.4 :JA	12.8 :JA	11.6 :JA	13.7 :JA	13.8 :JA
IRON	20	0.00E 0 / 23063.00E 0	12500 :JA	4170 :V	4280 :V	8520 :V	8470 :V	11100 :V	9740 :V	9900 :V	9710 :V
LEAD	1	0.00E 0 / 73.87E 0	10.5 :V	4.5 :V	8.1 :V	10.9 :V	8.7 :V	17.3 :JA	15.3 :JA	9 :V	8.5 :V
MAGNESIUM	1000	0.00E 0 / 3707.00E 0	1960 :V	845 B:V	783 B:V	1740 :V	1810 :V	1880 :V	1670 :V	2100 :V	2090 :V
MANGANESE	3	1.36E 3 / 482.10E 0	141 :JA	68.7 :V	78.2 :V	172 :V	168 :V	216 :V	172 :V	159 :V	158 :V
MERCURY	0.2	8.23E 1 / 0.19E 0	.41 :V#					.05 B:V			

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TABLE E-47
Surface Soil Duplicate Positive Results
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Sample Location: Sample Identification Number: Date Sampled:	MDL	PRG / BKGND	SS804393 SSG0140JE 21-Nov-94	SS805593 SSG0049JE 10-Nov-94	SS805593 SSG0132JE 10-Nov-94	SS806793 SSG0061JE 15-Nov-94	SS806793 SSG0134JE 15-Nov-94	SS807893 SSG0072JE 12-Dec-94	SS807893 SSG0153JE 12-Dec-94	SS808393 SSG0077JE 18-Nov-94	SS808393 SSG0137JE 18-Nov-94
NICKEL	8	5.49E 3 / 19.74E 0	9.3 :V	3.1 B:V	3.8 B:V	5.7 B:V	6.1 B:V	12.9 :V	9.9 :V	7.1 B:V	5.8 B:V
POTASSIUM	2000	0.00E 0 / 3797.00E 0	10600 :V#	631 B:V	633 B:V	1490 :V	1580 :V	1610 :V	1560 :V	2950 :V	2650 :V
SILVER	2	1.37E 3 / 0.22E 0	1 B:V#								
SODIUM	2000	0.00E 0 / 119.02E 0	84.7 B:V		78 B:V	93.5 B:V	101 B:V			718 B:V#	593 B:V#
VANADIUM	10	1.92E 3 / 61.84E 0	18.9 :V	9.4 B:V	10.5 B:V	13.6 :V	13.3 :V	25 :V	22.3 :V	17.7 :V	16.8 :V
ZINC	4	8.23E 4 / 95.92E 0	85.9 :JA	17.3 :V	179 :V#	26.1 :V	27.5 :V	49.8 :V	49.3 :V	36.1 :V	43.4 :V
Test Group:TRADS Units:pCi/g											
AMERICIUM-241	0	2.37E 0 / 0.04E 0		.021(.014) :V				.42(.037) :V	.31(.03) :V		
GROSS ALPHA	0	0.00E 0 / 44.56E 0	15(3) :A	6.8(2.3) :A	13(2.7) :A	17(3.6) :A	18(3.5) :A	15(3) :A	16(3.1) :A	25(4.1) :A	30(4.4) :A
GROSS BETA	0	0.00E 0 / 55.35E 0	31(3.5) :A	22(3.2) :A	26(3.4) :A	36(3.6) :A	39(3.8) :A	25(3.2) :A	22(3.5) :A	37(3.7) :A	34(3.8) :A
PLUTONIUM-239/240	0	3.43E 0 / 0.08E 0		.098(.02) :V	.013(.007) J:V			.45(.034) B:V	.36(.03) B:V		
URANIUM-233,-234	0	4.53E 1 / 3.31E 0		.61(.15) :V	.69(.2) :V			.75(.16) B:V	.73(.13) B:V		
URANIUM-235	0	1.73E-1 / 0.13E 0									
URANIUM-238	0	8.00E-1 / 2.83E 0		.59(.15) :V	.68(.2) :V			.74(.16) :V	.77(.14) :V		
Test Group:WQPL Units:µg/g											
FLUORIDE	0	E 0 / E 0									
NITRATE/NITRITE	0	E 0 / E 0	25.1 :V-								

TABLE E-47
Surface Soil Duplicate Positive Results
OU8 - All IHSSs
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Sample Location: Sample Identification Number: Date Sampled:	MDL	PRG / BKGND	SS809393 SSG0087JE 9-Nov-94	SS809393 SSG0130JE 9-Nov-94	SS810293 SSG0096JE 1-Nov-94	SS810293 SSG0124JE 1-Nov-94	SS811193 SSG0105JE 2-Dec-94	SS811193 SSG0148JE 2-Dec-94	SS812193 SSG0113JE 7-Nov-94	SS812193 SSG0127JE 7-Nov-94
Test Group:BNACLP Units:µg/kg										
2-METHYLNAPHTHALENE	330	0.00E 0 / 0.00E 0								
4-NITROANILINE	1600	0.00E 0 / 0.00E 0								
ACENAPHTHENE	330	1.65E 7 / 0.00E 0					40 J:A	69 J:A		
ACENAPHTHYLENE	330	0.00E 0 / 0.00E 0								
ANTHRACENE	330	8.23E 7 / 0.00E 0					100 J:A	240 J:A		
BENZO(a)ANTHRACENE	330	8.77E 2 / 0.00E 0					430 :V	720 :V		
BENZO(a)PYRENE	330	8.77E 1 / 0.00E 0					510 :V*	780 :V*		
BENZO(b)FLUORANTHENE	330	8.77E 2 / 0.00E 0					770 :V	1200 :V*		
BENZO(ghi)PERYLENE	330	0.00E 0 / 0.00E 0					170 J:A-	270 J:A-		
BENZO(k)FLUORANTHENE	330	8.77E 3 / 0.00E 0					250 J:A	360 :V		
BENZOIC ACID	1600	1.00E 9 / 0.00E 0								
BIS(2-ETHYLHEXYL)PHTHALATE	330	4.57E 4 / 0.00E 0					230 J:A	450 :JA		
BUTYL BENZYL PHTHALATE	330	5.49E 7 / 0.00E 0								
CHRYSENE	330	8.77E 4 / 0.00E 0					680 :V	920 :V		
DI-n-BUTYL PHTHALATE	330	2.74E 7 / 0.00E 0								
DI-n-OCTYL PHTHALATE	330	4.57E 4 / 0.00E 0	44 J:A							
DIBENZO(a,h)ANTHRACENE	330	8.77E 1 / 0.00E 0					58 J:A	86 J:A		
DIBENZOFURAN	330	0.00E 0 / 0.00E 0								
FLUORANTHENE	330	1.10E 7 / 0.00E 0					1100 :V	1600 :V		
FLUORENE	330	1.10E 7 / 0.00E 0					39 J:A	72 J:A		
INDENO(1,2,3-cd)PYRENE	330	8.77E 2 / 0.00E 0					220 J:A	330 J:A		
NAPHTHALENE	330	1.10E 7 / 0.00E 0								
PENTACHLOROPHENOL	1600	5.34E 3 / 0.00E 0								
PHENANTHRENE	330	0.00E 0 / 0.00E 0					700 :V-	1000 :V-		
PYRENE	330	8.23E 6 / 0.00E 0					1000 :V	1500 :V		
Test Group:METADD Units:mg/kg										
CESIUM	200	0.00E 0 / 7.00E 0					5.8 B:V		8.5 B:V#	6 B:V
LITHIUM	20	5.49E 3 / 15.08E 0	5.8 B:V	6 B:V	5.6 B:V	5 B:V		2.3 B:V	7.3 B:V	7.1 B:V
MOLYBDENUM	40	1.37E 3 / 0.90E 0								
STRONTIUM	40	1.65E 5 / 67.92E 0	12.1 B:V	10.8 B:V	26.8 B:V	24.3 B:V	6.7 B:V	7.1 B:V	41.9 B:V	44.5 :V
Test Group:SMETCLP Units:mg/kg										
ALUMINUM	40	7.96E 5 / 22999.00E 0	4640 :V	4320 :V	8960 :V	8070 :V	1450 :V	1900 :V	7590 :V	7930 :V
ANTIMONY	12	1.10E 2 / 0.47E 0								
ARSENIC	2	3.66E-1 / 13.75E 0	2.1 :V*	1.2 B:V*	4.8 :V*	4.2 :V*	1.3 B:JA*	1.1 B:JA*	1.7 B:V*	1.7 B:V*
BARIUM	40	1.91E 4 / 176.00E 0	55.9 :V	51 :V	82.1 :V	80.3 :V	20.1 B:V	22.5 B:V	26.8 B:V	27.2 B:V
BERYLLIUM	1	1.49E-1 / 1.25E 0			.74 B:V*	.7 B:V*			.32 B:V*	.34 B:V*
CADMIUM	1	1.37E 2 / 2.34E 0								
CALCIUM	1000	0.00E 0 / 5839.00E 0	2250 I:JA	1780 I:JA	3980 I:JA	3930 I:JA	1980 :V	1950 :V	6900 :V#	6850 :V#
CHROMIUM	2	0.00E 0 / 22.21E 0	11.2 :V	10.9 :V	9.3 :V	8.6 :V	15 :V	17.8 :V	7.4 :V	7.6 :V
COBALT	10	1.65E 4 / 14.22E 0	8 B:V	7 B:V	6 B:V	6.1 B:V	1.5 B:V	1.7 B:V	19.1 :V#	14.9 :V#
COPPER	5	1.10E 4 / 22.75E 0	18.4 :V	18.1 :V	17.9 :V	15.5 :V	8 :V	9.3 :V	79.9 :V#	74.5 :V#
IRON	20	0.00E 0 / 23063.00E 0	11600 :V	10900 :V	13100 :V		4790 :V	5500 :V	17100 :V	16800 :V
LEAD	1	0.00E 0 / 73.87E 0	6.2 :V	5.4 :V	9.8 :V	9.9 :V	52.1 :V	51.8 :V	7.9 :V	8.1 :V
MAGNESIUM	1000	0.00E 0 / 3707.00E 0	2780 :V	2470 :V	2590 :V	2520 :V	628 B:V	759 B:V	6440 :V#	6300 :V#
MANGANESE	3	1.36E 3 / 482.10E 0	160 :V	141 :V	336 :V	206 :V	68.4 :V	82.2 :V	434 :V	453 :V
MERCURY	0.2	8.23E 1 / 0.19E 0								

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TABLE E-47
Surface Soil Duplicate Positive Results
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Sample Location: Sample Identification Number: Date Sampled:	MDL	PRG / BKGND	SS809393 SSG0087JE 9-Nov-94	SS809393 SSG0130JE 9-Nov-94	SS810293 SSG0096JE 1-Nov-94	SS810293 SSG0124JE 1-Nov-94	SS811193 SSG0105JE 2-Dec-94	SS811193 SSG0148JE 2-Dec-94	SS812193 SSG0113JE 7-Nov-94	SS812193 SSG0127JE 7-Nov-94
NICKEL	8	5.49E 3 / 19.74E 0	6.4 B:V	7.1 B:V	11.2 :V	10.5 :V	3 B:V	4.2 B:V	9.6 :V	10.4 :V
POTASSIUM	2000	0.00E 0 / 3797.00E 0	1660 :V	1460 :V	1290 :V	1290 :V	481 B:V	577 B:V	1390 I:JA	1320 I:JA
SILVER	2	1.37E 3 / 0.22E 0	1.4 B:V#	1.7 B:V#			1.1 B:JA#	.53 B:JA#	8.3 :JA#	6.1 :JA#
SODIUM	2000	0.00E 0 / 119.02E 0	94.5 B:V	81.4 B:V	235 B:V#	247 B:V#			1180 :V#	1520 :V#
VANADIUM	10	1.92E 3 / 61.84E 0	21.2 :V	18.8 :V	27.3 :V	26.6 :V	6.7 B:V	9.1 B:V	27.4 :V	27.3 :V
ZINC	4	8.23E 4 / 95.92E 0	25.7 :V	25.1 :V	32.9 :V	33 :V	40.5 :V	43.1 :V	39.1 :V	36 :V
Test Group:TRADS Units:pCi/g										
AMERICIUM-241	0	2.37E 0 / 0.04E 0								
GROSS ALPHA	0	0.00E 0 / 44.56E 0	25(4.1) :A	24(3.8) :A						
GROSS BETA	0	0.00E 0 / 55.35E 0	37(3.8) :A	34(3.7) :A						
PLUTONIUM-239/240	0	3.43E 0 / 0.08E 0	.007(.006) J:V	.014(.008) J:V						
URANIUM-233,-234	0	4.53E 1 / 3.31E 0	.89(.19) :V	.92(.19) :V						
URANIUM-235	0	1.73E-1 / 0.13E 0								
URANIUM-238	0	8.00E-1 / 2.83E 0	1(.2) :V	.81(.17) :V						
Test Group:WQPL Units:µg/g										
FLUORIDE	0	E 0 / E 0								
NITRATE/NITRITE	0	E 0 / E 0					21.1 :V-	30.3 :V-	1.56 :V-	1.39 :V-

TABLE E-48
Surface Soil Duplicate Positive Results Data Summary
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

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	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
Test Group:BNACLP Units:µg/kg							
2-METHYLNAPHTHALENE	330	340	SS802693 (1)	7100	SS804393 (1)	140 J:A	SS802093 (1)
4-NITROANILINE	1600	1700	SS800793 (7)	34000	SS804393 (2)	97 J:A	SS806793 (1)
ACENAPHTHENE	330	350	SS806793 (3)	390	SS805593 (2)	38 J:A	SS802693 (1)
ACENAPHTHYLENE	330	340	SS802693 (1)	7100	SS804393 (2)	53 J:A	SS802093 (1)
ANTHRACENE	330	350	SS802693 (4)	390	SS805593 (2)	42 J:A	SS802693 (1)
BENZO(a)ANTHRACENE	330	350	SS809393 (2)	390	SS805593 (2)	38 J:A	SS800793 (2)
BENZO(a)PYRENE	330	350	SS809393 (2)	390	SS805593 (2)	44 J:A	SS800793 (1)
BENZO(b)FLUORANTHENE	330	350	SS809393 (2)	390	SS805593 (2)	53 J:A	SS806793 (1)
BENZO(ghi)PERYLENE	330	350	SS806793 (3)	390	SS805593 (2)	99 J:A	SS802693 (1)
BENZO(k)FLUORANTHENE	330	350	SS809393 (2)	390	SS805593 (2)	38 J:A	SS806793 (1)
BENZOIC ACID	1600	1700	SS800793 (8)	34000	SS804393 (2)	230 J:A	SS802693 (1)
BIS(2-ETHYLHEXYL)PHTHALATE	330	340	SS802693 (1)	7100	SS804393 (2)	44 J:A	SS808393 (1)
BUTYL BENZYL PHTHALATE	330	350	SS806793 (3)	7100	SS804393 (2)	88 J:A	SS800793 (1)
CHRYSENE	330	350	SS809393 (2)	390	SS805593 (2)	37 J:A	SS806793 (1)
DI-n-BUTYL PHTHALATE	330	350	SS806793 (5)	7100	SS804393 (2)	37 J:A	SS802693 (1)
DI-n-OCTYL PHTHALATE	330	340	SS802693 (1)	7100	SS804393 (2)	44 J:A	SS809393 (1)
DIBENZO(a,h)ANTHRACENE	330	340	SS802693 (1)	7100	SS804393 (2)	58 J:A	SS811193 (1)
DIBENZOFURAN	330	340	SS802693 (1)	390	SS805593 (2)	300 J:A	SS802093 (1)
FLUORANTHENE	330	350	SS809393 (2)	370	SS808393 (1)	45 J:A	SS805593 (1)
FLUORENE	330	340	SS802693 (1)	390	SS805593 (2)	39 J:A	SS811193 (1)
INDENO(1,2,3-cd)PYRENE	330	350	SS809393 (2)	390	SS805593 (2)	48 J:A	SS806793 (1)
NAPHTHALENE	330	340	SS802693 (1)	390	SS805593 (2)	310 J:A	SS802093 (1)
PENTACHLOROPHENOL	1600	1700	SS800793 (8)	34000	SS804393 (2)	42 J:A	SS802693 (1)
PHENANTHRENE	330	350	SS809393 (2)	390	SS805593 (1)	43 J:A	SS805593 (1)
PYRENE	330	350	SS809393 (2)	370	SS808393 (2)	42 J:A	SS805593 (1)
Test Group:METADD Units:mg/kg							
CESIUM	1000	2.5	SS811193 (1)	11.2	SS805593 (2)	5.8 B:V	SS811193 (1)
LITHIUM	100	1.7	SS811193 (1)	1.7	SS811193 (1)	2.3 B:V	SS805593 (2)
MOLYBDENUM	200	0.47	SS811193 (1)	2.2	SS812193 (1)	7.8 B:J	SS802093 (1)
STRONTIUM	200	**	**	**	**	6.7 B:V	SS811193 (1)
Test Group:SMETCLP Units:mg/kg							
ALUMINUM	200	**	**	**	**	1450 :V	SS811193 (1)
ANTIMONY	60	2.2	SS804393 (2)	3.4	SS811193 (1)	2.8 B:J	SS802093 (1)
ARSENIC	10	**	**	**	**	1.1 B:J	SS803193 (2)
BARIUM	200	**	**	**	**	20.1 B:V	SS811193 (1)
BERYLLIUM	5	0.15	SS805593 (1)	0.21	SS809393 (2)	.12 B:V	SS803193 (1)
CADMIUM	5	0.27	SS811193 (2)	0.32	SS808393 (1)	.82 B:V	SS805593 (1)
CALCIUM	5000	**	**	**	**	1170 :V	SS806793 (1)
CHROMIUM	10	**	**	**	**	4.3 :V	SS805593 (1)

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TABLE E-48
Surface Soil Duplicate Positive Results Data Summary
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
COBALT	50	**	**	**	**	1.5 B:V	SS811193 (1)
COPPER	25	**	**	**	**	8 :V	SS811193 (1)
IRON	100	12100	SS810293 (1)	12100	SS810293 (1)	4170 :V	SS805593 (1)
LEAD	3	**	**	**	**	4.1 :V	SS803193 (1)
MAGNESIUM	5000	**	**	**	**	628 B:V	SS811193 (1)
MANGANESE	15	**	**	**	**	68.4 :V	SS811193 (1)
MERCURY	0.2	0.05	SS810293 (2)	0.06	SS807893 (1)	.05 B:V	SS807893 (1)
NICKEL	40	**	**	**	**	3 B:V	SS811193 (1)
POTASSIUM	5000	**	**	**	**	481 B:V	SS811193 (1)
SILVER	10	0.49	SS800793 (2)	1.7	SS803193 (1)	.53 B:J	SS811193 (1)
SODIUM	5000	36.7	SS805593 (1)	93.3	SS811193 (1)	78 B:V	SS805593 (1)
VANADIUM	50	**	**	**	**	6.7 B:V	SS811193 (1)
ZINC	20	**	**	**	**	17.3 :V	SS805593 (1)
Test Group:TRADS Units:pCi/g							
AMERICIUM-241	0.01	**	**	**	**	-6.3(.73) :V	SS802693 (1)
GROSS ALPHA	2	**	**	**	**	-25(4.1) :A	SS808393 (1)
GROSS BETA	4	**	**	**	**	-36(3.6) :A	SS806793 (1)
PLUTONIUM-239/240	0.01	**	**	**	**	-5.2(.14) B:V	SS802693 (1)
TRITIUM	300	**	**	**	**	-110(140) U:A	SS810293 (1)
URANIUM-233,-234	0.06	**	**	**	**	-2.9(.48) B:V	SS802093 (1)
URANIUM-235	0.07	**	**	**	**	-.11(.086) J:V	SS802093 (1)
URANIUM-238	0.06	**	**	**	**	-2.6(.44) B:V	SS802093 (1)
Test Group:WQPL Units:µg/g							
FLUORIDE	1	**	**	**	**	2.33 :V	SS800793 (1)
NITRATE/NITRITE	0.5	**	**	**	**	1.39 :V	SS812193 (1)
pH	0.01	**	**	**	**	7.33 :V	SS802093 (2)

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TABLE E-48
Surface Soil Duplicate Positive Results Data Summary
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:BNACLP Units:µg/kg					
2-METHYLNAPHTHALENE	2500 DJ:A	SS804393 (1)	5	20	487
4-NITROANILINE	120 J:A	SS806793 (1)	2	20	2418.35
ACENAPHTHENE	7100 D:V	SS804393 (1)	10	20	936.25
ACENAPHTHYLENE	58 J:A	SS807893 (1)	2	20	505.05
ANTHRACENE	9000 D:V	SS804393 (1)	9	20	1165.6
BENZO(a)ANTHRACENE	13000 D:V	SS804393 (1)	14	20	2023.35
BENZO(a)PYRENE	13000 D:J	SS804393 (1)	13	20	2094.75
BENZO(b)FLUORANTHENE	13000 D:J	SS804393 (1)	14	20	2442.1
BENZO(ghi)PERYLENE	6200 DJ:A	SS804393 (1)	10	20	899.7
BENZO(k)FLUORANTHENE	9300 D:J	SS804393 (1)	12	20	1079.35
BENZOIC ACID	230 J:A	SS802693 (1)	1	20	2461.5
BIS(2-ETHYLHEXYL)PHTHALATE	450 :J	SS811193 (1)	10	20	505.75
BUTYL BENZYL PHTHALATE	2600 :V	SS802693 (1)	4	20	632.9
CHRYSENE	16000 D:V	SS804393 (1)	15	20	2428.75
DI-n-BUTYL PHTHALATE	56 J:A	SS802693 (1)	3	20	498.25
DI-n-OCTYL PHTHALATE	58 J:A	SS800793 (1)	2	20	505.35
DIBENZO(a,h)ANTHRACENE	360 J:A	SS802093 (2)	4	20	525.2
DIBENZOFURAN	3800 DJ:A	SS804393 (1)	6	20	499.5
FLUORANTHENE	34000 D:V	SS804393 (1)	17	20	5127.85
FLUORENE	6700 DJ:A	SS804393 (1)	8	20	858.55
INDENO(1,2,3-cd)PYRENE	5400 DJ:A	SS804393 (1)	11	20	917.45
NAPHTHALENE	7300 D:V	SS804393 (1)	6	20	669.5
PENTACHLOROPHENOL	42 J:A	SS802693 (1)	1	20	2452.1
PHENANTHRENE	36000 D:V	SS804393 (1)	15	20	4931.55
PYRENE	34000 D:V	SS804393 (1)	16	20	4959.05
Test Group:METADD Units:mg/kg					
CESIUM	8.5 B:V	SS812193 (1)	3	26	3.4346
LITHIUM	9.6 B:V	SS802093 (1)	25	26	5.8442
MOLYBDENUM	10.1 B:J	SS802093 (1)	2	26	1.1437
STRONTIUM	99.5 :J	SS802093 (1)	26	26	26.4346
Test Group:SMETCLP Units:mg/kg					
ALUMINUM	19600 :V	SS802093 (1)	26	26	6643.077
ANTIMONY	3.2 B:J	SS802693 (1)	3	21	1.4619
ARSENIC	15.4 :V	SS802093 (1)	26	26	3.6077
BARIUM	168 :V	SS802093 (1)	26	26	69.9538
BERYLLIUM	.94 B:V	SS802693 (1)	20	26	0.3846
CADMIUM	3.9 :V	SS802093 (1)	5	26	0.6994
CALCIUM	22600 I:J	SS807893 (1)	26	26	6141.539
CHROMIUM	54 :V	SS802093 (1)	26	26	13.2654

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TABLE E-48
Surface Soil Duplicate Positive Results Data Summary
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
COBALT	23.8 :V	SS804393 (1)	26	26	7.0808
COPPER	1860 :V	SS802093 (1)	26	26	112.8615
IRON	47000 :V	SS802093 (1)	25	26	12330.77
LEAD	103 :V	SS802093 (1)	26	26	20.4769
MAGNESIUM	6440 :V	SS812193 (1)	26	26	2361.731
MANGANESE	453 :V	SS812193 (1)	26	26	199.5654
MERCURY	.41 :V	SS804393 (1)	6	26	0.0584
NICKEL	20 :V	SS802093 (1)	26	26	8.5115
POTASSIUM	10600 :V	SS804393 (1)	26	26	1875.077
SILVER	8.3 :J	SS812193 (1)	13	26	1.6817
SODIUM	1520 :V	SS812193 (1)	19	26	265.9942
VANADIUM	30.7 :V	SS802693 (1)	26	26	20.1038
ZINC	1170 :V	SS802093 (1)	26	26	159.0462
Test Group:TRADS Units:pCi/g					
AMERICIUM-241	6.4(.64) :V	SS802693 (1)	10	10	0.0242
GROSS ALPHA	30(4) :A	SS802693 (2)	16	16	1.95
GROSS BETA	39(3.8) :A	SS806793 (1)	16	16	1.75
PLUTONIUM-239/240	5.6(.19) :V	SS802693 (1)	10	10	0.0592
TRITIUM	-37(190) U:A	SS810293 (1)	2	2	-73.5
URANIUM-233,-234	5(.58) B:V	SS802093 (1)	10	10	0.231
URANIUM-235	.42(.14) :V	SS802093 (1)	10	10	0.0218
URANIUM-238	4.6(.55) B:V	SS802093 (1)	10	10	0.241
Test Group:WQPL Units:µg/g					
FLUORIDE	2.97 :V	SS800793 (1)	2	2	2.65
NITRATE/NITRITE	32.4 :J	SS800793 (1)	10	10	22.305
pH	9.31 :V	SS803193 (1)	12	12	8.3767

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TABLE E-49
Surface Soil Duplicate Results
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

Sample Location:	SS800793	SS800793	SS802093	SS802093	SS802693	SS802693	SS803193	SS803193	SS804393	SS804393
Sample Identification Number:	SSG0007JE	SSG0145JE	SSG0020JE	SSG0120JE	SSG0026JE	SSG0122JE	SSG0031JE	SSG0143JE	SSG0037JE	SSG0140JE
Date Sampled:	1-Dec-94	1-Dec-94	27-Oct-94	27-Oct-94	31-Oct-94	31-Oct-94	30-Nov-94	30-Nov-94	21-Nov-94	21-Nov-94
Test Group:BNACLP Units:µg/kg										
1,2,4-TRICHLOROBENZENE	< 360 :V	< 360 :V	< 370 :V	< 370 :V	< 350 :V	< 340 :V	NA	NA	< 7100 :V	< 7100 :V
1,2-DICHLOROBENZENE	< 360 :V	< 360 :V	< 370 :V	< 370 :V	< 350 :V	< 340 :V	NA	NA	< 7100 :V	< 7100 :V
1,3-DICHLOROBENZENE	< 360 :V	< 360 :V	< 370 :V	< 370 :V	< 350 :V	< 340 :V	NA	NA	< 7100 :V	< 7100 :V
1,4-DICHLOROBENZENE	< 360 :V	< 360 :V	< 370 :V	< 370 :V	< 350 :V	< 340 :V	NA	NA	< 7100 :V	< 7100 :V
2,4,5-TRICHLOROPHENOL	< 1700 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1700 :V	< 1700 :V	NA	NA	< 34000 :V	< 34000 :V
2,4,6-TRICHLOROPHENOL	< 360 :V	< 360 :V	< 370 :V	< 370 :V	< 350 :V	< 340 :V	NA	NA	< 7100 :V	< 7100 :V
2,4-DICHLOROPHENOL	< 360 :V	< 360 :V	< 370 :V	< 370 :V	< 350 :V	< 340 :V	NA	NA	< 7100 :V	< 7100 :V
2,4-DIMETHYLPHENOL	< 360 :V	< 360 :V	< 370 :V	< 370 :V	< 350 :V	< 340 :V	NA	NA	< 7100 :V	< 7100 :V
2,4-DINITROPHENOL	< 1700 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1700 :V	< 1700 :V	NA	NA	< 34000 :V	< 34000 :V
2,4-DINITROTOLUENE	< 360 :V	< 360 :V	< 370 :V	< 370 :V	< 350 :V	< 340 :V	NA	NA	< 7100 :V	< 7100 :V
2,6-DINITROTOLUENE	< 360 :V	< 360 :V	< 370 :V	< 370 :V	< 350 :V	< 340 :V	NA	NA	< 7100 :V	< 7100 :V
2-CHLORONAPHTHALENE	< 360 :V	< 360 :V	< 370 :V	< 370 :V	< 350 :V	< 340 :V	NA	NA	< 7100 :V	< 7100 :V
2-CHLOROPHENOL	< 360 :V	< 360 :V	< 370 :V	< 370 :V	< 350 :V	< 340 :V	NA	NA	< 7100 :V	< 7100 :V
2-METHYLNAPHTHALENE	< 360 :V	< 360 :V	140 J:A	170 J:A	< 350 :V	< 340 :V	NA	NA	2500 DJ:A	< 7100 :V
2-METHYLPHENOL	< 360 :V	< 360 :V	< 370 :V	< 370 :V	< 350 :V	< 340 :V	NA	NA	< 7100 :V	< 7100 :V
2-NITROANILINE	< 1700 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1700 :V	< 1700 :V	NA	NA	< 34000 :V	< 34000 :V
2-NITROPHENOL	< 360 :V	< 360 :V	< 370 :V	< 370 :V	< 350 :V	< 340 :V	NA	NA	< 7100 :V	< 7100 :V
3,3'-DICHLOROBENZIDINE	< 710 :V	< 730 :V	< 730 :V	< 740 :V	< 690 :V	< 690 :V	NA	NA	< 14000 :V	< 14000 :V
3-NITROANILINE	< 1700 :V	< 1800 :V	< 1800 :R	< 1800 :R	< 1700 :V	< 1700 :V	NA	NA	< 34000 :V	< 34000 :V
4,6-DINITRO-2-METHYLPHENOL	< 1700 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1700 :V	< 1700 :V	NA	NA	< 34000 :V	< 34000 :V
4-CHLORO-3-METHYLPHENOL	< 360 :V	< 360 :V	< 370 :V	< 370 :V	< 350 :V	< 340 :V	NA	NA	< 7100 :V	< 7100 :V
4-CHLOROANILINE	< 360 :V	< 360 :V	< 370 :V	< 370 :V	< 350 :V	< 340 :V	NA	NA	< 7100 :V	< 7100 :V
4-CHLOROPHENYL PHENYL ETHER	< 360 :V	< 360 :V	< 370 :V	< 370 :V	< 350 :V	< 340 :V	NA	NA	< 7100 :V	< 7100 :V
4-METHYLPHENOL	< 360 :V	< 360 :V	< 370 :V	< 370 :V	< 350 :V	< 340 :V	NA	NA	< 7100 :V	< 7100 :V
4-NITROANILINE	< 1700 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1700 :V	< 1700 :V	NA	NA	< 34000 :V	< 34000 :V
4-NITROPHENOL	< 1700 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1700 :V	< 1700 :V	NA	NA	< 34000 :V	< 34000 :V
ACENAPHTHENE	< 360 :V	< 360 :V	810 :V	1000 :V	38 J:A	43 J:A	NA	NA	7100 D:V	2200 DJ:A
ACENAPHTHYLENE	< 360 :V	< 360 :V	< 370 :V	53 J:A	< 350 :V	< 340 :V	NA	NA	< 7100 :V	< 7100 :V
ANTHRACENE	< 360 :V	< 360 :V	930 :V	1100 :V	< 350 :V	42 J:A	NA	NA	9000 D:V	2900 DJ:A
BENZO(a)ANTHRACENE	55 J:A	38 J:A	1700 :V	1900 :V	150 J:A	180 J:A	NA	NA	13000 D:V	6200 DJ:A
BENZO(a)PYRENE	71 J:A	44 J:A	1500 :V	1500 :V	210 J:A	250 J:A	NA	NA	13000 D:J	6900 DJ:A
BENZO(b)FLUORANTHENE	100 J:A	59 J:A	2100 :V	2500 :V	300 J:A	340 J:A	NA	NA	13000 D:J	7600 D:J
BENZO(ghi)PERYLENE	< 360 :V	< 360 :V	600 :V	320 J:A	99 J:A	110 J:A	NA	NA	6200 DJ:A	4000 DJ:A
BENZO(k)FLUORANTHENE	39 J:A	< 360 :V	660 :J	630 :J	110 J:A	130 J:A	NA	NA	9300 D:J	4400 DJ:A
BENZOIC ACID	< 1700 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1700 :V	230 J:A	NA	NA	< 34000 :V	< 34000 :V
BENZYL ALCOHOL	< 360 :R	< 360 :V	< 370 :V	< 370 :V	< 350 :V	< 340 :V	NA	NA	< 7100 :V	< 7100 :V
BIS(2-CHLOROETHOXY)METHANE	< 360 :V	< 360 :V	< 370 :V	< 370 :V	< 350 :V	< 340 :V	NA	NA	< 7100 :V	< 7100 :V
BIS(2-CHLOROETHYL)ETHER	< 360 :V	< 360 :V	< 370 :V	< 370 :V	< 350 :V	< 340 :V	NA	NA	< 7100 :V	< 7100 :V
BIS(2-CHLOROISOPROPYL)ETHER	< 360 :V	< 360 :V	< 370 :V	< 370 :V	< 350 :V	< 340 :V	NA	NA	< 7100 :V	< 7100 :V
BIS(2-ETHYLHEXYL)PHTHALATE	80 J:A	93 J:A	280 J:A	200 J:A	< 350 :J	< 340 :J	NA	NA	< 7100 :V	< 7100 :V
BUTYL BENZYL PHTHALATE	100 J:A	88 J:A	< 370 :J	< 370 :J	120 J:A	2600 :V	NA	NA	< 7100 :V	< 7100 :V
CHRYSENE	67 J:A	47 J:A	1800 :V	2000 :V	230 J:A	260 J:A	NA	NA	16000 D:V	8100 D:V
DI-n-BUTYL PHTHALATE	< 360 :V	< 360 :V	< 370 :V	42 J:A	37 J:A	56 J:A	NA	NA	< 7100 :V	< 7100 :V
DI-n-OCTYL PHTHALATE	58 J:A	< 360 :V	< 370 :V	< 370 :V	< 350 :V	< 340 :V	NA	NA	< 7100 :J	< 7100 :J
DIBENZO(a,h)ANTHRACENE	< 360 :V	< 360 :V	360 J:A	360 J:A	< 350 :V	< 340 :V	NA	NA	< 7100 :J	< 7100 :J
DIBENZOFURAN	< 360 :V	< 360 :V	300 J:A	360 J:A	< 350 :V	< 340 :V	NA	NA	3800 DJ:A	880 DJ:A
DIETHYL PHTHALATE	< 360 :V	< 360 :V	< 370 :V	< 370 :V	< 350 :V	< 340 :V	NA	NA	< 7100 :V	< 7100 :V
DIMETHYL PHTHALATE	< 360 :V	< 360 :V	< 370 :V	< 370 :V	< 350 :V	< 340 :V	NA	NA	< 7100 :V	< 7100 :V
FLUORANTHENE	130 J:A	81 J:A	6000 D:V	5800 D:V	440 :V	500 :V	NA	NA	34000 D:V	16000 D:V
FLUORENE	< 360 :V	< 360 :V	680 :V	810 :V	< 350 :V	< 340 :V	NA	NA	6700 DJ:A	1800 DJ:A
HEXACHLOROBENZENE	< 360 :V	< 360 :V	< 370 :V	< 370 :V	< 350 :V	< 340 :V	NA	NA	< 7100 :V	< 7100 :V
HEXACHLOROBUTADIENE	< 360 :V	< 360 :V	< 370 :V	< 370 :V	< 350 :V	< 340 :V	NA	NA	< 7100 :V	< 7100 :V
HEXACHLOROCYCLOPENTADIENE	< 360 :V	< 360 :V	< 370 :V	< 370 :V	< 350 :V	< 340 :V	NA	NA	< 7100 :V	< 7100 :V
HEXACHLOROETHANE	< 360 :V	< 360 :V	< 370 :V	< 370 :V	< 350 :V	< 340 :V	NA	NA	< 7100 :V	< 7100 :V

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TABLE E-49
Surface Soil Duplicate Results
OU8 - All IHSSs
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Sample Location:	SS800793	SS800793	SS802093	SS802093	SS802693	SS802693	SS803193	SS803193	SS804393	SS804393
Sample Identification Number:	SSG0007JE	SSG0145JE	SSG0020JE	SSG0120JE	SSG0026JE	SSG0122JE	SSG0031JE	SSG0143JE	SSG0037JE	SSG0140JE
Date Sampled:	1-Dec-94	1-Dec-94	27-Oct-94	27-Oct-94	31-Oct-94	31-Oct-94	30-Nov-94	30-Nov-94	21-Nov-94	21-Nov-94
INDENO(1,2,3-cd)PYRENE	< 360 :V	< 360 :V	1100 :V	1100 :V	91 J:A	110 J:A	NA	NA	5400 DJ:A	3400 DJ:A
ISOPHORONE	< 360 :V	< 360 :V	< 370 :V	< 370 :V	< 350 :V	< 340 :V	NA	NA	< 7100 :V	< 7100 :V
N-NITROSO-DI-n-PROPYLAMINE	< 360 :V	< 360 :V	< 370 :V	< 370 :V	< 350 :V	< 340 :V	NA	NA	< 7100 :V	< 7100 :V
N-NITROSODIPHENYLAMINE	< 360 :V	< 360 :V	< 370 :V	< 370 :V	< 350 :V	< 340 :V	NA	NA	< 7100 :V	< 7100 :V
NAPHTHALENE	< 360 :V	< 360 :V	310 J:A	380 :V	< 350 :V	< 340 :V	NA	NA	7300 D:V	800 DJ:A
NITROBENZENE	< 360 :V	< 360 :V	< 370 :V	< 370 :V	< 350 :V	< 340 :V	NA	NA	< 7100 :V	< 7100 :V
PENTACHLOROPHENOL	< 1700 :V	< 1800 :V	< 1800 :V	< 1800 :V	42 J:A	< 1700 :V	NA	NA	< 34000 :V	< 34000 :V
PHENANTHRENE	85 J:A	47 J:A	5100 D:V	5000 D:V	290 J:A	320 J:A	NA	NA	36000 D:V	14000 D:V
PHENOL	< 360 :V	< 360 :V	< 370 :V	< 370 :V	< 350 :V	< 340 :V	NA	NA	< 7100 :V	< 7100 :V
PYRENE	120 J:A	74 J:A	4400 D:V	4200 D:V	370 :V	430 :V	NA	NA	34000 D:V	15000 D:V
p-BROMODIPHENYL ETHER	< 360 :V	< 360 :V	< 370 :V	< 370 :V	< 350 :V	< 340 :V	NA	NA	< 7100 :V	< 7100 :V
Test Group:METADD Units:mg/kg										
CESIUM	< 6.1 :J	< 8.5 :J	< 6.6 :J	< 8.5 :J	< 6.2 :J	< 3.9 :J	< 4.2 :J	< 4.2 :J	< 8.3 :J	< 5.9 :J
LITHIUM	5.2 B:V	5.5 B:V	9.6 B:V	8.7 B:V	7.8 B:V	6.5 B:V	6 B:V	5.6 B:V	8.2 B:V	8.7 B:V
MOLYBDENUM	< .95 :J	< 1.1 :J	7.8 B:J	10.1 B:J	< 1 :J	< .89 :J	< .76 :J	< .51 :V	< .98 :J	< .48 :V
STRONTIUM	23.4 B:V	21.2 B:V	99.5 :J	98.3 :J	22.6 B:V	20.2 B:V	10.6 B:V	8.4 B:V	17.1 B:V	41.2 :V
TIN	< 2 :V	< 2.1 :V	< 2.2 :J	< 5.8 :J	< 2 :V	< 1.9 :V	< 2.1 :V	< 2.1 :V	< 2 :V	< 2 :V
Test Group:SMETCLP Units:mg/kg										
ALUMINUM	4560 :V	4770 :V	19600 :V	17700 :V	7440 :V	6320 :V	3380 :V	3030 :V	8460 :V	13100 :V
ANTIMONY	< 2.3 :J	< 2.4 :J	3.1 B:J	2.8 B:J	< 2.3 :J	3.2 B:J	< 2.3 :J	< 2.4 :J	< 2.3 :J	< 2.2 :J
ARSENIC	2.2 :J	2.7 :V	14.2 :V	15.4 :V	2.9 :V	2.9 :V	1.6 B:J	1.1 B:J	3.7 :V	2.8 :V
BARIUM	97.4 :V	92.7 :V	166 :V	168 :V	85.6 :V	68.4 :V	41.2 B:V	33.7 B:V	78.1 :V	74.6 :V
BERYLLIUM	.32 B:V	.31 B:V	.64 B:V	.59 B:V	.94 B:V	.84 B:V	.15 B:V	.12 B:V	.5 B:V	.65 B:V
CADMIUM	< .29 :V	< .3 :V	3.8 :V	3.9 :V	3.5 :V	3.1 :V	< .29 :V	< .3 :V	< .29 :V	< .28 :V
CALCIUM	11400 :V	9320 :V	12900 :V	12400 :V	9880 :V	7640 :V	1510 :V	1550 :V	3090 :V	4930 :V
CHROMIUM	9.7 :V	13.8 :V	50.4 :V	54 :V	13.4 :V	11.1 :V	14.9 :V	9.7 :V	12 :V	10 :V
COBALT	4 B:V	5 B:V	7 B:V	7.2 B:V	7.6 B:V	5.6 B:V	9.6 B:V	7.3 B:V	23.8 :V	4.4 B:V
COPPER	12.8 :V	12.7 :V	1860 :V	550 :V	25 :V	21.6 :V	15.5 :V	12.7 :V	58.2 :V	14.9 :V
IRON	7030 :V	8110 :V	39600 :V	47000 :V	16600 :V	12200 :V	6960 :V	6470 :V	12400 :J	12500 :J
LEAD	9 :V	9.8 :V	98 :V	103 :V	25.7 I:J	16.4 I:J	6.4 :V	4.1 :V	16 :V	10.5 :V
MAGNESIUM	2030 :V	1890 :V	2590 :V	2480 :V	4430 :V	2750 :V	1830 :V	2040 :V	2000 :V	1960 :V
MANGANESE	141 :V	170 :V	309 :V	312 :V	343 :V	263 :V	89.5 :V	86.7 :V	261 :J	141 :J
MERCURY	< .055 :V	< .052 :V	.27 :V	.15 :V	.06 B:V	.06 B:V	< .052 :V	< .052 :V	< .049 :V	.41 :V
NICKEL	7.7 B:V	7.5 B:V	16.8 :V	20 :V	8.9 :V	8.2 :V	9.1 :V	7.1 B:V	9.9 :V	9.3 :V
POTASSIUM	1200 :V	1260 :V	2300 :V	2150 :V	2340 :V	1710 :V	1740 :V	1480 :V	1400 :V	10600 :V
SELENIUM	< .51 :J	< .53 :J	< .55 :J	< .53 :J	< .52 :V	< .49 :V	< .52 :J	< .53 :J	< .52 :V	< .5 :V
SILVER	< .49 :V	< .61 :J	4.1 :J	5.1 :J	.84 B:V	1.1 B:V	4.4 :V	< 1.7 :J	2.8 :V	1 B:V
SODIUM	< 55.4 :J	< 58.9 :J	208 B:J	205 B:J	137 B:V	115 B:V	459 B:V	427 B:V	111 B:V	84.7 B:V
THALLIUM	< .35 :V	< .36 :V	< .37 :J	< .36 :R	< .35 :V	< .33 :V	< .35 :V	< .36 :V	< .35 :V	< .34 :V
VANADIUM	17.3 :V	19.9 :V	26.6 :V	24 :V	30.7 :V	22.5 :V	25.3 :V	21.8 :V	22.7 :V	18.9 :V
ZINC	72 :V	75.5 :V	1010 :V	1170 :V	501 :V	425 :V	23.7 :V	23.1 :V	45.1 :J	85.9 :J
Test Group:TRADS Units:pCi/g										
AMERICIUM-241	NA	NA	-.22(.044) :V	.24(.046) :V	-6.3(.73) :V	6.4(.64) :V	NA	NA	NA	NA
GROSS ALPHA	NA	NA	26(4) :A	-23(3.7) :A	-19(3.4) :A	30(4) :A	NA	NA	18(3.5) :A	-15(3) :A
GROSS BETA	NA	NA	27(3.6) :A	-24(3.3) :A	30(3.5) :A	-24(3.5) :A	NA	NA	34(3.5) :A	-31(3.5) :A
PLUTONIUM-239/240	NA	NA	.64(.058) B:V	-.63(.057) B:V	-5.2(.14) B:V	5.6(.19) :V	NA	NA	NA	NA
TRITIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-233,-234	NA	NA	5(.58) B:V	-2.9(.48) B:V	-.87(.19) :V	.95(.18) :V	NA	NA	NA	NA
URANIUM-235	NA	NA	.42(.14) :V	-.11(.086) J:V	-.029(.039) U:V	.018(.037) U:V	NA	NA	NA	NA
URANIUM-238	NA	NA	4.6(.55) B:V	-2.6(.44) B:V	.93(.19) :V	-.83(.16) :V	NA	NA	NA	NA
Test Group:WQPL Units:µg/g										
FLUORIDE	2.33 :V	2.97 :V	NA	NA	NA	NA	NA	NA	NA	NA
NITRATE/NITRITE	32.4 :J	24.7 :J	NA	NA	NA	NA	24.8 :J	31.1 :J	30.6 :V	25.1 :V
pH	8.04 :V	8.13 :V	7.33 :V	7.33 :V	NA	NA	9.31 :V	9.22 :V	8.67 :J	8.76 :J

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TABLE E-49
Surface Soil Duplicate Results
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

Sample Location:	SS805593	SS805593	SS806793	SS806793	SS807893	SS807893	SS808393	SS808393	SS809393	SS809393
Sample Identification Number:	SSG0049JE	SSG0132JE	SSG0061JE	SSG0134JE	SSG0072JE	SSG0153JE	SSG0077JE	SSG0137JE	SSG0087JE	SSG0130JE
Date Sampled:	10-Nov-94	10-Nov-94	15-Nov-94	15-Nov-94	12-Dec-94	12-Dec-94	18-Nov-94	18-Nov-94	9-Nov-94	9-Nov-94
Test Group:BNACLP Units:µg/kg										
1,2,4-TRICHLOROBENZENE	< 390 :V	< 390 :V	< 350 :V	< 360 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
1,2-DICHLOROBENZENE	< 390 :V	< 390 :V	< 350 :V	< 360 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
1,3-DICHLOROBENZENE	< 390 :V	< 390 :V	< 350 :V	< 360 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
1,4-DICHLOROBENZENE	< 390 :V	< 390 :V	< 350 :V	< 360 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
2,4,5-TRICHLOROPHENOL	< 1900 :V	< 1900 :V	< 1700 :V	< 1700 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1700 :V	< 1700 :V
2,4,6-TRICHLOROPHENOL	< 390 :V	< 390 :V	< 350 :V	< 360 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
2,4-DICHLOROPHENOL	< 390 :V	< 390 :V	< 350 :V	< 360 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
2,4-DIMETHYLPHENOL	< 390 :V	< 390 :V	< 350 :V	< 360 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
2,4-DINITROPHENOL	< 1900 :V	< 1900 :V	< 1700 :V	< 1700 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1700 :V	< 1700 :V
2,4-DINITROTOLUENE	< 390 :V	< 390 :V	< 350 :V	< 360 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
2,6-DINITROTOLUENE	< 390 :V	< 390 :V	< 350 :V	< 360 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
2-CHLORONAPHTHALENE	< 390 :V	< 390 :V	< 350 :V	< 360 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
2-CHLOROPHENOL	< 390 :V	< 390 :V	< 350 :V	< 360 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
2-METHYLNAPHTHALENE	< 390 :V	< 390 :V	< 350 :V	< 360 :V	360 J:A	500 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
2-METHYLPHENOL	< 390 :V	< 390 :V	< 350 :V	< 360 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
2-NITROANILINE	< 1900 :V	< 1900 :V	< 1700 :V	< 1700 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1700 :V	< 1700 :V
2-NITROPHENOL	< 390 :V	< 390 :V	< 350 :V	< 360 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
3,3'-DICHLOROBENZIDINE	< 780 :V	< 780 :V	< 710 :V	< 720 :V	< 750 :R	< 750 :R	< 750 :V	< 730 :V	< 700 :V	< 700 :V
3-NITROANILINE	< 1900 :V	< 1900 :V	< 1700 :V	< 1700 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1700 :V	< 1700 :V
4,6-DINITRO-2-METHYLPHENOL	< 1900 :V	< 1900 :V	< 1700 :V	< 1700 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1700 :V	< 1700 :V
4-CHLORO-3-METHYLPHENOL	< 390 :V	< 390 :V	< 350 :V	< 360 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
4-CHLOROANILINE	< 390 :V	< 390 :V	< 350 :V	< 360 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
4-CHLOROPHENYL PHENYL ETHER	< 390 :V	< 390 :V	< 350 :V	< 360 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
4-METHYLPHENOL	< 390 :V	< 390 :V	< 350 :V	< 360 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
4-NITROANILINE	< 1900 :V	< 1900 :V	120 J:A	97 J:A	< 1800 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1700 :V	< 1700 :V
4-NITROPHENOL	< 1900 :V	< 1900 :V	< 1700 :V	< 1700 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1700 :V	< 1700 :V
ACENAPHTHENE	< 390 :V	< 390 :V	< 350 :V	< 360 :V	2600 :V	3000 DJ:V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
ACENAPHTHYLENE	< 390 :V	< 390 :V	< 350 :V	< 360 :V	58 J:A	< 370 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
ANTHRACENE	< 390 :V	< 390 :V	< 350 :V	< 360 :V	3000 :V	4000 D:V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
BENZO(a)ANTHRACENE	< 390 :V	< 390 :V	51 J:A	< 360 :V	5700 D:V	9200 D:V	38 J:A	< 370 :V	< 350 :V	< 350 :V
BENZO(a)PYRENE	< 390 :V	< 390 :V	140 J:A	< 360 :V	6300 D:V	9400 D:V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
BENZO(b)FLUORANTHENE	< 390 :V	< 390 :V	110 J:A	53 J:A	7600 D:V	12000 D:V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
BENZO(ghi)PERYLENE	< 390 :V	< 390 :V	< 350 :V	< 360 :V	1900 :V	2500 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
BENZO(k)FLUORANTHENE	< 390 :V	< 390 :V	38 J:A	< 360 :V	1800 :V	2400 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
BENZOIC ACID	< 1900 :V	< 1900 :V	< 1700 :V	< 1700 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1700 :V	< 1700 :V
BENZYL ALCOHOL	< 390 :V	< 390 :V	< 350 :V	< 360 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
BIS(2-CHLOROETHOXY)METHANE	< 390 :V	< 390 :V	< 350 :V	< 360 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
BIS(2-CHLOROETHYL)ETHER	< 390 :V	< 390 :V	< 350 :V	< 360 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
BIS(2-CHLOROISOPROPYL)ETHER	< 390 :V	< 390 :V	< 350 :V	< 360 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
BIS(2-ETHYLHEXYL)PHTHALATE	< 390 :V	< 390 :V	< 350 :V	46 J:A	98 J:A	< 370 :V	44 J:A	49 J:A	< 350 :V	< 350 :V
BUTYL BENZYL PHTHALATE	< 420 :J	< 390 :J	< 350 :J	< 360 :J	< 370 :J	< 370 :J	< 490 :J	< 370 :J	< 350 :J	< 360 :J
CHRYSENE	< 390 :V	< 390 :V	68 J:A	37 J:A	6400 D:V	11000 D:V	41 J:A	< 370 :V	< 350 :V	< 350 :V
DI-n-BUTYL PHTHALATE	< 390 :V	< 390 :V	< 350 :V	< 360 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
DI-n-OCTYL PHTHALATE	< 390 :V	< 390 :V	< 350 :V	< 360 :V	< 370 :V	< 370 :V	< 370 :J	< 370 :J	44 J:A	< 350 :V
DIBENZO(a,h)ANTHRACENE	< 390 :V	< 390 :V	< 350 :V	< 360 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
DIBENZOFURAN	< 390 :V	< 390 :V	< 350 :V	< 360 :V	930 :V	1200 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
DIETHYL PHTHALATE	< 390 :V	< 390 :V	< 350 :V	< 360 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
DIMETHYL PHTHALATE	< 390 :V	< 390 :V	< 350 :V	< 360 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
FLUORANTHENE	45 J:A	61 J:A	130 J:A	60 J:A	12000 D:V	24000 D:V	75 J:A	< 370 :V	< 350 :V	< 350 :V
FLUORENE	< 390 :V	< 390 :V	< 350 :V	< 360 :V	2100 :V	2800 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
HEXACHLOROBENZENE	< 390 :V	< 390 :V	< 350 :V	< 360 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
HEXACHLOROBUTADIENE	< 390 :V	< 390 :V	< 350 :V	< 360 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
HEXACHLOROCYCLOPENTADIENE	< 390 :V	< 390 :V	< 350 :V	< 360 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
HEXACHLOROETHANE	< 390 :V	< 390 :V	< 350 :V	< 360 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V

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TABLE E-49
Surface Soil Duplicate Results
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

Sample Location:	SS805593	SS805593	SS806793	SS806793	SS807893	SS807893	SS808393	SS808393	SS809393	SS809393
Sample Identification Number:	SSG0049JE	SSG0132JE	SSG0061JE	SSG0134JE	SSG0072JE	SSG0153JE	SSG0077JE	SSG0137JE	SSG0087JE	SSG0130JE
Date Sampled:	10-Nov-94	10-Nov-94	15-Nov-94	15-Nov-94	12-Dec-94	12-Dec-94	18-Nov-94	18-Nov-94	9-Nov-94	9-Nov-94
INDENO(1,2,3-cd)PYRENE	< 390 :V	< 390 :V	48 J:A	< 360 :V	2100 :V	2800 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
ISOPHORONE	< 390 :V	< 390 :V	< 350 :V	< 360 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
N-NITROSO-DI-n-PROPYLAMINE	< 390 :V	< 390 :V	< 350 :V	< 360 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
N-NITROSODIPHENYLAMINE	< 390 :V	< 390 :V	< 350 :V	< 360 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
NAPHTHALENE	< 390 :V	< 390 :V	< 350 :V	< 360 :V	980 :V	1100 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
NITROBENZENE	< 390 :V	< 390 :V	< 350 :V	< 360 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
PENTACHLOROPHENOL	< 1900 :V	< 1900 :V	< 1700 :V	< 1700 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1800 :V	< 1700 :V	< 1700 :V
PHENANTHRENE	< 390 :V	43 J:A	78 J:A	< 360 :V	13000 D:V	22000 D:V	58 J:A	< 370 :V	< 350 :V	< 350 :V
PHENOL	< 390 :V	< 390 :V	< 350 :V	< 360 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
PYRENE	42 J:A	56 J:A	220 J:A	49 J:A	11000 D:V	26000 D:V	< 370 :J	< 370 :V	< 350 :V	< 350 :V
p-BROMODIPHENYL ETHER	< 390 :V	< 390 :V	< 350 :V	< 360 :V	< 370 :V	< 370 :V	< 370 :V	< 370 :V	< 350 :V	< 350 :V
Test Group:METADD Units:mg/kg										
CESIUM	< 11.2 :J	< 7 :J	< 2.7 :V	< 2.7 :V	< 11.2 :J	< 8.3 :J	< 2.8 :V	< 4.5 :J	< 6.1 :J	< 6.2 :J
LITHIUM	2.7 B:V	2.3 B:V	5.9 B:V	5.6 B:V	6.2 B:V	5.1 B:V	6.4 B:V	6 B:V	5.8 B:V	6 B:V
MOLYBDENUM	< .59 :J	< .56 :V	< 1.8 :J	< 1.2 :J	< .54 :V	< .5 :V	< .96 :J	< .9 :J	< 1.2 :J	< 1.4 :J
STRONTIUM	11.4 B:V	14 B:V	7.7 B:V	8.2 B:V	45.2 :V	43.1 :V	10.7 B:V	10.3 B:V	12.1 B:V	10.8 B:V
TIN	< 2.2 :V	< 2.3 :V	< 2 :V	< 2 :V	< 2.2 :V	< 2.1 :V	< 2.1 :V	< 2.2 :V	< 2 :V	< 2.1 :V
Test Group:SMETCLP Units:mg/kg										
ALUMINUM	2320 :V	2410 :V	4640 :V	4800 :V	6800 :V	6520 :V	6440 :V	5570 :V	4640 :V	4320 :V
ANTIMONY	< 2.5 :J	< 2.6 :J	< 2.3 :R	< 2.3 :R	< 2.5 :J	< 2.3 :J	< 2.4 :R	< 2.5 :R	< 2.3 :J	< 2.3 :J
ARSENIC	4 :V	4.5 :V	1.9 B:V	1.2 B:V	5.5 :V	5 :V	2.5 :V	1.6 B:V	2.1 :V	1.2 B:V
BARIUM	39.5 B:V	38.4 B:V	47.2 :V	51.8 :V	126 :V	140 :V	50.9 :V	53.4 :V	55.9 :V	51 :V
BERYLLIUM	< .15 :J	< .19 :J	.21 B:V	.19 B:V	.7 B:V	.65 B:V	.3 B:V	.24 B:V	< .21 :J	< .21 :J
CADMIUM	< .31 :V	.82 B:V	< .29 :V	< .29 :V	< .31 :V	< .29 :V	< .3 :V	< .32 :V	< .28 :V	< .29 :V
CALCIUM	1190 I:J	2230 I:J	1170 :V	1340 :V	22600 I:J	18600 I:J	4960 :V	3350 :V	2250 I:J	1780 I:J
CHROMIUM	4.8 :V	4.3 :V	8.5 :V	7.9 :V	8.7 :V	7.6 :V	8.2 :V	8.1 :V	11.2 :V	10.9 :V
COBALT	3.7 B:V	3.2 B:V	5 B:V	4.5 B:V	8.1 B:V	5.4 B:V	4.1 B:V	4.3 B:V	8 B:V	7 B:V
COPPER	12.8 :J	13.7 :J	17.6 :J	13.4 :J	12.8 :J	11.6 :J	13.7 :J	13.8 :J	18.4 :V	18.1 :V
IRON	4170 :V	4280 :V	8520 :V	8470 :V	11100 :V	9740 :V	9900 :V	9710 :V	11600 :V	10900 :V
LEAD	4.5 :V	8.1 :V	10.9 :V	8.7 :V	17.3 :J	15.3 :J	9 :V	8.5 :V	6.2 :V	5.4 :V
MAGNESIUM	845 B:V	783 B:V	1740 :V	1810 :V	1880 :V	1670 :V	2100 :V	2090 :V	2780 :V	2470 :V
MANGANESE	68.7 :V	78.2 :V	172 :V	168 :V	216 :V	172 :V	159 :V	158 :V	160 :V	141 :V
MERCURY	< .05 :V	< .05 :V	< .049 :V	< .054 :V	.05 B:V	< .06 :V	< .056 :V	< .058 :V	< .05 :V	< .05 :V
NICKEL	3.1 B:V	3.8 B:V	5.7 B:V	6.1 B:V	12.9 :V	9.9 :V	7.1 B:V	5.8 B:V	6.4 B:V	7.1 B:V
POTASSIUM	631 B:V	633 B:V	1490 :V	1580 :V	1610 :V	1560 :V	2950 :V	2650 :V	1660 :V	1460 :V
SELENIUM	< .56 :V	< .58 :V	< .52 :V	< .51 :V	< .56 :V	< .52 :V	< .54 :V	< .56 :V	< .51 :V	< .52 :V
SILVER	< .54 :V	< .56 :V	< .57 :J	< .49 :J	< .82 :J	< .96 :J	< .73 :J	< .54 :J	1.4 B:V	1.7 B:V
SODIUM	< 36.7 :J	78 B:V	93.5 B:V	101 B:V	< 64.3 :J	< 59.5 :J	718 B:V	593 B:V	94.5 B:V	81.4 B:V
THALLIUM	< .38 :V	< .39 :V	< .35 :V	< .35 :V	< .38 :V	< .35 :V	< .36 :V	< .38 :V	< .35 :V	< .35 :V
VANADIUM	9.4 B:V	10.5 B:V	13.6 :V	13.3 :V	25 :V	22.3 :V	17.7 :V	16.8 :V	21.2 :V	18.8 :V
ZINC	17.3 :V	179 :V	26.1 :V	27.5 :V	49.8 :V	49.3 :V	36.1 :V	43.4 :V	25.7 :V	25.1 :V
Test Group:TRADS Units:pCi/g										
AMERICIUM-241	.021(.014) :V	-.006(.012) U:V	NA	NA	.42(.037) :V	-.31(.03) :V	NA	NA	-.008(.012) U:V	.005(.005) U:V
GROSS ALPHA	-6.8(2.3) :A	13(2.7) :A	-17(3.6) :A	18(3.5) :A	-15(3) :A	16(3.1) :A	-25(4.1) :A	30(4.4) :A	25(4.1) :A	-24(3.8) :A
GROSS BETA	-22(3.2) :A	26(3.4) :A	-36(3.6) :A	39(3.8) :A	25(3.2) :A	-22(3.5) :A	37(3.7) :A	-34(3.8) :A	37(3.8) :A	-34(3.7) :A
PLUTONIUM-239/240	.098(.02) :V	-.013(.007) J:V	NA	NA	.45(.034) B:V	-.36(.03) B:V	NA	NA	-.007(.006) J:V	.014(.008) J:V
TRITIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-233,-234	-.61(.15) :V	.69(.2) :V	NA	NA	.75(.16) B:V	-.73(.13) B:V	NA	NA	-.89(.19) :V	.92(.19) :V
URANIUM-235	.019(.019) U:V	-.066(.066) U:V	NA	NA	-.062(.054) U:V	.038(.038) U:V	NA	NA	-.039(.039) U:V	.029(.039) U:V
URANIUM-238	-.59(.15) :V	.68(.2) :V	NA	NA	-.74(.16) :V	.77(.14) :V	NA	NA	1(.2) :V	-.81(.17) :V
Test Group:WQPL Units:µg/g										
FLUORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NITRATE/NITRITE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE E-49
Surface Soil Duplicate Results
OU8 - All IHSSs
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Sample Location: Sample Identification Number: Date Sampled:	SS810293 SSG0096JE 1-Nov-94	SS810293 SSG0124JE 1-Nov-94	SS811193 SSG0105JE 2-Dec-94	SS811193 SSG0148JE 2-Dec-94	SS812193 SSG0113JE 7-Nov-94	SS812193 SSG0127JE 7-Nov-94
Test Group:BNACLP Units:µg/kg						
1,2,4-TRICHLOROBENZENE	NA	NA	< 350 :V	< 350 :V	NA	NA
1,2-DICHLOROBENZENE	NA	NA	< 350 :V	< 350 :V	NA	NA
1,3-DICHLOROBENZENE	NA	NA	< 350 :V	< 350 :V	NA	NA
1,4-DICHLOROBENZENE	NA	NA	< 350 :V	< 350 :V	NA	NA
2,4,5-TRICHLOROPHENOL	NA	NA	< 1700 :V	< 1700 :V	NA	NA
2,4,6-TRICHLOROPHENOL	NA	NA	< 350 :V	< 350 :V	NA	NA
2,4-DICHLOROPHENOL	NA	NA	< 350 :V	< 350 :V	NA	NA
2,4-DIMETHYLPHENOL	NA	NA	< 350 :V	< 350 :V	NA	NA
2,4-DINITROPHENOL	NA	NA	< 1700 :V	< 1700 :V	NA	NA
2,4-DINITROTOLUENE	NA	NA	< 350 :V	< 350 :V	NA	NA
2,6-DINITROTOLUENE	NA	NA	< 350 :V	< 350 :V	NA	NA
2-CHLORONAPHTHALENE	NA	NA	< 350 :V	< 350 :V	NA	NA
2-CHLOROPHENOL	NA	NA	< 350 :V	< 350 :V	NA	NA
2-METHYLNAPHTHALENE	NA	NA	< 350 :V	< 350 :V	NA	NA
2-METHYLPHENOL	NA	NA	< 350 :V	< 350 :V	NA	NA
2-NITROANILINE	NA	NA	< 1700 :V	< 1700 :V	NA	NA
2-NITROPHENOL	NA	NA	< 350 :V	< 350 :V	NA	NA
3,3'-DICHLOROBENZIDINE	NA	NA	< 700 :V	< 690 :V	NA	NA
3-NITROANILINE	NA	NA	< 1700 :V	< 1700 :V	NA	NA
4,6-DINITRO-2-METHYLPHENOL	NA	NA	< 1700 :V	< 1700 :V	NA	NA
4-CHLORO-3-METHYLPHENOL	NA	NA	< 350 :V	< 350 :V	NA	NA
4-CHLOROANILINE	NA	NA	< 350 :V	< 350 :V	NA	NA
4-CHLOROPHENYL PHENYL ETHER	NA	NA	< 350 :V	< 350 :V	NA	NA
4-METHYLPHENOL	NA	NA	< 350 :V	< 350 :V	NA	NA
4-NITROANILINE	NA	NA	< 1700 :V	< 1700 :V	NA	NA
4-NITROPHENOL	NA	NA	< 1700 :V	< 1700 :V	NA	NA
ACENAPHTHENE	NA	NA	40 J:A	69 J:A	NA	NA
ACENAPHTHYLENE	NA	NA	< 350 :V	< 350 :V	NA	NA
ANTHRACENE	NA	NA	100 J:A	240 J:A	NA	NA
BENZO(a)ANTHRACENE	NA	NA	430 :V	720 :V	NA	NA
BENZO(a)PYRENE	NA	NA	510 :V	780 :V	NA	NA
BENZO(b)FLUORANTHENE	NA	NA	770 :V	1200 :V	NA	NA
BENZO(ghi)PERYLENE	NA	NA	170 J:A	270 J:A	NA	NA
BENZO(k)FLUORANTHENE	NA	NA	250 J:A	360 :V	NA	NA
BENZOIC ACID	NA	NA	< 1700 :V	< 1700 :V	NA	NA
BENZYL ALCOHOL	NA	NA	< 350 :V	< 350 :V	NA	NA
BIS(2-CHLOROETHOXY)METHANE	NA	NA	< 350 :V	< 350 :V	NA	NA
BIS(2-CHLOROETHYL)ETHER	NA	NA	< 350 :V	< 350 :V	NA	NA
BIS(2-CHLOROISOPROPYL)ETHER	NA	NA	< 350 :V	< 350 :V	NA	NA
BIS(2-ETHYLHEXYL)PHTHALATE	NA	NA	230 J:A	450 :J	NA	NA
BUTYL BENZYL PHTHALATE	NA	NA	< 350 :J	< 380 :J	NA	NA
CHRYSENE	NA	NA	680 :V	920 :V	NA	NA
DI-n-BUTYL PHTHALATE	NA	NA	< 350 :V	< 350 :V	NA	NA
DI-n-OCTYL PHTHALATE	NA	NA	< 350 :V	< 350 :V	NA	NA
DIBENZO(a,h)ANTHRACENE	NA	NA	58 J:A	86 J:A	NA	NA
DIBENZOFURAN	NA	NA	< 350 :V	< 350 :V	NA	NA
DIETHYL PHTHALATE	NA	NA	< 350 :V	< 350 :V	NA	NA
DIMETHYL PHTHALATE	NA	NA	< 350 :V	< 350 :V	NA	NA
FLUORANTHENE	NA	NA	1100 :V	1600 :V	NA	NA
FLUORENE	NA	NA	39 J:A	72 J:A	NA	NA
HEXACHLOROBENZENE	NA	NA	< 350 :V	< 350 :V	NA	NA
HEXACHLOROBUTADIENE	NA	NA	< 350 :V	< 350 :V	NA	NA
HEXACHLOROCYCLOPENTADIENE	NA	NA	< 350 :V	< 350 :V	NA	NA
HEXACHLOROETHANE	NA	NA	< 350 :V	< 350 :V	NA	NA

TABLE E-49
Surface Soil Duplicate Results
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS810293 SSG0096JE 1-Nov-94	SS810293 SSG0124JE 1-Nov-94	SS811193 SSG0105JE 2-Dec-94	SS811193 SSG0148JE 2-Dec-94	SS812193 SSG0113JE 7-Nov-94	SS812193 SSG0127JE 7-Nov-94
INDENO(1,2,3-cd)PYRENE	NA	NA	220 J:A	330 J:A	NA	NA
ISOPHORONE	NA	NA	< 350 :V	< 350 :V	NA	NA
N-NITROSO-DI-n-PROPYLAMINE	NA	NA	< 350 :V	< 350 :V	NA	NA
N-NITROSODIPHENYLAMINE	NA	NA	< 350 :V	< 350 :V	NA	NA
NAPHTHALENE	NA	NA	< 350 :V	< 350 :V	NA	NA
NITROBENZENE	NA	NA	< 350 :V	< 350 :V	NA	NA
PENTACHLOROPHENOL	NA	NA	< 1700 :V	< 1700 :V	NA	NA
PHENANTHRENE	NA	NA	700 :V	1000 :V	NA	NA
PHENOL	NA	NA	< 350 :V	< 350 :V	NA	NA
PYRENE	NA	NA	1000 :V	1500 :V	NA	NA
p-BROMODIPHENYL ETHER	NA	NA	< 350 :V	< 350 :V	NA	NA
Test Group:METADD Units:mg/kg						
CESIUM	< 4.2 :J	< 6.2 :J	5.8 B:V	< 2.5 :V	8.5 B:V	6 B:V
LITHIUM	5.6 B:V	5 B:V	< 1.7 :J	2.3 B:V	7.3 B:V	7.1 B:V
MOLYBDENUM	< 1 :J	< 1.2 :J	< .58 :J	< .47 :V	< 1.9 :J	< 2.2 :J
STRONTIUM	26.8 B:V	24.3 B:V	6.7 B:V	7.1 B:V	41.9 B:V	44.5 :V
TIN	< 2.1 :V	< 2 :V	< 1.9 :V	< 1.9 :V	< 2.1 :V	< 2 :V
Test Group:SMETCLP Units:mg/kg						
ALUMINUM	8960 :V	8070 :V	1450 :V	1900 :V	7590 :V	7930 :V
ANTIMONY	< 2.3 :J	< 2.3 :J	< 2.2 :J	< 3.4 :J	< 2.4 :R	< 2.3 :J
ARSENIC	4.8 :V	4.2 :V	1.3 B:J	1.1 B:J	1.7 B:V	1.7 B:V
BARIUM	82.1 :V	80.3 :V	20.1 B:V	22.5 B:V	26.8 B:V	27.2 B:V
BERYLLIUM	.74 B:V	.7 B:V	< .17 :J	< .17 :J	.32 B:V	.34 B:V
CADMIUM	< .29 :V	< .29 :V	< .27 :V	< .27 :V	< .3 :V	< .28 :V
CALCIUM	3980 I:J	3930 I:J	1980 :V	1950 :V	6900 :V	6850 :V
CHROMIUM	9.3 :V	8.6 :V	15 :V	17.8 :V	7.4 :V	7.6 :V
COBALT	6 B:V	6.1 B:V	1.5 B:V	1.7 B:V	19.1 :V	14.9 :V
COPPER	17.9 :V	15.5 :V	8 :V	9.3 :V	79.9 :V	74.5 :V
IRON	13100 :V	< 12100 :V	4790 :V	5500 :V	17100 :V	16800 :V
LEAD	9.8 :V	9.9 :V	52.1 :V	51.8 :V	7.9 :V	8.1 :V
MAGNESIUM	2590 :V	2520 :V	628 B:V	759 B:V	6440 :V	6300 :V
MANGANESE	336 :V	206 :V	68.4 :V	82.2 :V	434 :V	453 :V
MERCURY	< .05 :V	< .048 :V	< .052 :V	< .048 :V	< .05 :V	< .05 :V
NICKEL	11.2 :V	10.5 :V	3 B:V	4.2 B:V	9.6 :V	10.4 :V
POTASSIUM	1290 :V	1290 :V	481 B:V	577 B:V	1390 I:J	1320 I:J
SELENIUM	< .52 :V	< .52 :V	< .48 :J	< .48 :J	< .53 :V	< .5 :V
SILVER	< 1.3 :J	< 1.2 :J	1.1 B:J	.53 B:J	8.3 :J	6.1 :J
SODIUM	235 B:V	247 B:V	< 93.3 :J	< 87.4 :J	1180 :V	1520 :V
THALLIUM	< .35 :V	< .35 :V	< .33 :V	< .33 :V	< .36 :V	< .34 :V
VANADIUM	27.3 :V	26.6 :V	6.7 B:V	9.1 B:V	27.4 :V	27.3 :V
ZINC	32.9 :V	33 :V	40.5 :V	43.1 :V	39.1 :V	36 :V
Test Group:TRADS Units:pCi/g						
AMERICIUM-241	NA	NA	NA	NA	NA	NA
GROSS ALPHA	NA	NA	NA	NA	NA	NA
GROSS BETA	NA	NA	NA	NA	NA	NA
PLUTONIUM-239/240	NA	NA	NA	NA	NA	NA
TRITIUM	-110(140) U:A	-37(190) U:A	NA	NA	NA	NA
URANIUM-233,-234	NA	NA	NA	NA	NA	NA
URANIUM-235	NA	NA	NA	NA	NA	NA
URANIUM-238	NA	NA	NA	NA	NA	NA
Test Group:WQPL Units:µg/g						
FLUORIDE	NA	NA	NA	NA	NA	NA
NITRATE/NITRITE	NA	NA	21.1 :V	30.3 :V	1.56 :V	1.39 :V
pH	NA	NA	8.16 :V	7.93 :V	8.75 :V	8.89 :V

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TABLE E-50
Surface Soil Duplicate Data Summary
OU8 - All IHSSs
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	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
Test Group:BNACLP Units:µg/kg							
1,2,4-TRICHLOROBENZENE	330	340	SS802693 (1)	7100	SS804393 (2)		
1,2-DICHLOROBENZENE	330	340	SS802693 (1)	7100	SS804393 (2)		
1,3-DICHLOROBENZENE	330	340	SS802693 (1)	7100	SS804393 (2)		
1,4-DICHLOROBENZENE	330	340	SS802693 (1)	7100	SS804393 (2)		
2,4,5-TRICHLOROPHENOL	1600	1700	SS800793 (9)	34000	SS804393 (2)		
2,4,6-TRICHLOROPHENOL	330	340	SS802693 (1)	7100	SS804393 (2)		
2,4-DICHLOROPHENOL	330	340	SS802693 (1)	7100	SS804393 (2)		
2,4-DIMETHYLPHENOL	330	340	SS802693 (1)	7100	SS804393 (2)		
2,4-DINITROPHENOL	1600	1700	SS800793 (9)	34000	SS804393 (2)		
2,4-DINITROTOLUENE	330	340	SS802693 (1)	7100	SS804393 (2)		
2,6-DINITROTOLUENE	330	340	SS802693 (1)	7100	SS804393 (2)		
2-CHLORONAPHTHALENE	330	340	SS802693 (1)	7100	SS804393 (2)		
2-CHLOROPHENOL	330	340	SS802693 (1)	7100	SS804393 (2)		
2-METHYLNAPHTHALENE	330	340	SS802693 (1)	7100	SS804393 (1)	140 J:A	SS802093 (1)
2-METHYLPHENOL	330	340	SS802693 (1)	7100	SS804393 (2)		
2-NITROANILINE	1600	1700	SS800793 (9)	34000	SS804393 (2)		
2-NITROPHENOL	330	340	SS802693 (1)	7100	SS804393 (2)		
3,3'-DICHLOROBENZIDINE	660	690	SS802693 (3)	14000	SS804393 (2)		
3-NITROANILINE	1600	1700	SS800793 (9)	34000	SS804393 (2)		
4,6-DINITRO-2-METHYLPHENOL	1600	1700	SS800793 (9)	34000	SS804393 (2)		
4-CHLORO-3-METHYLPHENOL	330	340	SS802693 (1)	7100	SS804393 (2)		
4-CHLOROANILINE	330	340	SS802693 (1)	7100	SS804393 (2)		
4-CHLOROPHENYL PHENYL ETHER	330	340	SS802693 (1)	7100	SS804393 (2)		
4-METHYLPHENOL	330	340	SS802693 (1)	7100	SS804393 (2)		
4-NITROANILINE	1600	1700	SS800793 (7)	34000	SS804393 (2)	97 J:A	SS806793 (1)
4-NITROPHENOL	1600	1700	SS800793 (9)	34000	SS804393 (2)		
ACENAPHTHENE	330	350	SS806793 (3)	390	SS805593 (2)	38 J:A	SS802693 (1)
ACENAPHTHYLENE	330	340	SS802693 (1)	7100	SS804393 (2)	53 J:A	SS802093 (1)
ANTHRACENE	330	350	SS802693 (4)	390	SS805593 (2)	42 J:A	SS802693 (1)
BENZO(a)ANTHRACENE	330	350	SS809393 (2)	390	SS805593 (2)	38 J:A	SS800793 (2)
BENZO(a)PYRENE	330	350	SS809393 (2)	390	SS805593 (2)	44 J:A	SS800793 (1)
BENZO(b)FLUORANTHENE	330	350	SS809393 (2)	390	SS805593 (2)	53 J:A	SS806793 (1)
BENZO(ghi)PERYLENE	330	350	SS806793 (3)	390	SS805593 (2)	99 J:A	SS802693 (1)
BENZO(k)FLUORANTHENE	330	350	SS809393 (2)	390	SS805593 (2)	38 J:A	SS806793 (1)
BENZOIC ACID	1600	1700	SS800793 (8)	34000	SS804393 (2)	230 J:A	SS802693 (1)
BENZYL ALCOHOL	330	340	SS802693 (1)	7100	SS804393 (2)		
BIS(2-CHLOROETHOXY)METHANE	330	340	SS802693 (1)	7100	SS804393 (2)		
BIS(2-CHLOROETHYL)ETHER	330	340	SS802693 (1)	7100	SS804393 (2)		
BIS(2-CHLOROISOPROPYL)ETHER	330	340	SS802693 (1)	7100	SS804393 (2)		

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TABLE E-50
Surface Soil Duplicate Data Summary
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	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
BIS(2-ETHYLHEXYL)PHTHALATE	330	340	SS802693 (1)	7100	SS804393 (2)	44 J:A	SS808393 (1)
BUTYL BENZYL PHTHALATE	330	350	SS806793 (3)	7100	SS804393 (2)	88 J:A	SS800793 (1)
CHRYSENE	330	350	SS809393 (2)	390	SS805593 (2)	37 J:A	SS806793 (1)
DI-n-BUTYL PHTHALATE	330	350	SS806793 (5)	7100	SS804393 (2)	37 J:A	SS802693 (1)
DI-n-OCTYL PHTHALATE	330	340	SS802693 (1)	7100	SS804393 (2)	44 J:A	SS809393 (1)
DIBENZO(a,h)ANTHRACENE	330	340	SS802693 (1)	7100	SS804393 (2)	58 J:A	SS811193 (1)
DIBENZOFURAN	330	340	SS802693 (1)	390	SS805593 (2)	300 J:A	SS802093 (1)
DIETHYL PHTHALATE	330	340	SS802693 (1)	7100	SS804393 (2)		
DIMETHYL PHTHALATE	330	340	SS802693 (1)	7100	SS804393 (2)		
FLUORANTHENE	330	350	SS809393 (2)	370	SS808393 (1)	45 J:A	SS805593 (1)
FLUORENE	330	340	SS802693 (1)	390	SS805593 (2)	39 J:A	SS811193 (1)
HEXACHLOROBENZENE	330	340	SS802693 (1)	7100	SS804393 (2)		
HEXACHLOROBUTADIENE	330	340	SS802693 (1)	7100	SS804393 (2)		
HEXACHLOROCYCLOPENTADIENE	330	340	SS802693 (1)	7100	SS804393 (2)		
HEXACHLOROETHANE	330	340	SS802693 (1)	7100	SS804393 (2)		
INDENO(1,2,3-cd)PYRENE	330	350	SS809393 (2)	390	SS805593 (2)	48 J:A	SS806793 (1)
ISOPHORONE	330	340	SS802693 (1)	7100	SS804393 (2)		
N-NITROSO-DI-n-PROPYLAMINE	330	340	SS802693 (1)	7100	SS804393 (2)		
N-NITROSODIPHENYLAMINE	330	340	SS802693 (1)	7100	SS804393 (2)		
NAPHTHALENE	330	340	SS802693 (1)	390	SS805593 (2)	310 J:A	SS802093 (1)
NITROBENZENE	330	340	SS802693 (1)	7100	SS804393 (2)		
PENTACHLOROPHENOL	1600	1700	SS800793 (8)	34000	SS804393 (2)	42 J:A	SS802693 (1)
PHENANTHRENE	330	350	SS809393 (2)	390	SS805593 (1)	43 J:A	SS805593 (1)
PHENOL	330	340	SS802693 (1)	7100	SS804393 (2)		
PYRENE	330	350	SS809393 (2)	370	SS808393 (2)	42 J:A	SS805593 (1)
p-BROMODIPHENYL ETHER	330	340	SS802693 (1)	7100	SS804393 (2)		
Test Group:METADD Units:mg/kg							
CESIUM	1000	2.5	SS811193 (1)	11.2	SS805593 (2)	5.8 B:V	SS811193 (1)
LITHIUM	100	1.7	SS811193 (1)	1.7	SS811193 (1)	2.3 B:V	SS805593 (2)
MOLYBDENUM	200	0.47	SS811193 (1)	2.2	SS812193 (1)	7.8 B:J	SS802093 (1)
STRONTIUM	200	**	**	**	**	6.7 B:V	SS811193 (1)
TIN	200	1.9	SS802693 (3)	5.8	SS802093 (1)		
Test Group:SMETCLP Units:mg/kg							
ALUMINUM	200	**	**	**	**	1450 :V	SS811193 (1)
ANTIMONY	60	2.2	SS804393 (2)	3.4	SS811193 (1)	2.8 B:J	SS802093 (1)
ARSENIC	10	**	**	**	**	1.1 B:J	SS803193 (2)
BARIUM	200	**	**	**	**	20.1 B:V	SS811193 (1)
BERYLLIUM	5	0.15	SS805593 (1)	0.21	SS809393 (2)	.12 B:V	SS803193 (1)
CADMIUM	5	0.27	SS811193 (2)	0.32	SS808393 (1)	.82 B:V	SS805593 (1)
CALCIUM	5000	**	**	**	**	1170 :V	SS806793 (1)

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TABLE E-50
Surface Soil Duplicate Data Summary
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	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
CHROMIUM	10	**	**	**	**	4.3 :V	SS805593 (1)
COBALT	50	**	**	**	**	1.5 B:V	SS811193 (1)
COPPER	25	**	**	**	**	8 :V	SS811193 (1)
IRON	100	12100	SS810293 (1)	12100	SS810293 (1)	4170 :V	SS805593 (1)
LEAD	3	**	**	**	**	4.1 :V	SS803193 (1)
MAGNESIUM	5000	**	**	**	**	628 B:V	SS811193 (1)
MANGANESE	15	**	**	**	**	68.4 :V	SS811193 (1)
MERCURY	0.2	0.05	SS810293 (2)	0.06	SS807893 (1)	.05 B:V	SS807893 (1)
NICKEL	40	**	**	**	**	3 B:V	SS811193 (1)
POTASSIUM	5000	**	**	**	**	481 B:V	SS811193 (1)
SELENIUM	5	0.48	SS811193 (2)	0.58	SS805593 (1)		
SILVER	10	0.49	SS800793 (2)	1.7	SS803193 (1)	.53 B:J	SS811193 (1)
SODIUM	5000	36.7	SS805593 (1)	93.3	SS811193 (1)	78 B:V	SS805593 (1)
THALLIUM	10	0.33	SS802693 (3)	0.39	SS805593 (1)		
VANADIUM	50	**	**	**	**	6.7 B:V	SS811193 (1)
ZINC	20	**	**	**	**	17.3 :V	SS805593 (1)
Test Group:TRADS Units:pCi/g							
AMERICIUM-241	0.01	**	**	**	**	-6.3(.73) :V	SS802693 (1)
GROSS ALPHA	2	**	**	**	**	-25(4.1) :A	SS808393 (1)
GROSS BETA	4	**	**	**	**	-36(3.6) :A	SS806793 (1)
PLUTONIUM-239/240	0.01	**	**	**	**	-5.2(.14) B:V	SS802693 (1)
TRITIUM	300	**	**	**	**	-110(140) U:A	SS810293 (1)
URANIUM-233,-234	0.06	**	**	**	**	-2.9(.48) B:V	SS802093 (1)
URANIUM-235	0.07	**	**	**	**	-.11(.086) J:V	SS802093 (1)
URANIUM-238	0.06	**	**	**	**	-2.6(.44) B:V	SS802093 (1)
Test Group:WQPL Units:µg/g							
FLUORIDE	1	**	**	**	**	2.33 :V	SS800793 (1)
NITRATE/NITRITE	0.5	**	**	**	**	1.39 :V	SS812193 (1)
pH	0.01	**	**	**	**	7.33 :V	SS802093 (2)

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TABLE E-50
Surface Soil Duplicate Data Summary
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:BNACLP Units:µg/kg					
1,2,4-TRICHLOROBENZENE			0	20	0
1,2-DICHLOROBENZENE			0	20	0
1,3-DICHLOROBENZENE			0	20	0
1,4-DICHLOROBENZENE			0	20	0
2,4,5-TRICHLOROPHENOL			0	20	0
2,4,6-TRICHLOROPHENOL			0	20	0
2,4-DICHLOROPHENOL			0	20	0
2,4-DIMETHYLPHENOL			0	20	0
2,4-DINITROPHENOL			0	20	0
2,4-DINITROTOLUENE			0	20	0
2,6-DINITROTOLUENE			0	20	0
2-CHLORONAPHTHALENE			0	20	0
2-CHLOROPHENOL			0	20	0
2-METHYLNAPHTHALENE	2500 DJ:A	SS804393 (1)	5	20	487
2-METHYLPHENOL			0	20	0
2-NITROANILINE			0	20	0
2-NITROPHENOL			0	20	0
3,3'-DICHLOROBENZIDINE			0	18	0
3-NITROANILINE			0	18	0
4,6-DINITRO-2-METHYLPHENOL			0	20	0
4-CHLORO-3-METHYLPHENOL			0	20	0
4-CHLOROANILINE			0	20	0
4-CHLOROPHENYL PHENYL ETHER			0	20	0
4-METHYLPHENOL			0	20	0
4-NITROANILINE	120 J:A	SS806793 (1)	2	20	2418.35
4-NITROPHENOL			0	20	0
ACENAPHTHENE	7100 D:V	SS804393 (1)	10	20	936.25
ACENAPHTHYLENE	58 J:A	SS807893 (1)	2	20	505.05
ANTHRACENE	9000 D:V	SS804393 (1)	9	20	1165.6
BENZO(a)ANTHRACENE	13000 D:V	SS804393 (1)	14	20	2023.35
BENZO(a)PYRENE	13000 D:J	SS804393 (1)	13	20	2094.75
BENZO(b)FLUORANTHENE	13000 D:J	SS804393 (1)	14	20	2442.1
BENZO(ghi)PERYLENE	6200 DJ:A	SS804393 (1)	10	20	899.7
BENZO(k)FLUORANTHENE	9300 D:J	SS804393 (1)	12	20	1079.35
BENZOIC ACID	230 J:A	SS802693 (1)	1	20	2461.5
BENZYL ALCOHOL			0	19	0
BIS(2-CHLOROETHOXY)METHANE			0	20	0
BIS(2-CHLOROETHYL)ETHER			0	20	0
BIS(2-CHLOROISOPROPYL)ETHER			0	20	0

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TABLE E-50
Surface Soil Duplicate Data Summary
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
BIS(2-ETHYLHEXYL)PHTHALATE	450 :J	SS811193 (1)	10	20	505.75
BUTYL BENZYL PHTHALATE	2600 :V	SS802693 (1)	4	20	632.9
CHRYSENE	16000 D:V	SS804393 (1)	15	20	2428.75
DI-n-BUTYL PHTHALATE	56 J:A	SS802693 (1)	3	20	498.25
DI-n-OCTYL PHTHALATE	58 J:A	SS800793 (1)	2	20	505.35
DIBENZO(a,h)ANTHRACENE	360 J:A	SS802093 (2)	4	20	525.2
DIBENZOFURAN	3800 DJ:A	SS804393 (1)	6	20	499.5
DIETHYL PHTHALATE			0	20	0
DIMETHYL PHTHALATE			0	20	0
FLUORANTHENE	34000 D:V	SS804393 (1)	17	20	5127.85
FLUORENE	6700 DJ:A	SS804393 (1)	8	20	858.55
HEXACHLOROBENZENE			0	20	0
HEXACHLOROBUTADIENE			0	20	0
HEXACHLOROCYCLOPENTADIENE			0	20	0
HEXACHLOROETHANE			0	20	0
INDENO(1,2,3-cd)PYRENE	5400 DJ:A	SS804393 (1)	11	20	917.45
ISOPHORONE			0	20	0
N-NITROSO-DI-n-PROPYLAMINE			0	20	0
N-NITROSODIPHENYLAMINE			0	20	0
NAPHTHALENE	7300 D:V	SS804393 (1)	6	20	669.5
NITROBENZENE			0	20	0
PENTACHLOROPHENOL	42 J:A	SS802693 (1)	1	20	2452.1
PHENANTHRENE	36000 D:V	SS804393 (1)	15	20	4931.55
PHENOL			0	20	0
PYRENE	34000 D:V	SS804393 (1)	16	20	4959.05
p-BROMODIPHENYL ETHER			0	20	0
Test Group:METADD Units:mg/kg					
CESIUM	8.5 B:V	SS812193 (1)	3	26	3.4346
LITHIUM	9.6 B:V	SS802093 (1)	25	26	5.8442
MOLYBDENUM	10.1 B:J	SS802093 (1)	2	26	1.1437
STRONTIUM	99.5 :J	SS802093 (1)	26	26	26.4346
TIN			0	26	0
Test Group:SMETCLP Units:mg/kg					
ALUMINUM	19600 :V	SS802093 (1)	26	26	6643.077
ANTIMONY	3.2 B:J	SS802693 (1)	3	21	1.4619
ARSENIC	15.4 :V	SS802093 (1)	26	26	3.6077
BARIUM	168 :V	SS802093 (1)	26	26	69.9538
BERYLLIUM	.94 B:V	SS802693 (1)	20	26	0.3846
CADMIUM	3.9 :V	SS802093 (1)	5	26	0.6994
CALCIUM	22600 I:J	SS807893 (1)	26	26	6141.539

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TABLE E-50
Surface Soil Duplicate Data Summary
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
CHROMIUM	54 :V	SS802093 (1)	26	26	13.2654
COBALT	23.8 :V	SS804393 (1)	26	26	7.0808
COPPER	1860 :V	SS802093 (1)	26	26	112.8615
IRON	47000 :V	SS802093 (1)	25	26	12330.77
LEAD	103 :V	SS802093 (1)	26	26	20.4769
MAGNESIUM	6440 :V	SS812193 (1)	26	26	2361.731
MANGANESE	453 :V	SS812193 (1)	26	26	199.5654
MERCURY	.41 :V	SS804393 (1)	6	26	0.0584
NICKEL	20 :V	SS802093 (1)	26	26	8.5115
POTASSIUM	10600 :V	SS804393 (1)	26	26	1875.077
SELENIUM			0	26	0
SILVER	8.3 :J	SS812193 (1)	13	26	1.6817
SODIUM	1520 :V	SS812193 (1)	19	26	265.9942
THALLIUM			0	25	0
VANADIUM	30.7 :V	SS802693 (1)	26	26	20.1038
ZINC	1170 :V	SS802093 (1)	26	26	159.0462
Test Group:TRADS Units:pCi/g					
AMERICIUM-241	6.4(.64) :V	SS802693 (1)	10	10	0.0242
GROSS ALPHA	30(4) :A	SS802693 (2)	16	16	1.95
GROSS BETA	39(3.8) :A	SS806793 (1)	16	16	1.75
PLUTONIUM-239/240	5.6(.19) :V	SS802693 (1)	10	10	0.0592
TRITIUM	-37(190) U:A	SS810293 (1)	2	2	-73.5
URANIUM-233,-234	5(.58) B:V	SS802093 (1)	10	10	0.231
URANIUM-235	.42(.14) :V	SS802093 (1)	10	10	0.0218
URANIUM-238	4.6(.55) B:V	SS802093 (1)	10	10	0.241
Test Group:WQPL Units:µg/g					
FLUORIDE	2.97 :V	SS800793 (1)	2	2	2.65
NITRATE/NITRITE	32.4 :J	SS800793 (1)	10	10	22.305
pH	9.31 :V	SS803193 (1)	12	12	8.3767

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TABLE E-51
OU8 Surface Soil Samples
Positive Results Rejected Data
Rocky Flats Environmental Technology Site

IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Result	Unit	Laboratory Qualifier	Data Validation Qualifier
123.1	SS800693	SSG0006JE	BNACLP	BENZYL ALCOHOL	370.000	µg/kg	U	R
123.1	SS800793	SSG0007JE	BNACLP	BENZYL ALCOHOL	360.000	µg/kg	U	R
123.1	SS800893	SSG0008JE	BNACLP	BENZYL ALCOHOL	370.000	µg/kg	U	R
137	SS801593	SSG0015JE	SMETCLP	THALLIUM	0.340	mg/kg	U	R
137	SS801993	SSG0019JE	BNACLP	3-NITROANILINE	3400.000	µg/kg	U	R
137	SS802093	SSG0020JE	BNACLP	3-NITROANILINE	1800.000	µg/kg	U	R
137	SS802193	SSG0021JE	BNACLP	3-NITROANILINE	1700.000	µg/kg	U	R
138	SS802893	SSG0028JE	BNACLP	BENZYL ALCOHOL	6900.000	µg/kg	U	R
139.1S	SS803993	SSG0033JE	BNACLP	3-NITROANILINE	1700.000	µg/kg	U	R
139.1S	SS803993	SSG0033JE	BNACLP	4-CHLOROANILINE	340.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	1,2,4-TRICHLOROBENZENE	690.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	1,2-DICHLOROBENZENE	690.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	1,3-DICHLOROBENZENE	690.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	1,4-DICHLOROBENZENE	690.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	2,4,5-TRICHLOROPHENOL	3400.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	2,4,6-TRICHLOROPHENOL	690.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	2,4-DICHLOROPHENOL	690.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	2,4-DIMETHYLPHENOL	690.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	2,4-DINITROPHENOL	3400.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	2,4-DINITROTOLUENE	690.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	2,6-DINITROTOLUENE	690.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	2-CHLORONAPHTHALENE	690.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	2-CHLOROPHENOL	690.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	2-METHYLNAPHTHALENE	690.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	2-METHYLPHENOL	690.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	2-NITROANILINE	3400.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	2-NITROPHENOL	690.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	3,3'-DICHLOROBENZIDINE	1400.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	3-NITROANILINE	3400.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	4,6-DINITRO-2-METHYLPHENOL	3400.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	4-CHLORO-3-METHYLPHENOL	690.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	4-CHLOROANILINE	690.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	4-CHLOROPHENYL PHENYL ETHER	690.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	4-METHYLPHENOL	690.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	4-NITROANILINE	3400.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	4-NITROPHENOL	3400.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	ACENAPHTHYLENE	690.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	BENZOIC ACID	3400.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	BENZYL ALCOHOL	690.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	BIS(2-CHLOROETHOXY)METHANE	690.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	BIS(2-CHLOROETHYL)ETHER	690.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	BIS(2-CHLOROISOPROPYL)ETHER	690.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	BIS(2-ETHYLHEXYL)PHTHALATE	690.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	BUTYL BENZYL PHTHALATE	690.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	DI-n-BUTYL PHTHALATE	690.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	DI-n-OCTYL PHTHALATE	690.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	DIETHYL PHTHALATE	690.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	DIMETHYL PHTHALATE	690.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	HEXACHLOROBENZENE	690.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	HEXACHLOROBUTADIENE	690.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	HEXACHLOROCYCLOPENTADIENE	690.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	HEXACHLOROETHANE	690.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	ISOPHORONE	690.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	N-NITROSO-DI-n-PROPYLAMINE	690.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	N-NITROSODIPHENYLAMINE	690.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	NITROBENZENE	690.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	PENTACHLOROPHENOL	3400.000	µg/kg	U	R
144N	SS804593	SSG0039JE	BNACLP	PHENOL	690.000	µg/kg	U	R

TABLE E-51
OU8 Surface Soil Samples
Positive Results Rejected Data
Rocky Flats Environmental Technology Site

144N	SS804593	SSG0039JE	BNACLP	p-BROMODIPHENYL ETHER	690.000	µg/kg	U	R
144N	SS805093	SSG0044JE	BNACLP	3-NITROANILINE	1800.000	µg/kg	U	R
144N	SS805193	SSG0045JE	BNACLP	3-NITROANILINE	1700.000	µg/kg	U	R
144N	SS805293	SSG0046JE	BNACLP	3-NITROANILINE	1600.000	µg/kg	U	R
144N	SS805293	SSG0046JE	SMETCLP	THALLIUM	0.340	mg/kg	U	R
150.1	SS806193	SSG0055JE	SMETCLP	ANTIMONY	2.300	mg/kg	U	R
150.1	SS806293	SSG0056JE	SMETCLP	ANTIMONY	2.200	mg/kg	U	R
150.1	SS806393	SSG0057JE	SMETCLP	ANTIMONY	2.500	mg/kg	U	R
150.1	SS806493	SSG0058JE	SMETCLP	ANTIMONY	2.300	mg/kg	U	R
150.1	SS806593	SSG0059JE	SMETCLP	ANTIMONY	2.600	mg/kg	U	R
150.1	SS806693	SSG0060JE	SMETCLP	ANTIMONY	2.300	mg/kg	U	R
150.1	SS806793	SSG0061JE	SMETCLP	ANTIMONY	2.300	mg/kg	U	R
150.1	SS806893	SSG0062JE	SMETCLP	ANTIMONY	2.400	mg/kg	U	R
150.1	SS806993	SSG0063JE	SMETCLP	ANTIMONY	2.400	mg/kg	U	R
150.3	SS807493	SSG0068JE	BNACLP	3,3'-DICHLOROBENZIDINE	810.000	µg/kg	U	R
150.3	SS807593	SSG0069JE	BNACLP	3,3'-DICHLOROBENZIDINE	790.000	µg/kg	U	R
150.3	SS807693	SSG0070JE	BNACLP	3,3'-DICHLOROBENZIDINE	800.000	µg/kg	U	R
150.3	SS807793	SSG0071JE	BNACLP	3,3'-DICHLOROBENZIDINE	790.000	µg/kg	U	R
150.3	SS807893	SSG0072JE	BNACLP	3,3'-DICHLOROBENZIDINE	750.000	µg/kg	U	R
150.3	SS807993	SSG0073JE	BNACLP	3,3'-DICHLOROBENZIDINE	720.000	µg/kg	U	R
150.3	SS808093	SSG0074JE	BNACLP	3,3'-DICHLOROBENZIDINE	710.000	µg/kg	U	R
150.4	SS808193	SSG0075JE	SMETCLP	ANTIMONY	2.400	mg/kg	U	R
150.4	SS808293	SSG0076JE	SMETCLP	ANTIMONY	2.200	mg/kg	U	R
150.4	SS808393	SSG0077JE	SMETCLP	ANTIMONY	2.400	mg/kg	U	R
150.4	SS808493	SSG0078JE	SMETCLP	ANTIMONY	2.800	mg/kg	U	R
150.4	SS808493	SSG0078JE	SMETCLP	SILVER	0.600	mg/kg	U	R
150.4	SS808593	SSG0079JE	SMETCLP	ANTIMONY	2.300	mg/kg	U	R
150.4	SS808593	SSG0079JE	SMETCLP	SILVER	0.490	mg/kg	U	R
172	SS811593	SSG0109JE	SMETCLP	ANTIMONY	2.600	mg/kg	U	R
173	SS812093	SSG0112JE	BNACLP	3-NITROANILINE	1700.000	µg/kg	U	R
188	SS812193	SSG0113JE	SMETCLP	ANTIMONY	2.400	mg/kg	U	R
188	SS812493	SSG0116JE	SMETCLP	ANTIMONY	2.400	mg/kg	U	R

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TABLE E-52
Surface Soil Rejected Data Results
OU8 - All IHSS
Rocky Flats Environmental Technology Site

Sample Location:	SS800693	SS800793	SS800893	SS801593	SS801993	SS802093	SS802093	SS802193	SS802893	SS803993	SS804593
Sample Identification Number:	SSG0006JE	SSG0007JE	SSG0008JE	SSG0015JE	SSG0019JE	SSG0020JE	SSG0120JE	SSG0021JE	SSG0028JE	SSG0033JE	SSG0039JE
Date Sampled:	1-Dec-94	1-Dec-94	1-Dec-94	27-Oct-94	27-Oct-94	27-Oct-94	27-Oct-94	27-Oct-94	31-Oct-94	21-Nov-94	26-Oct-94
Test Group:BNACLP Units:µg/kg											
1,2,4-TRICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 690 :R
1,2-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 690 :R
1,3-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 690 :R
1,4-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 690 :R
2,4,5-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3400 :R
2,4,6-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 690 :R
2,4-DICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 690 :R
2,4-DIMETHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 690 :R
2,4-DINITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3400 :R
2,4-DINITROTOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 690 :R
2,6-DINITROTOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 690 :R
2-CHLORONAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 690 :R
2-CHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 690 :R
2-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 690 :R
2-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 690 :R
2-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3400 :R
2-NITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 690 :R
3,3'-DICHLOROBENZIDINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1400 :R
3-NITROANILINE	NA	NA	NA	NA	< 3400 :R	< 1800 :R	< 1800 :R	< 1700 :R	NA	< 1700 :R	< 3400 :R
4,6-DINITRO-2-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3400 :R
4-CHLORO-3-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 690 :R
4-CHLOROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 340 :R	< 690 :R
4-CHLOROPHENYL PHENYL ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 690 :R
4-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 690 :R
4-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3400 :R
4-NITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3400 :R
ACENAPHTHYLENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 690 :R
BENZOIC ACID	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3400 :R
BENZYL ALCOHOL	< 370 :R	< 360 :R	< 370 :R	NA	NA	NA	NA	NA	< 6900 :R	NA	< 690 :R
BIS(2-CHLOROETHOXY)METHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 690 :R
BIS(2-CHLOROETHYL)ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 690 :R
BIS(2-CHLOROISOPROPYL)ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 690 :R
BIS(2-ETHYLHEXYL)PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 690 :R
BUTYL BENZYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 690 :R
DI-n-BUTYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 690 :R
DI-n-OCTYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 690 :R
DIETHYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 690 :R
DIMETHYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 690 :R
HEXACHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 690 :R

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TABLE E-52
Surface Soil Rejected Data Results
OU8 - All IHSS
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS800693 SSG0006JE 1-Dec-94	SS800793 SSG0007JE 1-Dec-94	SS800893 SSG0008JE 1-Dec-94	SS801593 SSG0015JE 27-Oct-94	SS801993 SSG0019JE 27-Oct-94	SS802093 SSG0020JE 27-Oct-94	SS802093 SSG0120JE 27-Oct-94	SS802193 SSG0021JE 27-Oct-94	SS802893 SSG0028JE 31-Oct-94	SS803993 SSG0033JE 21-Nov-94	SS804593 SSG0039JE 26-Oct-94
HEXACHLOROBUTADIENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 690 :R
HEXACHLOROCYCLOPENTADIENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 690 :R
HEXACHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 690 :R
ISOPHORONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 690 :R
N-NITROSO-DI-n-PROPYLAMINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 690 :R
N-NITROSODIPHENYLAMINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 690 :R
NITROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 690 :R
PENTACHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3400 :R
PHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 690 :R
p-BROMODIPHENYL ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 690 :R
Test Group:SMETCLP Units:mg/kg											
ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SILVER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THALLIUM	NA	NA	NA	< .34 :R	NA	NA	< .36 :R	NA	NA	NA	NA

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TABLE E-52
Surface Soil Rejected Data Results
OU8 - All IHSS
Rocky Flats Environmental Technology Site

Sample Location:	SS805093	SS805193	SS805293	SS806193	SS806293	SS806393	SS806493	SS806593	SS806693	SS806793	SS806793
Sample Identification Number:	SSG0044JE	SSG0045JE	SSG0046JE	SSG0055JE	SSG0056JE	SSG0057JE	SSG0058JE	SSG0059JE	SSG0060JE	SSG0061JE	SSG0134JE
Date Sampled:	26-Oct-94	26-Oct-94	26-Oct-94	16-Nov-94	16-Nov-94	16-Nov-94	16-Nov-94	16-Nov-94	16-Nov-94	15-Nov-94	15-Nov-94
Test Group:BNACLP Units:µg/kg											
1,2,4-TRICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DIMETHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DINITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DINITROTOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-DINITROTOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-CHLORONAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-CHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-NITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-DICHLOROBENZIDINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-NITROANILINE	< 1800 :R	< 1700 :R	< 1600 :R	NA	NA	NA	NA	NA	NA	NA	NA
4,6-DINITRO-2-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLORO-3-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLOROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLOROPHENYL PHENYL ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-NITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACENAPHTHYLENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZOIC ACID	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZYL ALCOHOL	NA	NA	NA	< 2900 :R	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROETHOXY)METHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROETHYL)ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROISOPROPYL)ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-ETHYLHEXYL)PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BUTYL BENZYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DI-n-BUTYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DI-n-OCTYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIETHYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIMETHYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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TABLE E-52
Surface Soil Rejected Data Results
OU8 - All IHSS
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS805093 SSG0044JE 26-Oct-94	SS805193 SSG0045JE 26-Oct-94	SS805293 SSG0046JE 26-Oct-94	SS806193 SSG0055JE 16-Nov-94	SS806293 SSG0056JE 16-Nov-94	SS806393 SSG0057JE 16-Nov-94	SS806493 SSG0058JE 16-Nov-94	SS806593 SSG0059JE 16-Nov-94	SS806693 SSG0060JE 16-Nov-94	SS806793 SSG0061JE 15-Nov-94	SS806793 SSG0134JE 15-Nov-94
HEXACHLOROBUTADIENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROCYCLOPENTADIENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ISOPHORONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-NITROSO-DI-n-PROPYLAMINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-NITROSODIPHENYLAMINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NITROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PENTACHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-BROMODIPHENYL ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:SMETCLP Units:mg/kg											
ANTIMONY	NA	NA	NA	< 2.3 :R	< 2.2 :R	< 2.5 :R	< 2.3 :R	< 2.6 :R	< 2.3 :R	< 2.3 :R	< 2.3 :R
SILVER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THALLIUM	NA	NA	< .34 :R	NA	NA	NA	NA	NA	NA	NA	NA

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TABLE E-52
Surface Soil Rejected Data Results
OU8 - All IHSS
Rocky Flats Environmental Technology Site

Sample Location:	SS806893	SS806993	SS807493	SS807593	SS807693	SS807793	SS807893	SS807893	SS807993	SS808093	SS808193
Sample Identification Number:	SSG0062JE	SSG0063JE	SSG0068JE	SSG0069JE	SSG0070JE	SSG0071JE	SSG0072JE	SSG0153JE	SSG0073JE	SSG0074JE	SSG0075JE
Date Sampled:	16-Nov-94	16-Nov-94	12-Dec-94	12-Dec-94	12-Dec-94	12-Dec-94	12-Dec-94	12-Dec-94	12-Dec-94	12-Dec-94	18-Nov-94
Test Group:BNACLP Units:µg/kg											
1,2,4-TRICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DIMETHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DINITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DINITROTOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-DINITROTOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-CHLORONAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-CHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-NITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-DICHLOROBENZIDINE	NA	NA	< 810 :R	< 790 :R	< 800 :R	< 790 :R	< 750 :R	< 750 :R	< 720 :R	< 710 :R	NA
3-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-DINITRO-2-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLORO-3-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLOROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLOROPHENYL PHENYL ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-NITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACENAPHTHYLENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZOIC ACID	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZYL ALCOHOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROETHOXY)METHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROETHYL)ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROISOPROPYL)ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-ETHYLHEXYL)PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BUTYL BENZYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DI-n-BUTYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DI-n-OCTYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIETHYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIMETHYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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TABLE E-52
Surface Soil Rejected Data Results
OU8 - All IHSS
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS806893 SSG0062JE 16-Nov-94	SS806993 SSG0063JE 16-Nov-94	SS807493 SSG0068JE 12-Dec-94	SS807593 SSG0069JE 12-Dec-94	SS807693 SSG0070JE 12-Dec-94	SS807793 SSG0071JE 12-Dec-94	SS807893 SSG0072JE 12-Dec-94	SS807893 SSG0153JE 12-Dec-94	SS807993 SSG0073JE 12-Dec-94	SS808093 SSG0074JE 12-Dec-94	SS808193 SSG0075JE 18-Nov-94
HEXACHLOROBUTADIENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROCYCLOPENTADIENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ISOPHORONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-NITROSO-DI-n-PROPYLAMINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-NITROSODIPHENYLAMINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NITROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PENTACHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-BROMODIPHENYL ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:SMETCLP Units:mg/kg											
ANTIMONY	< 2.4 :R	< 2.4 :R	NA	NA	NA	NA	NA	NA	NA	NA	< 2.4 :R
SILVER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THALLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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TABLE E-52
Surface Soil Rejected Data Results
OU8 - All IHSS
Rocky Flats Environmental Technology Site

Sample Location:	SS808293	SS808393	SS808393	SS808493	SS808593	SS811593	SS812093	SS812193	SS812493
Sample Identification Number:	SSG0076JE	SSG0077JE	SSG0137JE	SSG0078JE	SSG0079JE	SSG0109JE	SSG0112JE	SSG0113JE	SSG0116JE
Date Sampled:	18-Nov-94	18-Nov-94	18-Nov-94	18-Nov-94	18-Nov-94	13-Dec-94	20-Dec-94	7-Nov-94	7-Nov-94
Test Group:BNACLP Units:µg/kg									
1,2,4-TRICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DIMETHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DINITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DINITROTOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-DINITROTOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-CHLORONAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-CHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-NITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-DICHLOROBENZIDINE	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-NITROANILINE	NA	NA	NA	NA	NA	NA	< 1700 :R	NA	NA
4,6-DINITRO-2-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLORO-3-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLOROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLOROPHENYL PHENYL ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-NITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACENAPHTHYLENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZOIC ACID	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZYL ALCOHOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROETHOXY)METHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROETHYL)ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROISOPROPYL)ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-ETHYLHEXYL)PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA
BUTYL BENZYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA
DI-n-BUTYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA
DI-n-OCTYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIETHYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIMETHYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA

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TABLE E-52
Surface Soil Rejected Data Results
OU8 - All IHSS
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS808293 SSG0076JE 18-Nov-94	SS808393 SSG0077JE 18-Nov-94	SS808393 SSG0137JE 18-Nov-94	SS808493 SSG0078JE 18-Nov-94	SS808593 SSG0079JE 18-Nov-94	SS811593 SSG0109JE 13-Dec-94	SS812093 SSG0112JE 20-Dec-94	SS812193 SSG0113JE 7-Nov-94	SS812493 SSG0116JE 7-Nov-94
HEXACHLOROBUTADIENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROCYCLOPENTADIENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
ISOPHORONE	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-NITROSO-DI-n-PROPYLAMINE	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-NITROSODIPHENYLAMINE	NA	NA	NA	NA	NA	NA	NA	NA	NA
NITROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA
PENTACHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
PHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-BROMODIPHENYL ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:SMETCLP Units:mg/kg									
ANTIMONY	< 2.2 :R	< 2.4 :R	< 2.5 :R	< 2.8 :R	< 2.3 :R	< 2.6 :R	NA	< 2.4 :R	< 2.4 :R
SILVER	NA	NA	NA	< .6 :R	< .49 :R	NA	NA	NA	NA
THALLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA

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TABLE E-53
Surface Soil Rejected Data - Data Summary
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
Test Group:BNACLP Units:µg/kg							
1,2,4-TRICHLOROBENZENE	330	**	**	**	**		
1,2-DICHLOROBENZENE	330	**	**	**	**		
1,3-DICHLOROBENZENE	330	**	**	**	**		
1,4-DICHLOROBENZENE	330	**	**	**	**		
2,4,5-TRICHLOROPHENOL	1600	**	**	**	**		
2,4,6-TRICHLOROPHENOL	330	**	**	**	**		
2,4-DICHLOROPHENOL	330	**	**	**	**		
2,4-DIMETHYLPHENOL	330	**	**	**	**		
2,4-DINITROPHENOL	1600	**	**	**	**		
2,4-DINITROTOLUENE	330	**	**	**	**		
2,6-DINITROTOLUENE	330	**	**	**	**		
2-CHLORONAPHTHALENE	330	**	**	**	**		
2-CHLOROPHENOL	330	**	**	**	**		
2-METHYLNAPHTHALENE	330	**	**	**	**		
2-METHYLPHENOL	330	**	**	**	**		
2-NITROANILINE	1600	**	**	**	**		
2-NITROPHENOL	330	**	**	**	**		
3,3'-DICHLOROBENZIDINE	660	**	**	**	**		
3-NITROANILINE	1600	**	**	**	**		
4,6-DINITRO-2-METHYLPHENOL	1600	**	**	**	**		
4-CHLORO-3-METHYLPHENOL	330	**	**	**	**		
4-CHLOROANILINE	330	**	**	**	**		
4-CHLOROPHENYL PHENYL ETHER	330	**	**	**	**		
4-METHYLPHENOL	330	**	**	**	**		
4-NITROANILINE	1600	**	**	**	**		
4-NITROPHENOL	1600	**	**	**	**		
ACENAPHTHYLENE	330	**	**	**	**		
BENZOIC ACID	1600	**	**	**	**		
BENZYL ALCOHOL	330	**	**	**	**		
BIS(2-CHLOROETHOXY)METHANE	330	**	**	**	**		
BIS(2-CHLOROETHYL)ETHER	330	**	**	**	**		
BIS(2-CHLOROISOPROPYL)ETHER	330	**	**	**	**		
BIS(2-ETHYLHEXYL)PHTHALATE	330	**	**	**	**		
BUTYL BENZYL PHTHALATE	330	**	**	**	**		
DI-n-BUTYL PHTHALATE	330	**	**	**	**		
DI-n-OCTYL PHTHALATE	330	**	**	**	**		
DIETHYL PHTHALATE	330	**	**	**	**		
DIMETHYL PHTHALATE	330	**	**	**	**		
HEXACHLOROBENZENE	330	**	**	**	**		
HEXACHLOROBUTADIENE	330	**	**	**	**		

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TABLE E-53
Surface Soil Rejected Data - Data Summary
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *
HEXACHLOROCYCLOPENTADIENE	330	**	**	**	**		
HEXACHLOROETHANE	330	**	**	**	**		
ISOPHORONE	330	**	**	**	**		
N-NITROSO-DI-n-PROPYLAMINE	330	**	**	**	**		
N-NITROSODIPHENYLAMINE	330	**	**	**	**		
NITROBENZENE	330	**	**	**	**		
PENTACHLOROPHENOL	1600	**	**	**	**		
PHENOL	330	**	**	**	**		
p-BROMODIPHENYL ETHER	330	**	**	**	**		
Test Group:SMETCLP Units:mg/kg							
ANTIMONY	60	**	**	**	**		
SILVER	10	**	**	**	**		
THALLIUM	10	**	**	**	**		

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TABLE E-53
Surface Soil Rejected Data - Data Summary
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:BNACLP Units:µg/kg					
1,2,4-TRICHLOROBENZENE			0	0	0
1,2-DICHLOROBENZENE			0	0	0
1,3-DICHLOROBENZENE			0	0	0
1,4-DICHLOROBENZENE			0	0	0
2,4,5-TRICHLOROPHENOL			0	0	0
2,4,6-TRICHLOROPHENOL			0	0	0
2,4-DICHLOROPHENOL			0	0	0
2,4-DIMETHYLPHENOL			0	0	0
2,4-DINITROPHENOL			0	0	0
2,4-DINITROTOLUENE			0	0	0
2,6-DINITROTOLUENE			0	0	0
2-CHLORONAPHTHALENE			0	0	0
2-CHLOROPHENOL			0	0	0
2-METHYLNAPHTHALENE			0	0	0
2-METHYLPHENOL			0	0	0
2-NITROANILINE			0	0	0
2-NITROPHENOL			0	0	0
3,3'-DICHLOROBENZIDINE			0	0	0
3-NITROANILINE			0	0	0
4,6-DINITRO-2-METHYLPHENOL			0	0	0
4-CHLORO-3-METHYLPHENOL			0	0	0
4-CHLOROANILINE			0	0	0
4-CHLOROPHENYL PHENYL ETHER			0	0	0
4-METHYLPHENOL			0	0	0
4-NITROANILINE			0	0	0
4-NITROPHENOL			0	0	0
ACENAPHTHYLENE			0	0	0
BENZOIC ACID			0	0	0
BENZYL ALCOHOL			0	0	0
BIS(2-CHLOROETHOXY)METHANE			0	0	0
BIS(2-CHLOROETHYL)ETHER			0	0	0
BIS(2-CHLOROISOPROPYL)ETHER			0	0	0
BIS(2-ETHYLHEXYL)PHTHALATE			0	0	0
BUTYL BENZYL PHTHALATE			0	0	0
DI-n-BUTYL PHTHALATE			0	0	0
DI-n-OCTYL PHTHALATE			0	0	0
DIETHYL PHTHALATE			0	0	0
DIMETHYL PHTHALATE			0	0	0
HEXACHLOROBENZENE			0	0	0
HEXACHLOROBUTADIENE			0	0	0

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TABLE E-53
Surface Soil Rejected Data - Data Summary
OU8 - All IHSSs
Rocky Flats Environmental Technology Site

	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
HEXACHLOROCYCLOPENTADIENE			0	0	0
HEXACHLOROETHANE			0	0	0
ISOPHORONE			0	0	0
N-NITROSO-DI-n-PROPYLAMINE			0	0	0
N-NITROSODIPHENYLAMINE			0	0	0
NITROBENZENE			0	0	0
PENTACHLOROPHENOL			0	0	0
PHENOL			0	0	0
p-BROMODIPHENYL ETHER			0	0	0
Test Group:SMETCLP Units:mg/kg					
ANTIMONY			0	0	0
SILVER			0	0	0
THALLIUM			0	0	0

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TABLE E-54
Field Duplicate Results
Relative Percent Differences
OU8 Surface Soil Samples IHSS 123.1
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS800793 SSG0007JE 1-Dec-94	SS800793 SSG0145JE 1-Dec-94	RPD	Data Acceptable For Intended Use?
Test Group:BNACLP Units: µg/kg				
1,2,4-TRICHLOROBENZENE	< 360 :V	< 360 :V	NC	Not Applicable
1,2-DICHLOROBENZENE	< 360 :V	< 360 :V	NC	Not Applicable
1,3-DICHLOROBENZENE	< 360 :V	< 360 :V	NC	Not Applicable
1,4-DICHLOROBENZENE	< 360 :V	< 360 :V	NC	Not Applicable
2,4,5-TRICHLOROPHENOL	< 1700 :V	< 1800 :V	NC	Not Applicable
2,4,6-TRICHLOROPHENOL	< 360 :V	< 360 :V	NC	Not Applicable
2,4-DICHLOROPHENOL	< 360 :V	< 360 :V	NC	Not Applicable
2,4-DIMETHYLPHENOL	< 360 :V	< 360 :V	NC	Not Applicable
2,4-DINITROPHENOL	< 1700 :V	< 1800 :V	NC	Not Applicable
2,4-DINITROTOLUENE	< 360 :V	< 360 :V	NC	Not Applicable
2,6-DINITROTOLUENE	< 360 :V	< 360 :V	NC	Not Applicable
2-CHLORONAPHTHALENE	< 360 :V	< 360 :V	NC	Not Applicable
2-CHLOROPHENOL	< 360 :V	< 360 :V	NC	Not Applicable
2-METHYLNAPHTHALENE	< 360 :V	< 360 :V	NC	Not Applicable
2-METHYLPHENOL	< 360 :V	< 360 :V	NC	Not Applicable
2-NITROANILINE	< 1700 :V	< 1800 :V	NC	Not Applicable
2-NITROPHENOL	< 360 :V	< 360 :V	NC	Not Applicable
3,3'-DICHLOROBENZIDINE	< 710 :V	< 730 :V	NC	Not Applicable
3-NITROANILINE	< 1700 :V	< 1800 :V	NC	Not Applicable
4,6-DINITRO-2-METHYLPHENOL	< 1700 :V	< 1800 :V	NC	Not Applicable
4-CHLORO-3-METHYLPHENOL	< 360 :V	< 360 :V	NC	Not Applicable
4-CHLOROANILINE	< 360 :V	< 360 :V	NC	Not Applicable
4-CHLOROPHENYL PHENYL ETHER	< 360 :V	< 360 :V	NC	Not Applicable
4-METHYLPHENOL	< 360 :V	< 360 :V	NC	Not Applicable
4-NITROANILINE	< 1700 :V	< 1800 :V	NC	Not Applicable
4-NITROPHENOL	< 1700 :V	< 1800 :V	NC	Not Applicable
ACENAPHTHENE	< 360 :V	< 360 :V	NC	Not Applicable
ACENAPHTHYLENE	< 360 :V	< 360 :V	NC	Not Applicable
ANTHRACENE	< 360 :V	< 360 :V	NC	Not Applicable
BENZO(a)ANTHRACENE	55 J:A	38 J:A	37%	Yes
BENZO(a)PYRENE	71 J:A	44 J:A	47%	Yes
BENZO(b)FLUORANTHENE	100 J:A	59 J:A	52%	Yes
BENZO(ghi)PERYLENE	< 360 :V	< 360 :V	NC	Not Applicable
BENZO(k)FLUORANTHENE	39 J:A	< 360 :V	NC	Not Applicable
BENZOIC ACID	< 1700 :V	< 1800 :V	NC	Not Applicable
BENZYL ALCOHOL	< 360 :R	< 360 :V	NC	Not Applicable
BIS(2-CHLOROETHOXY)METHANE	< 360 :V	< 360 :V	NC	Not Applicable
BIS(2-CHLOROETHYL)ETHER	< 360 :V	< 360 :V	NC	Not Applicable
BIS(2-CHLOROISOPROPYL)ETHER	< 360 :V	< 360 :V	NC	Not Applicable
BIS(2-ETHYLHEXYL)PHTHALATE	80 J:A	93 J:A	15%	Yes
BUTYL BENZYL PHTHALATE	100 J:A	88 J:A	13%	Yes
CHRYSENE	67 J:A	47 J:A	35%	Yes
DI-n-BUTYL PHTHALATE	< 360 :V	< 360 :V	NC	Not Applicable
DI-n-OCTYL PHTHALATE	58 J:A	< 360 :V	NC	Not Applicable
DIBENZO(a,h)ANTHRACENE	< 360 :V	< 360 :V	NC	Not Applicable
DIBENZOFURAN	< 360 :V	< 360 :V	NC	Not Applicable
DIETHYL PHTHALATE	< 360 :V	< 360 :V	NC	Not Applicable
DIMETHYL PHTHALATE	< 360 :V	< 360 :V	NC	Not Applicable
FLUORANTHENE	130 J:A	81 J:A	46%	Yes
FLUORENE	< 360 :V	< 360 :V	NC	Not Applicable
HEXACHLOROBENZENE	< 360 :V	< 360 :V	NC	Not Applicable
HEXACHLOROBUTADIENE	< 360 :V	< 360 :V	NC	Not Applicable
HEXACHLOROCYCLOPENTADIENE	< 360 :V	< 360 :V	NC	Not Applicable
HEXACHLOROETHANE	< 360 :V	< 360 :V	NC	Not Applicable
INDENO(1,2,3-cd)PYRENE	< 360 :V	< 360 :V	NC	Not Applicable
ISOPHORONE	< 360 :V	< 360 :V	NC	Not Applicable
N-NITROSO-DI-n-PROPYLAMINE	< 360 :V	< 360 :V	NC	Not Applicable

TABLE E-54
Field Duplicate Results
Relative Percent Differences
OU8 Surface Soil Samples IHSS 123.1
Rocky Flats Environmental Technology Site

Sample Location: **Sample Identification Number:** **Date Sampled:**	**SS800793** **SSG0007JE** **1-Dec-94**	**SS800793** **SSG0145JE** **1-Dec-94**	**RPD**	**Data Acceptable For Intended Use?**
N-NITROSODIPHENYLAMINE	< 360 :V	< 360 :V	NC	Not Applicable
NAPHTHALENE	< 360 :V	< 360 :V	NC	Not Applicable
NITROBENZENE	< 360 :V	< 360 :V	NC	Not Applicable
PENTACHLOROPHENOL	< 1700 :V	< 1800 :V	NC	Not Applicable
PHENANTHRENE	85 J:A	47 J:A	58%	Yes
PHENOL	< 360 :V	< 360 :V	NC	Not Applicable
PYRENE	120 J:A	74 J:A	47%	Yes
p-BROMODIPHENYL ETHER	< 360 :V	< 360 :V	NC	Not Applicable
Test Group:E_TPH8015A Units: mg/kg				Yes
DIESEL FUEL	< 27 :Y	< 27 :Y	NC	Not Applicable
Test Group:METADD Units: mg/kg				Yes
CESIUM	< 6.1 :J	< 8.5 :J	NC	Not Applicable
LITHIUM	5.2 B:V	5.5 B:V	6%	Yes
MOLYBDENUM	< .95 :J	< 1.1 :J	NC	Not Applicable
STRONTIUM	23.4 B:V	21.2 B:V	10%	Yes
TIN	< 2 :V	< 2.1 :V	NC	Not Applicable
Test Group:SMETCLP Units: mg/kg				
ALUMINUM	4560 :V	4770 :V	5%	Yes
ANTIMONY	< 2.3 :J	< 2.4 :J	NC	Not Applicable
ARSENIC	2.2 :J	2.7 :V	20%	Yes
BARIUM	97.4 :V	92.7 :V	5%	Yes
BERYLLIUM	.32 B:V	.31 B:V	3%	Yes
CADMIUM	< .29 :V	< .3 :V	NC	Not Applicable
CALCIUM	11400 :V	9320 :V	20%	Yes
CHROMIUM	9.7 :V	13.8 :V	35%	Yes
COBALT	4 B:V	5 B:V	22%	Yes
COPPER	12.8 :V	12.7 :V	1%	Yes
IRON	7030 :V	8110 :V	14%	Yes
LEAD	9 :V	9.8 :V	9%	Yes
MAGNESIUM	2030 :V	1890 :V	7%	Yes
MANGANESE	141 :V	170 :V	19%	Yes
MERCURY	< .055 :V	< .052 :V	NC	Not Applicable
NICKEL	7.7 B:V	7.5 B:V	3%	Yes
POTASSIUM	1200 :V	1260 :V	5%	Yes
SELENIUM	< .51 :J	< .53 :J	NC	Not Applicable
SILVER	< .49 :V	< .61 :J	NC	Not Applicable
SODIUM	< 55.4 :J	< 58.9 :J	NC	Not Applicable
THALLIUM	< .35 :V	< .36 :V	NC	Not Applicable
VANADIUM	17.3 :V	19.9 :V	14%	Yes
ZINC	72 :V	75.5 :V	5%	Yes
Test Group:TRADS Units:pCi/g				
AMERICIUM-241	.014(.013) U:Y	.014(.011) U:Y	0%	Yes
GROSS ALPHA	20(3.5) :Y	22(3.6) :Y	10%	Yes
GROSS BETA	31(3.7) :Y	33(3.8) :Y	6%	Yes
PLUTONIUM-239/240	.038(.011) :Y	.047(.009) :Y	21%	Yes
URANIUM-233,-234	.85(.14) :Y	.92(.15) :Y	8%	Yes
URANIUM-235	.022(.033) U:Y	.033(.039) U:Y	40%	Yes
URANIUM-238	1(.15) :Y	.72(.14) :Y	33%	Yes
Test Group:V_TPH8015A Units:µg/kg				Yes
GASOLINE	< 540 :Y	< 550 :Y	NC	Not Applicable
Test Group:WQPL Units:µg/g				
FLUORIDE	2.33 :V	2.97 :V	24%	Yes
NITRATE/NITRITE	32.4 :J	24.7 :J	27%	Yes
pH **Units: pH**	8.04 :V	8.13 :V	1%	Yes

TABLE E-55
Field Duplicate Results
Relative Percent Differences
OU8 Surface Soil Samples IHSS 137
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS802093 SSG0020JE 27-Oct-94	SS802093 SSG0120JE 27-Oct-94	RPD	Data Acceptable For Intended Use?
Test Group:BNACLP Units: µg/kg				
1,2,4-TRICHLOROBENZENE	< 370 :V	< 370 :V	NC	Not Applicable
1,2-DICHLOROBENZENE	< 370 :V	< 370 :V	NC	Not Applicable
1,3-DICHLOROBENZENE	< 370 :V	< 370 :V	NC	Not Applicable
1,4-DICHLOROBENZENE	< 370 :V	< 370 :V	NC	Not Applicable
2,4,5-TRICHLOROPHENOL	< 1800 :V	< 1800 :V	NC	Not Applicable
2,4,6-TRICHLOROPHENOL	< 370 :V	< 370 :V	NC	Not Applicable
2,4-DICHLOROPHENOL	< 370 :V	< 370 :V	NC	Not Applicable
2,4-DIMETHYLPHENOL	< 370 :V	< 370 :V	NC	Not Applicable
2,4-DINITROPHENOL	< 1800 :V	< 1800 :V	NC	Not Applicable
2,4-DINITROTOLUENE	< 370 :V	< 370 :V	NC	Not Applicable
2,6-DINITROTOLUENE	< 370 :V	< 370 :V	NC	Not Applicable
2-CHLORONAPHTHALENE	< 370 :V	< 370 :V	NC	Not Applicable
2-CHLOROPHENOL	< 370 :V	< 370 :V	NC	Not Applicable
2-METHYLNAPHTHALENE	140 J:A	170 J:A	19%	Yes
2-METHYLPHENOL	< 370 :V	< 370 :V	NC	Not Applicable
2-NITROANILINE	< 1800 :V	< 1800 :V	NC	Not Applicable
2-NITROPHENOL	< 370 :V	< 370 :V	NC	Not Applicable
3,3'-DICHLOROBENZIDINE	< 730 :V	< 740 :V	NC	Not Applicable
3-NITROANILINE	< 1800 :R	< 1800 :R	NC	Not Applicable
4,6-DINITRO-2-METHYLPHENOL	< 1800 :V	< 1800 :V	NC	Not Applicable
4-CHLORO-3-METHYLPHENOL	< 370 :V	< 370 :V	NC	Not Applicable
4-CHLOROANILINE	< 370 :V	< 370 :V	NC	Not Applicable
4-CHLOROPHENYL PHENYL ETHER	< 370 :V	< 370 :V	NC	Not Applicable
4-METHYLPHENOL	< 370 :V	< 370 :V	NC	Not Applicable
4-NITROANILINE	< 1800 :V	< 1800 :V	NC	Not Applicable
4-NITROPHENOL	< 1800 :V	< 1800 :V	NC	Not Applicable
ACENAPHTHENE	810 :V	1000 :V	21%	Yes
ACENAPHTHYLENE	< 370 :V	53 J:A	NC	Not Applicable
ANTHRACENE	930 :V	1100 :V	17%	Yes
BENZO(a)ANTHRACENE	1700 :V	1900 :V	11%	Yes
BENZO(a)PYRENE	1500 :V	1500 :V	0%	Yes
BENZO(b)FLUORANTHENE	2100 :V	2500 :V	17%	Yes
BENZO(ghi)PERYLENE	600 :V	320 J:A	61%	Yes
BENZO(k)FLUORANTHENE	660 :J	630 :J	5%	Yes
BENZOIC ACID	< 1800 :V	< 1800 :V	NC	Not Applicable
BENZYL ALCOHOL	< 370 :V	< 370 :V	NC	Not Applicable
BIS(2-CHLOROETHOXY)METHANE	< 370 :V	< 370 :V	NC	Not Applicable
BIS(2-CHLOROETHYL)ETHER	< 370 :V	< 370 :V	NC	Not Applicable
BIS(2-CHLOROISOPROPYL)ETHER	< 370 :V	< 370 :V	NC	Not Applicable
BIS(2-ETHYLHEXYL)PHTHALATE	280 J:A	200 J:A	33%	Yes
BUTYL BENZYL PHTHALATE	< 370 :J	< 370 :J	NC	Not Applicable
CHRYSENE	1800 :V	2000 :V	11%	Yes
DI-n-BUTYL PHTHALATE	< 370 :V	42 J:A	NC	Not Applicable
DI-n-OCTYL PHTHALATE	< 370 :V	< 370 :V	NC	Not Applicable
DIBENZO(a,h)ANTHRACENE	360 J:A	360 J:A	0%	Yes
DIBENZOFURAN	300 J:A	360 J:A	18%	Yes
DIETHYL PHTHALATE	< 370 :V	< 370 :V	NC	Not Applicable
DIMETHYL PHTHALATE	< 370 :V	< 370 :V	NC	Not Applicable
FLUORANTHENE	6000 D:V	5800 D:V	NC	Not Applicable
FLUORENE	680 :V	810 :V	17%	Yes
HEXACHLOROBENZENE	< 370 :V	< 370 :V	NC	Not Applicable
HEXACHLOROBUTADIENE	< 370 :V	< 370 :V	NC	Not Applicable
HEXACHLOROCYCLOPENTADIENE	< 370 :V	< 370 :V	NC	Not Applicable
HEXACHLOROETHANE	< 370 :V	< 370 :V	NC	Not Applicable
INDENO(1,2,3-cd)PYRENE	1100 :V	1100 :V	0%	Yes
ISOPHORONE	< 370 :V	< 370 :V	NC	Not Applicable
N-NITROSO-DI-n-PROPYLAMINE	< 370 :V	< 370 :V	NC	Not Applicable

TABLE E-55
Field Duplicate Results
Relative Percent Differences
OU8 Surface Soil Samples IHSS 137
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS802093 SSG0020JE 27-Oct-94	SS802093 SSG0120JE 27-Oct-94	RPD	Data Acceptable For Intended Use?
N-NITROSODIPHENYLAMINE	< 370 :V	< 370 :V	NC	Not Applicable
NAPHTHALENE	310 J:A	380 :V	20%	Yes
NITROBENZENE	< 370 :V	< 370 :V	NC	Not Applicable
PENTACHLOROPHENOL	< 1800 :V	< 1800 :V	NC	Not Applicable
PHENANTHRENE	5100 D:V	5000 D:V	NC	Not Applicable
PHENOL	< 370 :V	< 370 :V	NC	Not Applicable
PYRENE	4400 D:V	4200 D:V	NC	Not Applicable
p-BROMODIPHENYL ETHER	< 370 :V	< 370 :V	NC	Not Applicable
Test Group:METADD Units: mg/kg				Yes
CESIUM	< 6.6 :J	< 8.5 :J	NC	Not Applicable
LITHIUM	9.6 B:V	8.7 B:V	10%	Yes
MOLYBDENUM	7.8 B:J	10.1 B:J	26%	Yes
STRONTIUM	99.5 :J	98.3 :J	1%	Yes
TIN	< 2.2 :J	< 5.8 :J	NC	Not Applicable
Test Group:SMETCLP Units: mg/kg				
ALUMINUM	19600 :V	17700 :V	10%	Yes
ANTIMONY	3.1 B:J	2.8 B:J	10%	Yes
ARSENIC	14.2 :V	15.4 :V	8%	Yes
BARIUM	166 :V	168 :V	1%	Yes
BERYLLIUM	.64 B:V	.59 B:V	8%	Yes
CADMIUM	3.8 :V	3.9 :V	3%	Yes
CALCIUM	12900 :V	12400 :V	4%	Yes
CHROMIUM	50.4 :V	54 :V	7%	Yes
COBALT	7 B:V	7.2 B:V	3%	Yes
COPPER	1860 :V	550 :V	109%	Yes
IRON	39600 :V	47000 :V	17%	Yes
LEAD	98 :V	103 :V	5%	Yes
MAGNESIUM	2590 :V	2480 :V	4%	Yes
MANGANESE	309 :V	312 :V	1%	Yes
MERCURY	.27 :V	.15 :V	57%	Yes
NICKEL	16.8 :V	20 :V	17%	Yes
POTASSIUM	2300 :V	2150 :V	7%	Yes
SELENIUM	< .55 :J	< .53 :J	NC	Not Applicable
SILVER	4.1 :J	5.1 :J	22%	Yes
SODIUM	208 B:J	205 B:J	1%	Yes
THALLIUM	< .37 :J	< .36 :R	NC	Not Applicable
VANADIUM	26.6 :V	24 :V	10%	Yes
ZINC	1010 :V	1170 :V	15%	Yes
Test Group:TRADS Units: pCi/g				
AMERICIUM-241	.22(.044) :V	.24(.046) :V	9%	Yes
GROSS ALPHA	26(4) :A	23(3.7) :A	12%	Yes
GROSS BETA	27(3.6) :A	24(3.3) :A	12%	Yes
PLUTONIUM-239/240	.64(.058) B:V	.63(.057) B:V	2%	Yes
URANIUM-233,-234	5(.58) B:V	2.9(.48) B:V	53%	Yes
URANIUM-235	.42(.14) :V	.11(.086) J:V	117%	Yes
URANIUM-238	4.6(.55) B:V	2.6(.44) B:V	56%	Yes
Test Group:WQPL Units: pH				
pH	7.33 :V	7.33 :V	0%	Yes

TABLE E-56
Field Duplicate Results
Relative Percent Differences
OU8 Surface Soil Samples IHSS 138
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS802693 SSG0026JE 31-Oct-94	SS802693 SSG0122JE 31-Oct-94	RPD	Data Acceptable For Intended Use?
Test Group:BNACLP Units:µg/kg				
1,2,4-TRICHLOROBENZENE	< 350 :V	< 340 :V	NC	Not Applicable
1,2-DICHLOROBENZENE	< 350 :V	< 340 :V	NC	Not Applicable
1,3-DICHLOROBENZENE	< 350 :V	< 340 :V	NC	Not Applicable
1,4-DICHLOROBENZENE	< 350 :V	< 340 :V	NC	Not Applicable
2,4,5-TRICHLOROPHENOL	< 1700 :V	< 1700 :V	NC	Not Applicable
2,4,6-TRICHLOROPHENOL	< 350 :V	< 340 :V	NC	Not Applicable
2,4-DICHLOROPHENOL	< 350 :V	< 340 :V	NC	Not Applicable
2,4-DIMETHYLPHENOL	< 350 :V	< 340 :V	NC	Not Applicable
2,4-DINITROPHENOL	< 1700 :V	< 1700 :V	NC	Not Applicable
2,4-DINITROTOLUENE	< 350 :V	< 340 :V	NC	Not Applicable
2,6-DINITROTOLUENE	< 350 :V	< 340 :V	NC	Not Applicable
2-CHLORONAPHTHALENE	< 350 :V	< 340 :V	NC	Not Applicable
2-CHLOROPHENOL	< 350 :V	< 340 :V	NC	Not Applicable
2-METHYLNAPHTHALENE	< 350 :V	< 340 :V	NC	Not Applicable
2-METHYLPHENOL	< 350 :V	< 340 :V	NC	Not Applicable
2-NITROANILINE	< 1700 :V	< 1700 :V	NC	Not Applicable
2-NITROPHENOL	< 350 :V	< 340 :V	NC	Not Applicable
3,3'-DICHLOROBENZIDINE	< 690 :V	< 690 :V	NC	Not Applicable
3-NITROANILINE	< 1700 :V	< 1700 :V	NC	Not Applicable
4,6-DINITRO-2-METHYLPHENOL	< 1700 :V	< 1700 :V	NC	Not Applicable
4-CHLORO-3-METHYLPHENOL	< 350 :V	< 340 :V	NC	Not Applicable
4-CHLOROANILINE	< 350 :V	< 340 :V	NC	Not Applicable
4-CHLOROPHENYL PHENYL ETHER	< 350 :V	< 340 :V	NC	Not Applicable
4-METHYLPHENOL	< 350 :V	< 340 :V	NC	Not Applicable
4-NITROANILINE	< 1700 :V	< 1700 :V	NC	Not Applicable
4-NITROPHENOL	< 1700 :V	< 1700 :V	NC	Not Applicable
ACENAPHTHENE	38 J:A	43 J:A	12%	Yes
ACENAPHTHYLENE	< 350 :V	< 340 :V	NC	Not Applicable
ANTHRACENE	< 350 :V	42 J:A	NC	Not Applicable
BENZO(a)ANTHRACENE	150 J:A	180 J:A	18%	Yes
BENZO(a)PYRENE	210 J:A	250 J:A	17%	Yes
BENZO(b)FLUORANTHENE	300 J:A	340 J:A	13%	Yes
BENZO(ghi)PERYLENE	99 J:A	110 J:A	11%	Yes
BENZO(k)FLUORANTHENE	110 J:A	130 J:A	17%	Yes
BENZOIC ACID	< 1700 :V	230 J:A	NC	Not Applicable
BENZYL ALCOHOL	< 350 :V	< 340 :V	NC	Not Applicable
BIS(2-CHLOROETHOXY)METHANE	< 350 :V	< 340 :V	NC	Not Applicable
BIS(2-CHLOROETHYL)ETHER	< 350 :V	< 340 :V	NC	Not Applicable
BIS(2-CHLOROISOPROPYL)ETHER	< 350 :V	< 340 :V	NC	Not Applicable
BIS(2-ETHYLHEXYL)PHTHALATE	< 350 :J	< 340 :J	NC	Not Applicable
BUTYL BENZYL PHTHALATE	120 J:A	2600 :V	182%	Yes
CHRYSENE	230 J:A	260 J:A	12%	Yes
DI-n-BUTYL PHTHALATE	37 J:A	56 J:A	41%	Yes
DI-n-OCTYL PHTHALATE	< 350 :V	< 340 :V	NC	Not Applicable
DIBENZO(a,h)ANTHRACENE	< 350 :V	< 340 :V	NC	Not Applicable
DIBENZOFURAN	< 350 :V	< 340 :V	NC	Not Applicable
DIETHYL PHTHALATE	< 350 :V	< 340 :V	NC	Not Applicable
DIMETHYL PHTHALATE	< 350 :V	< 340 :V	NC	Not Applicable
FLUORANTHENE	440 :V	500 :V	13%	Yes
FLUORENE	< 350 :V	< 340 :V	NC	Not Applicable
HEXACHLOROBENZENE	< 350 :V	< 340 :V	NC	Not Applicable
HEXACHLOROBUTADIENE	< 350 :V	< 340 :V	NC	Not Applicable
HEXACHLOROCYCLOPENTADIENE	< 350 :V	< 340 :V	NC	Not Applicable
HEXACHLOROETHANE	< 350 :V	< 340 :V	NC	Not Applicable
INDENO(1,2,3-cd)PYRENE	91 J:A	110 J:A	19%	Yes
ISOPHORONE	< 350 :V	< 340 :V	NC	Not Applicable
N-NITROSO-DI-n-PROPYLAMINE	< 350 :V	< 340 :V	NC	Not Applicable
N-NITROSODIPHENYLAMINE	< 350 :V	< 340 :V	NC	Not Applicable

TABLE E-56
Field Duplicate Results
Relative Percent Differences
OU8 Surface Soil Samples IHSS 138
Rocky Flats Environmental Technology Site

Sample Location: **Sample Identification Number:** **Date Sampled:**	**SS802693** **SSG0026JE** **31-Oct-94**	**SS802693** **SSG0122JE** **31-Oct-94**	**RPD**	**Data Acceptable For Intended Use?**
NAPHTHALENE	< 350 :V	< 340 :V	NC	Not Applicable
NITROBENZENE	< 350 :V	< 340 :V	NC	Not Applicable
PENTACHLOROPHENOL	42 J:A	< 1700 :V	NC	Not Applicable
PHENANTHRENE	290 J:A	320 J:A	10%	Yes
PHENOL	< 350 :V	< 340 :V	NC	Not Applicable
PYRENE	370 :V	430 :V	15%	Yes
p-BROMODIPHENYL ETHER	< 350 :V	< 340 :V	NC	Not Applicable
Test Group:METADD Units:mg/kg				Yes
CESIUM	< 6.2 :J	< 3.9 :J	NC	Not Applicable
LITHIUM	7.8 B:V	6.5 B:V	18%	Yes
MOLYBDENUM	< 1 :J	< .89 :J	NC	Not Applicable
STRONTIUM	22.6 B:V	20.2 B:V	11%	Yes
TIN	< 2 :V	< 1.9 :V	NC	Not Applicable
Test Group:SMETCLP Units:mg/kg				
ALUMINUM	7440 :V	6320 :V	16%	Yes
ANTIMONY	< 2.3 :J	3.2 B:J	NC	Not Applicable
ARSENIC	2.9 :V	2.9 :V	0%	Yes
BARIUM	85.6 :V	68.4 :V	22%	Yes
BERYLLIUM	.94 B:V	.84 B:V	11%	Yes
CADMIUM	3.5 :V	3.1 :V	12%	Yes
CALCIUM	9880 :V	7640 :V	26%	Yes
CHROMIUM	13.4 :V	11.1 :V	19%	Yes
COBALT	7.6 B:V	5.6 B:V	30%	Yes
COPPER	25 :V	21.6 :V	15%	Yes
IRON	16600 :V	12200 :V	31%	Yes
LEAD	25.7 I:J	16.4 I:J	NC	Not Applicable
MAGNESIUM	4430 :V	2750 :V	47%	Yes
MANGANESE	343 :V	263 :V	26%	Yes
MERCURY	.06 B:V	.06 B:V	0%	Yes
NICKEL	8.9 :V	8.2 :V	8%	Yes
POTASSIUM	2340 :V	1710 :V	31%	Yes
SELENIUM	< .52 :V	< .49 :V	NC	Not Applicable
SILVER	.84 B:V	1.1 B:V	27%	Yes
SODIUM	137 B:V	115 B:V	17%	Yes
THALLIUM	< .35 :V	< .33 :V	NC	Not Applicable
VANADIUM	30.7 :V	22.5 :V	31%	Yes
ZINC	501 :V	425 :V	16%	Yes
Test Group:TRADS Units:pCi/g				
AMERICIUM-241	6.3(.73) :V	6.4(.64) :V	2%	Yes
GROSS ALPHA	19(3.4) :A	30(4) :A	45%	Yes
GROSS BETA	30(3.5) :A	24(3.5) :A	22%	Yes
PLUTONIUM-239/240	5.2(.14) B:V	5.6(.19) :V	7%	Yes
URANIUM-233,-234	.87(.19) :V	.95(.18) :V	9%	Yes
URANIUM-235	.029(.039) U:V	.018(.037) U:V	47%	Yes
URANIUM-238	.93(.19) :V	.83(.16) :V	11%	Yes

TABLE E-57
Field Duplicate Results
Relative Percent Differences
OU8 Surface Soil Samples IHSS 139.1(N)
Rocky Flats Environmental Technology Site

Sample Location:	**SS803193**	**SS803193**	**RPD**	**Data Acceptable**
Sample Identification Number:	**SSG0031JE**	**SSG0143JE**		**For Intended Use?**
Date Sampled:	**30-Nov-94**	**30-Nov-94**		
Test Group:METADD Units: mg/kg				
CESIUM	< 4.2 :J	< 4.2 :J	NC	Not Applicable
LITHIUM	6 B:V	5.6 B:V	7%	Yes
MOLYBDENUM	< .76 :J	< .51 :V	NC	Not Applicable
STRONTIUM	10.6 B:V	8.4 B:V	23%	Yes
TIN	< 2.1 :V	< 2.1 :V	NC	Not Applicable
Test Group:SMETCLP Units: mg/kg				
ALUMINUM	3380 :V	3030 :V	11%	Yes
ANTIMONY	< 2.3 :J	< 2.4 :J	NC	Not Applicable
ARSENIC	1.6 B:J	1.1 B:J	37%	Yes
BARIUM	41.2 B:V	33.7 B:V	20%	Yes
BERYLLIUM	.15 B:V	.12 B:V	22%	Yes
CADMIUM	< .29 :V	< .3 :V	NC	Not Applicable
CALCIUM	1510 :V	1550 :V	3%	Yes
CHROMIUM	14.9 :V	9.7 :V	42%	Yes
COBALT	9.6 B:V	7.3 B:V	27%	Yes
COPPER	15.5 :V	12.7 :V	20%	Yes
IRON	6960 :V	6470 :V	7%	Yes
LEAD	6.4 :V	4.1 :V	44%	Yes
MAGNESIUM	1830 :V	2040 :V	11%	Yes
MANGANESE	89.5 :V	86.7 :V	3%	Yes
MERCURY	< .052 :V	< .052 :V	NC	Not Applicable
NICKEL	9.1 :V	7.1 B:V	25%	Yes
POTASSIUM	1740 :V	1480 :V	16%	Yes
SELENIUM	< .52 :J	< .53 :J	NC	Not Applicable
SILVER	4.4 :V	< 1.7 :J	NC	Not Applicable
SODIUM	459 B:V	427 B:V	7%	Yes
THALLIUM	< .35 :V	< .36 :V	NC	Not Applicable
VANADIUM	25.3 :V	21.8 :V	15%	Yes
ZINC	23.7 :V	23.1 :V	3%	Yes
Test Group:TPH8015A Units: µg/kg				
GASOLINE	< 540 :Y	< 540 :Y	NC	Not Applicable
Test Group:WQPL Units: µg/g				
NITRATE/NITRITE	24.8 :J	31.1 :J	23%	Yes
pH **Units: pH**	9.31 :V	9.22 :V	1%	Yes

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TABLE E-58
Field Duplicate Results
Relative Percent Differences
OU8 Surface Soil Samples IHSS 139.2
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS804393 SSG0037JE 21-Nov-94	SS804393 SSG0140JE 21-Nov-94	RPD	Data Acceptable For Intended Use?
Test Group:BNACLP Units: µg/kg				
1,2,4-TRICHLOROBENZENE	< 7100 :V	< 7100 :V	NC	Not Applicable
1,2-DICHLOROBENZENE	< 7100 :V	< 7100 :V	NC	Not Applicable
1,3-DICHLOROBENZENE	< 7100 :V	< 7100 :V	NC	Not Applicable
1,4-DICHLOROBENZENE	< 7100 :V	< 7100 :V	NC	Not Applicable
2,4,5-TRICHLOROPHENOL	< 34000 :V	< 34000 :V	NC	Not Applicable
2,4,6-TRICHLOROPHENOL	< 7100 :V	< 7100 :V	NC	Not Applicable
2,4-DICHLOROPHENOL	< 7100 :V	< 7100 :V	NC	Not Applicable
2,4-DIMETHYLPHENOL	< 7100 :V	< 7100 :V	NC	Not Applicable
2,4-DINITROPHENOL	< 34000 :V	< 34000 :V	NC	Not Applicable
2,4-DINITROTOLUENE	< 7100 :V	< 7100 :V	NC	Not Applicable
2,6-DINITROTOLUENE	< 7100 :V	< 7100 :V	NC	Not Applicable
2-CHLORONAPHTHALENE	< 7100 :V	< 7100 :V	NC	Not Applicable
2-CHLOROPHENOL	< 7100 :V	< 7100 :V	NC	Not Applicable
2-METHYLNAPHTHALENE	2500 DJ:A	< 7100 :V	NC	Not Applicable
2-METHYLPHENOL	< 7100 :V	< 7100 :V	NC	Not Applicable
2-NITROANILINE	< 34000 :V	< 34000 :V	NC	Not Applicable
2-NITROPHENOL	< 7100 :V	< 7100 :V	NC	Not Applicable
3,3'-DICHLOROBENZIDINE	< 14000 :V	< 14000 :V	NC	Not Applicable
3-NITROANILINE	< 34000 :V	< 34000 :V	NC	Not Applicable
4,6-DINITRO-2-METHYLPHENOL	< 34000 :V	< 34000 :V	NC	Not Applicable
4-CHLORO-3-METHYLPHENOL	< 7100 :V	< 7100 :V	NC	Not Applicable
4-CHLOROANILINE	< 7100 :V	< 7100 :V	NC	Not Applicable
4-CHLOROPHENYL PHENYL ETHER	< 7100 :V	< 7100 :V	NC	Not Applicable
4-METHYLPHENOL	< 7100 :V	< 7100 :V	NC	Not Applicable
4-NITROANILINE	< 34000 :V	< 34000 :V	NC	Not Applicable
4-NITROPHENOL	< 34000 :V	< 34000 :V	NC	Not Applicable
ACENAPHTHENE	7100 D:V	2200 DJ:A	NC	Not Applicable
ACENAPHTHYLENE	< 7100 :V	< 7100 :V	NC	Not Applicable
ANTHRACENE	9000 D:V	2900 DJ:A	NC	Not Applicable
BENZO(a)ANTHRACENE	13000 D:V	6200 DJ:A	NC	Not Applicable
BENZO(a)PYRENE	13000 D:J	6900 DJ:A	NC	Not Applicable
BENZO(b)FLUORANTHENE	13000 D:J	7600 D:J	NC	Not Applicable
BENZO(ghi)PERYLENE	6200 DJ:A	4000 DJ:A	NC	Not Applicable
BENZO(k)FLUORANTHENE	9300 D:J	4400 DJ:A	NC	Not Applicable
BENZOIC ACID	< 34000 :V	< 34000 :V	NC	Not Applicable
BENZYL ALCOHOL	< 7100 :V	< 7100 :V	NC	Not Applicable
BIS(2-CHLOROETHOXY)METHANE	< 7100 :V	< 7100 :V	NC	Not Applicable
BIS(2-CHLOROETHYL)ETHER	< 7100 :V	< 7100 :V	NC	Not Applicable
BIS(2-CHLOROISOPROPYL)ETHER	< 7100 :V	< 7100 :V	NC	Not Applicable
BIS(2-ETHYLHEXYL)PHTHALATE	< 7100 :V	< 7100 :V	NC	Not Applicable
BUTYL BENZYL PHTHALATE	< 7100 :V	< 7100 :V	NC	Not Applicable
CHRYSENE	16000 D:V	8100 D:V	NC	Not Applicable
DI-n-BUTYL PHTHALATE	< 7100 :V	< 7100 :V	NC	Not Applicable
DI-n-OCTYL PHTHALATE	< 7100 :J	< 7100 :J	NC	Not Applicable
DIBENZO(a,h)ANTHRACENE	< 7100 :J	< 7100 :J	NC	Not Applicable
DIBENZOFURAN	3800 DJ:A	880 DJ:A	NC	Not Applicable
DIETHYL PHTHALATE	< 7100 :V	< 7100 :V	NC	Not Applicable
DIMETHYL PHTHALATE	< 7100 :V	< 7100 :V	NC	Not Applicable
FLUORANTHENE	34000 D:V	16000 D:V	NC	Not Applicable
FLUORENE	6700 DJ:A	1800 DJ:A	NC	Not Applicable
HEXACHLOROBENZENE	< 7100 :V	< 7100 :V	NC	Not Applicable
HEXACHLOROBUTADIENE	< 7100 :V	< 7100 :V	NC	Not Applicable
HEXACHLOROCYCLOPENTADIENE	< 7100 :V	< 7100 :V	NC	Not Applicable
HEXACHLOROETHANE	< 7100 :V	< 7100 :V	NC	Not Applicable
INDENO(1,2,3-cd)PYRENE	5400 DJ:A	3400 DJ:A	NC	Not Applicable
ISOPHORONE	< 7100 :V	< 7100 :V	NC	Not Applicable

TABLE E-58
Field Duplicate Results
Relative Percent Differences
OU8 Surface Soil Samples IHSS 139.2
Rocky Flats Environmental Technology Site

Sample Location: **Sample Identification Number:** **Date Sampled:**	**SS804393** **SSG0037JE** **21-Nov-94**	**SS804393** **SSG0140JE** **21-Nov-94**	**RPD**	**Data Acceptable For Intended Use?**
N-NITROSO-DI-n-PROPYLAMINE	< 7100 :V	< 7100 :V	NC	Not Applicable
N-NITROSODIPHENYLAMINE	< 7100 :V	< 7100 :V	NC	Not Applicable
NAPHTHALENE	7300 D:V	800 DJ:A	NC	Not Applicable
NITROBENZENE	< 7100 :V	< 7100 :V	NC	Not Applicable
PENTACHLOROPHENOL	< 34000 :V	< 34000 :V	NC	Not Applicable
PHENANTHRENE	36000 D:V	14000 D:V	NC	Not Applicable
PHENOL	< 7100 :V	< 7100 :V	NC	Not Applicable
PYRENE	34000 D:V	15000 D:V	NC	Not Applicable
p-BROMODIPHENYL ETHER	< 7100 :V	< 7100 :V	NC	Not Applicable
Test Group:METADD Units: mg/kg				
CESIUM	< 8.3 :J	< 5.9 :J	NC	Not Applicable
LITHIUM	8.2 B:V	8.7 B:V	6%	Yes
MOLYBDENUM	< .98 :J	< .48 :V	NC	Not Applicable
STRONTIUM	17.1 B:V	41.2 :V	83%	Yes
TIN	< 2 :V	< 2 :V	NC	Not Applicable
Test Group:SMETCLP Units: mg/kg				
ALUMINUM	8460 :V	13100 :V	43%	Yes
ANTIMONY	< 2.3 :J	< 2.2 :J	NC	Not Applicable
ARSENIC	3.7 :V	2.8 :V	28%	Yes
BARIUM	78.1 :V	74.6 :V	5%	Yes
BERYLLIUM	.5 B:V	.65 B:V	26%	Yes
CADMIUM	< .29 :V	< .28 :V	NC	Not Applicable
CALCIUM	3090 :V	4930 :V	46%	Yes
CHROMIUM	12 :V	10 :V	18%	Yes
COBALT	23.8 :V	4.4 B:V	138%	Yes
COPPER	58.2 :V	14.9 :V	118%	Yes
IRON	12400 :J	12500 :J	1%	Yes
LEAD	16 :V	10.5 :V	42%	Yes
MAGNESIUM	2000 :V	1960 :V	2%	Yes
MANGANESE	261 :J	141 :J	60%	Yes
MERCURY	< .049 :V	.41 :V	NC	Not Applicable
NICKEL	9.9 :V	9.3 :V	6%	Yes
POTASSIUM	1400 :V	10600 :V	153%	Yes
SELENIUM	< .52 :V	< .5 :V	NC	Not Applicable
SILVER	2.8 :V	1 B:V	95%	Yes
SODIUM	111 B:V	84.7 B:V	27%	Yes
THALLIUM	< .35 :V	< .34 :V	NC	Not Applicable
VANADIUM	22.7 :V	18.9 :V	18%	Yes
ZINC	45.1 :J	85.9 :J	62%	Yes
Test Group:TRADS Units: pCi/g				
AMERICIUM-241	.025(.01) :Y	.016(.011) U:Y	44%	Yes
GROSS ALPHA	18(3.5) :A	15(3) :A	18%	Yes
GROSS BETA	34(3.5) :A	31(3.5) :A	9%	Yes
PLUTONIUM-239/240	.061(.013) :Y	.042(.011) :Y	37%	Yes
URANIUM-233,-234	.62(.21) :Y	.68(.23) :Y	9%	Yes
URANIUM-235	.035(.035) U:Y	.022(.044) U:Y	46%	Yes
URANIUM-238	.64(.21) :Y	.64(.23) :Y	0%	Yes
Test Group:WQPL Units: µg/g				
NITRATE/NITRITE	30.6 :V	25.1 :V	20%	Yes
pH **Units: pH**	8.67 :J	8.76 :J	1%	Yes

TABLE E-59
Field Duplicate Results
Relative Percent Differences
OU8 Surface Soil Samples IHSS 144(S)
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS805593 SSG0049JE 10-Nov-94	SS805593 SSG0132JE 10-Nov-94	RPD	Data Acceptable For Intended Use?
Test Group:BNACLP Units: µg/kg				
1,2,4-TRICHLOROBENZENE	< 390 :V	< 390 :V	NC	Not Applicable
1,2-DICHLOROBENZENE	< 390 :V	< 390 :V	NC	Not Applicable
1,3-DICHLOROBENZENE	< 390 :V	< 390 :V	NC	Not Applicable
1,4-DICHLOROBENZENE	< 390 :V	< 390 :V	NC	Not Applicable
2,4,5-TRICHLOROPHENOL	< 1900 :V	< 1900 :V	NC	Not Applicable
2,4,6-TRICHLOROPHENOL	< 390 :V	< 390 :V	NC	Not Applicable
2,4-DICHLOROPHENOL	< 390 :V	< 390 :V	NC	Not Applicable
2,4-DIMETHYLPHENOL	< 390 :V	< 390 :V	NC	Not Applicable
2,4-DINITROPHENOL	< 1900 :V	< 1900 :V	NC	Not Applicable
2,4-DINITROTOLUENE	< 390 :V	< 390 :V	NC	Not Applicable
2,6-DINITROTOLUENE	< 390 :V	< 390 :V	NC	Not Applicable
2-CHLORONAPHTHALENE	< 390 :V	< 390 :V	NC	Not Applicable
2-CHLOROPHENOL	< 390 :V	< 390 :V	NC	Not Applicable
2-METHYLNAPHTHALENE	< 390 :V	< 390 :V	NC	Not Applicable
2-METHYLPHENOL	< 390 :V	< 390 :V	NC	Not Applicable
2-NITROANILINE	< 1900 :V	< 1900 :V	NC	Not Applicable
2-NITROPHENOL	< 390 :V	< 390 :V	NC	Not Applicable
3,3'-DICHLOROBENZIDINE	< 780 :V	< 780 :V	NC	Not Applicable
3-NITROANILINE	< 1900 :V	< 1900 :V	NC	Not Applicable
4,6-DINITRO-2-METHYLPHENOL	< 1900 :V	< 1900 :V	NC	Not Applicable
4-CHLORO-3-METHYLPHENOL	< 390 :V	< 390 :V	NC	Not Applicable
4-CHLOROANILINE	< 390 :V	< 390 :V	NC	Not Applicable
4-CHLOROPHENYL PHENYL ETHER	< 390 :V	< 390 :V	NC	Not Applicable
4-METHYLPHENOL	< 390 :V	< 390 :V	NC	Not Applicable
4-NITROANILINE	< 1900 :V	< 1900 :V	NC	Not Applicable
4-NITROPHENOL	< 1900 :V	< 1900 :V	NC	Not Applicable
ACENAPHTHENE	< 390 :V	< 390 :V	NC	Not Applicable
ACENAPHTHYLENE	< 390 :V	< 390 :V	NC	Not Applicable
ANTHRACENE	< 390 :V	< 390 :V	NC	Not Applicable
BENZO(a)ANTHRACENE	< 390 :V	< 390 :V	NC	Not Applicable
BENZO(a)PYRENE	< 390 :V	< 390 :V	NC	Not Applicable
BENZO(b)FLUORANTHENE	< 390 :V	< 390 :V	NC	Not Applicable
BENZO(ghi)PERYLENE	< 390 :V	< 390 :V	NC	Not Applicable
BENZO(k)FLUORANTHENE	< 390 :V	< 390 :V	NC	Not Applicable
BENZOIC ACID	< 1900 :V	< 1900 :V	NC	Not Applicable
BENZYL ALCOHOL	< 390 :V	< 390 :V	NC	Not Applicable
BIS(2-CHLOROETHOXY)METHANE	< 390 :V	< 390 :V	NC	Not Applicable
BIS(2-CHLOROETHYL)ETHER	< 390 :V	< 390 :V	NC	Not Applicable
BIS(2-CHLOROISOPROPYL)ETHER	< 390 :V	< 390 :V	NC	Not Applicable
BIS(2-ETHYLHEXYL)PHTHALATE	< 390 :V	< 390 :V	NC	Not Applicable
BUTYL BENZYL PHTHALATE	< 420 :J	< 390 :J	NC	Not Applicable
CHRYSENE	< 390 :V	< 390 :V	NC	Not Applicable
DI-n-BUTYL PHTHALATE	< 390 :V	< 390 :V	NC	Not Applicable
DI-n-OCTYL PHTHALATE	< 390 :V	< 390 :V	NC	Not Applicable
DIBENZO(a,h)ANTHRACENE	< 390 :V	< 390 :V	NC	Not Applicable
DIBENZOFURAN	< 390 :V	< 390 :V	NC	Not Applicable
DIETHYL PHTHALATE	< 390 :V	< 390 :V	NC	Not Applicable
DIMETHYL PHTHALATE	< 390 :V	< 390 :V	NC	Not Applicable
FLUORANTHENE	45 J:A	61 J:A	30%	Yes
FLUORENE	< 390 :V	< 390 :V	NC	Not Applicable
HEXACHLOROBENZENE	< 390 :V	< 390 :V	NC	Not Applicable
HEXACHLOROBUTADIENE	< 390 :V	< 390 :V	NC	Not Applicable
HEXACHLOROCYCLOPENTADIENE	< 390 :V	< 390 :V	NC	Not Applicable
HEXACHLOROETHANE	< 390 :V	< 390 :V	NC	Not Applicable
INDENO(1,2,3-cd)PYRENE	< 390 :V	< 390 :V	NC	Not Applicable
ISOPHORONE	< 390 :V	< 390 :V	NC	Not Applicable

TABLE E-59
Field Duplicate Results
Relative Percent Differences
OU8 Surface Soil Samples IHSS 144(S)
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS805593 SSG0049JE 10-Nov-94	SS805593 SSG0132JE 10-Nov-94	RPD	Data Acceptable For Intended Use?
N-NITROSO-DI-n-PROPYLAMINE	< 390 :V	< 390 :V	NC	Not Applicable
N-NITROSODIPHENYLAMINE	< 390 :V	< 390 :V	NC	Not Applicable
NAPHTHALENE	< 390 :V	< 390 :V	NC	Not Applicable
NITROBENZENE	< 390 :V	< 390 :V	NC	Not Applicable
PENTACHLOROPHENOL	< 1900 :V	< 1900 :V	NC	Not Applicable
PHENANTHRENE	< 390 :V	43 J:A	NC	Not Applicable
PHENOL	< 390 :V	< 390 :V	NC	Not Applicable
PYRENE	42 J:A	56 J:A	29%	Yes
p-BROMODIPHENYL ETHER	< 390 :V	< 390 :V	NC	Not Applicable
Test Group:METADD Units: mg/kg				
CESIUM	< 11.2 :J	< 7 :J	NC	Not Applicable
LITHIUM	2.7 B:V	2.3 B:V	16%	Yes
MOLYBDENUM	< .59 :J	< .56 :V	NC	Not Applicable
STRONTIUM	11.4 B:V	14 B:V	20%	Yes
TIN	< 2.2 :V	< 2.3 :V	NC	Not Applicable
Test Group:SMETCLP Units: mg/kg				
ALUMINUM	2320 :V	2410 :V	4%	Yes
ANTIMONY	< 2.5 :J	< 2.6 :J	NC	Not Applicable
ARSENIC	4 :V	4.5 :V	12%	Yes
BARIUM	39.5 B:V	38.4 B:V	3%	Yes
BERYLLIUM	< .15 :J	< .19 :J	NC	Not Applicable
CADMIUM	< .31 :V	.82 B:V	NC	Not Applicable
CALCIUM	1190 I:J	2230 I:J	NC	Not Applicable
CHROMIUM	4.8 :V	4.3 :V	11%	Yes
COBALT	3.7 B:V	3.2 B:V	14%	Yes
COPPER	12.8 :J	13.7 :J	7%	Yes
IRON	4170 :V	4280 :V	3%	Yes
LEAD	4.5 :V	8.1 :V	57%	Yes
MAGNESIUM	845 B:V	783 B:V	8%	Yes
MANGANESE	68.7 :V	78.2 :V	13%	Yes
MERCURY	< .05 :V	< .05 :V	NC	Not Applicable
NICKEL	3.1 B:V	3.8 B:V	20%	Yes
POTASSIUM	631 B:V	633 B:V	0%	Yes
SELENIUM	< .56 :V	< .58 :V	NC	Not Applicable
SILVER	< .54 :V	< .56 :V	NC	Not Applicable
SODIUM	< 36.7 :J	78 B:V	NC	Not Applicable
THALLIUM	< .38 :V	< .39 :V	NC	Not Applicable
VANADIUM	9.4 B:V	10.5 B:V	11%	Yes
ZINC	17.3 :V	179 :V	165%	Yes
Test Group:TRADS Units: pCi/g				
AMERICIUM-241	.021(.014) :V	.006(.012) U:V	111%	Yes
GROSS ALPHA	6.8(2.3) :A	13(2.7) :A	63%	Yes
GROSS BETA	22(3.2) :A	26(3.4) :A	17%	Yes
PLUTONIUM-239/240	.098(.02) :V	.013(.007) J:V	153%	Yes
URANIUM-233,-234	.61(.15) :V	.69(.2) :V	12%	Yes
URANIUM-235	.019(.019) U:V	.066(.066) U:V	111%	Yes
URANIUM-238	.59(.15) :V	.68(.2) :V	14%	Yes

TABLE E-60
Field Duplicate Results
Relative Percent Differences
OU8 Surface Soil Samples IHSS 150.1
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS806793 SSG0061JE 15-Nov-94	SS806793 SSG0134JE 15-Nov-94	RPD	Data Acceptable For Intended Use?
Test Group:BNACLP Units: µg/kg				
1,2,4-TRICHLOROBENZENE	< 350 :V	< 360 :V	NC	Not Applicable
1,2-DICHLOROBENZENE	< 350 :V	< 360 :V	NC	Not Applicable
1,3-DICHLOROBENZENE	< 350 :V	< 360 :V	NC	Not Applicable
1,4-DICHLOROBENZENE	< 350 :V	< 360 :V	NC	Not Applicable
2,4,5-TRICHLOROPHENOL	< 1700 :V	< 1700 :V	NC	Not Applicable
2,4,6-TRICHLOROPHENOL	< 350 :V	< 360 :V	NC	Not Applicable
2,4-DICHLOROPHENOL	< 350 :V	< 360 :V	NC	Not Applicable
2,4-DIMETHYLPHENOL	< 350 :V	< 360 :V	NC	Not Applicable
2,4-DINITROPHENOL	< 1700 :V	< 1700 :V	NC	Not Applicable
2,4-DINITROTOLUENE	< 350 :V	< 360 :V	NC	Not Applicable
2,6-DINITROTOLUENE	< 350 :V	< 360 :V	NC	Not Applicable
2-CHLORONAPHTHALENE	< 350 :V	< 360 :V	NC	Not Applicable
2-CHLOROPHENOL	< 350 :V	< 360 :V	NC	Not Applicable
2-METHYLNAPHTHALENE	< 350 :V	< 360 :V	NC	Not Applicable
2-METHYLPHENOL	< 350 :V	< 360 :V	NC	Not Applicable
2-NITROANILINE	< 1700 :V	< 1700 :V	NC	Not Applicable
2-NITROPHENOL	< 350 :V	< 360 :V	NC	Not Applicable
3,3'-DICHLOROBENZIDINE	< 710 :V	< 720 :V	NC	Not Applicable
3-NITROANILINE	< 1700 :V	< 1700 :V	NC	Not Applicable
4,6-DINITRO-2-METHYLPHENOL	< 1700 :V	< 1700 :V	NC	Not Applicable
4-CHLORO-3-METHYLPHENOL	< 350 :V	< 360 :V	NC	Not Applicable
4-CHLOROANILINE	< 350 :V	< 360 :V	NC	Not Applicable
4-CHLOROPHENYL PHENYL ETHER	< 350 :V	< 360 :V	NC	Not Applicable
4-METHYLPHENOL	< 350 :V	< 360 :V	NC	Not Applicable
4-NITROANILINE	120 J:A	97 J:A	21%	Yes
4-NITROPHENOL	< 1700 :V	< 1700 :V	NC	Not Applicable
ACENAPHTHENE	< 350 :V	< 360 :V	NC	Not Applicable
ACENAPHTHYLENE	< 350 :V	< 360 :V	NC	Not Applicable
ANTHRACENE	< 350 :V	< 360 :V	NC	Not Applicable
BENZO(a)ANTHRACENE	51 J:A	< 360 :V	NC	Not Applicable
BENZO(a)PYRENE	140 J:A	< 360 :V	NC	Not Applicable
BENZO(b)FLUORANTHENE	110 J:A	53 J:A	70%	Yes
BENZO(ghi)PERYLENE	< 350 :V	< 360 :V	NC	Not Applicable
BENZO(k)FLUORANTHENE	38 J:A	< 360 :V	NC	Not Applicable
BENZOIC ACID	< 1700 :V	< 1700 :V	NC	Not Applicable
BENZYL ALCOHOL	< 350 :V	< 360 :V	NC	Not Applicable
BIS(2-CHLOROETHOXY)METHANE	< 350 :V	< 360 :V	NC	Not Applicable
BIS(2-CHLOROETHYL)ETHER	< 350 :V	< 360 :V	NC	Not Applicable
BIS(2-CHLOROISOPROPYL)ETHER	< 350 :V	< 360 :V	NC	Not Applicable
BIS(2-ETHYLHEXYL)PHTHALATE	< 350 :V	46 J:A	NC	Not Applicable
BUTYL BENZYL PHTHALATE	< 350 :J	< 360 :J	NC	Not Applicable
CHRYSENE	68 J:A	37 J:A	59%	Yes
DI-n-BUTYL PHTHALATE	< 350 :V	< 360 :V	NC	Not Applicable
DI-n-OCTYL PHTHALATE	< 350 :V	< 360 :V	NC	Not Applicable
DIBENZO(a,h)ANTHRACENE	< 350 :V	< 360 :V	NC	Not Applicable
DIBENZOFURAN	< 350 :V	< 360 :V	NC	Not Applicable
DIETHYL PHTHALATE	< 350 :V	< 360 :V	NC	Not Applicable
DIMETHYL PHTHALATE	< 350 :V	< 360 :V	NC	Not Applicable
FLUORANTHENE	130 J:A	60 J:A	74%	Yes
FLUORENE	< 350 :V	< 360 :V	NC	Not Applicable
HEXACHLOROBENZENE	< 350 :V	< 360 :V	NC	Not Applicable
HEXACHLOROBUTADIENE	< 350 :V	< 360 :V	NC	Not Applicable
HEXACHLOROCYCLOPENTADIENE	< 350 :V	< 360 :V	NC	Not Applicable
HEXACHLOROETHANE	< 350 :V	< 360 :V	NC	Not Applicable
INDENO(1,2,3-cd)PYRENE	48 J:A	< 360 :V	NC	Not Applicable
ISOPHORONE	< 350 :V	< 360 :V	NC	Not Applicable

TABLE E-60
Field Duplicate Results
Relative Percent Differences
OU8 Surface Soil Samples IHSS 150.1
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS806793 SSG0061JE 15-Nov-94	SS806793 SSG0134JE 15-Nov-94	RPD	Data Acceptable For Intended Use?
N-NITROSO-DI-n-PROPYLAMINE	< 350 :V	< 360 :V	NC	Not Applicable
N-NITROSODIPHENYLAMINE	< 350 :V	< 360 :V	NC	Not Applicable
NAPHTHALENE	< 350 :V	< 360 :V	NC	Not Applicable
NITROBENZENE	< 350 :V	< 360 :V	NC	Not Applicable
PENTACHLOROPHENOL	< 1700 :V	< 1700 :V	NC	Not Applicable
PHENANTHRENE	78 J:A	< 360 :V	NC	Not Applicable
PHENOL	< 350 :V	< 360 :V	NC	Not Applicable
PYRENE	220 J:A	49 J:A	127%	Yes
p-BROMODIPHENYL ETHER	< 350 :V	< 360 :V	NC	Not Applicable
Test Group:METADD Units: mg/kg				
CESIUM	< 2.7 :V	< 2.7 :V	NC	Not Applicable
LITHIUM	5.9 B:V	5.6 B:V	5%	Yes
MOLYBDENUM	< 1.8 :J	< 1.2 :J	NC	Not Applicable
STRONTIUM	7.7 B:V	8.2 B:V	6%	Yes
TIN	< 2 :V	< 2 :V	NC	Not Applicable
Test Group:SMETCLP Units: mg/kg				
ALUMINUM	4640 :V	4800 :V	3%	Yes
ANTIMONY	< 2.3 :R	< 2.3 :R	NC	Not Applicable
ARSENIC	1.9 B:V	1.2 B:V	45%	Yes
BARIUM	47.2 :V	51.8 :V	9%	Yes
BERYLLIUM	.21 B:V	.19 B:V	10%	Yes
CADMIUM	< .29 :V	< .29 :V	NC	Not Applicable
CALCIUM	1170 :V	1340 :V	14%	Yes
CHROMIUM	8.5 :V	7.9 :V	7%	Yes
COBALT	5 B:V	4.5 B:V	11%	Yes
COPPER	17.6 :J	13.4 :J	27%	Yes
IRON	8520 :V	8470 :V	1%	Yes
LEAD	10.9 :V	8.7 :V	22%	Yes
MAGNESIUM	1740 :V	1810 :V	4%	Yes
MANGANESE	172 :V	168 :V	2%	Yes
MERCURY	< .049 :V	< .054 :V	NC	Not Applicable
NICKEL	5.7 B:V	6.1 B:V	7%	Yes
POTASSIUM	1490 :V	1580 :V	6%	Yes
SELENIUM	< .52 :V	< .51 :V	NC	Not Applicable
SILVER	< .57 :J	< .49 :J	NC	Not Applicable
SODIUM	93.5 B:V	101 B:V	8%	Yes
THALLIUM	< .35 :V	< .35 :V	NC	Not Applicable
VANADIUM	13.6 :V	13.3 :V	2%	Yes
ZINC	26.1 :V	27.5 :V	5%	Yes
Test Group:TRADS Units: pCi/g				
AMERICIUM-241	.027(.016) :Y	.031(.013) :Y	14%	Yes
GROSS ALPHA	17(3.6) :A	18(3.5) :A	6%	Yes
GROSS BETA	36(3.6) :A	39(3.8) :A	8%	Yes
PLUTONIUM-239/240	.055(.018) :Y	.081(.019) :Y	38%	Yes
URANIUM-233,-234	.68(.2) :Y	.65(.18) :Y	5%	Yes
URANIUM-235	.044(.058) U:Y	.059(.06) U:Y	29%	Yes
URANIUM-238	.8(.21) :Y	.59(.18) :Y	30%	Yes

TABLE E-61
Field Duplicate Results
Relative Percent Differences
OU8 Surface Soil Samples IHSS 150.3
Rocky Flats Environmental Technology Site

Sample Location:	SS807893	SS807893	RPD	Data Acceptable
Sample Identification Number:	SSG0072JE	SSG0153JE		For Intended Use?
Date Sampled:	12-Dec-94	12-Dec-94		
Test Group:BNACLP Units: µg/kg				
1,2,4-TRICHLOROBENZENE	< 370 :V	< 370 :V	NC	Not Applicable
1,2-DICHLOROBENZENE	< 370 :V	< 370 :V	NC	Not Applicable
1,3-DICHLOROBENZENE	< 370 :V	< 370 :V	NC	Not Applicable
1,4-DICHLOROBENZENE	< 370 :V	< 370 :V	NC	Not Applicable
2,4,5-TRICHLOROPHENOL	< 1800 :V	< 1800 :V	NC	Not Applicable
2,4,6-TRICHLOROPHENOL	< 370 :V	< 370 :V	NC	Not Applicable
2,4-DICHLOROPHENOL	< 370 :V	< 370 :V	NC	Not Applicable
2,4-DIMETHYLPHENOL	< 370 :V	< 370 :V	NC	Not Applicable
2,4-DINITROPHENOL	< 1800 :V	< 1800 :V	NC	Not Applicable
2,4-DINITROTOLUENE	< 370 :V	< 370 :V	NC	Not Applicable
2,6-DINITROTOLUENE	< 370 :V	< 370 :V	NC	Not Applicable
2-CHLORONAPHTHALENE	< 370 :V	< 370 :V	NC	Not Applicable
2-CHLOROPHENOL	< 370 :V	< 370 :V	NC	Not Applicable
2-METHYLNAPHTHALENE	360 J:A	500 :V	33%	Yes
2-METHYLPHENOL	< 370 :V	< 370 :V	NC	Not Applicable
2-NITROANILINE	< 1800 :V	< 1800 :V	NC	Not Applicable
2-NITROPHENOL	< 370 :V	< 370 :V	NC	Not Applicable
3,3'-DICHLOROBENZIDINE	< 750 :R	< 750 :R	NC	Not Applicable
3-NITROANILINE	< 1800 :V	< 1800 :V	NC	Not Applicable
4,6-DINITRO-2-METHYLPHENOL	< 1800 :V	< 1800 :V	NC	Not Applicable
4-CHLORO-3-METHYLPHENOL	< 370 :V	< 370 :V	NC	Not Applicable
4-CHLOROANILINE	< 370 :V	< 370 :V	NC	Not Applicable
4-CHLOROPHENYL PHENYL ETHER	< 370 :V	< 370 :V	NC	Not Applicable
4-METHYLPHENOL	< 370 :V	< 370 :V	NC	Not Applicable
4-NITROANILINE	< 1800 :V	< 1800 :V	NC	Not Applicable
4-NITROPHENOL	< 1800 :V	< 1800 :V	NC	Not Applicable
ACENAPHTHENE	2600 :V	3000 DJ:V	14%	Yes
ACENAPHTHYLENE	58 J:A	< 370 :V	NC	Not Applicable
ANTHRACENE	3000 :V	4000 D:V	29%	Yes
BENZO(a)ANTHRACENE	5700 D:V	9200 D:V	47%	Yes
BENZO(a)PYRENE	6300 D:V	9400 D:V	39%	Yes
BENZO(b)FLUORANTHENE	7600 D:V	12000 D:V	45%	Yes
BENZO(ghi)PERYLENE	1900 :V	2500 :V	27%	Yes
BENZO(k)FLUORANTHENE	1800 :V	2400 :V	29%	Yes
BENZOIC ACID	< 1800 :V	< 1800 :V	NC	Not Applicable
BENZYL ALCOHOL	< 370 :V	< 370 :V	NC	Not Applicable
BIS(2-CHLOROETHOXY)METHANE	< 370 :V	< 370 :V	NC	Not Applicable
BIS(2-CHLOROETHYL)ETHER	< 370 :V	< 370 :V	NC	Not Applicable
BIS(2-CHLOROISOPROPYL)ETHER	< 370 :V	< 370 :V	NC	Not Applicable
BIS(2-ETHYLHEXYL)PHTHALATE	98 J:A	< 370 :V	NC	Not Applicable
BUTYL BENZYL PHTHALATE	< 370 :J	< 370 :J	NC	Not Applicable
CHRYSENE	6400 D:V	11000 D:V	53%	Yes
DI-n-BUTYL PHTHALATE	< 370 :V	< 370 :V	NC	Not Applicable
DI-n-OCTYL PHTHALATE	< 370 :V	< 370 :V	NC	Not Applicable
DIBENZO(a,h)ANTHRACENE	< 370 :V	< 370 :V	NC	Not Applicable
DIBENZOFURAN	930 :V	1200 :V	25%	Yes
DIETHYL PHTHALATE	< 370 :V	< 370 :V	NC	Not Applicable
DIMETHYL PHTHALATE	< 370 :V	< 370 :V	NC	Not Applicable
FLUORANTHENE	12000 D:V	24000 D:V	67%	Yes
FLUORENE	2100 :V	2800 :V	29%	Yes
HEXACHLOROBENZENE	< 370 :V	< 370 :V	NC	Not Applicable
HEXACHLOROBUTADIENE	< 370 :V	< 370 :V	NC	Not Applicable
HEXACHLOROCYCLOPENTADIENE	< 370 :V	< 370 :V	NC	Not Applicable
HEXACHLOROETHANE	< 370 :V	< 370 :V	NC	Not Applicable
INDENO(1,2,3-cd)PYRENE	2100 :V	2800 :V	29%	Yes
ISOPHORONE	< 370 :V	< 370 :V	NC	Not Applicable

TABLE E-61
Field Duplicate Results
Relative Percent Differences
OU8 Surface Soil Samples IHSS 150.3
Rocky Flats Environmental Technology Site

Sample Location:	**SS807893**	**SS807893**	**RPD**	**Data Acceptable**
Sample Identification Number:	**SSG0072JE**	**SSG0153JE**		**For Intended Use?**
Date Sampled:	**12-Dec-94**	**12-Dec-94**		
N-NITROSO-DI-n-PROPYLAMINE	< 370 :V	< 370 :V	NC	Not Applicable
N-NITROSODIPHENYLAMINE	< 370 :V	< 370 :V	NC	Not Applicable
NAPHTHALENE	980 :V	1100 :V	12%	Yes
NITROBENZENE	< 370 :V	< 370 :V	NC	Not Applicable
PENTACHLOROPHENOL	< 1800 :V	< 1800 :V	NC	Not Applicable
PHENANTHRENE	13000 D:V	22000 D:V	51%	Yes
PHENOL	< 370 :V	< 370 :V	NC	Not Applicable
PYRENE	11000 D:V	26000 D:V	81%	Yes
p-BROMODIPHENYL ETHER	< 370 :V	< 370 :V	NC	Not Applicable
Test Group:METADD Units: mg/kg				
CESIUM	< 11.2 :J	< 8.3 :J	NC	Not Applicable
LITHIUM	6.2 B:V	5.1 B:V	19%	Yes
MOLYBDENUM	< .54 :V	< .5 :V	NC	Not Applicable
STRONTIUM	45.2 :V	43.1 :V	5%	Yes
TIN	< 2.2 :V	< 2.1 :V	NC	Not Applicable
Test Group:SMETCLP Units: mg/kg				
ALUMINUM	6800 :V	6520 :V	4%	Yes
ANTIMONY	< 2.5 :J	< 2.3 :J	NC	Not Applicable
ARSENIC	5.5 :V	5 :V	10%	Yes
BARIUM	126 :V	140 :V	11%	Yes
BERYLLIUM	.7 B:V	.65 B:V	7%	Yes
CADMIUM	< .31 :V	< .29 :V	NC	Not Applicable
CALCIUM	22600 I:J	18600 I:J	NC	Not Applicable
CHROMIUM	8.7 :V	7.6 :V	13%	Yes
COBALT	8.1 B:V	5.4 B:V	40%	Yes
COPPER	12.8 :J	11.6 :J	10%	Yes
IRON	11100 :V	9740 :V	13%	Yes
LEAD	17.3 :J	15.3 :J	12%	Yes
MAGNESIUM	1880 :V	1670 :V	12%	Yes
MANGANESE	216 :V	172 :V	23%	Yes
MERCURY	.05 B:V	< .06 :V	NC	Not Applicable
NICKEL	12.9 :V	9.9 :V	26%	Yes
POTASSIUM	1610 :V	1560 :V	3%	Yes
SELENIUM	< .56 :V	< .52 :V	NC	Not Applicable
SILVER	< .82 :J	< .96 :J	NC	Not Applicable
SODIUM	< 64.3 :J	< 59.5 :J	NC	Not Applicable
THALLIUM	< .38 :V	< .35 :V	NC	Not Applicable
VANADIUM	25 :V	22.3 :V	11%	Yes
ZINC	49.8 :V	49.3 :V	1%	Yes
Test Group:TRADS Units: pCi/g				
AMERICIUM-241	.42(.037) :V	.31(.03) :V	30%	Yes
GROSS ALPHA	15(3) :A	16(3.1) :A	6%	Yes
GROSS BETA	25(3.2) :A	22(3.5) :A	13%	Yes
PLUTONIUM-239/240	.45(.034) B:V	.36(.03) B:V	22%	Yes
URANIUM-233,-234	.75(.16) B:V	.73(.13) B:V	3%	Yes
URANIUM-235	.062(.054) U:V	.038(.038) U:V	48%	Yes
URANIUM-238	.74(.16) :V	.77(.14) :V	4%	Yes

TABLE E-62
Field Duplicate Results
Relative Percent Differences
OU8 Surface Soil Samples IHSS 150.4
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS808393 SSG0077JE 18-Nov-94	SS808393 SSG0137JE 18-Nov-94	RPD	Data Acceptable For Intended Use?
Test Group:BNACLP Units: µg/kg				
1,2,4-TRICHLOROBENZENE	< 370 :V	< 370 :V	NC	Not Applicable
1,2-DICHLOROBENZENE	< 370 :V	< 370 :V	NC	Not Applicable
1,3-DICHLOROBENZENE	< 370 :V	< 370 :V	NC	Not Applicable
1,4-DICHLOROBENZENE	< 370 :V	< 370 :V	NC	Not Applicable
2,4,5-TRICHLOROPHENOL	< 1800 :V	< 1800 :V	NC	Not Applicable
2,4,6-TRICHLOROPHENOL	< 370 :V	< 370 :V	NC	Not Applicable
2,4-DICHLOROPHENOL	< 370 :V	< 370 :V	NC	Not Applicable
2,4-DIMETHYLPHENOL	< 370 :V	< 370 :V	NC	Not Applicable
2,4-DINITROPHENOL	< 1800 :V	< 1800 :V	NC	Not Applicable
2,4-DINITROTOLUENE	< 370 :V	< 370 :V	NC	Not Applicable
2,6-DINITROTOLUENE	< 370 :V	< 370 :V	NC	Not Applicable
2-CHLORONAPHTHALENE	< 370 :V	< 370 :V	NC	Not Applicable
2-CHLOROPHENOL	< 370 :V	< 370 :V	NC	Not Applicable
2-METHYLNAPHTHALENE	< 370 :V	< 370 :V	NC	Not Applicable
2-METHYLPHENOL	< 370 :V	< 370 :V	NC	Not Applicable
2-NITROANILINE	< 1800 :V	< 1800 :V	NC	Not Applicable
2-NITROPHENOL	< 370 :V	< 370 :V	NC	Not Applicable
3,3'-DICHLOROBENZIDINE	< 750 :V	< 730 :V	NC	Not Applicable
3-NITROANILINE	< 1800 :V	< 1800 :V	NC	Not Applicable
4,6-DINITRO-2-METHYLPHENOL	< 1800 :V	< 1800 :V	NC	Not Applicable
4-CHLORO-3-METHYLPHENOL	< 370 :V	< 370 :V	NC	Not Applicable
4-CHLOROANILINE	< 370 :V	< 370 :V	NC	Not Applicable
4-CHLOROPHENYL PHENYL ETHER	< 370 :V	< 370 :V	NC	Not Applicable
4-METHYLPHENOL	< 370 :V	< 370 :V	NC	Not Applicable
4-NITROANILINE	< 1800 :V	< 1800 :V	NC	Not Applicable
4-NITROPHENOL	< 1800 :V	< 1800 :V	NC	Not Applicable
ACENAPHTHENE	< 370 :V	< 370 :V	NC	Not Applicable
ACENAPHTHYLENE	< 370 :V	< 370 :V	NC	Not Applicable
ANTHRACENE	< 370 :V	< 370 :V	NC	Not Applicable
BENZO(a)ANTHRACENE	38 J:A	< 370 :V	NC	Not Applicable
BENZO(a)PYRENE	< 370 :V	< 370 :V	NC	Not Applicable
BENZO(b)FLUORANTHENE	< 370 :V	< 370 :V	NC	Not Applicable
BENZO(ghi)PERYLENE	< 370 :V	< 370 :V	NC	Not Applicable
BENZO(k)FLUORANTHENE	< 370 :V	< 370 :V	NC	Not Applicable
BENZOIC ACID	< 1800 :V	< 1800 :V	NC	Not Applicable
BENZYL ALCOHOL	< 370 :V	< 370 :V	NC	Not Applicable
BIS(2-CHLOROETHOXY)METHANE	< 370 :V	< 370 :V	NC	Not Applicable
BIS(2-CHLOROETHYL)ETHER	< 370 :V	< 370 :V	NC	Not Applicable
BIS(2-CHLOROISOPROPYL)ETHER	< 370 :V	< 370 :V	NC	Not Applicable
BIS(2-ETHYLHEXYL)PHTHALATE	44 J:A	49 J:A	11%	Yes
BUTYL BENZYL PHTHALATE	< 490 :J	< 370 :J	NC	Not Applicable
CHRYSENE	41 J:A	< 370 :V	NC	Not Applicable
DI-n-BUTYL PHTHALATE	< 370 :V	< 370 :V	NC	Not Applicable
DI-n-OCTYL PHTHALATE	< 370 :J	< 370 :J	NC	Not Applicable
DIBENZO(a,h)ANTHRACENE	< 370 :V	< 370 :V	NC	Not Applicable
DIBENZOFURAN	< 370 :V	< 370 :V	NC	Not Applicable
DIETHYL PHTHALATE	< 370 :V	< 370 :V	NC	Not Applicable
DIMETHYL PHTHALATE	< 370 :V	< 370 :V	NC	Not Applicable
FLUORANTHENE	75 J:A	< 370 :V	NC	Not Applicable
FLUORENE	< 370 :V	< 370 :V	NC	Not Applicable
HEXACHLOROBENZENE	< 370 :V	< 370 :V	NC	Not Applicable
HEXACHLOROBUTADIENE	< 370 :V	< 370 :V	NC	Not Applicable
HEXACHLOROCYCLOPENTADIENE	< 370 :V	< 370 :V	NC	Not Applicable
HEXACHLOROETHANE	< 370 :V	< 370 :V	NC	Not Applicable
INDENO(1,2,3-cd)PYRENE	< 370 :V	< 370 :V	NC	Not Applicable
ISOPHORONE	< 370 :V	< 370 :V	NC	Not Applicable

TABLE E-62
Field Duplicate Results
Relative Percent Differences
OU8 Surface Soil Samples IHSS 150.4
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS808393 SSG0077JE 18-Nov-94	SS808393 SSG0137JE 18-Nov-94	RPD	Data Acceptable For Intended Use?
N-NITROSO-DI-n-PROPYLAMINE	< 370 :V	< 370 :V	NC	Not Applicable
N-NITROSODIPHENYLAMINE	< 370 :V	< 370 :V	NC	Not Applicable
NAPHTHALENE	< 370 :V	< 370 :V	NC	Not Applicable
NITROBENZENE	< 370 :V	< 370 :V	NC	Not Applicable
PENTACHLOROPHENOL	< 1800 :V	< 1800 :V	NC	Not Applicable
PHENANTHRENE	58 J:A	< 370 :V	NC	Not Applicable
PHENOL	< 370 :V	< 370 :V	NC	Not Applicable
PYRENE	< 370 :J	< 370 :V	NC	Not Applicable
p-BROMODIPHENYL ETHER	< 370 :V	< 370 :V	NC	Not Applicable
Test Group:METADD Units: mg/kg				
CESIUM	< 2.8 :V	< 4.5 :J	NC	Not Applicable
LITHIUM	6.4 B:V	6 B:V	6%	Yes
MOLYBDENUM	< .96 :J	< .9 :J	NC	Not Applicable
STRONTIUM	10.7 B:V	10.3 B:V	4%	Yes
TIN	< 2.1 :V	< 2.2 :V	NC	Not Applicable
Test Group:SMETCLP Units: mg/kg				
ALUMINUM	6440 :V	5570 :V	14%	Yes
ANTIMONY	< 2.4 :R	< 2.5 :R	NC	Not Applicable
ARSENIC	2.5 :V	1.6 B:V	44%	Yes
BARIUM	50.9 :V	53.4 :V	5%	Yes
BERYLLIUM	.3 B:V	.24 B:V	22%	Yes
CADMIUM	< .3 :V	< .32 :V	NC	Not Applicable
CALCIUM	4960 :V	3350 :V	39%	Yes
CHROMIUM	8.2 :V	8.1 :V	1%	Yes
COBALT	4.1 B:V	4.3 B:V	5%	Yes
COPPER	13.7 :J	13.8 :J	1%	Yes
IRON	9900 :V	9710 :V	2%	Yes
LEAD	9 :V	8.5 :V	6%	Yes
MAGNESIUM	2100 :V	2090 :V	0%	Yes
MANGANESE	159 :V	158 :V	1%	Yes
MERCURY	< .056 :V	< .058 :V	NC	Not Applicable
NICKEL	7.1 B:V	5.8 B:V	20%	Yes
POTASSIUM	2950 :V	2650 :V	11%	Yes
SELENIUM	< .54 :V	< .56 :V	NC	Not Applicable
SILVER	< .73 :J	< .54 :J	NC	Not Applicable
SODIUM	718 B:V	593 B:V	19%	Yes
THALLIUM	< .36 :V	< .38 :V	NC	Not Applicable
VANADIUM	17.7 :V	16.8 :V	5%	Yes
ZINC	36.1 :V	43.4 :V	18%	Yes
Test Group:TRADS Units: pCi/g				
AMERICIUM-241	.006(.01) U:Y	.005(.011) U:Y	18%	Yes
GROSS ALPHA	25(4.1) :A	30(4.4) :A	18%	Yes
GROSS BETA	37(3.7) :A	34(3.8) :A	8%	Yes
PLUTONIUM-239/240	.026(.008) J:Y	.019(.008) J:Y	31%	Yes
URANIUM-233,-234	.74(.17) :Y	.91(.19) :Y	21%	Yes
URANIUM-235	.031(.042) U:Y	.065(.044) U:Y	71%	Yes
URANIUM-238	.95(.19) :Y	1(.21) :Y	5%	Yes

TABLE E-63
Field Duplicate Results
Relative Percent Differences
OU8 Surface Soil Samples IHSS 151
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS810293 SSG0096JE 1-Nov-94	SS810293 SSG0124JE 1-Nov-94	RPD	Data Acceptable For Intended Use?
Test Group:E_TPH8015A Units: mg/kg				
DIESEL FUEL	< 25 :Y	< 25 :Y	NC	Not Applicable
Test Group:METADD Units: mg/kg				
CESIUM	< 4.2 :J	< 6.2 :J	NC	Not Applicable
LITHIUM	5.6 B:V	5 B:V	11%	Yes
MOLYBDENUM	< 1 :J	< 1.2 :J	NC	Not Applicable
STRONTIUM	26.8 B:V	24.3 B:V	10%	Yes
TIN	< 2.1 :V	< 2 :V	NC	Not Applicable
Test Group:SMETCLP Units: mg/kg				
ALUMINUM	8960 :V	8070 :V	10%	Yes
ANTIMONY	< 2.3 :J	< 2.3 :J	NC	Not Applicable
ARSENIC	4.8 :V	4.2 :V	13%	Yes
BARIUM	82.1 :V	80.3 :V	2%	Yes
BERYLLIUM	.74 B:V	.7 B:V	6%	Yes
CADMIUM	< .29 :V	< .29 :V	NC	Not Applicable
CALCIUM	3980 I:J	3930 I:J	NC	Not Applicable
CHROMIUM	9.3 :V	8.6 :V	8%	Yes
COBALT	6 B:V	6.1 B:V	2%	Yes
COPPER	17.9 :V	15.5 :V	14%	Yes
IRON	13100 :V	< 12100 :V	NC	Not Applicable
LEAD	9.8 :V	9.9 :V	1%	Yes
MAGNESIUM	2590 :V	2520 :V	3%	Yes
MANGANESE	336 :V	206 :V	48%	Yes
MERCURY	< .05 :V	< .048 :V	NC	Not Applicable
NICKEL	11.2 :V	10.5 :V	6%	Yes
POTASSIUM	1290 :V	1290 :V	0%	Yes
SELENIUM	< .52 :V	< .52 :V	NC	Not Applicable
SILVER	< 1.3 :J	< 1.2 :J	NC	Not Applicable
SODIUM	235 B:V	247 B:V	5%	Yes
THALLIUM	< .35 :V	< .35 :V	NC	Not Applicable
VANADIUM	27.3 :V	26.6 :V	3%	Yes
ZINC	32.9 :V	33 :V	0%	Yes
Test Group:TPH8015A Units: %REC				
A,A,A-TFT	67 :Y	NA	NC	Not Applicable
Test Group:TRADS Units: pCi/L				
TRITIUM	-110(140) U:A	-37(190) U:A	99%	Yes
Test Group:V_TPH8015A Units: µg/kg				
GASOLINE	< 530 :Y	< 530 :Y	NC	Not Applicable

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TABLE E-64
Field Duplicate Results
Relative Percent Differences
OU8 Surface Soil Samples IHSS 150.6/150.8
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS809393 SSG0087JE 9-Nov-94	SS809393 SSG0130JE 9-Nov-94	RPD	Data Acceptable For Intended Use?
Test Group:BNACLP Units: µg/kg				
1,2,4-TRICHLOROBENZENE	< 350 :V	< 350 :V	NC	Not Applicable
1,2-DICHLOROBENZENE	< 350 :V	< 350 :V	NC	Not Applicable
1,3-DICHLOROBENZENE	< 350 :V	< 350 :V	NC	Not Applicable
1,4-DICHLOROBENZENE	< 350 :V	< 350 :V	NC	Not Applicable
2,4,5-TRICHLOROPHENOL	< 1700 :V	< 1700 :V	NC	Not Applicable
2,4,6-TRICHLOROPHENOL	< 350 :V	< 350 :V	NC	Not Applicable
2,4-DICHLOROPHENOL	< 350 :V	< 350 :V	NC	Not Applicable
2,4-DIMETHYLPHENOL	< 350 :V	< 350 :V	NC	Not Applicable
2,4-DINITROPHENOL	< 1700 :V	< 1700 :V	NC	Not Applicable
2,4-DINITROTOLUENE	< 350 :V	< 350 :V	NC	Not Applicable
2,6-DINITROTOLUENE	< 350 :V	< 350 :V	NC	Not Applicable
2-CHLORONAPHTHALENE	< 350 :V	< 350 :V	NC	Not Applicable
2-CHLOROPHENOL	< 350 :V	< 350 :V	NC	Not Applicable
2-METHYLNAPHTHALENE	< 350 :V	< 350 :V	NC	Not Applicable
2-METHYLPHENOL	< 350 :V	< 350 :V	NC	Not Applicable
2-NITROANILINE	< 1700 :V	< 1700 :V	NC	Not Applicable
2-NITROPHENOL	< 350 :V	< 350 :V	NC	Not Applicable
3,3'-DICHLOROBENZIDINE	< 700 :V	< 700 :V	NC	Not Applicable
3-NITROANILINE	< 1700 :V	< 1700 :V	NC	Not Applicable
4,6-DINITRO-2-METHYLPHENOL	< 1700 :V	< 1700 :V	NC	Not Applicable
4-CHLORO-3-METHYLPHENOL	< 350 :V	< 350 :V	NC	Not Applicable
4-CHLOROANILINE	< 350 :V	< 350 :V	NC	Not Applicable
4-CHLOROPHENYL PHENYL ETHER	< 350 :V	< 350 :V	NC	Not Applicable
4-METHYLPHENOL	< 350 :V	< 350 :V	NC	Not Applicable
4-NITROANILINE	< 1700 :V	< 1700 :V	NC	Not Applicable
4-NITROPHENOL	< 1700 :V	< 1700 :V	NC	Not Applicable
ACENAPHTHENE	< 350 :V	< 350 :V	NC	Not Applicable
ACENAPHTHYLENE	< 350 :V	< 350 :V	NC	Not Applicable
ANTHRACENE	< 350 :V	< 350 :V	NC	Not Applicable
BENZO(a)ANTHRACENE	< 350 :V	< 350 :V	NC	Not Applicable
BENZO(a)PYRENE	< 350 :V	< 350 :V	NC	Not Applicable
BENZO(b)FLUORANTHENE	< 350 :V	< 350 :V	NC	Not Applicable
BENZO(ghi)PERYLENE	< 350 :V	< 350 :V	NC	Not Applicable
BENZO(k)FLUORANTHENE	< 350 :V	< 350 :V	NC	Not Applicable
BENZOIC ACID	< 1700 :V	< 1700 :V	NC	Not Applicable
BENZYL ALCOHOL	< 350 :V	< 350 :V	NC	Not Applicable
BIS(2-CHLOROETHOXY)METHANE	< 350 :V	< 350 :V	NC	Not Applicable
BIS(2-CHLOROETHYL)ETHER	< 350 :V	< 350 :V	NC	Not Applicable
BIS(2-CHLOROISOPROPYL)ETHER	< 350 :V	< 350 :V	NC	Not Applicable
BIS(2-ETHYLHEXYL)PHTHALATE	< 350 :V	< 350 :V	NC	Not Applicable
BUTYL BENZYL PHTHALATE	< 350 :J	< 360 :J	NC	Not Applicable
CHRYSENE	< 350 :V	< 350 :V	NC	Not Applicable
DI-n-BUTYL PHTHALATE	< 350 :V	< 350 :V	NC	Not Applicable
DI-n-OCTYL PHTHALATE	44 J:A	< 350 :V	NC	Not Applicable
DIBENZO(a,h)ANTHRACENE	< 350 :V	< 350 :V	NC	Not Applicable
DIBENZOFURAN	< 350 :V	< 350 :V	NC	Not Applicable
DIETHYL PHTHALATE	< 350 :V	< 350 :V	NC	Not Applicable
DIMETHYL PHTHALATE	< 350 :V	< 350 :V	NC	Not Applicable
FLUORANTHENE	< 350 :V	< 350 :V	NC	Not Applicable
FLUORENE	< 350 :V	< 350 :V	NC	Not Applicable
HEXACHLOROBENZENE	< 350 :V	< 350 :V	NC	Not Applicable
HEXACHLOROBUTADIENE	< 350 :V	< 350 :V	NC	Not Applicable
HEXACHLOROCYCLOPENTADIENE	< 350 :V	< 350 :V	NC	Not Applicable
HEXACHLOROETHANE	< 350 :V	< 350 :V	NC	Not Applicable
INDENO(1,2,3-cd)PYRENE	< 350 :V	< 350 :V	NC	Not Applicable
ISOPHORONE	< 350 :V	< 350 :V	NC	Not Applicable

TABLE E-64
Field Duplicate Results
Relative Percent Differences
OU8 Surface Soil Samples IHSS 150.6/150.8
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS809393 SSG0087JE 9-Nov-94	SS809393 SSG0130JE 9-Nov-94	RPD	Data Acceptable For Intended Use?
N-NITROSO-DI-n-PROPYLAMINE	< 350 :V	< 350 :V	NC	Not Applicable
N-NITROSODIPHENYLAMINE	< 350 :V	< 350 :V	NC	Not Applicable
NAPHTHALENE	< 350 :V	< 350 :V	NC	Not Applicable
NITROBENZENE	< 350 :V	< 350 :V	NC	Not Applicable
PENTACHLOROPHENOL	< 1700 :V	< 1700 :V	NC	Not Applicable
PHENANTHRENE	< 350 :V	< 350 :V	NC	Not Applicable
PHENOL	< 350 :V	< 350 :V	NC	Not Applicable
PYRENE	< 350 :V	< 350 :V	NC	Not Applicable
p-BROMODIPHENYL ETHER	< 350 :V	< 350 :V	NC	Not Applicable
Test Group:METADD Units: mg/kg				
CESIUM	< 6.1 :J	< 6.2 :J	NC	Not Applicable
LITHIUM	5.8 B:V	6 B:V	3%	Yes
MOLYBDENUM	< 1.2 :J	< 1.4 :J	NC	Not Applicable
STRONTIUM	12.1 B:V	10.8 B:V	11%	Yes
TIN	< 2 :V	< 2.1 :V	NC	Not Applicable
Test Group:SMETCLP Units: mg/kg				
ALUMINUM	4640 :V	4320 :V	7%	Yes
ANTIMONY	< 2.3 :J	< 2.3 :J	NC	Not Applicable
ARSENIC	2.1 :V	1.2 B:V	55%	Yes
BARIUM	55.9 :V	51 :V	9%	Yes
BERYLLIUM	< .21 :J	< .21 :J	NC	Not Applicable
CADMIUM	< .28 :V	< .29 :V	NC	Not Applicable
CALCIUM	2250 I:J	1780 I:J	NC	Not Applicable
CHROMIUM	11.2 :V	10.9 :V	3%	Yes
COBALT	8 B:V	7 B:V	13%	Yes
COPPER	18.4 :V	18.1 :V	2%	Yes
IRON	11600 :V	10900 :V	6%	Yes
LEAD	6.2 :V	5.4 :V	14%	Yes
MAGNESIUM	2780 :V	2470 :V	12%	Yes
MANGANESE	160 :V	141 :V	13%	Yes
MERCURY	< .05 :V	< .05 :V	NC	Not Applicable
NICKEL	6.4 B:V	7.1 B:V	10%	Yes
POTASSIUM	1660 :V	1460 :V	13%	Yes
SELENIUM	< .51 :V	< .52 :V	NC	Not Applicable
SILVER	1.4 B:V	1.7 B:V	19%	Yes
SODIUM	94.5 B:V	81.4 B:V	15%	Yes
THALLIUM	< .35 :V	< .35 :V	NC	Not Applicable
VANADIUM	21.2 :V	18.8 :V	12%	Yes
ZINC	25.7 :V	25.1 :V	2%	Yes
Test Group:TRADS Units: pCi/g				
AMERICIUM-241	.008(.012) U:V	.005(.005) U:V	46%	Yes
GROSS ALPHA	25(4.1) :A	24(3.8) :A	4%	Yes
GROSS BETA	37(3.8) :A	34(3.7) :A	8%	Yes
PLUTONIUM-239/240	.007(.006) J:V	.014(.008) J:V	67%	Yes
URANIUM-233,-234	.89(.19) :V	.92(.19) :V	3%	Yes
URANIUM-235	.039(.039) U:V	.029(.039) U:V	29%	Yes
URANIUM-238	1(.2) :V	.81(.17) :V	21%	Yes

TABLE E-65
Field Duplicate Results
Relative Percent Differences
OU8 Surface Soil Samples IHSS 163.1
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS811193 SSG0105JE 2-Dec-94	SS811193 SSG0148JE 2-Dec-94	RPD	Data Acceptable For Intended Use?
Test Group:BNACLP Units: µg/kg				
1,2,4-TRICHLOROBENZENE	< 350 :V	< 350 :V	NC	Not Applicable
1,2-DICHLOROBENZENE	< 350 :V	< 350 :V	NC	Not Applicable
1,3-DICHLOROBENZENE	< 350 :V	< 350 :V	NC	Not Applicable
1,4-DICHLOROBENZENE	< 350 :V	< 350 :V	NC	Not Applicable
2,4,5-TRICHLOROPHENOL	< 1700 :V	< 1700 :V	NC	Not Applicable
2,4,6-TRICHLOROPHENOL	< 350 :V	< 350 :V	NC	Not Applicable
2,4-DICHLOROPHENOL	< 350 :V	< 350 :V	NC	Not Applicable
2,4-DIMETHYLPHENOL	< 350 :V	< 350 :V	NC	Not Applicable
2,4-DINITROPHENOL	< 1700 :V	< 1700 :V	NC	Not Applicable
2,4-DINITROTOLUENE	< 350 :V	< 350 :V	NC	Not Applicable
2,6-DINITROTOLUENE	< 350 :V	< 350 :V	NC	Not Applicable
2-CHLORONAPHTHALENE	< 350 :V	< 350 :V	NC	Not Applicable
2-CHLOROPHENOL	< 350 :V	< 350 :V	NC	Not Applicable
2-METHYLNAPHTHALENE	< 350 :V	< 350 :V	NC	Not Applicable
2-METHYLPHENOL	< 350 :V	< 350 :V	NC	Not Applicable
2-NITROANILINE	< 1700 :V	< 1700 :V	NC	Not Applicable
2-NITROPHENOL	< 350 :V	< 350 :V	NC	Not Applicable
3,3'-DICHLOROBENZIDINE	< 700 :V	< 690 :V	NC	Not Applicable
3-NITROANILINE	< 1700 :V	< 1700 :V	NC	Not Applicable
4,6-DINITRO-2-METHYLPHENOL	< 1700 :V	< 1700 :V	NC	Not Applicable
4-CHLORO-3-METHYLPHENOL	< 350 :V	< 350 :V	NC	Not Applicable
4-CHLOROANILINE	< 350 :V	< 350 :V	NC	Not Applicable
4-CHLOROPHENYL PHENYL ETHER	< 350 :V	< 350 :V	NC	Not Applicable
4-METHYLPHENOL	< 350 :V	< 350 :V	NC	Not Applicable
4-NITROANILINE	< 1700 :V	< 1700 :V	NC	Not Applicable
4-NITROPHENOL	< 1700 :V	< 1700 :V	NC	Not Applicable
ACENAPHTHENE	40 J:A	69 J:A	53%	Yes
ACENAPHTHYLENE	< 350 :V	< 350 :V	NC	Not Applicable
ANTHRACENE	100 J:A	240 J:A	82%	Yes
BENZO(a)ANTHRACENE	430 :V	720 :V	50%	Yes
BENZO(a)PYRENE	510 :V	780 :V	42%	Yes
BENZO(b)FLUORANTHENE	770 :V	1200 :V	44%	Yes
BENZO(ghi)PERYLENE	170 J:A	270 J:A	45%	Yes
BENZO(k)FLUORANTHENE	250 J:A	360 :V	36%	Yes
BENZOIC ACID	< 1700 :V	< 1700 :V	NC	Not Applicable
BENZYL ALCOHOL	< 350 :V	< 350 :V	NC	Not Applicable
BIS(2-CHLOROETHOXY)METHANE	< 350 :V	< 350 :V	NC	Not Applicable
BIS(2-CHLOROETHYL)ETHER	< 350 :V	< 350 :V	NC	Not Applicable
BIS(2-CHLOROISOPROPYL)ETHER	< 350 :V	< 350 :V	NC	Not Applicable
BIS(2-ETHYLHEXYL)PHTHALATE	230 J:A	450 :J	65%	Yes
BUTYL BENZYL PHTHALATE	< 350 :J	< 380 :J	NC	Not Applicable
CHRYSENE	680 :V	920 :V	30%	Yes
DI-n-BUTYL PHTHALATE	< 350 :V	< 350 :V	NC	Not Applicable
DI-n-OCTYL PHTHALATE	< 350 :V	< 350 :V	NC	Not Applicable
DIBENZO(a,h)ANTHRACENE	58 J:A	86 J:A	39%	Yes
DIBENZOFURAN	< 350 :V	< 350 :V	NC	Not Applicable
DIETHYL PHTHALATE	< 350 :V	< 350 :V	NC	Not Applicable
DIMETHYL PHTHALATE	< 350 :V	< 350 :V	NC	Not Applicable
FLUORANTHENE	1100 :V	1600 :V	37%	Yes
FLUORENE	39 J:A	72 J:A	59%	Yes
HEXACHLOROBENZENE	< 350 :V	< 350 :V	NC	Not Applicable
HEXACHLOROBUTADIENE	< 350 :V	< 350 :V	NC	Not Applicable
HEXACHLOROCYCLOPENTADIENE	< 350 :V	< 350 :V	NC	Not Applicable
HEXACHLOROETHANE	< 350 :V	< 350 :V	NC	Not Applicable
INDENO(1,2,3-cd)PYRENE	220 J:A	330 J:A	40%	Yes
ISOPHORONE	< 350 :V	< 350 :V	NC	Not Applicable

TABLE E-65
Field Duplicate Results
Relative Percent Differences
OU8 Surface Soil Samples IHSS 163.1
Rocky Flats Environmental Technology Site

Sample Location: **Sample Identification Number:** **Date Sampled:**	**SS811193** **SSG0105JE** **2-Dec-94**	**SS811193** **SSG0148JE** **2-Dec-94**	**RPD**	**Data Acceptable For Intended Use?**
N-NITROSO-DI-n-PROPYLAMINE	< 350 :V	< 350 :V	NC	Not Applicable
N-NITROSODIPHENYLAMINE	< 350 :V	< 350 :V	NC	Not Applicable
NAPHTHALENE	< 350 :V	< 350 :V	NC	Not Applicable
NITROBENZENE	< 350 :V	< 350 :V	NC	Not Applicable
PENTACHLOROPHENOL	< 1700 :V	< 1700 :V	NC	Not Applicable
PHENANTHRENE	700 :V	1000 :V	35%	Yes
PHENOL	< 350 :V	< 350 :V	NC	Not Applicable
PYRENE	1000 :V	1500 :V	40%	Yes
p-BROMODIPHENYL ETHER	< 350 :V	< 350 :V	NC	Not Applicable
Test Group:E_TPH8015A Units: mg/kg				
DIESEL FUEL	< 26 :Y	< 26 :Y	NC	Not Applicable
Test Group:METADD Units: mg/kg				
CESIUM	5.8 B:V	< 2.5 :V	NC	Not Applicable
LITHIUM	< 1.7 :J	2.3 B:V	NC	Not Applicable
MOLYBDENUM	< .58 :J	< .47 :V	NC	Not Applicable
STRONTIUM	6.7 B:V	7.1 B:V	6%	Yes
TIN	< 1.9 :V	< 1.9 :V	NC	Not Applicable
Test Group:SMETCLP Units: mg/kg				
ALUMINUM	1450 :V	1900 :V	27%	Yes
ANTIMONY	< 2.2 :J	< 3.4 :J	NC	Not Applicable
ARSENIC	1.3 B:J	1.1 B:J	17%	Yes
BARIUM	20.1 B:V	22.5 B:V	11%	Yes
BERYLLIUM	< .17 :J	< .17 :J	NC	Not Applicable
CADMIUM	< .27 :V	< .27 :V	NC	Not Applicable
CALCIUM	1980 :V	1950 :V	2%	Yes
CHROMIUM	15 :V	17.8 :V	17%	Yes
COBALT	1.5 B:V	1.7 B:V	13%	Yes
COPPER	8 :V	9.3 :V	15%	Yes
IRON	4790 :V	5500 :V	14%	Yes
LEAD	52.1 :V	51.8 :V	1%	Yes
MAGNESIUM	628 B:V	759 B:V	19%	Yes
MANGANESE	68.4 :V	82.2 :V	18%	Yes
MERCURY	< .052 :V	< .048 :V	NC	Not Applicable
NICKEL	3 B:V	4.2 B:V	33%	Yes
POTASSIUM	481 B:V	577 B:V	18%	Yes
SELENIUM	< .48 :J	< .48 :J	NC	Not Applicable
SILVER	1.1 B:J	.53 B:J	70%	Yes
SODIUM	< 93.3 :J	< 87.4 :J	NC	Not Applicable
THALLIUM	< .33 :V	< .33 :V	NC	Not Applicable
VANADIUM	6.7 B:V	9.1 B:V	30%	Yes
ZINC	40.5 :V	43.1 :V	6%	Yes
Test Group:TRADS Units: pCi/g				
AMERICIUM-241	.15(.028) :Y	.12(.02) :Y	22%	Yes
GROSS ALPHA	15(2.9) :Y	8.5(2.4) :Y	55%	Yes
GROSS BETA	31(3.4) :Y	32(3.5) :Y	3%	Yes
PLUTONIUM-239/240	.13(.015) :Y	.13(.015) :Y	0%	Yes
URANIUM-233,-234	.51(.16) :Y	.53(.16) :Y	4%	Yes
URANIUM-235	.064(.052) U:Y	(.024) U:Y	NC	Not Applicable
URANIUM-238	.31(.13) :Y	.52(.15) :Y	51%	Yes
Test Group:V_TPH8015A Units: µg/kg				
GASOLINE	< 530 :Y	< 530 :Y	NC	Not Applicable
Test Group:WQPL Units: µg/g				
NITRATE/NITRITE	21.1 :V	30.3 :V	36%	Yes
pH **Unit: pH**	8.16 :V	7.93 :V	3%	Yes

TABLE E-66
Field Duplicate Results
Relative Percent Differences
OU8 Surface Soil Samples IHSS 188
Rocky Flats Environmental Technology Site

Sample Location: Sample Identification Number: Date Sampled:	SS812193 SSG0113JE 7-Nov-94	SS812193 SSG0127JE 7-Nov-94	RPD	Data Acceptable For Intended Use?
Test Group:METADD Units: mg/kg				
CESIUM	8.5 B:V	6 B:V	34%	Yes
LITHIUM	7.3 B:V	7.1 B:V	3%	Yes
MOLYBDENUM	< 1.9 :J	< 2.2 :J	NC	Not Applicable
STRONTIUM	41.9 B:V	44.5 :V	6%	Yes
TIN	< 2.1 :V	< 2 :V	NC	Not Applicable
Test Group:SMETCLP Units: mg/kg				
ALUMINUM	7590 :V	7930 :V	4%	Yes
ANTIMONY	< 2.4 :R	< 2.3 :J	NC	Not Applicable
ARSENIC	1.7 B:V	1.7 B:V	0%	Yes
BARIUM	26.8 B:V	27.2 B:V	1%	Yes
BERYLLIUM	.32 B:V	.34 B:V	6%	Yes
CADMIUM	< .3 :V	< .28 :V	NC	Not Applicable
CALCIUM	6900 :V	6850 :V	1%	Yes
CHROMIUM	7.4 :V	7.6 :V	3%	Yes
COBALT	19.1 :V	14.9 :V	25%	Yes
COPPER	79.9 :V	74.5 :V	7%	Yes
IRON	17100 :V	16800 :V	2%	Yes
LEAD	7.9 :V	8.1 :V	2%	Yes
MAGNESIUM	6440 :V	6300 :V	2%	Yes
MANGANESE	434 :V	453 :V	4%	Yes
MERCURY	< .05 :V	< .05 :V	NC	Not Applicable
NICKEL	9.6 :V	10.4 :V	8%	Yes
POTASSIUM	1390 I:J	1320 I:J	5%	Yes
SELENIUM	< .53 :V	< .5 :V	NC	Not Applicable
SILVER	8.3 :J	6.1 :J	31%	Yes
SODIUM	1180 :V	1520 :V	25%	Yes
THALLIUM	< .36 :V	< .34 :V	NC	Not Applicable
VANADIUM	27.4 :V	27.3 :V	0%	Yes
ZINC	39.1 :V	36 :V	8%	Yes
Test Group:WQPL Units: µg/g				
NITRATE/NITRITE	1.56 :V	1.39 :V	12%	Yes
pH **Units: pH**	8.75 :V	8.89 :V	2%	Yes

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TABLE E-67
OU8 Surface-Soil Samples
Sample Comparison (Required Versus Actual)
Rocky Flats Environmental Technology Site

	Required Number of Samples per Sampling Plan Specifications	Actual Number of Samples	Deviation	Justification
BNACLP	85	91	6	Integrated Field Sampling Plan
METADD	99	108	9	Integrated Field Sampling Plan
SMETCLP	108	108	0	
TPH8015A	36	30	6	Integrated Field Sampling Plan
TRADS	95	103	8	Integrated Field Sampling Plan
WQPL	49	47	2	Integrated Field Sampling Plan

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TABLE E-68
OU8 Surface-Soil Samples
Data Completeness
Rocky Flats Environmental Technology Site

Analytical Parameter	Total Number of Data Points	Total Number of Invalid Data Points	Percentage of Valid/Acceptable Data Points	Completeness Goal
BNACLP	6461	69	99%	95%
METADD	540	0	100%	95%
SMETCLP	2484	21	99%	95%
TPH8015A	136	0	100%	95%
TRADS	696	0	100%	95%
WQPL	95	0	100%	95%

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TABLE E-69
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 123.1
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS800193	SSG0001JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS800193	SSG0001JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS800193	SSG0001JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS800193	SSG0001JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS800193	SSG0001JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS800193	SSG0001JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS800193	SSG0001JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS800193	SSG0001JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS800193	SSG0001JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS800193	SSG0001JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS800193	SSG0001JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS800193	SSG0001JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS800193	SSG0001JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS800193	SSG0001JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS800193	SSG0001JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS800193	SSG0001JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS800193	SSG0001JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS800193	SSG0001JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS800193	SSG0001JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS800193	SSG0001JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS800193	SSG0001JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS800193	SSG0001JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS800193	SSG0001JE	TPH8015A	DIESEL FUEL	25 mg/kg	10 mg/kg	60%
SS800293	SSG0002JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS800293	SSG0002JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS800293	SSG0002JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS800293	SSG0002JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS800293	SSG0002JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS800293	SSG0002JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS800293	SSG0002JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS800293	SSG0002JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS800293	SSG0002JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS800293	SSG0002JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS800293	SSG0002JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS800293	SSG0002JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS800293	SSG0002JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS800293	SSG0002JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS800293	SSG0002JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS800293	SSG0002JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS800293	SSG0002JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS800293	SSG0002JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS800293	SSG0002JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS800293	SSG0002JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS800293	SSG0002JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS800293	SSG0002JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS800293	SSG0002JE	TPH8015A	DIESEL FUEL	25 mg/kg	10 mg/kg	60%
SS800393	SSG0003JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS800393	SSG0003JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS800393	SSG0003JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS800393	SSG0003JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS800393	SSG0003JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS800393	SSG0003JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS800393	SSG0003JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS800393	SSG0003JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS800393	SSG0003JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%

TABLE E-69
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 123.1
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS800393	SSG0003JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS800393	SSG0003JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS800393	SSG0003JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS800393	SSG0003JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS800393	SSG0003JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS800393	SSG0003JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS800393	SSG0003JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS800393	SSG0003JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS800393	SSG0003JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS800393	SSG0003JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS800393	SSG0003JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS800393	SSG0003JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS800393	SSG0003JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS800393	SSG0003JE	TPH8015A	DIESEL FUEL	25 mg/kg	10 mg/kg	60%
SS800493	SSG0004JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS800493	SSG0004JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS800493	SSG0004JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS800493	SSG0004JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS800493	SSG0004JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS800493	SSG0004JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS800493	SSG0004JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS800493	SSG0004JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS800493	SSG0004JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS800493	SSG0004JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS800493	SSG0004JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS800493	SSG0004JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS800493	SSG0004JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS800493	SSG0004JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS800493	SSG0004JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS800493	SSG0004JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS800493	SSG0004JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS800493	SSG0004JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS800493	SSG0004JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS800493	SSG0004JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS800493	SSG0004JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS800493	SSG0004JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS800493	SSG0004JE	TPH8015A	DIESEL FUEL	25 mg/kg	10 mg/kg	60%
SS800593	SSG0005JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS800593	SSG0005JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS800593	SSG0005JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS800593	SSG0005JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS800593	SSG0005JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS800593	SSG0005JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS800593	SSG0005JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS800593	SSG0005JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS800593	SSG0005JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS800593	SSG0005JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS800593	SSG0005JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS800593	SSG0005JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS800593	SSG0005JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS800593	SSG0005JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS800593	SSG0005JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS800593	SSG0005JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS800593	SSG0005JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS800593	SSG0005JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%

TABLE E-69
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 123.1
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS800593	SSG0005JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS800593	SSG0005JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS800593	SSG0005JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS800593	SSG0005JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS800593	SSG0005JE	TPH8015A	DIESEL FUEL	25 mg/kg	10 mg/kg	60%
SS800693	SSG0006JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS800693	SSG0006JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS800693	SSG0006JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS800693	SSG0006JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS800693	SSG0006JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS800693	SSG0006JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS800693	SSG0006JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS800693	SSG0006JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS800693	SSG0006JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS800693	SSG0006JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS800693	SSG0006JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS800693	SSG0006JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS800693	SSG0006JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS800693	SSG0006JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS800693	SSG0006JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS800693	SSG0006JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS800693	SSG0006JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS800693	SSG0006JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS800693	SSG0006JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS800693	SSG0006JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS800693	SSG0006JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS800693	SSG0006JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS800693	SSG0006JE	TPH8015A	DIESEL FUEL	25 mg/kg	10 mg/kg	60%
SS800793	SSG0007JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS800793	SSG0007JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS800793	SSG0007JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS800793	SSG0007JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS800793	SSG0007JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS800793	SSG0007JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS800793	SSG0007JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS800793	SSG0007JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS800793	SSG0007JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS800793	SSG0007JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS800793	SSG0007JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS800793	SSG0007JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS800793	SSG0007JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS800793	SSG0007JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS800793	SSG0007JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS800793	SSG0007JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS800793	SSG0007JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS800793	SSG0007JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS800793	SSG0007JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS800793	SSG0007JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS800793	SSG0007JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS800793	SSG0007JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS800793	SSG0007JE	TPH8015A	DIESEL FUEL	25 mg/kg	10 mg/kg	60%
SS800893	SSG0008JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS800893	SSG0008JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS800893	SSG0008JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS800893	SSG0008JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%

TABLE E-69
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 123.1
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS800893	SSG0008JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS800893	SSG0008JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS800893	SSG0008JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS800893	SSG0008JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS800893	SSG0008JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS800893	SSG0008JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS800893	SSG0008JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS800893	SSG0008JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS800893	SSG0008JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS800893	SSG0008JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS800893	SSG0008JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS800893	SSG0008JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS800893	SSG0008JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS800893	SSG0008JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS800893	SSG0008JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS800893	SSG0008JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS800893	SSG0008JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS800893	SSG0008JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS800893	SSG0008JE	TPH8015A	DIESEL FUEL	25 mg/kg	10 mg/kg	60%
SS800993	SSG0009JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS800993	SSG0009JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS800993	SSG0009JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS800993	SSG0009JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS800993	SSG0009JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS800993	SSG0009JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS800993	SSG0009JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS800993	SSG0009JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS800993	SSG0009JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS800993	SSG0009JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS800993	SSG0009JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS800993	SSG0009JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS800993	SSG0009JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS800993	SSG0009JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS800993	SSG0009JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS800993	SSG0009JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS800993	SSG0009JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS800993	SSG0009JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS800993	SSG0009JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS800993	SSG0009JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS800993	SSG0009JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS800993	SSG0009JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS800993	SSG0009JE	TPH8015A	DIESEL FUEL	25 mg/kg	10 mg/kg	60%

TABLE E-70
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 135
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS801093	SSG0010JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS801093	SSG0010JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS801093	SSG0010JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	2000%
SS801093	SSG0010JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS801093	SSG0010JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS801093	SSG0010JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS801093	SSG0010JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS801093	SSG0010JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS801093	SSG0010JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS801093	SSG0010JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS801093	SSG0010JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS801093	SSG0010JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS801093	SSG0010JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS801093	SSG0010JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS801093	SSG0010JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS801093	SSG0010JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS801093	SSG0010JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS801093	SSG0010JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS801093	SSG0010JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS801093	SSG0010JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS801093	SSG0010JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS801093	SSG0010JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS801193	SSG0011JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS801193	SSG0011JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS801193	SSG0011JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS801193	SSG0011JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS801193	SSG0011JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS801193	SSG0011JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS801193	SSG0011JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS801193	SSG0011JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS801193	SSG0011JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS801193	SSG0011JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS801193	SSG0011JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS801193	SSG0011JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS801193	SSG0011JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS801193	SSG0011JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS801193	SSG0011JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS801193	SSG0011JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS801193	SSG0011JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS801193	SSG0011JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS801193	SSG0011JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS801193	SSG0011JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS801193	SSG0011JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS801193	SSG0011JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS801293	SSG0012JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS801293	SSG0012JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS801293	SSG0012JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS801293	SSG0012JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS801293	SSG0012JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS801293	SSG0012JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS801293	SSG0012JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS801293	SSG0012JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS801293	SSG0012JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS801293	SSG0012JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS801293	SSG0012JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%

TABLE E-70
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 135
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS801293	SSG0012JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS801293	SSG0012JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS801293	SSG0012JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS801293	SSG0012JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS801293	SSG0012JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS801293	SSG0012JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS801293	SSG0012JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS801293	SSG0012JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS801293	SSG0012JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS801293	SSG0012JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS801293	SSG0012JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS801393	SSG0013JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS801393	SSG0013JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS801393	SSG0013JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS801393	SSG0013JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS801393	SSG0013JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS801393	SSG0013JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS801393	SSG0013JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS801393	SSG0013JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS801393	SSG0013JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS801393	SSG0013JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS801393	SSG0013JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS801393	SSG0013JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS801393	SSG0013JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS801393	SSG0013JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS801393	SSG0013JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS801393	SSG0013JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS801393	SSG0013JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS801393	SSG0013JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS801393	SSG0013JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS801393	SSG0013JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS801393	SSG0013JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS801393	SSG0013JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS801493	SSG0014JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS801493	SSG0014JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS801493	SSG0014JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS801493	SSG0014JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS801493	SSG0014JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS801493	SSG0014JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS801493	SSG0014JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS801493	SSG0014JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS801493	SSG0014JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS801493	SSG0014JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS801493	SSG0014JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS801493	SSG0014JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS801493	SSG0014JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS801493	SSG0014JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS801493	SSG0014JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS801493	SSG0014JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS801493	SSG0014JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS801493	SSG0014JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS801493	SSG0014JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS801493	SSG0014JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS801493	SSG0014JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS801493	SSG0014JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%

TABLE E-71
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 137
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS801593	SSG0015JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS801593	SSG0015JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS801593	SSG0015JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS801593	SSG0015JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS801593	SSG0015JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS801593	SSG0015JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS801593	SSG0015JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS801593	SSG0015JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS801593	SSG0015JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS801593	SSG0015JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS801593	SSG0015JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS801593	SSG0015JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS801593	SSG0015JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS801593	SSG0015JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS801593	SSG0015JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS801593	SSG0015JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS801593	SSG0015JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS801593	SSG0015JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS801593	SSG0015JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS801593	SSG0015JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS801593	SSG0015JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS801593	SSG0015JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS801693	SSG0016JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS801693	SSG0016JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS801693	SSG0016JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS801693	SSG0016JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS801693	SSG0016JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS801693	SSG0016JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS801693	SSG0016JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS801693	SSG0016JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS801693	SSG0016JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS801693	SSG0016JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS801693	SSG0016JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS801693	SSG0016JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS801693	SSG0016JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS801693	SSG0016JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS801693	SSG0016JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS801693	SSG0016JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS801693	SSG0016JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS801693	SSG0016JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS801693	SSG0016JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS801693	SSG0016JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS801693	SSG0016JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS801693	SSG0016JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS801793	SSG0017JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS801793	SSG0017JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS801793	SSG0017JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS801793	SSG0017JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS801793	SSG0017JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS801793	SSG0017JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS801793	SSG0017JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS801793	SSG0017JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS801793	SSG0017JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS801793	SSG0017JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS801793	SSG0017JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%

TABLE E-71
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 137
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS801793	SSG0017JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS801793	SSG0017JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS801793	SSG0017JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS801793	SSG0017JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS801793	SSG0017JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS801793	SSG0017JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS801793	SSG0017JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS801793	SSG0017JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS801793	SSG0017JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS801793	SSG0017JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS801793	SSG0017JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS801893	SSG0018JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS801893	SSG0018JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS801893	SSG0018JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS801893	SSG0018JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS801893	SSG0018JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS801893	SSG0018JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS801893	SSG0018JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS801893	SSG0018JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS801893	SSG0018JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS801893	SSG0018JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS801893	SSG0018JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS801893	SSG0018JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS801893	SSG0018JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS801893	SSG0018JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS801893	SSG0018JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS801893	SSG0018JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS801893	SSG0018JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS801893	SSG0018JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS801893	SSG0018JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS801893	SSG0018JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS801893	SSG0018JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS801893	SSG0018JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS801993	SSG0019JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS801993	SSG0019JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS801993	SSG0019JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS801993	SSG0019JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS801993	SSG0019JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS801993	SSG0019JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS801993	SSG0019JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS801993	SSG0019JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS801993	SSG0019JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS801993	SSG0019JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS801993	SSG0019JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS801993	SSG0019JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS801993	SSG0019JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS801993	SSG0019JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS801993	SSG0019JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS801993	SSG0019JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS801993	SSG0019JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS801993	SSG0019JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS801993	SSG0019JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS801993	SSG0019JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS801993	SSG0019JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS801993	SSG0019JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%

TABLE E-71
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 137
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS802093	SSG0020JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS802093	SSG0020JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS802093	SSG0020JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS802093	SSG0020JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS802093	SSG0020JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS802093	SSG0020JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS802093	SSG0020JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS802093	SSG0020JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS802093	SSG0020JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS802093	SSG0020JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS802093	SSG0020JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS802093	SSG0020JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS802093	SSG0020JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS802093	SSG0020JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS802093	SSG0020JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS802093	SSG0020JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS802093	SSG0020JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS802093	SSG0020JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS802093	SSG0020JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS802093	SSG0020JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS802093	SSG0020JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS802093	SSG0020JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS802193	SSG0021JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS802193	SSG0021JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS802193	SSG0021JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS802193	SSG0021JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS802193	SSG0021JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS802193	SSG0021JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS802193	SSG0021JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS802193	SSG0021JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS802193	SSG0021JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS802193	SSG0021JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS802193	SSG0021JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS802193	SSG0021JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS802193	SSG0021JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS802193	SSG0021JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS802193	SSG0021JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS802193	SSG0021JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS802193	SSG0021JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS802193	SSG0021JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS802193	SSG0021JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS802193	SSG0021JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS802193	SSG0021JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS802193	SSG0021JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%

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TABLE E-72
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 138
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS802593	SSG0025JE	TRADS	AMERICIUM-241	0.06 PCI/G	0.02 PCI/G	67%
SS802693	SSG0026JE	TRADS	AMERICIUM-241	0.05 PCI/G	0.02 PCI/G	60%
SS802793	SSG0027JE	TRADS	AMERICIUM-241	0.04 PCI/G	0.02 PCI/G	50%
SS802893	SSG0028JE	TRADS	AMERICIUM-241	0.06 PCI/G	0.02 PCI/G	67%
SS802293	SSG0022JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS802293	SSG0022JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS802293	SSG0022JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS802293	SSG0022JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS802293	SSG0022JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS802293	SSG0022JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS802293	SSG0022JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS802293	SSG0022JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS802293	SSG0022JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS802293	SSG0022JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS802293	SSG0022JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS802293	SSG0022JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS802293	SSG0022JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS802293	SSG0022JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS802293	SSG0022JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS802293	SSG0022JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS802293	SSG0022JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS802293	SSG0022JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS802293	SSG0022JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS802293	SSG0022JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS802293	SSG0022JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS802293	SSG0022JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS802393	SSG0023JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS802393	SSG0023JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS802393	SSG0023JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS802393	SSG0023JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS802393	SSG0023JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS802393	SSG0023JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS802393	SSG0023JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS802393	SSG0023JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS802393	SSG0023JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS802393	SSG0023JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS802393	SSG0023JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS802393	SSG0023JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS802393	SSG0023JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS802393	SSG0023JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS802393	SSG0023JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS802393	SSG0023JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS802393	SSG0023JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS802393	SSG0023JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS802393	SSG0023JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS802393	SSG0023JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS802393	SSG0023JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS802393	SSG0023JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS802493	SSG0024JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS802493	SSG0024JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS802493	SSG0024JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS802493	SSG0024JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS802493	SSG0024JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS802493	SSG0024JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS802493	SSG0024JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%

TABLE E-72
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 138
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS802493	SSG0024JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS802493	SSG0024JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS802493	SSG0024JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS802493	SSG0024JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS802493	SSG0024JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS802493	SSG0024JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS802493	SSG0024JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS802493	SSG0024JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS802493	SSG0024JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS802493	SSG0024JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS802493	SSG0024JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS802493	SSG0024JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS802493	SSG0024JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS802493	SSG0024JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS802493	SSG0024JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS802593	SSG0025JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS802593	SSG0025JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS802593	SSG0025JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS802593	SSG0025JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS802593	SSG0025JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS802593	SSG0025JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS802593	SSG0025JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS802593	SSG0025JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS802593	SSG0025JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS802593	SSG0025JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS802593	SSG0025JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS802593	SSG0025JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS802593	SSG0025JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS802593	SSG0025JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS802593	SSG0025JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS802593	SSG0025JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS802593	SSG0025JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS802593	SSG0025JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS802593	SSG0025JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS802593	SSG0025JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS802593	SSG0025JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS802593	SSG0025JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS802693	SSG0026JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS802693	SSG0026JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS802693	SSG0026JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS802693	SSG0026JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS802693	SSG0026JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS802693	SSG0026JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS802693	SSG0026JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS802693	SSG0026JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS802693	SSG0026JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS802693	SSG0026JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS802693	SSG0026JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS802693	SSG0026JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS802693	SSG0026JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS802693	SSG0026JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS802693	SSG0026JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS802693	SSG0026JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS802693	SSG0026JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS802693	SSG0026JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%

TABLE E-72
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 138
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS802693	SSG0026JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS802693	SSG0026JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS802693	SSG0026JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS802693	SSG0026JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS802793	SSG0027JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS802793	SSG0027JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS802793	SSG0027JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS802793	SSG0027JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS802793	SSG0027JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS802793	SSG0027JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS802793	SSG0027JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS802793	SSG0027JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS802793	SSG0027JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS802793	SSG0027JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS802793	SSG0027JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS802793	SSG0027JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS802793	SSG0027JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS802793	SSG0027JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS802793	SSG0027JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS802793	SSG0027JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS802793	SSG0027JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS802793	SSG0027JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS802793	SSG0027JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS802793	SSG0027JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS802793	SSG0027JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS802793	SSG0027JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS802893	SSG0028JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS802893	SSG0028JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS802893	SSG0028JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS802893	SSG0028JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS802893	SSG0028JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS802893	SSG0028JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS802893	SSG0028JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS802893	SSG0028JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS802893	SSG0028JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS802893	SSG0028JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS802893	SSG0028JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS802893	SSG0028JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS802893	SSG0028JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS802893	SSG0028JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS802893	SSG0028JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS802893	SSG0028JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS802893	SSG0028JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS802893	SSG0028JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS802893	SSG0028JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS802893	SSG0028JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS802893	SSG0028JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS802893	SSG0028JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS802993	SSG0029JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS802993	SSG0029JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS802993	SSG0029JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS802993	SSG0029JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS802993	SSG0029JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS802993	SSG0029JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS802993	SSG0029JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%

TABLE E-72
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 138
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS802993	SSG0029JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS802993	SSG0029JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS802993	SSG0029JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS802993	SSG0029JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS802993	SSG0029JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS802993	SSG0029JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS802993	SSG0029JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS802993	SSG0029JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS802993	SSG0029JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS802993	SSG0029JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS802993	SSG0029JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS802993	SSG0029JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS802993	SSG0029JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS802993	SSG0029JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS802993	SSG0029JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS803093	SSG0030JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS803093	SSG0030JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS803093	SSG0030JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS803093	SSG0030JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS803093	SSG0030JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS803093	SSG0030JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS803093	SSG0030JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS803093	SSG0030JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS803093	SSG0030JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS803093	SSG0030JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS803093	SSG0030JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS803093	SSG0030JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS803093	SSG0030JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS803093	SSG0030JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS803093	SSG0030JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS803093	SSG0030JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS803093	SSG0030JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS803093	SSG0030JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS803093	SSG0030JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS803093	SSG0030JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS803093	SSG0030JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS803093	SSG0030JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%

TABLE E-73
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 139.1(N)
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS803193	SSG0031JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS803193	SSG0031JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS803193	SSG0031JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS803193	SSG0031JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS803193	SSG0031JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS803193	SSG0031JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS803193	SSG0031JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS803193	SSG0031JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS803193	SSG0031JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS803193	SSG0031JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS803193	SSG0031JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS803193	SSG0031JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS803193	SSG0031JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS803193	SSG0031JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS803193	SSG0031JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS803193	SSG0031JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS803193	SSG0031JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS803193	SSG0031JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS803193	SSG0031JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS803193	SSG0031JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS803193	SSG0031JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS803193	SSG0031JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS803293	SSG0032JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS803293	SSG0032JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS803293	SSG0032JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS803293	SSG0032JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS803293	SSG0032JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS803293	SSG0032JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS803293	SSG0032JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS803293	SSG0032JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS803293	SSG0032JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS803293	SSG0032JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS803293	SSG0032JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS803293	SSG0032JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS803293	SSG0032JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS803293	SSG0032JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS803293	SSG0032JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS803293	SSG0032JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS803293	SSG0032JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS803293	SSG0032JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS803293	SSG0032JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS803293	SSG0032JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS803293	SSG0032JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS803293	SSG0032JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%

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TABLE E-74
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 139.1(S)
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS803993	SSG0033JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS803993	SSG0033JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS803993	SSG0033JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS803993	SSG0033JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS803993	SSG0033JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS803993	SSG0033JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS803993	SSG0033JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS803993	SSG0033JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS803993	SSG0033JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS803993	SSG0033JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS803993	SSG0033JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS803993	SSG0033JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS803993	SSG0033JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS803993	SSG0033JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS803993	SSG0033JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS803993	SSG0033JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS803993	SSG0033JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS803993	SSG0033JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS803993	SSG0033JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS803993	SSG0033JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS803993	SSG0033JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS803993	SSG0033JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS804093	SSG0034JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS804093	SSG0034JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS804093	SSG0034JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS804093	SSG0034JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS804093	SSG0034JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS804093	SSG0034JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS804093	SSG0034JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS804093	SSG0034JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS804093	SSG0034JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS804093	SSG0034JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS804093	SSG0034JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS804093	SSG0034JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS804093	SSG0034JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS804093	SSG0034JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS804093	SSG0034JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS804093	SSG0034JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS804093	SSG0034JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS804093	SSG0034JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS804093	SSG0034JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS804093	SSG0034JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS804093	SSG0034JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS804093	SSG0034JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS804193	SSG0035JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS804193	SSG0035JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS804193	SSG0035JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS804193	SSG0035JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS804193	SSG0035JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS804193	SSG0035JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS804193	SSG0035JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS804193	SSG0035JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS804193	SSG0035JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS804193	SSG0035JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS804193	SSG0035JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%

TABLE E-74
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 139.1(S)
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS804193	SSG0035JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS804193	SSG0035JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS804193	SSG0035JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS804193	SSG0035JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS804193	SSG0035JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS804193	SSG0035JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS804193	SSG0035JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS804193	SSG0035JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS804193	SSG0035JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS804193	SSG0035JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS804193	SSG0035JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%

TABLE E-75
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 139.2
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS804293	SSG0036JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS804293	SSG0036JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS804293	SSG0036JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS804293	SSG0036JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS804293	SSG0036JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS804293	SSG0036JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS804293	SSG0036JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS804293	SSG0036JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS804293	SSG0036JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS804293	SSG0036JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS804293	SSG0036JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS804293	SSG0036JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS804293	SSG0036JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS804293	SSG0036JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS804293	SSG0036JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS804293	SSG0036JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS804293	SSG0036JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS804293	SSG0036JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS804293	SSG0036JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS804293	SSG0036JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS804293	SSG0036JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS804293	SSG0036JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS804393	SSG0037JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS804393	SSG0037JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS804393	SSG0037JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS804393	SSG0037JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS804393	SSG0037JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS804393	SSG0037JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS804393	SSG0037JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS804393	SSG0037JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS804393	SSG0037JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS804393	SSG0037JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS804393	SSG0037JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS804393	SSG0037JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS804393	SSG0037JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS804393	SSG0037JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS804393	SSG0037JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS804393	SSG0037JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS804393	SSG0037JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS804393	SSG0037JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS804393	SSG0037JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS804393	SSG0037JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS804393	SSG0037JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS804393	SSG0037JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS804493	SSG0038JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS804493	SSG0038JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS804493	SSG0038JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS804493	SSG0038JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS804493	SSG0038JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS804493	SSG0038JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS804493	SSG0038JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS804493	SSG0038JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS804493	SSG0038JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS804493	SSG0038JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS804493	SSG0038JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%

TABLE E-75
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 139.2
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS804493	SSG0038JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS804493	SSG0038JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS804493	SSG0038JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS804493	SSG0038JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS804493	SSG0038JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS804493	SSG0038JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS804493	SSG0038JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS804493	SSG0038JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS804493	SSG0038JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS804493	SSG0038JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS804493	SSG0038JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%

TABLE E-76
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 144(N)
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS804593	SSG0039JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS804593	SSG0039JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS804593	SSG0039JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS804593	SSG0039JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS804593	SSG0039JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS804593	SSG0039JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS804593	SSG0039JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS804593	SSG0039JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS804593	SSG0039JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS804593	SSG0039JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS804593	SSG0039JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS804593	SSG0039JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS804593	SSG0039JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS804593	SSG0039JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS804593	SSG0039JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS804593	SSG0039JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS804593	SSG0039JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS804593	SSG0039JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS804593	SSG0039JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS804593	SSG0039JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS804593	SSG0039JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS804593	SSG0039JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS804693	SSG0040JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS804693	SSG0040JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS804693	SSG0040JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS804693	SSG0040JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS804693	SSG0040JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS804693	SSG0040JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS804693	SSG0040JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS804693	SSG0040JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS804693	SSG0040JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS804693	SSG0040JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS804693	SSG0040JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS804693	SSG0040JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS804693	SSG0040JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS804693	SSG0040JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS804693	SSG0040JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS804693	SSG0040JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS804693	SSG0040JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS804693	SSG0040JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS804693	SSG0040JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS804693	SSG0040JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS804693	SSG0040JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS804693	SSG0040JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS804793	SSG0041JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS804793	SSG0041JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS804793	SSG0041JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS804793	SSG0041JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS804793	SSG0041JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS804793	SSG0041JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS804793	SSG0041JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS804793	SSG0041JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS804793	SSG0041JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS804793	SSG0041JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS804793	SSG0041JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%

TABLE E-76
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 144(N)
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS804793	SSG0041JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS804793	SSG0041JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS804793	SSG0041JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS804793	SSG0041JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS804793	SSG0041JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS804793	SSG0041JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS804793	SSG0041JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS804793	SSG0041JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS804793	SSG0041JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS804793	SSG0041JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS804793	SSG0041JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS804893	SSG0042JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS804893	SSG0042JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS804893	SSG0042JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS804893	SSG0042JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS804893	SSG0042JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS804893	SSG0042JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS804893	SSG0042JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS804893	SSG0042JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS804893	SSG0042JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS804893	SSG0042JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS804893	SSG0042JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS804893	SSG0042JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS804893	SSG0042JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS804893	SSG0042JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS804893	SSG0042JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS804893	SSG0042JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS804893	SSG0042JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS804893	SSG0042JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS804893	SSG0042JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS804893	SSG0042JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS804893	SSG0042JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS804893	SSG0042JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS804993	SSG0043JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS804993	SSG0043JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS804993	SSG0043JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS804993	SSG0043JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS804993	SSG0043JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS804993	SSG0043JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS804993	SSG0043JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS804993	SSG0043JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS804993	SSG0043JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS804993	SSG0043JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS804993	SSG0043JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS804993	SSG0043JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS804993	SSG0043JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS804993	SSG0043JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS804993	SSG0043JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS804993	SSG0043JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS804993	SSG0043JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS804993	SSG0043JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS804993	SSG0043JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS804993	SSG0043JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS804993	SSG0043JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS804993	SSG0043JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%

TABLE E-76
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 144(N)
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS805093	SSG0044JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS805093	SSG0044JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS805093	SSG0044JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS805093	SSG0044JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS805093	SSG0044JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS805093	SSG0044JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS805093	SSG0044JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS805093	SSG0044JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS805093	SSG0044JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS805093	SSG0044JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS805093	SSG0044JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS805093	SSG0044JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS805093	SSG0044JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS805093	SSG0044JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS805093	SSG0044JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS805093	SSG0044JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS805093	SSG0044JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS805093	SSG0044JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS805093	SSG0044JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS805093	SSG0044JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS805093	SSG0044JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS805093	SSG0044JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS805193	SSG0045JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS805193	SSG0045JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS805193	SSG0045JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS805193	SSG0045JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS805193	SSG0045JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS805193	SSG0045JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS805193	SSG0045JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS805193	SSG0045JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS805193	SSG0045JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS805193	SSG0045JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS805193	SSG0045JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS805193	SSG0045JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS805193	SSG0045JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS805193	SSG0045JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS805193	SSG0045JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS805193	SSG0045JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS805193	SSG0045JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS805193	SSG0045JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS805193	SSG0045JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS805193	SSG0045JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS805193	SSG0045JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS805193	SSG0045JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS805293	SSG0046JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS805293	SSG0046JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS805293	SSG0046JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS805293	SSG0046JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS805293	SSG0046JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS805293	SSG0046JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS805293	SSG0046JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS805293	SSG0046JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS805293	SSG0046JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS805293	SSG0046JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS805293	SSG0046JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%

TABLE E-76
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 144(N)
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS805293	SSG0046JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS805293	SSG0046JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS805293	SSG0046JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS805293	SSG0046JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS805293	SSG0046JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS805293	SSG0046JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS805293	SSG0046JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS805293	SSG0046JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS805293	SSG0046JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS805293	SSG0046JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS805293	SSG0046JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%

TABLE E-77
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 144(S)
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS805393	SSG0047JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS805393	SSG0047JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS805393	SSG0047JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS805393	SSG0047JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS805393	SSG0047JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS805393	SSG0047JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS805393	SSG0047JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS805393	SSG0047JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS805393	SSG0047JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS805393	SSG0047JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS805393	SSG0047JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS805393	SSG0047JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS805393	SSG0047JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS805393	SSG0047JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS805393	SSG0047JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS805393	SSG0047JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS805393	SSG0047JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS805393	SSG0047JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS805393	SSG0047JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS805393	SSG0047JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS805393	SSG0047JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS805393	SSG0047JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS805493	SSG0048JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS805493	SSG0048JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS805493	SSG0048JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS805493	SSG0048JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS805493	SSG0048JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS805493	SSG0048JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS805493	SSG0048JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS805493	SSG0048JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS805493	SSG0048JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS805493	SSG0048JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS805493	SSG0048JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS805493	SSG0048JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS805493	SSG0048JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS805493	SSG0048JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS805493	SSG0048JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS805493	SSG0048JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS805493	SSG0048JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS805493	SSG0048JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS805493	SSG0048JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS805493	SSG0048JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS805493	SSG0048JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS805493	SSG0048JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS805593	SSG0049JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS805593	SSG0049JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS805593	SSG0049JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS805593	SSG0049JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS805593	SSG0049JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS805593	SSG0049JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS805593	SSG0049JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS805593	SSG0049JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS805593	SSG0049JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS805593	SSG0049JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS805593	SSG0049JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%

TABLE E-77
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 144(S)
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS805593	SSG0049JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS805593	SSG0049JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS805593	SSG0049JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS805593	SSG0049JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS805593	SSG0049JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS805593	SSG0049JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS805593	SSG0049JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS805593	SSG0049JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS805593	SSG0049JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS805593	SSG0049JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS805593	SSG0049JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS805693	SSG0050JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS805693	SSG0050JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS805693	SSG0050JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS805693	SSG0050JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS805693	SSG0050JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS805693	SSG0050JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS805693	SSG0050JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS805693	SSG0050JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS805693	SSG0050JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS805693	SSG0050JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS805693	SSG0050JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS805693	SSG0050JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS805693	SSG0050JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS805693	SSG0050JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS805693	SSG0050JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS805693	SSG0050JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS805693	SSG0050JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS805693	SSG0050JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS805693	SSG0050JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS805693	SSG0050JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS805693	SSG0050JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS805693	SSG0050JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS805793	SSG0051JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS805793	SSG0051JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS805793	SSG0051JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS805793	SSG0051JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS805793	SSG0051JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS805793	SSG0051JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS805793	SSG0051JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS805793	SSG0051JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS805793	SSG0051JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS805793	SSG0051JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS805793	SSG0051JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS805793	SSG0051JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS805793	SSG0051JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS805793	SSG0051JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS805793	SSG0051JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS805793	SSG0051JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS805793	SSG0051JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS805793	SSG0051JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS805793	SSG0051JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS805793	SSG0051JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS805793	SSG0051JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS805793	SSG0051JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%

TABLE E-77
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 144(S)
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS805893	SSG0052JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS805893	SSG0052JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS805893	SSG0052JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS805893	SSG0052JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS805893	SSG0052JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS805893	SSG0052JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS805893	SSG0052JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS805893	SSG0052JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS805893	SSG0052JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS805893	SSG0052JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS805893	SSG0052JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS805893	SSG0052JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS805893	SSG0052JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS805893	SSG0052JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS805893	SSG0052JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS805893	SSG0052JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS805893	SSG0052JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS805893	SSG0052JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS805893	SSG0052JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS805893	SSG0052JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS805893	SSG0052JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS805893	SSG0052JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS805993	SSG0053JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS805993	SSG0053JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS805993	SSG0053JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS805993	SSG0053JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS805993	SSG0053JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS805993	SSG0053JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS805993	SSG0053JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS805993	SSG0053JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS805993	SSG0053JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS805993	SSG0053JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS805993	SSG0053JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS805993	SSG0053JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS805993	SSG0053JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS805993	SSG0053JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS805993	SSG0053JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS805993	SSG0053JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS805993	SSG0053JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS805993	SSG0053JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS805993	SSG0053JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS805993	SSG0053JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS805993	SSG0053JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS805993	SSG0053JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%

TABLE E-78
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 150.1
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS806093	SSG0054JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS806093	SSG0054JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS806093	SSG0054JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS806093	SSG0054JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS806093	SSG0054JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS806093	SSG0054JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS806093	SSG0054JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS806093	SSG0054JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS806093	SSG0054JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS806093	SSG0054JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS806093	SSG0054JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS806093	SSG0054JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS806093	SSG0054JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS806093	SSG0054JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS806093	SSG0054JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS806093	SSG0054JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS806093	SSG0054JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS806093	SSG0054JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS806093	SSG0054JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS806093	SSG0054JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS806093	SSG0054JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS806093	SSG0054JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS806193	SSG0055JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS806193	SSG0055JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS806193	SSG0055JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS806193	SSG0055JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS806193	SSG0055JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS806193	SSG0055JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS806193	SSG0055JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS806193	SSG0055JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS806193	SSG0055JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS806193	SSG0055JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS806193	SSG0055JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS806193	SSG0055JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS806193	SSG0055JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS806193	SSG0055JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS806193	SSG0055JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS806193	SSG0055JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS806193	SSG0055JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS806193	SSG0055JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS806193	SSG0055JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS806193	SSG0055JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS806193	SSG0055JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS806193	SSG0055JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS806293	SSG0056JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS806293	SSG0056JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS806293	SSG0056JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS806293	SSG0056JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS806293	SSG0056JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS806293	SSG0056JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS806293	SSG0056JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS806293	SSG0056JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS806293	SSG0056JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS806293	SSG0056JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS806293	SSG0056JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%

TABLE E-78
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 150.1
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS806293	SSG0056JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS806293	SSG0056JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS806293	SSG0056JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS806293	SSG0056JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS806293	SSG0056JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS806293	SSG0056JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS806293	SSG0056JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS806293	SSG0056JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS806293	SSG0056JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS806293	SSG0056JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS806293	SSG0056JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS806393	SSG0057JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS806393	SSG0057JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS806393	SSG0057JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS806393	SSG0057JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS806393	SSG0057JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS806393	SSG0057JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS806393	SSG0057JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS806393	SSG0057JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS806393	SSG0057JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS806393	SSG0057JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS806393	SSG0057JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS806393	SSG0057JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS806393	SSG0057JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS806393	SSG0057JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS806393	SSG0057JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS806393	SSG0057JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS806393	SSG0057JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS806393	SSG0057JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS806393	SSG0057JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS806393	SSG0057JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS806393	SSG0057JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS806393	SSG0057JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS806493	SSG0058JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS806493	SSG0058JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS806493	SSG0058JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS806493	SSG0058JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS806493	SSG0058JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS806493	SSG0058JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS806493	SSG0058JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS806493	SSG0058JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS806493	SSG0058JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS806493	SSG0058JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS806493	SSG0058JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS806493	SSG0058JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS806493	SSG0058JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS806493	SSG0058JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS806493	SSG0058JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS806493	SSG0058JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS806493	SSG0058JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS806493	SSG0058JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS806493	SSG0058JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS806493	SSG0058JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS806493	SSG0058JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS806493	SSG0058JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%

TABLE E-78
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 150.1
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS806593	SSG0059JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS806593	SSG0059JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS806593	SSG0059JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS806593	SSG0059JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS806593	SSG0059JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS806593	SSG0059JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS806593	SSG0059JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS806593	SSG0059JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS806593	SSG0059JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS806593	SSG0059JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS806593	SSG0059JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS806593	SSG0059JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS806593	SSG0059JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS806593	SSG0059JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS806593	SSG0059JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS806593	SSG0059JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS806593	SSG0059JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS806593	SSG0059JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS806593	SSG0059JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS806593	SSG0059JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS806593	SSG0059JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS806593	SSG0059JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS806693	SSG0060JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS806693	SSG0060JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS806693	SSG0060JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS806693	SSG0060JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS806693	SSG0060JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS806693	SSG0060JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS806693	SSG0060JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS806693	SSG0060JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS806693	SSG0060JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS806693	SSG0060JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS806693	SSG0060JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS806693	SSG0060JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS806693	SSG0060JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS806693	SSG0060JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS806693	SSG0060JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS806693	SSG0060JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS806693	SSG0060JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS806693	SSG0060JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS806693	SSG0060JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS806693	SSG0060JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS806693	SSG0060JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS806693	SSG0060JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS806793	SSG0061JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS806793	SSG0061JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS806793	SSG0061JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS806793	SSG0061JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS806793	SSG0061JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS806793	SSG0061JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS806793	SSG0061JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS806793	SSG0061JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS806793	SSG0061JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS806793	SSG0061JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS806793	SSG0061JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%

TABLE E-78
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 150.1
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS806793	SSG0061JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS806793	SSG0061JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS806793	SSG0061JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS806793	SSG0061JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS806793	SSG0061JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS806793	SSG0061JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS806793	SSG0061JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS806793	SSG0061JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS806793	SSG0061JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS806793	SSG0061JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS806793	SSG0061JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS806893	SSG0062JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS806893	SSG0062JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS806893	SSG0062JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS806893	SSG0062JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS806893	SSG0062JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS806893	SSG0062JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS806893	SSG0062JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS806893	SSG0062JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS806893	SSG0062JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS806893	SSG0062JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS806893	SSG0062JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS806893	SSG0062JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS806893	SSG0062JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS806893	SSG0062JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS806893	SSG0062JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS806893	SSG0062JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS806893	SSG0062JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS806893	SSG0062JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS806893	SSG0062JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS806893	SSG0062JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS806893	SSG0062JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS806893	SSG0062JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS806993	SSG0063JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS806993	SSG0063JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS806993	SSG0063JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS806993	SSG0063JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS806993	SSG0063JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS806993	SSG0063JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS806993	SSG0063JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS806993	SSG0063JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS806993	SSG0063JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%

TABLE E-79
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 150.3
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS807493	SSG0068JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS807493	SSG0068JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS807493	SSG0068JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS807493	SSG0068JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS807493	SSG0068JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS807493	SSG0068JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS807493	SSG0068JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS807493	SSG0068JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS807493	SSG0068JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS807493	SSG0068JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS807493	SSG0068JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS807493	SSG0068JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS807493	SSG0068JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS807493	SSG0068JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS807493	SSG0068JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS807493	SSG0068JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS807493	SSG0068JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS807493	SSG0068JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS807493	SSG0068JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS807493	SSG0068JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS807493	SSG0068JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS807493	SSG0068JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS807593	SSG0069JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS807593	SSG0069JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS807593	SSG0069JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS807593	SSG0069JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS807593	SSG0069JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS807593	SSG0069JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS807593	SSG0069JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS807593	SSG0069JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS807593	SSG0069JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS807593	SSG0069JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS807593	SSG0069JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS807593	SSG0069JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS807593	SSG0069JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS807593	SSG0069JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS807593	SSG0069JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS807593	SSG0069JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS807593	SSG0069JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS807593	SSG0069JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS807593	SSG0069JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS807593	SSG0069JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS807593	SSG0069JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS807593	SSG0069JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS807693	SSG0070JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS807693	SSG0070JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS807693	SSG0070JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS807693	SSG0070JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS807693	SSG0070JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS807693	SSG0070JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS807693	SSG0070JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS807693	SSG0070JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS807693	SSG0070JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS807693	SSG0070JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS807693	SSG0070JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%

TABLE E-79
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 150.3
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS807693	SSG0070JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS807693	SSG0070JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS807693	SSG0070JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS807693	SSG0070JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS807693	SSG0070JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS807693	SSG0070JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS807693	SSG0070JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS807693	SSG0070JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS807693	SSG0070JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS807693	SSG0070JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS807693	SSG0070JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS807793	SSG0071JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS807793	SSG0071JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS807793	SSG0071JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS807793	SSG0071JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS807793	SSG0071JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS807793	SSG0071JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS807793	SSG0071JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS807793	SSG0071JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS807793	SSG0071JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS807793	SSG0071JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS807793	SSG0071JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS807793	SSG0071JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS807793	SSG0071JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS807793	SSG0071JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS807793	SSG0071JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS807793	SSG0071JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS807793	SSG0071JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS807793	SSG0071JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS807793	SSG0071JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS807793	SSG0071JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS807793	SSG0071JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS807793	SSG0071JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS807893	SSG0072JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS807893	SSG0072JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS807893	SSG0072JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS807893	SSG0072JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS807893	SSG0072JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS807893	SSG0072JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS807893	SSG0072JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS807893	SSG0072JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS807893	SSG0072JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS807893	SSG0072JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS807893	SSG0072JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS807893	SSG0072JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS807893	SSG0072JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS807893	SSG0072JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS807893	SSG0072JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS807893	SSG0072JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS807893	SSG0072JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS807893	SSG0072JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS807893	SSG0072JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS807893	SSG0072JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS807893	SSG0072JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS807893	SSG0072JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%

TABLE E-79
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 150.3
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS807993	SSG0073JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS807993	SSG0073JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS807993	SSG0073JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS807993	SSG0073JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS807993	SSG0073JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS807993	SSG0073JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS807993	SSG0073JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS807993	SSG0073JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS807993	SSG0073JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS807993	SSG0073JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS807993	SSG0073JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS807993	SSG0073JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS807993	SSG0073JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS807993	SSG0073JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS807993	SSG0073JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS807993	SSG0073JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS807993	SSG0073JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS807993	SSG0073JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS807993	SSG0073JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS807993	SSG0073JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS807993	SSG0073JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS807993	SSG0073JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS808093	SSG0074JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS808093	SSG0074JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS808093	SSG0074JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS808093	SSG0074JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS808093	SSG0074JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS808093	SSG0074JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS808093	SSG0074JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS808093	SSG0074JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS808093	SSG0074JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS808093	SSG0074JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS808093	SSG0074JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS808093	SSG0074JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS808093	SSG0074JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS808093	SSG0074JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS808093	SSG0074JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS808093	SSG0074JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS808093	SSG0074JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS808093	SSG0074JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS808093	SSG0074JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS808093	SSG0074JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS808093	SSG0074JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS808093	SSG0074JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%

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TABLE E-80
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 150.4
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS808193	SSG0075JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS808193	SSG0075JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS808193	SSG0075JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS808193	SSG0075JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS808193	SSG0075JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS808193	SSG0075JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS808193	SSG0075JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS808193	SSG0075JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS808193	SSG0075JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS808193	SSG0075JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS808193	SSG0075JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS808193	SSG0075JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS808193	SSG0075JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS808193	SSG0075JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS808193	SSG0075JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS808193	SSG0075JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS808193	SSG0075JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS808193	SSG0075JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS808193	SSG0075JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS808193	SSG0075JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS808193	SSG0075JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS808193	SSG0075JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS808293	SSG0076JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS808293	SSG0076JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS808293	SSG0076JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS808293	SSG0076JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS808293	SSG0076JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS808293	SSG0076JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS808293	SSG0076JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS808293	SSG0076JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS808293	SSG0076JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS808293	SSG0076JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS808293	SSG0076JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS808293	SSG0076JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS808293	SSG0076JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS808293	SSG0076JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS808293	SSG0076JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS808293	SSG0076JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS808293	SSG0076JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS808293	SSG0076JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS808293	SSG0076JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS808293	SSG0076JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS808293	SSG0076JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS808293	SSG0076JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS808393	SSG0077JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS808393	SSG0077JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS808393	SSG0077JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS808393	SSG0077JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS808393	SSG0077JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS808393	SSG0077JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS808393	SSG0077JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS808393	SSG0077JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS808393	SSG0077JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS808393	SSG0077JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS808393	SSG0077JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%

TABLE E-80
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 150.4
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS808393	SSG0077JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS808393	SSG0077JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS808393	SSG0077JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS808393	SSG0077JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS808393	SSG0077JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS808393	SSG0077JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS808393	SSG0077JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS808393	SSG0077JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS808393	SSG0077JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS808393	SSG0077JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS808393	SSG0077JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS808493	SSG0078JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS808493	SSG0078JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS808493	SSG0078JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS808493	SSG0078JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS808493	SSG0078JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS808493	SSG0078JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS808493	SSG0078JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS808493	SSG0078JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS808493	SSG0078JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS808493	SSG0078JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS808493	SSG0078JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS808493	SSG0078JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS808493	SSG0078JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS808493	SSG0078JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS808493	SSG0078JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS808493	SSG0078JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS808493	SSG0078JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS808493	SSG0078JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS808493	SSG0078JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS808493	SSG0078JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS808493	SSG0078JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS808493	SSG0078JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS808593	SSG0079JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS808593	SSG0079JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS808593	SSG0079JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS808593	SSG0079JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS808593	SSG0079JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS808593	SSG0079JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS808593	SSG0079JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS808593	SSG0079JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS808593	SSG0079JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS808593	SSG0079JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS808593	SSG0079JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS808593	SSG0079JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS808593	SSG0079JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS808593	SSG0079JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS808593	SSG0079JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS808593	SSG0079JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS808593	SSG0079JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS808593	SSG0079JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS808593	SSG0079JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS808593	SSG0079JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS808593	SSG0079JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS808593	SSG0079JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%

TABLE E-81
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 150.6/150.8
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS808693	SSG0080JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS808693	SSG0080JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS808693	SSG0080JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS808693	SSG0080JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS808693	SSG0080JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS808693	SSG0080JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS808693	SSG0080JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS808693	SSG0080JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS808693	SSG0080JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS808693	SSG0080JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS808693	SSG0080JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS808693	SSG0080JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS808693	SSG0080JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS808693	SSG0080JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS808693	SSG0080JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS808693	SSG0080JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS808693	SSG0080JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS808693	SSG0080JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS808693	SSG0080JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS808693	SSG0080JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS808693	SSG0080JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS808693	SSG0080JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS808793	SSG0081JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS808793	SSG0081JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS808793	SSG0081JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS808793	SSG0081JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS808793	SSG0081JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS808793	SSG0081JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS808793	SSG0081JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS808793	SSG0081JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS808793	SSG0081JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS808793	SSG0081JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS808793	SSG0081JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS808793	SSG0081JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS808793	SSG0081JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS808793	SSG0081JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS808793	SSG0081JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS808793	SSG0081JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS808793	SSG0081JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS808793	SSG0081JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS808793	SSG0081JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS808793	SSG0081JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS808793	SSG0081JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS808793	SSG0081JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS808893	SSG0082JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS808893	SSG0082JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS808893	SSG0082JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS808893	SSG0082JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS808893	SSG0082JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS808893	SSG0082JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS808893	SSG0082JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS808893	SSG0082JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS808893	SSG0082JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS808893	SSG0082JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS808893	SSG0082JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%

TABLE E-81
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 150.6/150.8
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS808893	SSG0082JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS808893	SSG0082JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS808893	SSG0082JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS808893	SSG0082JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS808893	SSG0082JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS808893	SSG0082JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS808893	SSG0082JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS808893	SSG0082JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS808893	SSG0082JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS808893	SSG0082JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS808893	SSG0082JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS808993	SSG0083JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS808993	SSG0083JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS808993	SSG0083JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS808993	SSG0083JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS808993	SSG0083JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS808993	SSG0083JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS808993	SSG0083JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS808993	SSG0083JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS808993	SSG0083JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS808993	SSG0083JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS808993	SSG0083JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS808993	SSG0083JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS808993	SSG0083JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS808993	SSG0083JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS808993	SSG0083JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS808993	SSG0083JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS808993	SSG0083JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS808993	SSG0083JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS808993	SSG0083JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS808993	SSG0083JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS808993	SSG0083JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS808993	SSG0083JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS809093	SSG0084JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS809093	SSG0084JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS809093	SSG0084JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS809093	SSG0084JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS809093	SSG0084JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS809093	SSG0084JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS809093	SSG0084JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS809093	SSG0084JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS809093	SSG0084JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS809093	SSG0084JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS809093	SSG0084JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS809093	SSG0084JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS809093	SSG0084JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS809093	SSG0084JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS809093	SSG0084JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS809093	SSG0084JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS809093	SSG0084JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS809093	SSG0084JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS809093	SSG0084JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS809093	SSG0084JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS809093	SSG0084JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS809093	SSG0084JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%

TABLE E-81
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 150.6/150.8
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS809193	SSG0085JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS809193	SSG0085JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS809193	SSG0085JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS809193	SSG0085JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS809193	SSG0085JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS809193	SSG0085JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS809193	SSG0085JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS809193	SSG0085JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS809193	SSG0085JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS809193	SSG0085JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS809193	SSG0085JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS809193	SSG0085JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS809193	SSG0085JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS809193	SSG0085JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS809193	SSG0085JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS809193	SSG0085JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS809193	SSG0085JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS809193	SSG0085JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS809193	SSG0085JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS809193	SSG0085JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS809193	SSG0085JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS809193	SSG0085JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS809293	SSG0086JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS809293	SSG0086JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS809293	SSG0086JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS809293	SSG0086JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS809293	SSG0086JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS809293	SSG0086JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS809293	SSG0086JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS809293	SSG0086JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS809293	SSG0086JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS809293	SSG0086JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS809293	SSG0086JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS809293	SSG0086JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS809293	SSG0086JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS809293	SSG0086JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS809293	SSG0086JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS809293	SSG0086JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS809293	SSG0086JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS809293	SSG0086JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS809293	SSG0086JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS809293	SSG0086JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS809293	SSG0086JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS809293	SSG0086JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS809393	SSG0087JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS809393	SSG0087JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS809393	SSG0087JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS809393	SSG0087JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS809393	SSG0087JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS809393	SSG0087JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS809393	SSG0087JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS809393	SSG0087JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS809393	SSG0087JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS809393	SSG0087JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS809393	SSG0087JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%

TABLE E-81
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 150.6/150.8
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS809393	SSG0087JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS809393	SSG0087JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS809393	SSG0087JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS809393	SSG0087JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS809393	SSG0087JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS809393	SSG0087JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS809393	SSG0087JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS809393	SSG0087JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS809393	SSG0087JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS809393	SSG0087JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS809393	SSG0087JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS809493	SSG0088JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS809493	SSG0088JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS809493	SSG0088JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS809493	SSG0088JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS809493	SSG0088JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS809493	SSG0088JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS809493	SSG0088JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS809493	SSG0088JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS809493	SSG0088JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS809493	SSG0088JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS809493	SSG0088JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS809493	SSG0088JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS809493	SSG0088JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS809493	SSG0088JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS809493	SSG0088JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS809493	SSG0088JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS809493	SSG0088JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS809493	SSG0088JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS809493	SSG0088JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS809493	SSG0088JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS809493	SSG0088JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS809493	SSG0088JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS809593	SSG0089JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS809593	SSG0089JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS809593	SSG0089JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS809593	SSG0089JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS809593	SSG0089JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS809593	SSG0089JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS809593	SSG0089JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS809593	SSG0089JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS809593	SSG0089JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%

TABLE E-82
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 151
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS810193	SSG0095JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS810193	SSG0095JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS810193	SSG0095JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS810193	SSG0095JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS810193	SSG0095JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS810193	SSG0095JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS810193	SSG0095JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS810193	SSG0095JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS810193	SSG0095JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS810193	SSG0095JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS810193	SSG0095JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS810193	SSG0095JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS810193	SSG0095JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS810193	SSG0095JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS810193	SSG0095JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS810193	SSG0095JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS810193	SSG0095JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS810193	SSG0095JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS810193	SSG0095JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS810193	SSG0095JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS810193	SSG0095JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS810193	SSG0095JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS810293	SSG0096JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS810293	SSG0096JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS810293	SSG0096JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS810293	SSG0096JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS810293	SSG0096JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS810293	SSG0096JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS810293	SSG0096JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS810293	SSG0096JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS810293	SSG0096JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS810293	SSG0096JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS810293	SSG0096JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS810293	SSG0096JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS810293	SSG0096JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS810293	SSG0096JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS810293	SSG0096JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS810293	SSG0096JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS810293	SSG0096JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS810293	SSG0096JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS810293	SSG0096JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS810293	SSG0096JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS810293	SSG0096JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS810293	SSG0096JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS810393	SSG0097JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS810393	SSG0097JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS810393	SSG0097JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS810393	SSG0097JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS810393	SSG0097JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS810393	SSG0097JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS810393	SSG0097JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS810393	SSG0097JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS810393	SSG0097JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS810393	SSG0097JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS810393	SSG0097JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%

TABLE E-82
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 151
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS810393	SSG0097JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS810393	SSG0097JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS810393	SSG0097JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS810393	SSG0097JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS810393	SSG0097JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS810393	SSG0097JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS810393	SSG0097JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS810393	SSG0097JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS810393	SSG0097JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS810393	SSG0097JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS810393	SSG0097JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS810493	SSG0098JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS810493	SSG0098JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS810493	SSG0098JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS810493	SSG0098JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS810493	SSG0098JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS810493	SSG0098JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS810493	SSG0098JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS810493	SSG0098JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS810493	SSG0098JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS810493	SSG0098JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS810493	SSG0098JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS810493	SSG0098JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS810493	SSG0098JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS810493	SSG0098JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS810493	SSG0098JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS810493	SSG0098JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS810493	SSG0098JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS810493	SSG0098JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS810493	SSG0098JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS810493	SSG0098JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS810493	SSG0098JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS810493	SSG0098JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS810593	SSG0099JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS810593	SSG0099JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS810593	SSG0099JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS810593	SSG0099JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS810593	SSG0099JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS810593	SSG0099JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS810593	SSG0099JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS810593	SSG0099JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS810593	SSG0099JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS810593	SSG0099JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS810593	SSG0099JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS810593	SSG0099JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS810593	SSG0099JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS810593	SSG0099JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS810593	SSG0099JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS810593	SSG0099JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS810593	SSG0099JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS810593	SSG0099JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS810593	SSG0099JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS810593	SSG0099JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS810593	SSG0099JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS810593	SSG0099JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%

TABLE E-83
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 163.1
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS810693	SSG0100JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS810693	SSG0100JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS810693	SSG0100JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS810693	SSG0100JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS810693	SSG0100JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS810693	SSG0100JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS810693	SSG0100JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS810693	SSG0100JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS810693	SSG0100JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS810693	SSG0100JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS810693	SSG0100JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS810693	SSG0100JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS810693	SSG0100JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS810693	SSG0100JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS810693	SSG0100JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS810693	SSG0100JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS810693	SSG0100JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS810693	SSG0100JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS810693	SSG0100JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS810693	SSG0100JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS810693	SSG0100JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS810693	SSG0100JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS810693	SSG0100JE	TPH8015A	DIESEL FUEL	25 mg/kg	10 mg/kg	60%
SS810793	SSG0101JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS810793	SSG0101JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS810793	SSG0101JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS810793	SSG0101JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS810793	SSG0101JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS810793	SSG0101JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS810793	SSG0101JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS810793	SSG0101JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS810793	SSG0101JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS810793	SSG0101JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS810793	SSG0101JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS810793	SSG0101JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS810793	SSG0101JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS810793	SSG0101JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS810793	SSG0101JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS810793	SSG0101JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS810793	SSG0101JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS810793	SSG0101JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS810793	SSG0101JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS810793	SSG0101JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS810793	SSG0101JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS810793	SSG0101JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS810793	SSG0101JE	TPH8015A	DIESEL FUEL	25 mg/kg	10 mg/kg	60%
SS810893	SSG0102JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS810893	SSG0102JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS810893	SSG0102JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS810893	SSG0102JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS810893	SSG0102JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS810893	SSG0102JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS810893	SSG0102JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS810893	SSG0102JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS810893	SSG0102JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%

TABLE E-83
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 163.1
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS810893	SSG0102JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS810893	SSG0102JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS810893	SSG0102JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS810893	SSG0102JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS810893	SSG0102JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS810893	SSG0102JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS810893	SSG0102JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS810893	SSG0102JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS810893	SSG0102JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS810893	SSG0102JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS810893	SSG0102JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS810893	SSG0102JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS810893	SSG0102JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS810893	SSG0102JE	TPH8015A	DIESEL FUEL	25 mg/kg	10 mg/kg	60%
SS810993	SSG0103JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS810993	SSG0103JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS810993	SSG0103JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS810993	SSG0103JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS810993	SSG0103JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS810993	SSG0103JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS810993	SSG0103JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS810993	SSG0103JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS810993	SSG0103JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS810993	SSG0103JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS810993	SSG0103JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS810993	SSG0103JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS810993	SSG0103JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS810993	SSG0103JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS810993	SSG0103JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS810993	SSG0103JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS810993	SSG0103JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS810993	SSG0103JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS810993	SSG0103JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS810993	SSG0103JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS810993	SSG0103JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS810993	SSG0103JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS810993	SSG0103JE	TPH8015A	DIESEL FUEL	25 mg/kg	10 mg/kg	60%
SS811093	SSG0104JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS811093	SSG0104JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS811093	SSG0104JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS811093	SSG0104JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS811093	SSG0104JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS811093	SSG0104JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS811093	SSG0104JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS811093	SSG0104JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS811093	SSG0104JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS811093	SSG0104JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS811093	SSG0104JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS811093	SSG0104JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS811093	SSG0104JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS811093	SSG0104JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS811093	SSG0104JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS811093	SSG0104JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS811093	SSG0104JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS811093	SSG0104JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%

TABLE E-83
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 163.1
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS811093	SSG0104JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS811093	SSG0104JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS811093	SSG0104JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS811093	SSG0104JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS811093	SSG0104JE	TPH8015A	DIESEL FUEL	25 mg/kg	10 mg/kg	60%
SS811193	SSG0105JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS811193	SSG0105JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS811193	SSG0105JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS811193	SSG0105JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS811193	SSG0105JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS811193	SSG0105JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS811193	SSG0105JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS811193	SSG0105JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS811193	SSG0105JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS811193	SSG0105JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS811193	SSG0105JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS811193	SSG0105JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS811193	SSG0105JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS811193	SSG0105JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS811193	SSG0105JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS811193	SSG0105JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS811193	SSG0105JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS811193	SSG0105JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS811193	SSG0105JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS811193	SSG0105JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS811193	SSG0105JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS811193	SSG0105JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS811193	SSG0105JE	TPH8015A	DIESEL FUEL	25 mg/kg	10 mg/kg	60%
SS811293	SSG0106JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS811293	SSG0106JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS811293	SSG0106JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS811293	SSG0106JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS811293	SSG0106JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS811293	SSG0106JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS811293	SSG0106JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS811293	SSG0106JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS811293	SSG0106JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS811293	SSG0106JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS811293	SSG0106JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS811293	SSG0106JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS811293	SSG0106JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS811293	SSG0106JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS811293	SSG0106JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS811293	SSG0106JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS811293	SSG0106JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS811293	SSG0106JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS811293	SSG0106JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS811293	SSG0106JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS811293	SSG0106JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS811293	SSG0106JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS811293	SSG0106JE	TPH8015A	DIESEL FUEL	25 mg/kg	10 mg/kg	60%
SS811393	SSG0107JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS811393	SSG0107JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS811393	SSG0107JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS811393	SSG0107JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%

TABLE E-83
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 163.1
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS811393	SSG0107JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS811393	SSG0107JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS811393	SSG0107JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS811393	SSG0107JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS811393	SSG0107JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS811393	SSG0107JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS811393	SSG0107JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS811393	SSG0107JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS811393	SSG0107JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS811393	SSG0107JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS811393	SSG0107JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS811393	SSG0107JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS811393	SSG0107JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS811393	SSG0107JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS811393	SSG0107JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS811393	SSG0107JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS811393	SSG0107JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS811393	SSG0107JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS811393	SSG0107JE	TPH8015A	DIESEL FUEL	25 mg/kg	10 mg/kg	60%
SS811493	SSG0108JE	TRADS	AMERICIUM-241	0.06 PCI/G	0.02 PCI/G	67%
SS811493	SSG0108JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS811493	SSG0108JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS811493	SSG0108JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS811493	SSG0108JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS811493	SSG0108JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS811493	SSG0108JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS811493	SSG0108JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS811493	SSG0108JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS811493	SSG0108JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS811493	SSG0108JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS811493	SSG0108JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS811493	SSG0108JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS811493	SSG0108JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS811493	SSG0108JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS811493	SSG0108JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS811493	SSG0108JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS811493	SSG0108JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS811493	SSG0108JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS811493	SSG0108JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS811493	SSG0108JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS811493	SSG0108JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS811493	SSG0108JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%

TABLE E-84
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 172
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS811593	SSG0109JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS811593	SSG0109JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS811593	SSG0109JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS811593	SSG0109JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS811593	SSG0109JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS811593	SSG0109JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS811593	SSG0109JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS811593	SSG0109JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS811593	SSG0109JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS811593	SSG0109JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS811593	SSG0109JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS811593	SSG0109JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS811593	SSG0109JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS811593	SSG0109JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS811593	SSG0109JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS811593	SSG0109JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS811593	SSG0109JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS811593	SSG0109JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS811593	SSG0109JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS811593	SSG0109JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS811593	SSG0109JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS811593	SSG0109JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%

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TABLE E-85
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 173
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS811893	SSG0110JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS811893	SSG0110JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS811893	SSG0110JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS811893	SSG0110JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS811893	SSG0110JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS811893	SSG0110JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS811893	SSG0110JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS811893	SSG0110JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS811893	SSG0110JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS811893	SSG0110JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS811893	SSG0110JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS811893	SSG0110JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS811893	SSG0110JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS811893	SSG0110JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS811893	SSG0110JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS811893	SSG0110JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS811893	SSG0110JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS811893	SSG0110JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS811893	SSG0110JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS811893	SSG0110JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS811893	SSG0110JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS811893	SSG0110JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS811993	SSG0111JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS811993	SSG0111JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS811993	SSG0111JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS811993	SSG0111JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS811993	SSG0111JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS811993	SSG0111JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS811993	SSG0111JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS811993	SSG0111JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS811993	SSG0111JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS811993	SSG0111JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS811993	SSG0111JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS811993	SSG0111JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS811993	SSG0111JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS811993	SSG0111JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS811993	SSG0111JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS811993	SSG0111JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS811993	SSG0111JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS811993	SSG0111JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS811993	SSG0111JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS811993	SSG0111JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS811993	SSG0111JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS811993	SSG0111JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS812093	SSG0112JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS812093	SSG0112JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS812093	SSG0112JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS812093	SSG0112JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS812093	SSG0112JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS812093	SSG0112JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS812093	SSG0112JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS812093	SSG0112JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS812093	SSG0112JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS812093	SSG0112JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS812093	SSG0112JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%

TABLE E-85
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 173
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS812093	SSG0112JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS812093	SSG0112JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS812093	SSG0112JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS812093	SSG0112JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS812093	SSG0112JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS812093	SSG0112JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS812093	SSG0112JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS812093	SSG0112JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS812093	SSG0112JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS812093	SSG0112JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS812093	SSG0112JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%

TABLE E-86
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 188
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS812193	SSG0113JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS812193	SSG0113JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS812193	SSG0113JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS812193	SSG0113JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS812193	SSG0113JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS812193	SSG0113JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS812193	SSG0113JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS812193	SSG0113JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS812193	SSG0113JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS812193	SSG0113JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS812193	SSG0113JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS812193	SSG0113JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS812193	SSG0113JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS812193	SSG0113JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS812193	SSG0113JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS812193	SSG0113JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS812193	SSG0113JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS812193	SSG0113JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS812193	SSG0113JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS812193	SSG0113JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS812193	SSG0113JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS812193	SSG0113JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS812293	SSG0114JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS812293	SSG0114JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS812293	SSG0114JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS812293	SSG0114JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS812293	SSG0114JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS812293	SSG0114JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS812293	SSG0114JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS812293	SSG0114JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS812293	SSG0114JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS812293	SSG0114JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS812293	SSG0114JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS812293	SSG0114JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS812293	SSG0114JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS812293	SSG0114JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS812293	SSG0114JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS812293	SSG0114JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS812293	SSG0114JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS812293	SSG0114JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS812293	SSG0114JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS812293	SSG0114JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS812293	SSG0114JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS812293	SSG0114JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS812393	SSG0115JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS812393	SSG0115JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS812393	SSG0115JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS812393	SSG0115JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS812393	SSG0115JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS812393	SSG0115JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS812393	SSG0115JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS812393	SSG0115JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS812393	SSG0115JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS812393	SSG0115JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS812393	SSG0115JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%

TABLE E-86
OU8 Surface-Soil Samples
Summary of Elevated Detection Limits IHSS 188
Rocky Flats Environmental Technology Site

Location	Sample Number	Test Group	Analyte	Real Detection Limit	Required Detection Limit	% Deviation
SS812393	SSG0115JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS812393	SSG0115JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS812393	SSG0115JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS812393	SSG0115JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS812393	SSG0115JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS812393	SSG0115JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS812393	SSG0115JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS812393	SSG0115JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS812393	SSG0115JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS812393	SSG0115JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS812393	SSG0115JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS812493	SSG0116JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS812493	SSG0116JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS812493	SSG0116JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS812493	SSG0116JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS812493	SSG0116JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS812493	SSG0116JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS812493	SSG0116JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS812493	SSG0116JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS812493	SSG0116JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS812493	SSG0116JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS812493	SSG0116JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS812493	SSG0116JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS812493	SSG0116JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS812493	SSG0116JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS812493	SSG0116JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS812493	SSG0116JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS812493	SSG0116JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS812493	SSG0116JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS812493	SSG0116JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS812493	SSG0116JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS812493	SSG0116JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS812493	SSG0116JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%
SS812593	SSG0117JE	SMETCLP	ALUMINUM	200 mg/kg	40 mg/kg	80%
SS812593	SSG0117JE	SMETCLP	ANTIMONY	60 mg/kg	12 mg/kg	80%
SS812593	SSG0117JE	SMETCLP	ARSENIC	10 mg/kg	2 mg/kg	80%
SS812593	SSG0117JE	SMETCLP	BARIUM	200 mg/kg	40 mg/kg	80%
SS812593	SSG0117JE	SMETCLP	BERYLLIUM	5 mg/kg	1 mg/kg	80%
SS812593	SSG0117JE	SMETCLP	CADMIUM	5 mg/kg	1 mg/kg	80%
SS812593	SSG0117JE	SMETCLP	CALCIUM	5000 mg/kg	1000 mg/kg	80%
SS812593	SSG0117JE	SMETCLP	CHROMIUM	10 mg/kg	2 mg/kg	80%
SS812593	SSG0117JE	SMETCLP	COBALT	50 mg/kg	10 mg/kg	80%
SS812593	SSG0117JE	SMETCLP	COPPER	25 mg/kg	5 mg/kg	80%
SS812593	SSG0117JE	SMETCLP	IRON	100 mg/kg	20 mg/kg	80%
SS812593	SSG0117JE	SMETCLP	LEAD	3 mg/kg	1 mg/kg	67%
SS812593	SSG0117JE	METADD	LITHIUM	100 mg/kg	20 mg/kg	80%
SS812593	SSG0117JE	SMETCLP	MAGNESIUM	5000 mg/kg	2000 mg/kg	60%
SS812593	SSG0117JE	SMETCLP	MANGANESE	15 mg/kg	3 mg/kg	80%
SS812593	SSG0117JE	SMETCLP	NICKEL	40 mg/kg	8 mg/kg	80%
SS812593	SSG0117JE	SMETCLP	POTASSIUM	5000 mg/kg	2000 mg/kg	60%
SS812593	SSG0117JE	SMETCLP	SILVER	10 mg/kg	2 mg/kg	80%
SS812593	SSG0117JE	SMETCLP	SODIUM	5000 mg/kg	2000 mg/kg	60%
SS812593	SSG0117JE	SMETCLP	THALLIUM	10 mg/kg	2 mg/kg	80%
SS812593	SSG0117JE	SMETCLP	VANADIUM	50 mg/kg	10 mg/kg	80%
SS812593	SSG0117JE	SMETCLP	ZINC	20 mg/kg	4 mg/kg	80%

TABLE A

HPGe DETECTOR RESULTS FOR ALL ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE OPERABLE UNITS

OU	IHSS Number	File Name	Detector Array	Detector Height (m)	FOV m	Station	North feet	East feet	K-40 pCi/g	% Error	MDA pCi/g	Ra-226 pCi/g	% Error	MDA pCi/g	Th-232 pCi/g	% Error	MDA pCi/g	U-238 pCi/g	% Error	MDA pCi/g	U-235 pCi/g	% Error	MDA pCi/g	Cs-137 pCi/g	% Error	MDA pCi/g	Am-241 pCi/g	% Error	MDA pCi/g	Pu-239 nCi/g	% Error	MDA nCi/g	Exposure uR/h	% FOV Blocked
1	130	35.chn	1A66F	6.5	44	D03	7E+05	2E+06	12.4	0.4	0.1	1.37	0.5	0.02	1.19	0.6	0.02	1.9	11.2	0.6	0.04	9.0	0.01	0.11	2.9	0.01	0.0		0.0	0.0		0.0	8.0	0
1	130	32chn	1A66F	6.5	44	E03	7E+05	2E+06	14.5	0.4	0.2	1.09	0.6	0.02	1.36	0.6	0.02	1.4	15.3	0.6	0.07	8.0	0.02	0.10	3.4	0.01	0.0		0.0	0.7	29.5	0.6	8.4	0
1	130	36.chn	1A66F	6.5	44	F03	7E+05	2E+06	12.0	0.4	0.1	0.99	0.6	0.02	1.05	0.7	0.02	1.5	13.2	0.6	0.05	9.0	0.01	0.22	1.6	0.01	0.0		0.0	0.0		0.0	7.2	0
1	130	31.chn	1A66F	6.5	44	D04	7E+05	2E+06	9.2	0.5	0.1	1.01	0.6	0.02	0.96	0.7	0.02	1.6	11.6	0.6	0.06	8.0	0.01	0.18	1.8	0.01	0.2	23.4	0.1	0.0		0.0	6.3	0
1	130	30.chn	1A66F	6.5	44	E04	7E+05	2E+06	12.7	0.4	0.2	1.20	0.6	0.02	1.26	0.6	0.02	1.5	13.5	0.6	0.05	8.0	0.01	0.08	3.8	0.01	0.4	10.9	0.1	0.0		0.0	8.2	0
1	130	39.chn	1A66F	6.5	44	F04	7E+05	2E+06	11.7	0.4	0.1	0.85	0.7	0.02	1.16	0.6	0.02	1.6	12.7	0.6	0.08	8.0	0.02	0.33	1.2	0.01	0.1	31.8	0.1	0.0		0.0	7.0	0
1	130	42.chn	1A66F	6.5	44	D05	7E+05	2E+06	8.0	0.5	0.1	0.87	0.7	0.02	0.89	0.7	0.02	1.8	7.3	0.4	0.06	8.0	0.01	0.19	1.7	0.01	0.2	20.6	0.1	0.0		0.0	5.7	0
1	119.1	14.chn	1A66F	6.5	44	E05	7E+05	2E+06	10.9	0.5	0.2	0.69	0.9	0.02	1.03	0.7	0.02	1.7	11.4	0.6	0.06	10.0	0.02	0.16	2.1	0.01	0.3	12.9	0.1	0.0		0.0	8.2	0
1	119.1	8.chn	1A66F	6.5	44	F05	7E+05	2E+06	11.1	0.4	0.1	0.70	0.8	0.02	1.10	0.6	0.02	1.7	11.3	0.6	0.07	8.0	0.02	0.32	1.2	0.01	0.0		0.0	0.0		0.0	6.6	0
1	119.1	43.chn	1A66F	6.5	44	D06	7E+05	2E+06	10.3	0.5	0.2	0.93	0.7	0.02	1.00	0.7	0.02	1.5	12.4	0.6	0.08	7.0	0.02	0.30	1.3	0.01	0.0		0.0	0.0		0.0	6.6	0
1	119.1	10.chn	1A66F	6.5	44	E06	7E+05	2E+06	11.2	0.4	0.1	0.92	0.7	0.02	1.29	0.6	0.02	3.5	5.9	0.6	0.11	6.0	0.02	0.17	2.0	0.01	0.0		0.0	0.0		0.0	7.5	0
1	119.1	9.chn	1A66F	6.5	44	F06	7E+05	2E+06	13.4	0.4	0.2	0.84	0.7	0.02	1.31	0.6	0.02	2.0	10.4	0.6	0.10	7.0	0.02	0.18	2.0	0.01	0.2	17.2	0.1	0.0		0.0	7.8	0
1	119.1	47.chn	1A66F	6.5	44	D07	7E+05	2E+06	11.0	0.4	0.1	1.07	0.6	0.02	1.08	0.6	0.02	1.8	11.0	0.6	0.08	7.0	0.02	0.28	1.3	0.01	0.1	32.1	0.1	0.0		0.0	7.0	0
1	119.1	11.chn	1A66F	6.5	44	E07	7E+05	2E+06	12.6	0.4	0.2	0.84	0.7	0.02	1.45	0.5	0.02	2.1	9.7	0.6	0.11	6.0	0.02	0.22	1.7	0.01	0.1	33.0	0.1	0.0		0.0	9.9	0
1	119.1	17.chn	1A66F	6.5	44	D08	7E+05	2E+06	10.8	0.5	0.2	0.78	0.8	0.02	0.96	1.2	0.03	1.2	15.5	0.6	0.08	8.0	0.02	0.34	1.2	0.01	0.2	17.1	0.1	0.0		0.0	6.3	0
1	119.1	15.chn	1A66F	6.5	44	E08	7E+05	2E+06	13.4	0.4	0.2	0.94	0.7	0.02	1.51	0.5	0.02	2.0	10.3	0.6	0.10	7.0	0.02	0.26	1.5	0.01	0.0	19.2	0.0	0.0		0.0	8.3	0
1	119.2	44.chn	1A66F	6.5	44	D09	7E+05	2E+06	12.5	0.4	0.2	0.98	0.7	0.02	1.28	0.6	0.02	1.6	12.7	0.6	0.09	7.0	0.02	0.43	1.0	0.01	0.5	8.9	0.1	0.0		0.0	7.8	0
1	119.1	48.chn	1A66F	6.5	44	E09	7E+05	2E+06	12.8	0.4	0.2	1.10	0.6	0.02	1.28	0.6	0.02	1.8	11.3	0.6	0.06	8.0	0.01	0.30	1.3	0.01	0.3	16.9	0.1	0.0		0.0	8.0	0
1	119.2	21.chn	1A66F	6.5	44	D10	7E+05	2E+06	11.1	0.4	0.1	0.78	0.8	0.02	1.16	0.6	0.02	1.4	13.4	0.6	0.06	9.0	0.02	0.35	1.1	0.01	0.5	8.6	0.1	0.0		0.0	6.7	0
1	119.2	22.chn	1A66F	6.5	44	C11	7E+05	2E+06	17.3	0.4	0.2	0.75	0.8	0.02	0.92	0.7	0.02	1.5	13.8	0.6	0.05	11.0	0.02	0.10	3.3	0.01	0.0		0.0	0.0		0.0	10.1	0
1	119.2	24.chn	1A66F	6.5	44	D11	7E+05	2E+06	16.0	0.4	0.2	0.96	0.7	0.02	1.28	0.6	0.02	1.5	14.2	0.6	0.08	8.0	0.02	0.35	1.2	0.01	0.3	14.2	0.1	0.0		0.0	12.6	0
1	119.2	23.chn	1A66F	6.5	44	C12	7E+05	2E+06	14.6	0.4	0.2	0.79	0.8	0.02	1.09	0.7	0.02	1.3	15.5	0.6	0.07	9.0	0.02	0.22	1.7	0.01	0.7	6.7	0.1	0.0		0.0	10.7	0
1	119.1	201.chn	6A6	0.8493	11	10A	7E+05	2E+06	11.5	0.4	0.1	0.81	0.6	0.01	1.18	0.4	0.01	1.7	8.6	0.4	0.10	3.9	0.01	0.17	1.7	0.01	47.6	0.1	0.1	0.0			7.9	0
1	119.1	202.chn	6A6	0.7223	11	10B	7E+05	2E+06	12.0	0.4	0.1	0.84	0.6	0.02	1.26	0.4	0.02	9.7	1.7	0.5	0.83	0.8	0.02	0.13	2.1	0.01	0.1	48.0	0.1	0.0			7.9	0
1	119.1	203.chn	6A6	0.925	11	10C	7E+05	2E+06	13.2	0.3	0.1	0.86	0.6	0.02	1.36	0.4	0.02	3.0	3.7	0.3	0.44	1.4	0.02	0.12	2.3	0.01	0.2	11.8	0.1	0.0			8.2	0
1	119.2	206.chn	6A6	0.937	11	10D	7E+05	2E+06	13.2	0.3	0.1	0.76	0.6	0.01	1.00	0.5	0.01	1.3	11.5	0.4	0.04	6.3	0.01	0.40	0.8	0.01	2.2	1.3	0.1	0.0			6.9	0
2	153	120.chn	4A6	6.5	44	1	7E+05	2E+06	9.9	0.4	0.1	0.66	0.7	0.01	0.95	0.6	0.02	3.9	3.2	0.4	0.10	6.0	0.02	0.15	1.9	0.01	0.7	5.4	0.1	0.0		0.0	5.8	0
2	113	122.chn	4A6	6.5	44	3	7E+05	2E+06	9.0	0.5	0.1	0.58	0.8	0.01	0.81	0.7	0.02	5.0	2.5	0.4	0.14	5.0	0.02	0.17	1.6	0.01	1.4	2.6	0.1	0.0		0.0	5.3	0
2	113	121.chn	4A6	6.5	44	2	7E+05	2E+06	9.5	0.4	0.1	0.66	0.7	0.01	0.82	0.7	0.02	1.7	6.7	0.3	0.06	8.0	0.01	0.18	1.6	0.01	0.4	8.1	0.1	0.0		0.0	5.6	0
2		267.chn	45	7.5	53	K-2	7E+05	2E+06	13.9	3.4	1.4	1.13	4.9	0.17	1.74	3.7	0.19	0.0		4.1	0.00		0.00	0.41	9.0	0.11	8.5	4.4	1.1	0.0		0.0	8.9	0
2		292.chn	45	7.5	53	L-2	7E+05	2E+06	12.9	3.5	1.4	1.11	4.9	0.16	1.73	3.7	0.19	0.0		4.1	0.21	27.1	0.17	0.52	7.4	0.12	3.0	11.7	1.0	0.0		0.0	9.1	0
2		293.chn	45	7.5	53	M-2	7E+05	2E+06	14.4	3.3	1.4	1.07	5.0	0.16	1.44	4.1	0.18	0.0		4.1	0.26	23.3	0.18	0.33	10.2	0.10	1.7	18.6	1.0	0.0		0.0	8.4	0
2	108	123.chn	4A6	6.5	44	4	7E+05	2E+06	11.3	0.4	0.1	0.60	0.8	0.01	0.90	0.6	0.02	1.6	7.7	0.4	0.07	8.0	0.02	0.11	2.4	0.01	5.3	0.8	0.1	0.0		0.0	6.0	0
2		227.chn	45	7.5	53	I-1	7E+05	2E+06	13.4	3.4	1.4	1.13	4.9	0.17	1.67	3.8	0.19	0.0		0.0	0.21	27.8	0.18	0.56	7.2	0.12	30.2	1.6	1.4	0.0		0.0	9.1	0
2		257.chn	45	7.5	53	J-1	7E+05	2E+06	11.4	3.6	1.2	1.20	4.5	0.16	1.52	3.8	0.17	0.0		0.0	0.00		0.00	0.54	6.9	0.11	24.9	1.8	1.3	0.0		0.0	8.4	0
2		258.chn	45	7.5	53	K-1	7E+05	2E+06	11.7	3.7	1.3	1.16	4.8	0.17	1.63	3.7	0.18	0.0		0.0	0.00		0.00	0.62	6.5	0.12	15.0	2.7	1.2	0.0		0.0	8.8	0
2		298.chn	45	7.5	53	L-1	7E+05	2E+06	10.6	3.9	1.2	1.01	5.1	0.15	1.56	3.8	0.18	0.0		0.0	0.00		0.00	0.51	7.4	0.11	4.3	8.0	1.0	0.0		0.0	8.2	0
2		299.chn	45	7.5	53	M-1	7E+05	2E+06	10.8	3.8	1.2	1.31	4.2	0.17	1.70	3.6	0.18	0.0		0.0	0.00		0.00	0.47	8.2	0.11	2.0	16.6	1.0	0.0		0.0	9.3	0
2		124.chn	4A6	6.5	44	5	7E+05	2E+06	20.2	0.3	0.2	0.75	0.8	0.02	1.20	0.6	0.02	2.1	7.1	0.4	0.06	9.0	0.02	0.05	6.2	0.01	1.4	2.9	0.1	0.0		0.0	8.9	0
2		90.chn	45	7.5	53	A1	7E+05	2E+06	13.1	3.4	1.3	0.82	6.1	0.15	1.18	4.6	0.16	0.0		4.1	0.00		0.00	0.28	11.4	0.10	0.9	32.3	0.9	0.0		0.0	7.2	0
2		82.chn	45	7.5	53	B1	7E+05	2E+06	15.9	3.1	1.5	0.92	5.6	0.15	1.14	4.7	0.16	0.0		4.1	0.00		0.00	0.15	18.3	0.08	1.0	28.2	0.9	0.0		0.0	7.9	0
2		100.chn	45	7.5	53	C1	7E+05	2E+06	18.5	2.9	1.6	1.06	5.1	0.16	1.39	4.2	0.18	0.0		4.1	0.00		0.00	0.08	32.5	0.08	0.0		0.0	0.0		0.0	8.1	0
2		101.chn	45	7.5	53	C1	7E+05	2E+06	23.7	3.4	2.4	1.30	6.8	0.27	1.63	5.6	0.27	0.0		4.1	0.00		0.00	0.00		0.10	0.0		0.0	0.0		0.0	8.1	0
2		109.chn	45	7.5	53	D1	7E+05	2E+06	22.9	2.6	1.8	1.08	5.2	0.17	1.66	3.8	0.19	0.0		4.1	0.00		0.00	0.00		0.10	0.0		0.0	0.0		0.0	10.3	0
2		113.chn	45	7.5	53	E1	7E+05	2E+06	21.5	2.7	1.7	1.15	5.1	0.18	1.53	4.1	0.19	0.0		4.1	0.00		0.00	0.00		0.10	0.0		0.0	0.0		0.0	10.1	0
2		178.chn	45	7.5	53	F1	7E+05	2E+06	14.6	3.3	1.4	1.20	4.5	0.16	1.20	4.7	0.17	0.0		4.1	0.14	33.0	0.13	0.24	13.0	0.09	17.1	2.4	1.2	0.0		0.0	8.0	0
2		179.chn	45	7.5	19.4	F1	7E+05	2E+06	14.1	4.4	1.9	1.35	5.6	0.23	1.24	6.3	0.23	0.0		4.1	0.00		0.00	0.41	12.2	0.15	20.6	2.5	1.5	0.0		0.0	8.0	0
2		183.chn	45	7.5	53	G1	7E+05	2E+06	7.7	4.5	1.0	0.77	5.7	0.13	1.01	4.9	0.15	0.0		4.1	0.16	31.5	0.15	0.54	6.7	0.11	84.7	0.8	2.0	0.0		0.0	6.1	0
2		213.chn	45	7.5	19.4	G1	7E+05	2E+06	6.4	6.7	1.3	0.73	8.0	0.18	1.02	6.6	0.20	0.0		4.1	0.00		0.00	0.58	8.4	0.15	105.0	0.9	2.8	0.0		0.0	6.1	0

PRELIMINARY DRAFT

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OU	IHSS Number	File Name	Detector Array	Detector Height (m)	FOV m	Station	North feet	East feet	K-40 pCi/g	% Error	MDA pCi/g	Ra-226 pCi/g	% Error	MDA pCi/g	Th-232 pCi/g	% Error	MDA pCi/g	U-238 pCi/g	% Error	MDA pCi/g	U-235 pCi/g	% Error	MDA pCi/g	Cs-137 pCi/g	% Error	MDA pCi/g	Am-241 pCi/g	% Error	MDA pCi/g	Pu-239 nCi/g	% Error	MDA nCi/g	Exposure uR/h	% FOV Blocked
2		320.chn	45	7.5	53	G1	7E+05	2E+06	8.1	1.3	0.3	0.82	1.7	0.04	1.00	1.5	0.04	2.1	15.5	1.0	0.07	15.7	0.03	0.56	1.9	0.03	78.4	0.2	0.5	0.0	0.0	0.0	6.9	0
2		211.chn	45	7.5	53	H1	7E+05	2E+06	12.8	3.5	1.3	1.04	5.0	0.16	1.42	4.0	0.17	5.1	28.5	4.3	0.00		0.00	0.49	7.7	0.11	40.1	1.3	1.6	0.0	0.0	0.0	7.7	0
2		212.chn	45	7.5	19.4	H1	7E+05	2E+06	12.2	4.7	1.7	0.88	7.8	0.21	1.30	6.1	0.24	0.0		4.1	0.00		0.00	0.47	11.0	0.15	36.4	1.8	2.0	0.0	0.0	0.0	7.7	0
2		215.chn	45	7.5	53	I1	7E+05	2E+06	12.2	3.6	1.3	0.96	5.5	0.16	1.69	3.5	0.18	0.0		4.1	0.00		0.00	0.60	6.5	0.12	26.1	1.8	1.4	0.0	0.0	0.0	8.7	0
2		214.chn	45	7.5	19.4	I1	7E+05	2E+06	11.2	4.9	1.6	0.89	8.2	0.22	1.67	5.2	0.26	0.0		4.1	0.00		0.00	0.52	10.5	0.16	22.3	2.5	1.7	0.0	0.0	0.0	8.7	0
2		256.chn	45	7.5	53	J1	7E+05	2E+06	12.4	3.6	1.3	1.30	4.4	0.17	1.76	3.6	0.19	0.0		4.1	0.00		0.00	0.60	6.8	0.12	18.7	2.3	1.3	0.0	0.0	0.0	9.0	0
2		259.chn	45	7.5	53	K1	7E+05	2E+06	10.5	3.9	1.2	1.08	4.9	0.16	1.65	3.6	0.18	0.0		4.1	0.00		0.00	0.56	6.6	0.11	11.7	3.3	1.2	0.0	0.0	0.0	8.1	0
2		297.chn	45	7.5	53	L1	7E+05	2E+06	13.6	3.4	1.4	1.23	4.7	0.17	2.19	3.1	0.20	0.0		4.1	0.00		0.00	0.54	7.7	0.13	5.5	6.8	1.1	0.0	0.0	0.0	10.9	0
2		300.chn	45	7.5	53	M1	7E+05	2E+06	13.4	3.4	1.4	1.63	3.8	0.19	2.11	3.3	0.21	0.0		4.1	0.21	25.5	0.16	0.47	8.0	0.11	3.0	11.8	1.1	0.0	0.0	0.0	10.9	0
2		91.chn	45	7.5	53	A2	7E+05	2E+06	9.4	4.1	1.2	0.94	5.1	0.14	1.20	4.5	0.16	0.0		4.1	0.00		0.00	0.50	7.0	0.10	1.4	21.5	0.9	0.0	0.0	0.0	6.3	0
2		83.chn	45	7.5	53	B2	7E+05	2E+06	9.9	4.0	1.2	0.71	6.4	0.14	1.04	4.7	0.15	0.0		4.1	0.00		0.00	0.53	6.9	0.11	2.9	10.5	0.9	0.0	0.0	0.0	5.9	0
2		102.chn	45	7.5	53	C2	7E+05	2E+06	12.0	3.6	1.3	0.82	5.9	0.15	1.10	4.7	0.16	0.0		4.1	0.00		0.00	0.25	11.8	0.09	1.4	20.8	0.9	0.0	0.0	0.0	6.3	0
2		110.chn	45	7.5	53	D2	7E+05	2E+06	14.4	3.2	1.4	1.03	4.9	0.15	1.11	4.7	0.16	0.0		4.1	0.00		0.00	0.41	8.4	0.10	7.4	4.6	1.0	0.0	0.0	0.0	7.2	0
2		114.chn	45	7.5	53	E2	7E+05	2E+06	19.8	2.8	1.7	1.15	4.9	0.17	1.36	4.3	0.18	0.0		4.1	0.00		0.00	0.17	18.2	0.10	2.0	16.2	1.0	0.0	0.0	0.0	9.1	0
2		177.chn	45	7.5	53	F2	7E+05	2E+06	10.8	3.7	1.2	0.99	5.0	0.15	1.25	4.3	0.16	0.0		4.1	0.00		0.00	0.51	7.0	0.11	33.2	1.4	1.4	0.0	0.0	0.0	7.3	0
2		182.chn	45	7.5	53	G2	7E+05	2E+06	10.8	3.8	1.2	0.80	5.8	0.14	1.25	4.3	0.16	0.0		4.1	0.00		0.00	0.40	8.1	0.10	28.3	1.6	1.4	0.0	0.0	0.0	6.7	0
2		210.chn	45	7.5	53	H2	7E+05	2E+06	13.8	3.3	1.4	1.05	5.1	0.16	1.52	3.9	0.18	0.0		4.1	0.00		0.00	0.52	7.4	0.12	28.7	1.6	1.4	0.0	0.0	0.0	8.9	0
2		218.chn	45	7.5	53	I2	7E+05	2E+06	11.6	3.7	1.3	1.11	4.8	0.16	1.37	4.3	0.18	0.0		4.1	0.00		0.00	0.54	7.2	0.12	15.9	2.6	1.2	0.0	0.0	0.0	7.2	0
2		228.chn	45	7.5	53	I2	7E+05	2E+06	12.0	3.6	1.3	1.23	4.4	0.16	1.46	4.0	0.18	6.2	23.7	4.4	0.00		0.00	0.59	6.6	0.12	16.2	2.6	1.3	0.0	0.0	0.0	8.6	0
2		255.chn	45	7.5	53	J2	7E+05	2E+06	12.0	3.6	1.3	1.19	4.6	0.16	1.47	4.1	0.18	0.0		4.1	0.00		0.00	0.61	6.7	0.12	16.7	2.5	1.3	0.0	0.0	0.0	8.7	0
2		260.chn	45	7.5	53	K2	7E+05	2E+06	11.0	3.8	1.3	1.09	4.8	0.16	1.45	4.1	0.18	0.0		4.1	0.00		0.00	0.57	6.8	0.12	12.0	3.2	1.2	0.0	0.0	0.0	8.1	0
2		296.chn	45	7.5	53	L2	7E+05	2E+06	9.9	4.0	1.2	0.87	5.7	0.15	1.38	4.0	0.17	0.0		4.1	0.00		0.00	0.52	6.7	0.11	4.6	7.5	1.0	0.0	0.0	0.0	6.8	0
2		301.chn	45	7.5	53	M2	7E+05	2E+06	10.5	3.9	1.2	1.36	4.1	0.17	1.36	4.1	0.17	0.0		4.1	0.00		0.00	0.45	8.0	0.11	3.1	10.9	1.0	0.0	0.0	0.0	8.2	0
2		92.chn	45	7.5	53	A3	7E+05	2E+06	9.2	4.2	1.2	0.86	5.5	0.14	1.19	4.4	0.16	0.0		4.1	0.23	22.8	0.16	0.55	6.4	0.11	1.9	15.8	0.9	0.0	0.0	0.0	6.0	0
2		84.chn	45	7.5	53	B3	7E+05	2E+06	8.3	4.4	1.1	0.68	6.4	0.13	1.01	4.7	0.14	0.0		4.1	0.00		0.00	0.35	8.9	0.09	2.9	10.1	0.9	0.0	0.0	0.0	5.0	0
2		103.chn	45	7.5	53	C3	7E+05	2E+06	10.8	3.8	1.2	0.83	5.6	0.14	1.03	4.9	0.15	0.0		4.1	0.00		0.00	0.39	8.2	0.10	2.7	11.3	0.9	0.0	0.0	0.0	6.0	0
2		111.chn	45	7.5	53	D3	7E+05	2E+06	9.7	4.0	1.2	0.99	4.9	0.15	1.07	4.8	0.15	0.0		4.1	0.00		0.00	0.63	6.0	0.11	14.3	2.7	1.2	0.0	0.0	0.0	6.3	0
2		115.chn	45	7.5	53	E3	7E+05	2E+06	14.8	3.2	1.4	0.97	5.2	0.15	1.20	4.4	0.16	0.0		4.1	0.17	28.3	0.15	0.31	10.3	0.10	10.5	3.5	1.1	0.0	0.0	0.0	7.5	0
2		176.chn	45	7.5	53	F3	7E+05	2E+06	8.8	4.2	1.1	1.01	4.8	0.15	1.20	4.3	0.15	0.0		4.1	0.00		0.00	0.60	6.2	0.11	19.9	2.0	1.2	0.0	0.0	0.0	6.2	0
2		184.chn	45	7.5	53	G3	7E+05	2E+06	17.1	3.0	1.5	1.31	4.6	0.18	2.05	3.3	0.20	0.0		4.1	0.00		0.00	0.25	13.8	0.10	8.5	4.4	1.1	0.0	0.0	0.0	10.8	0
2		209.chn	45	7.5	53	H3	7E+05	2E+06	13.1	3.4	1.3	1.10	4.8	0.16	1.41	4.1	0.17	0.0		4.1	0.00		0.00	0.41	8.7	0.11	14.2	2.8	1.2	0.0	0.0	0.0	7.7	0
2		219.chn	45	7.5	53	I3	7E+05	2E+06	13.8	3.4	1.4	1.25	4.5	0.17	1.63	3.8	0.19	0.0		4.1	0.00		0.00	0.57	7.1	0.12	14.0	2.9	1.2	0.0	0.0	0.0	8.8	0
2		229.chn	45	7.5	53	I3	7E+05	2E+06	12.8	3.5	1.3	1.24	4.5	0.17	1.64	3.8	0.19	0.0		4.1	0.00		0.00	0.60	6.6	0.12	13.5	3.0	1.2	0.0	0.0	0.0	8.3	0
2		254.chn	45	7.5	53	J3	7E+05	2E+06	11.0	3.8	1.3	1.15	4.7	0.16	1.43	4.0	0.17	0.0		4.1	0.00		0.00	0.68	6.0	0.12	12.1	3.2	1.2	0.0	0.0	0.0	7.8	0
2		261.chn	45	7.5	53	K3	7E+05	2E+06	11.4	3.8	1.3	1.26	4.5	0.17	1.78	3.5	0.19	0.0		4.1	0.00		0.00	0.57	6.9	0.12	9.0	4.2	1.1	0.0	0.0	0.0	8.9	0
2		287.chn	45	7.5	53	L3	7E+05	2E+06	12.0	3.6	1.3	1.23	4.6	0.17	1.71	3.6	0.18	0.0		4.1	0.20	27.8	0.16	0.54	7.2	0.12	5.4	6.7	1.1	0.0	0.0	0.0	8.6	0
2		302.chn	45	7.5	53	M3	7E+05	2E+06	11.6	3.7	1.3	1.43	4.1	0.18	1.48	4.0	0.18	0.0		4.1	0.18	27.2	0.15	0.47	7.7	0.11	2.9	11.7	1.0	0.0	0.0	0.0	8.2	0
2		93.chn	45	7.5	53	A4	7E+05	2E+06	7.6	4.5	1.0	0.89	5.0	0.13	1.09	4.6	0.15	0.0		4.1	0.00		0.00	0.65	5.8	0.11	2.2	13.5	0.9	0.0	0.0	0.0	5.6	0
2		85.chn	45	7.5	53	B4	7E+05	2E+06	8.4	4.3	1.1	0.75	5.8	0.13	0.97	4.9	0.14	0.0		4.1	0.00		0.00	0.54	6.3	0.10	2.4	12.2	0.9	0.0	0.0	0.0	4.8	0
2		104.chn	45	7.5	53	C4	7E+05	2E+06	12.8	3.5	1.3	0.85	5.5	0.14	1.02	5.1	0.16	4.2	27.5	3.5	0.00		0.00	0.35	9.0	0.09	1.7	17.2	0.9	0.0	0.0	0.0	6.3	0
2		112.chn	45	7.5	53	D4	7E+05	2E+06	12.9	3.5	1.4	1.24	4.3	0.16	1.20	4.5	0.16	0.0		4.1	0.00		0.00	0.37	8.9	0.10	5.1	6.4	1.0	0.0	0.0	0.0	7.6	0
2		152.chn	45	7.5	53	E4	7E+05	2E+06	9.3	4.1	1.1	0.94	5.0	0.14	1.09	4.6	0.15	0.0		4.1	0.00		0.00	0.64	5.9	0.11	20.4	2.0	1.2	0.0	0.0	0.0	5.9	0
2		175.chn	45	7.5	53	F4	7E+05	2E+06	10.0	3.9	1.2	1.04	4.7	0.15	1.24	4.2	0.16	0.0		4.1	0.21	23.4	0.15	0.53	6.7	0.11	19.7	2.1	1.2	0.0	0.0	0.0	6.6	0
2		185.chn	45	7.5	53	G4	7E+05	2E+06	12.1	3.6	1.3	0.99	5.2	0.15	1.42	4.0	0.17	0.0		4.1	0.00		0.00	0.65	6.2	0.12	35.4	1.4	1.5	0.0	0.0	0.0	7.9	0
2		208.chn	45	7.5	53	H4	7E+05	2E+06	16.8	3.0	1.5	1.13	4.9	0.17	1.69	3.8	0.19	0.0		4.1	0.00		0.00	0.30	11.2	0.10	7.9	4.6	1.1	0.0	0.0	0.0	9.2	0
2		220.chn	45	7.5	53	I4	7E+05	2E+06	17.7	3.0	1.6	1.32	4.5	0.18	1.55	4.1	0.19	0.0		4.1	0.00		0.00	0.23	14.0	0.10	2.1	15.8	1.0	0.0	0.0	0.0	9.3	0
2		230.chn	45	7.5	53	I4	7E+05	2E+06	18.9	2.8	1.6	1.55	4.0	0.19	1.57	4.0	0.19	5.0	30.4	4.5	0.00		0.00	0.25	13.4	0.10	2.0	16.5	1.0	0.0	0.0	0.0	9.9	0
2		253.chn	45	7.5	53	J4	7E+05	2E+06	13.3	3.4	1.4	1.17	4.8	0.17	1.76	3.6	0.19	0.0		4.1	0.00		0.00	0.62	6.7	0.13	8.3	4.5	1.1	0.0	0.0	0.0	9.2	0
2		262.chn	45	7.5	53	K4	7E+05	2E+06	11.9	3.6	1.3	1.03	5.1	0.16	1.75	3.5	0.18	0.0		4.1	0.00		0.00	0.52	7.5	0.12	6.2	5.8	1.1	0.0	0.0	0.0	8.2	0

PRELIMINARY DRAFT

OU	IHSS Number	File Name	Detector Array	Detector Height (m)	FOV m	Station	North feet	East feet	K-40 pCi/g	% Error	MDA pCi/g	Ra-226 pCi/g	% Error	MDA pCi/g	Th-232 pCi/g	% Error	MDA pCi/g	U-238 pCi/g	% Error	MDA pCi/g	U-235 pCi/g	% Error	MDA pCi/g	Cs-137 pCi/g	% Error	MDA pCi/g	Am-241 pCi/g	% Error	MDA pCi/g	Pu-239 nCi/g	% Error	MDA nCi/g	Exposure uR/h	% FOV Blocked
2		286.chn	45	7.5	53	L4	7E+05	2E+06	11.3	3.8	1.3	1.13	4.8	0.16	1.65	3.8	0.19	0.0		4.1	0.00		0.00	0.53	7.3	0.12	5.1	6.9	1.0	0.0		0.0	8.5	0
2		303.chn	45	7.5	53	M4	7E+05	2E+06	12.7	3.5	1.3	1.62	3.8	0.18	1.67	3.8	0.19	0.0		4.1	0.00		0.00	0.38	9.7	0.11	2.6	13.2	1.0	0.0		0.0	9.4	0
2		94.chn	45	7.5	53	A5	7E+05	2E+06	7.2	4.8	1.0	0.86	5.3	0.14	1.03	4.8	0.15	0.0		4.1	0.00		0.00	0.67	5.7	0.11	2.2	13.4	0.9	0.0		0.0	5.4	0
2		88.chn	45	7.5	53	B5	7E+05	2E+06	8.9	4.1	1.1	0.69	6.2	0.13	1.01	4.7	0.14	0.0		4.1	0.00		0.00	0.37	8.8	0.10	1.2	22.9	0.9	0.0		0.0	5.4	0
2		107.chn	45	7.5	53	C5	7E+05	2E+06	15.6	3.1	1.5	0.91	5.4	0.15	1.24	4.3	0.16	0.0		4.1	0.00		0.00	0.23	12.2	0.08	1.5	19.1	0.9	0.0		0.0	7.1	0
2		116.chn	45	7.5	53	D5	7E+05	2E+06	11.7	3.6	1.3	0.87	5.3	0.14	1.01	5.0	0.15	0.0		4.1	0.00		0.00	0.34	9.3	0.09	5.9	5.4	1.0	0.0		0.0	6.0	0
2		153.chn	45	7.5	53	E5	7E+05	2E+06	8.3	4.4	1.1	1.02	4.7	0.14	1.15	4.4	0.15	4.5	28.2	3.8	0.00		0.00	0.65	5.8	0.11	18.5	2.1	1.2	0.0		0.0	6.2	0
2		174.chn	45	7.5	53	F5	7E+05	2E+06	9.4	4.1	1.2	0.99	4.9	0.15	1.22	4.4	0.16	0.0		4.1	0.00		0.00	0.61	6.2	0.11	19.7	2.1	1.2	0.0		0.0	6.4	0
2		186.chn	45	7.5	53	G5	7E+05	2E+06	10.3	3.8	1.2	0.93	5.4	0.15	1.34	4.2	0.17	0.0		4.1	0.00		0.00	0.47	7.4	0.10	18.1	2.2	1.2	0.0		0.0	7.0	0
2		207.chn	45	7.5	53	H5	7E+05	2E+06	17.2	3.0	1.5	1.20	4.7	0.17	1.69	3.8	0.19	0.0		4.1	0.18	30.2	0.16	0.28	12.0	0.10	4.1	8.3	1.0	0.0		0.0	9.8	0
2		221.chn	45	7.5	53	I5	7E+05	2E+06	14.7	3.3	1.5	1.28	4.5	0.17	1.57	4.0	0.19	0.0		4.1	0.18	29.9	0.16	0.47	8.3	0.12	6.1	6.0	1.1	0.0		0.0	8.5	0
2		231.chn	45	7.5	53	I5	7E+05	2E+06	14.9	3.3	1.5	1.46	4.1	0.18	1.65	3.8	0.19	0.0		4.1	0.25	22.8	0.17	0.49	7.8	0.11	6.0	6.0	1.1	0.0		0.0	9.8	0
2		252.chn	45	7.5	53	J5	7E+05	2E+06	13.8	3.4	1.4	1.27	4.7	0.18	1.84	3.6	0.20	0.0		4.1	0.00		0.00	0.39	6.8	0.12	5.6	6.4	1.1	0.0		0.0	9.6	0
2		263.chn	45	7.5	53	K5	7E+05	2E+06	10.0	4.0	1.2	1.02	4.9	0.15	1.40	4.1	0.17	0.0		4.1	0.00		0.00	0.55	7.0	0.12	5.7	6.0	1.0	0.0		0.0	6.8	0
2		285.chn	45	7.5	53	L5	7E+05	2E+06	11.9	3.6	1.3	1.22	4.6	0.17	1.78	3.5	0.19	0.0		4.1	0.00		0.00	0.62	6.5	0.12	4.7	7.4	1.1	0.0		0.0	9.0	0
2		304.chn	45	7.5	53	M5	7E+05	2E+06	13.3	3.5	1.4	1.60	3.8	0.18	1.93	3.4	0.20	0.0		4.1	0.16	30.2	0.14	0.38	9.8	0.11	2.8	12.2	1.0	0.0		0.0	10.2	0
2		95.chn	45	7.5	53	A6	7E+05	2E+06	9.1	4.1	1.1	0.79	5.7	0.13	1.04	4.8	0.15	0.0		4.1	0.00		0.00	0.54	6.6	0.11	1.6	18.1	0.9	0.0		0.0	5.7	0
2		89.chn	45	7.5	53	B6	7E+05	2E+06	11.2	3.7	1.2	0.85	5.4	0.14	1.04	4.9	0.15	0.0		4.1	0.00		0.00	0.33	9.4	0.09	1.3	21.7	0.8	0.0		0.0	6.3	0
2		108.chn	45	7.5	53	C6	7E+05	2E+06	19.1	2.9	1.7	1.01	5.1	0.15	1.24	4.5	0.17	0.0		4.1	0.00		0.00	0.12	23.4	0.09	0.0		0.0	0.0		0.0	8.5	0
2		151.chn	45	7.5	53	D6	7E+05	2E+06	8.9	4.2	1.1	0.90	5.1	0.14	1.07	4.6	0.15	0.0		4.1	0.20	25.3	0.15	0.67	5.8	0.12	10.4	3.3	1.0	0.0		0.0	5.8	0
2		154.chn	45	7.5	53	E6	7E+05	2E+06	7.4	4.7	1.0	0.99	4.8	0.14	1.08	4.6	0.15	0.0		4.1	0.00		0.00	0.78	5.1	0.12	13.7	2.7	1.1	0.0		0.0	5.9	0
2		171.chn	45	7.5	53	F6	7E+05	2E+06	8.8	4.3	1.1	0.89	5.4	0.14	1.12	4.7	0.16	0.0		4.1	0.00		0.00	0.51	7.3	0.11	10.8	3.4	1.1	0.0		0.0	5.6	0
2		187.chn	45	7.5	53	G6	7E+05	2E+06	11.0	3.8	1.3	0.92	5.2	0.14	1.21	4.3	0.16	0.0		4.1	0.00		0.00	0.62	6.1	0.11	19.3	2.1	1.2	0.0		0.0	6.6	0
2		206.chn	45	7.5	53	H6	7E+05	2E+06	12.6	3.5	1.3	1.22	4.5	0.16	1.43	4.1	0.18	0.0		4.1	0.17	30.4	0.15	0.51	7.2	0.11	10.6	3.5	1.1	0.0		0.0	8.2	0
2		222.chn	45	7.5	53	I6	7E+05	2E+06	12.9	3.5	1.4	1.17	4.8	0.17	1.41	4.1	0.17	0.0		4.1	0.16	31.2	0.15	0.55	7.0	0.12	6.5	5.5	1.1	0.0		0.0	7.9	0
2		232.chn	45	7.5	53	I6	7E+05	2E+06	12.1	3.6	1.3	1.42	4.1	0.17	1.38	4.2	0.17	0.0		4.1	0.00		0.00	0.52	7.4	0.12	6.4	5.5	1.1	0.0		0.0	8.6	0
2		251.chn	45	7.5	53	J6	7E+05	2E+06	13.5	3.4	1.4	1.31	4.4	0.17	1.77	3.6	0.19	1.3	4.4	0.2	0.24	24.2	0.17	0.53	7.3	0.12	4.9	7.1	1.0	0.0		0.0	9.3	0
2		264.chn	45	7.5	53	K6	7E+05	2E+06	11.1	3.7	1.2	1.02	5.1	0.16	1.64	3.7	0.18	0.0		4.1	0.00		0.00	0.49	7.6	0.11	3.9	8.9	1.0	0.0		0.0	8.1	0
2		284.chn	45	7.5	53	L6	7E+05	2E+06	12.1	3.6	1.3	1.10	5.0	0.17	1.73	3.7	0.19	0.0		4.1	0.16	33.0	0.16	0.53	7.4	0.12	3.3	10.3	1.0	0.0		0.0	9.0	0
2		305.chn	45	7.5	53	M6	7E+05	2E+06	12.1	3.6	1.3	1.39	4.2	0.18	1.71	3.6	0.18	0.0		4.1	0.00		0.00	0.32	10.1	0.10	2.0	16.6	1.0	0.0		0.0	9.5	0
2		96.chn	45	7.5	53	A7	7E+05	2E+06	9.1	4.1	1.1	0.84	5.4	0.14	1.12	4.5	0.15	0.0		4.1	0.00		0.00	0.65	5.9	0.12	1.7	16.7	0.9	0.0		0.0	6.1	0
2		99.chn	45	7.5	53	B7	7E+05	2E+06	11.2	3.8	1.3	0.83	5.9	0.15	1.07	4.7	0.15	0.0		4.1	0.00		0.00	0.38	8.9	0.10	1.4	20.1	0.9	0.0		0.0	6.4	0
2		132.chn	45	7.5	53	C7	7E+05	2E+06	11.2	3.7	1.2	1.22	4.2	0.15	1.00	5.1	0.15	0.0		4.1	0.00		0.00	0.30	10.4	0.09	1.5	19.1	0.9	0.0		0.0	6.1	0
2		150.chn	45	7.5	53	D7	7E+05	2E+06	8.4	4.3	1.1	0.98	4.8	0.14	1.09	4.5	0.15	0.0		4.1	0.00		0.00	0.59	6.3	0.11	6.2	5.3	1.0	0.0		0.0	6.1	0
2		155.chn	45	7.5	53	E7	7E+05	2E+06	8.6	4.2	1.1	0.98	4.7	0.14	1.12	4.6	0.15	0.0		4.1	0.00		0.00	0.64	6.0	0.11	8.4	4.1	1.0	0.0		0.0	6.0	0
2		170.chn	45	7.5	53	F7	7E+05	2E+06	12.1	3.6	1.3	1.01	4.9	0.15	1.35	4.1	0.17	0.0		4.1	0.00		0.00	0.33	10.3	0.10	4.3	7.5	1.0	0.0		0.0	7.1	0
2		188.chn	45	7.5	53	G7	7E+05	2E+06	9.9	3.9	1.2	0.92	5.2	0.14	1.27	4.3	0.16	0.0		4.1	0.00		0.00	0.74	5.3	0.12	18.9	2.1	1.2	0.0		0.0	6.5	0
2		205.chn	45	7.5	53	H7	7E+05	2E+06	11.3	3.8	1.3	1.19	4.5	0.16	1.39	4.1	0.17	0.0		4.1	0.00		0.00	0.67	6.0	0.12	14.2	2.7	1.2	0.0		0.0	7.9	0
2		223.chn	45	7.5	53	I7	7E+05	2E+06	10.6	3.8	1.2	1.03	5.1	0.16	1.27	4.4	0.17	0.0		4.1	0.00		0.00	0.58	7.0	0.12	8.0	4.5	1.1	0.0		0.0	7.0	0
2		233.chn	45	7.5	53	I7	7E+05	2E+06	11.2	3.8	1.3	1.31	4.2	0.17	1.16	4.8	0.17	0.0		4.1	0.00		0.00	0.62	6.4	0.12	7.8	4.6	1.1	0.0		0.0	8.0	0
2		250.chn	45	7.5	53	J7	7E+05	2E+06	11.3	3.7	1.3	1.20	4.5	0.16	1.56	3.8	0.18	0.0		4.1	0.00		0.00	0.59	6.5	0.12	4.6	7.5	1.0	0.0		0.0	8.5	0
2		265.chn	45	7.5	53	K7	7E+05	2E+06	12.7	3.5	1.3	1.14	4.6	0.16	1.72	3.6	0.19	0.0		4.1	0.00		0.00	0.31	10.8	0.10	1.5	20.8	1.0	0.0		0.0	8.6	0
2		283.chn	45	7.5	53	L7	7E+05	2E+06	13.8	3.4	1.4	1.19	4.7	0.17	1.66	3.8	0.19	0.0		4.1	0.00		0.00	0.26	12.3	0.09	1.1	29.0	1.0	0.0		0.0	8.9	0
2		306.chn	45	7.5	53	M7	7E+05	2E+06	13.7	3.4	1.4	1.30	4.4	0.17	1.46	4.2	0.18	0.0		4.1	0.00		0.00	0.18	16.4	0.09	0.0		0.0	0.0		0.0	8.6	0
2		97.chn	45	7.5	53	A8	7E+05	2E+06	8.4	4.4	1.1	0.75	5.9	0.13	0.96	5.0	0.14	0.0		4.1	0.00		0.00	0.48	6.9	0.10	1.1	25.4	0.8	0.0		0.0	5.4	0
2		117.chn	45	7.5	53	B8	7E+05	2E+06	17.8	2.9	1.5	0.86	6.0	0.16	1.31	4.4	0.17	0.0		4.1	0.00		0.00	0.19	15.9	0.09	0.0		0.0	0.0		0.0	8.6	0
2		133.chn	45	7.5	53	C8	7E+05	2E+06	9.0	4.1	1.1	1.18	4.2	0.15	1.08	4.7	0.15	0.0		4.1	0.00		0.00	0.62	6.1	0.11	5.4	6.0	1.0	0.0		0.0	6.3	0
2		149.chn	45	7.5	53	D8	7E+05	2E+06	8.6	4.3	1.1	0.93	5.0	0.14	1.13	4.5	0.15	0.0		4.1	0.00		0.00	0.72	5.5	0.12	10.3	3.3	1.0	0.0		0.0	5.9	0
2		156.chn	45	7.5	53	E8	7E+05	2E+06	10.2	3.9	1.2	0.94	5.1	0.14	1.19	4.3	0.15	0.0		4.1	0.00		0.00	0.54	6.7	0.11	6.3	5.1	1.0	0.0		0.0	6.4	0

OU	IHSS Number	File Name	Detector Array	Detector Height (m)	FOV m	Station	North feet	East feet	K-40 pCi/g	% Error	MDA pCi/g	Ra-226 pCi/g	% Error	MDA pCi/g	Th-232 pCi/g	% Error	MDA pCi/g	U-238 pCi/g	% Error	MDA pCi/g	U-235 pCi/g	% Error	MDA pCi/g	Cs-137 pCi/g	% Error	MDA pCi/g	Am-241 pCi/g	% Error	MDA pCi/g	Pu-239 nCi/g	% Error	MDA nCi/g	Exposure uR/h	% FOV Blocked
2		169.chn	45	7.5	53	F8	7E+05	2E+06	15.0	3.2	1.4	1.11	4.8	0.16	1.65	3.6	0.18	0.0		4.1	0.19	27.6	0.16	0.25	13.0	0.10	1.2	25.4	0.9	0.0		0.0	8.0	0
2		189.chn	45	7.5	53	G8	7E+05	2E+06	13.0	3.4	1.3	0.83	5.8	0.14	1.13	4.7	0.16	0.0		4.1	0.00		0.00	0.17	16.0	0.08	0.9	34.0	0.9	0.0		0.0	7.0	0
2		204.chn	45	7.5	53	H8	7E+05	2E+06	15.1	3.2	1.4	1.07	4.7	0.15	1.27	4.4	0.17	0.0		4.1	0.00		0.00	0.18	15.6	0.08	1.3	23.9	0.9	0.0		0.0	7.6	0
2		224.chn	45	7.5	53	I8	7E+05	2E+06	11.8	3.7	1.3	1.04	5.0	0.16	1.38	4.1	0.17	0.0		4.1	0.00		0.00	0.57	6.6	0.11	5.3	6.5	1.0	0.0		0.0	7.2	0
2		234.chn	45	7.5	53	I8	7E+05	2E+06	12.0	3.6	1.3	1.28	4.2	0.16	1.28	4.5	0.17	0.0		4.1	0.00		0.00	0.50	7.4	0.11	5.5	6.2	1.0	0.0		0.0	7.7	0
2		249.chn	45	7.5	53	J8	7E+05	2E+06	11.3	3.7	1.3	1.05	4.9	0.15	1.33	4.2	0.17	0.0		4.1	0.00		0.00	0.49	7.2	0.11	3.7	8.9	1.0	0.0		0.0	7.1	0
2		266.chn	45	7.5	53	K8	7E+05	2E+06	11.7	3.7	1.3	1.01	5.2	0.16	1.63	3.7	0.18	0.0		4.1	0.00		0.00	0.51	7.3	0.11	2.7	12.2	1.0	0.0		0.0	8.3	0
2		282.chn	45	7.5	53	L8	7E+05	2E+06	13.1	3.5	1.4	1.22	4.6	0.17	1.73	3.6	0.19	0.0		4.1	0.00		0.00	0.49	7.7	0.11	2.5	13.4	1.0	0.0		0.0	9.5	0
2		307.chn	45	7.5	53	M8	7E+05	2E+06	12.0	3.6	1.3	1.19	4.6	0.16	1.36	4.2	0.17	0.0		4.1	0.21	25.0	0.16	0.24	13.1	0.10	0.0		0.0	0.0		0.0	7.4	0
2		98.chn	45	7.5	53	A9	7E+05	2E+06	12.1	3.6	1.3	0.85	5.6	0.14	1.14	4.6	0.16	0.0		4.1	0.00		0.00	0.23	13.2	0.09				0.0		0.0	6.2	0
2		131.chn	45	7.5	53	B9	7E+05	2E+06	9.9	3.9	1.2	1.11	4.5	0.15	1.07	4.8	0.15	0.0		4.1	0.00		0.00	0.60	6.3	0.11	2.4	12.7	0.9	0.0		0.0	6.7	0
2		134.chn	45	7.5	53	C9	7E+05	2E+06	8.4	4.3	1.1	1.07	4.5	0.14	1.05	4.7	0.15	0.0		4.1	0.00		0.00	0.66	5.8	0.12	5.0	6.3	0.9	0.0		0.0	6.2	0
2		148.chn	45	7.5	53	D9	7E+05	2E+06	7.6	4.6	1.0	0.87	5.3	0.14	1.13	4.5	0.15	0.0		4.1	0.00		0.00	0.73	5.3	0.12	8.0	4.1	1.0	0.0		0.0	5.8	0
2		157.chn	45	7.5	53	E9	7E+05	2E+06	8.5	4.3	1.1	0.97	5.0	0.15	1.24	4.3	0.16	0.0		4.1	0.00		0.00	0.66	5.8	0.12	6.9	4.8	1.0	0.0		0.0	6.5	0
2		168.chn	45	7.5	53	F9	7E+05	2E+06	17.3	3.0	1.6	1.18	4.7	0.17	1.67	3.8	0.19	0.0		4.1	0.00		0.00	0.23	13.9	0.10	0.0		0.0	0.0		0.0	9.7	0
2		190.chn	45	7.5	53	G9	7E+05	2E+06	14.1	3.3	1.4	0.82	5.7	0.14	1.16	4.7	0.16	0.0		4.1	0.00		0.00	0.00		0.10	0.0		0.0	0.0		0.0	6.9	0
2		203.chn	45	7.5	53	H9	7E+05	2E+06	17.5	2.9	1.5	1.18	4.7	0.17	1.48	4.1	0.18	0.0		4.1	0.00		0.00	0.08	32.0	0.08	0.0		0.0	0.0		0.0	8.2	0
2		235.chn	45	7.5	53	I9	7E+05	2E+06	11.5	3.7	1.3	1.18	4.5	0.16	1.29	4.3	0.17	0.0		4.1	0.00		0.00	0.37	9.2	0.10	3.2	10.2	1.0	0.0		0.0	7.4	0
2		248.chn	45	7.5	53	J9	7E+05	2E+06	10.8	3.8	1.2	0.90	5.6	0.15	1.31	4.1	0.16	0.0		4.1	0.18	29.4	0.16	0.54	7.0	0.11	3.9	8.3	1.0	0.0		0.0	7.0	0
2		270.chn	45	7.5	53	K9	7E+05	2E+06	9.9	4.0	1.2	0.87	5.6	0.15	1.40	4.0	0.17	0.0		4.1	0.00		0.00	0.50	7.2	0.11	2.9	11.0	1.0	0.0		0.0	6.7	0
2		281.chn	45	7.5	53	L9	7E+05	2E+06	12.4	3.6	1.3	1.13	4.8	0.16	1.61	3.7	0.18	6.2	23.6	4.4	0.19	28.4	0.16	0.58	6.7	0.12	2.4	13.7	1.0	0.0		0.0	8.5	0
2		308.chn	45	7.5	53	M9	7E+05	2E+06	11.1	3.8	1.3	1.20	4.4	0.16	1.31	4.3	0.17	0.0		4.1	0.20	25.7	0.15	0.23	13.8	0.09	0.8	42.0	1.0	0.0		0.0	7.7	0
2		118.chn	45	7.5	53	A10	7E+05	2E+06	17.8	2.9	1.5	0.91	5.8	0.16	1.33	4.3	0.17	0.0		4.1	0.00		0.00	0.29	11.1	0.10	1.0	29.7	0.9	0.0		0.0	8.3	0
2		130.chn	45	7.5	53	B10	7E+05	2E+06	7.9	4.5	1.1	1.10	4.5	0.15	1.07	4.6	0.15	0.0		4.1	0.00		0.00	0.82	4.9	0.12	3.7	8.2	0.9	0.0		0.0	6.0	0
2		135.chn	45	7.5	53	C10	7E+05	2E+06	8.3	4.4	1.1	0.84	5.3	0.13	1.11	4.5	0.15	0.0		4.1	0.23	21.7	0.15	0.55	6.8	0.11	3.2	9.2	0.9	0.0		0.0	5.4	0
2		147.chn	45	7.5	53	D10	7E+05	2E+06	7.4	4.6	1.0	0.82	5.5	0.14	1.18	4.3	0.15	0.0		4.1	0.00		0.00	0.76	5.1	0.12	6.1	5.2	1.0	0.0		0.0	6.1	0
2		158.chn	45	7.5	53	E10	7E+05	2E+06	7.9	4.5	1.1	0.91	5.1	0.14	1.02	4.8	0.15	0.0		4.1	0.00		0.00	0.83	5.0	0.12	8.5	4.0	1.0	0.0		0.0	6.1	0
2		165.chn	45	7.5	53	F10	7E+05	2E+06	16.0	3.1	1.5	1.14	4.8	0.16	1.67	3.6	0.18	4.9	29.0	4.3	0.33	18.1	0.18	0.25	13.9	0.10	2.0	15.2	0.9	0.0		0.0	9.2	0
2		191.chn	45	7.5	53	G10	7E+05	2E+06	12.4	3.5	1.3	0.71	6.5	0.14	1.12	4.7	0.16	0.0		4.1	0.00		0.00	0.14	18.0	0.08	0.0		0.0	0.0		0.0	6.0	0
2		202.chn	45	7.5	53	H10	7E+05	2E+06	12.1	3.6	1.3	0.96	5.3	0.15	1.27	4.3	0.16	5.5	25.3	4.2	0.00		0.00	0.25	11.9	0.09	1.3	23.4	0.9	0.0		0.0	7.4	0
2		236.chn	45	7.5	53	I10	7E+05	2E+06	11.4	3.7	1.3	1.17	4.5	0.16	1.26	4.5	0.17	0.0		4.1	0.00		0.00	0.54	7.0	0.11	4.4	7.6	1.0	0.0		0.0	7.4	0
2		247.chn	45	7.5	53	J10	7E+05	2E+06	10.1	3.9	1.2	0.82	5.7	0.14	1.25	4.3	0.16	0.0		4.1	0.00		0.00	0.58	6.3	0.11	3.2	9.9	0.9	0.0		0.0	6.3	0
2		271.chn	45	7.5	53	K10	7E+05	2E+06	8.4	4.3	1.1	0.89	5.2	0.14	1.23	4.2	0.15	0.0		4.1	0.00		0.00	0.51	6.8	0.10	2.9	10.8	0.9	0.0		0.0	5.8	0
2		280.chn	45	7.5	53	L10	7E+05	2E+06	9.4	4.1	1.2	0.98	5.0	0.15	1.32	4.1	0.16	0.0		4.1	0.00		0.00	0.52	6.9	0.11	2.3	13.4	0.9	0.0		0.0	6.8	0
2		309.chn	45	7.5	53	M10	7E+05	2E+06	15.6	3.2	1.5	1.41	4.0	0.17	1.39	4.2	0.18	0.0		4.1	0.18	27.7	0.15	0.16	18.4	0.09	0.0		0.0	0.0		0.0	8.8	0
2		119.chn	45	7.5	53	A11	7E+05	2E+06	11.4	3.7	1.3	0.95	5.1	0.14	1.12	4.7	0.16	0.0		4.1	0.00		0.00	0.45	7.7	0.10	1.0	29.5	0.9	0.0		0.0	6.5	0
2		129.chn	45	7.5	53	B11	7E+05	2E+06	8.2	4.4	1.1	1.09	4.5	0.15	1.15	4.4	0.15	8.4	30.0	7.6	0.00		0.00	0.67	5.7	0.11	2.5	12.0	0.9	0.0		0.0	6.2	0
2		136.chn	45	7.5	53	C11	7E+05	2E+06	8.1	4.4	1.1	0.93	5.0	0.14	1.15	4.4	0.15	3.9	33.0	3.9	0.00		0.00	0.64	6.1	0.12	2.4	12.3	0.9	0.0		0.0	5.9	0
2		143.chn	45	7.5	53	D11	7E+05	2E+06	8.1	4.4	1.1	1.13	4.5	0.15	1.17	4.4	0.15	0.0		4.1	0.17	27.2	0.13	0.76	5.3	0.12	4.3	7.4	0.9	0.0		0.0	6.4	0
2		159.chn	45	7.5	53	E11	7E+05	2E+06	8.1	4.4	1.1	0.86	5.4	0.14	1.19	4.3	0.15	0.0		4.1	0.00		0.00	0.81	5.2	0.13	6.9	4.7	1.0	0.0		0.0	6.1	0
2		164.chn	45	7.5	53	F11	7E+05	2E+06	14.1	3.3	1.4	1.03	5.0	0.15	1.58	3.7	0.18	5.0	27.4	4.1	0.19	27.3	0.16	0.34	10.3	0.10	1.0	30.6	0.9	0.0		0.0	7.7	0
2		192.chn	45	7.5	53	G11	7E+05	2E+06	13.2	3.4	1.3	0.84	5.6	0.14	1.30	4.1	0.16	0.0		4.1	0.00		0.00	0.16	16.5	0.08	0.0		0.0	0.0		0.0	6.6	0
2		201.chn	45	7.5	53	H11	7E+05	2E+06	13.6	3.4	1.4	1.09	4.8	0.16	1.44	4.0	0.17	0.0		4.1	0.00		0.00	0.48	7.6	0.11	5.9	5.8	1.0	0.0		0.0	8.1	0
2		237.chn	45	7.5	53	I11	7E+05	2E+06	12.9	3.5	1.4	1.27	4.5	0.17	1.60	3.8	0.18	0.0		4.1	0.00		0.00	0.67	6.3	0.13	4.9	7.0	1.0	0.0		0.0	8.9	0
2		244.chn	45	7.5	53	J11	7E+05	2E+06	11.3	3.7	1.3	1.06	4.9	0.16	1.44	4.0	0.17	0.0		4.1	0.00		0.00	0.65	6.2	0.12	3.5	9.5	1.0	0.0		0.0	7.7	0
2		272.chn	45	7.5	53	K11	7E+05	2E+06	10.4	3.9	1.2	0.97	5.1	0.15	1.44	3.9	0.17	0.0		4.1	0.15	32.5	0.15	0.67	5.8	0.12	3.2	10.0	1.0	0.0		0.0	7.1	0
2		279.chn	45	7.5	53	L11	7E+05	2E+06	9.3	4.1	1.1	1.02	4.8	0.15	1.34	4.1	0.16	0.0		4.1	0.00		0.00	0.44	7.8	0.10	1.7	18.3	0.9	0.0		0.0	6.8	0
2		313.chn	45	7.5	53	M11	7E+05	2E+06	12.9	3.5	1.4	1.04	5.1	0.16	1.38	4.1	0.17	4.7	30.2	4.2	0.00		0.00	0.17	17.0	0.09	0.0		0.0	0.0		0.0	7.8	0
2		120.chn	45	7.5	53	A12	7E+05	2E+06	9.3	4.1	1.1	0.97	5.0	0.15	1.18	4.4	0.16	0.0		4.1	0.00		0.00	0.62	6.1	0.11	1.8	15.7	0.9	0.0		0.0	5.7	0

OU	IHSS Number	File Name	Detector Array	Detector Height (m)	FOV m	Station	North feet	East feet	K-40 pCi/g	% Error	MDA pCi/g	Ra-226 pCi/g	% Error	MDA pCi/g	Th-232 pCi/g	% Error	MDA pCi/g	U-238 pCi/g	% Error	MDA pCi/g	U-235 pCi/g	% Error	MDA pCi/g	Cs-137 pCi/g	% Error	MDA pCi/g	Am-241 pCi/g	% Error	MDA pCi/g	Pu-239 nCi/g	% Error	MDA nCi/g	Exposure uR/h	% FOV Blocked
2		128.chn	45	7.5	53	B12	7E+05	2E+06	7.4	4.6	1.0	1.03	4.7	0.15	1.17	4.3	0.15	0.0		4.1	0.00		0.00	0.60	6.2	0.11	1.3	21.8	0.9	0.0	0.0	0.0	5.7	0
2		137.chn	45	7.5	53	C12	7E+05	2E+06	8.7	4.3	1.1	1.03	4.7	0.15	1.27	4.1	0.16	0.0		4.1	0.00		0.00	0.68	5.7	0.12	2.6	11.4	0.9	0.0	0.0	0.0	6.2	0
2		142.chn	45	7.5	53	D12	7E+05	2E+06	7.8	4.5	1.0	1.11	4.5	0.15	1.23	4.2	0.15	0.0		4.1	0.00		0.00	0.69	5.6	0.12	2.9	10.5	0.9	0.0	0.0	0.0	6.3	0
2		160.chn	45	7.5	53	E12	7E+05	2E+06	7.8	4.4	1.0	0.81	5.7	0.14	1.09	4.6	0.15	0.0		4.1	0.00		0.00	0.66	5.7	0.11	4.6	6.7	0.9	0.0	0.0	0.0	5.9	0
2		163.chn	45	7.5	53	F12	7E+05	2E+06	11.5	3.7	1.3	1.02	4.8	0.15	1.33	4.1	0.16	4.4	30.8	4.0	0.15	31.5	0.14	0.33	10.2	0.10	0.9	31.7	0.9	0.0	0.0	0.0	6.5	0
2		193.chn	45	7.5	53	G12	7E+05	2E+06	11.3	3.7	1.3	0.79	6.1	0.14	1.26	4.3	0.16	0.0		4.1	0.00		0.00	0.30	10.1	0.09	3.0	10.7	1.0	0.0	0.0	0.0	6.4	0
2		200.chn	45	7.5	53	H12	7E+05	2E+06	12.3	3.6	1.3	1.04	5.1	0.16	1.70	3.6	0.18	0.0		4.1	0.00		0.00	0.58	7.0	0.12	5.9	6.0	1.1	0.0	0.0	0.0	8.5	0
2		238.chn	45	7.5	53	I12	7E+05	2E+06	11.4	3.7	1.3	1.06	4.9	0.16	1.44	4.0	0.17	4.9	29.2	4.3	0.19	27.9	0.16	0.54	6.8	0.11	3.5	9.5	1.0	0.0	0.0	0.0	7.4	0
2		243.chn	45	7.5	53	J12	7E+05	2E+06	10.8	3.9	1.3	1.08	4.9	0.16	1.36	4.1	0.17	0.0		4.1	0.00		0.00	0.62	6.3	0.12	2.4	13.7	1.0	0.0	0.0	0.0	7.2	0
2		273.chn	45	7.5	53	K12	7E+05	2E+06	10.9	3.8	1.2	0.96	5.3	0.15	1.58	3.8	0.18			4.1	0.16	33.2	0.16	0.69	5.9	0.12	2.5	12.9	1.0	0.0	0.0	0.0	8.0	0
2		278.chn	45	7.5	53	L12	7E+05	2E+06	10.9	3.8	1.2	1.12	4.6	0.15	1.48	3.9	0.17	0.0		4.1	0.00		0.00	0.30	11.2	0.10	0.6	55.0	0.9	0.0	0.0	0.0	7.2	0
2		310.chn	45	7.5	53	M12	7E+05	2E+06	11.0	3.7	1.2	1.17	4.5	0.16	1.38	4.1	0.17	0.0		4.1	0.00		0.00	0.13	21.1	0.08	0.0		0.0	0.0	0.0	0.0	7.5	0
2		121.chn	45	7.5	53	A13	7E+05	2E+06	8.7	4.2	1.1	0.86	5.3	0.14	1.15	4.5	0.16	0.0		4.1	0.00		0.00	0.63	5.9	0.11	2.2	13.4	0.9	0.0	0.0	0.0	5.4	0
2		127.chn	45	7.5	53	B13	7E+05	2E+06	9.1	4.1	1.1	1.08	4.4	0.14	1.21	4.3	0.16	0.0		4.1	0.00		0.00	0.60	6.2	0.11	1.6	18.4	0.9	0.0	0.0	0.0	6.3	0
2		138.chn	45	7.5	53	C13	7E+05	2E+06	9.8	4.0	1.2	1.05	4.6	0.14	1.07	4.7	0.15	0.0		4.1	0.00		0.00	0.29	10.2	0.09	0.9	31.1	0.8	0.0	0.0	0.0	5.9	0
2		141.chn	45	7.5	53	D13	7E+05	2E+06	9.0	4.2	1.1	0.98	4.9	0.14	0.96	5.0	0.14	0.0		4.1	0.00		0.00	0.26	11.8	0.09	1.2	23.9	0.9	0.0	0.0	0.0	5.6	0
2		161.chn	45	7.5	53	E13	7E+05	2E+06	9.5	4.1	1.2	0.84	5.5	0.14	1.19	4.3	0.15	0.0		4.1	0.00		0.00	0.24	12.0	0.09	1.2	23.5	0.9	0.0	0.0	0.0	5.7	0
2		172.chn	45	7.5	53	F13	7E+05	2E+06	13.7	3.4	1.4	1.08	4.9	0.16	1.30	4.4	0.17	0.0		4.1	0.22	23.3	0.15	0.17	16.1	0.08	1.1	27.5	0.9	0.0	0.0	0.0	7.6	0
2		194.chn	45	7.5	53	G13	7E+05	2E+06	11.6	3.6	1.3	0.94	5.3	0.15	1.24	4.4	0.16	0.0		4.1	0.00		0.00	0.49	7.2	0.11	3.8	8.5	1.0	0.0	0.0	0.0	6.8	0
2		197.chn	45	7.5	53	H13	7E+05	2E+06	12.9	3.4	1.3	1.05	5.0	0.16	1.50	4.0	0.18	0.0		4.1	0.19	28.0	0.16	0.53	7.0	0.11	3.6	9.3	1.0	0.0	0.0	0.0	7.8	0
2		239.chn	45	7.5	53	I13	7E+05	2E+06	11.3	3.7	1.3	1.06	5.0	0.16	1.42	4.1	0.17	0.0		4.1	0.00		0.00	0.52	7.2	0.11	2.3	14.5	1.0	0.0	0.0	0.0	7.5	0
2		242.chn	45	7.5	53	J13	7E+05	2E+06	11.3	3.7	1.3	0.95	5.5	0.16	1.48	3.9	0.17	0.0		4.1	0.00		0.00	0.56	6.8	0.11	1.9	16.9	1.0	0.0	0.0	0.0	7.3	0
2		274.chn	45	7.5	53	K13	7E+05	2E+06	13.5	3.4	1.4	1.04	5.1	0.16	1.85	3.4	0.19	0.0		4.1	0.00		0.00	0.53	7.3	0.12	2.1	15.6	1.0	0.0	0.0	0.0	8.8	0
2		277.chn	45	7.5	53	L13	7E+05	2E+06	12.1	3.6	1.3	1.02	5.1	0.16	1.45	4.0	0.17	5.1	27.7	4.3	0.00		0.00	0.32	10.5	0.10	1.2	25.8	0.9	0.0	0.0	0.0	7.8	0
2		311.chn	45	7.5	53	M13	7E+05	2E+06	12.4	3.5	1.3	1.22	4.4	0.16	1.41	4.1	0.17	5.2	27.9	4.3	0.00		0.00	0.13	21.7	0.08	0.0		0.0	0.0	0.0	0.0	7.3	0
2		122.chn	45	7.5	53	A14	7E+05	2E+06	11.6	3.6	1.3	0.85	5.5	0.14	1.13	4.5	0.15	0.0		4.1	0.00		0.00	0.43	8.0	0.10	0.9	32.0	0.8	0.0	0.0	0.0	6.8	0
2		126.chn	45	7.5	53	B14	7E+05	2E+06	10.6	3.8	1.2	0.99	4.9	0.15	1.28	4.2	0.16	0.0		4.1	0.00		0.00	0.43	7.9	0.10	0.8	35.0	0.8	0.0	0.0	0.0	6.6	0
2		139.chn	45	7.5	53	C14	7E+05	2E+06	9.6	4.1	1.2	0.98	5.0	0.15	1.16	4.4	0.15	0.0		4.1	0.00		0.00	0.33	9.2	0.09	1.2	23.5	0.8	0.0	0.0	0.0	5.9	0
2		140.chn	45	7.5	53	D14	7E+05	2E+06	9.1	4.1	1.1	0.93	5.0	0.14	1.06	4.7	0.15	0.0		4.1	0.00		0.00	0.27	11.3	0.09	0.8	34.0	0.8	0.0	0.0	0.0	6.0	0
2		162.chn	45	7.5	53	E14	7E+05	2E+06	12.4	3.6	1.3	0.95	5.2	0.15	1.28	4.1	0.16	0.0		4.1	0.00		0.00	0.19	15.7	0.09	0.0		0.0	0.0	0.0	0.0	7.1	0
2		173.chn	45	7.5	53	F14	7E+05	2E+06	13.4	3.4	1.4	1.11	4.6	0.15	1.23	4.5	0.17	0.0		4.1	0.00		0.00	0.21	14.3	0.09	0.8	36.0	0.9	0.0	0.0	0.0	7.2	0
2		195.chn	45	7.5	53	G14	7E+05	2E+06	13.2	3.5	1.4	1.06	5.0	0.16	1.57	3.8	0.18	0.0		4.1	0.16	33.0	0.16	0.37	9.6	0.11	2.2	14.8	1.0	0.0	0.0	0.0	8.4	0
2		196.chn	45	7.5	53	H14	7E+05	2E+06	13.1	3.4	1.3	1.17	4.6	0.16	1.61	3.8	0.18	0.0		4.1	0.00		0.00	0.45	8.3	0.11	2.5	13.3	1.0	0.0	0.0	0.0	8.7	0
2		240.chn	45	7.5	53	I14	7E+05	2E+06	10.4	3.9	1.2	1.05	4.9	0.15	1.33	4.2	0.17	0.0		4.1	0.00		0.00	0.38	8.9	0.10	1.3	24.1	0.9	0.0	0.0	0.0	7.1	0
2		241.chn	45	7.5	53	J14	7E+05	2E+06	8.5	4.4	1.1	0.85	5.7	0.14	1.08	4.9	0.16	0.0		4.1	0.00		0.00	0.32	10.5	0.10	0.0		0.0	0.0	0.0	0.0	5.2	0
2		275.chn	45	7.5	53	K14	7E+05	2E+06	10.6	3.9	1.2	0.90	5.4	0.15	1.31	4.2	0.17	0.0		4.1	0.00		0.00	0.36	8.8	0.10	0.9	34.0	0.9	0.0	0.0	0.0	6.8	0
2		276.chn	45	7.5	53	L14	7E+05	2E+06	11.8	3.6	1.3	0.99	5.1	0.15	1.58	3.7	0.18	0.0		4.1	0.00		0.00	0.50	7.3	0.11	1.6	19.4	0.9	0.0	0.0	0.0	7.6	0
2		312.chn	45	7.5	53	M14	7E+05	2E+06	14.5	3.3	1.4	1.05	5.1	0.16	1.45	4.0	0.17	0.0		4.1	0.00		0.00	0.10	29.5	0.09	0.0		0.0	0.0	0.0	0.0	8.7	0
5		28.CHN	40227	1	12.4	E1	7E+05	2E+06	8.0	1.0	0.2	1.16	1.0	0.03	1.18	1.0	0.04	1.8	19.0	1.0	0.02	18.0	0.01	0.35	2.0	0.02	0.0		0.0	0.0	0.0	0.0	6.7	0
5		154.chn	1A66F	6.5	44	E01	7E+05	2E+06	6.5	1.0	0.2	0.76	1.0	0.02	0.89	1.0	0.03	1.0	16.0	0.5	0.05	9.0	0.01	0.25	1.0	0.01	0.0		0.0	0.0	0.0	0.0	5.2	0
5		23.CHN	30699	1	12.4	F1	7E+05	2E+06	15.3	1.0	0.5	1.52	1.0	0.05	2.69	1.0	0.08	2.2	22.0	1.5	0.07	12.0	0.02	0.49	2.0	0.03	0.0		0.0	0.0	0.0	0.0	12.9	0
5		137.chn	1A66F	6.5	44	F01	7E+05	2E+06	13.3	0.5	0.2	1.14	1.0	0.03	2.26	0.5	0.03	2.1	11.0	0.7	0.11	7.0	0.02	0.38	1.0	0.01	0.0		0.0	0.0	0.0	0.0	10.7	0
5		15.CHN	40279	1	12.4	G1	7E+05	2E+06	14.6	1.0	0.4	1.45	1.0	0.04	2.00	1.0	0.06	2.2	16.0	1.0	0.06	11.0	0.02	0.34	2.0	0.02	0.0		0.0	0.0	0.0	0.0	10.7	0
5		138.chn	1A66F	6.5	44	G01	7E+05	2E+06	12.1	0.5	0.2	0.90	1.0	0.03	1.69	0.5	0.03	2.0	10.0	0.6	0.10	7.0	0.02	0.36	1.0	0.01	0.0		0.0	0.0	0.0	0.0	8.6	0
5		29.CHN	40227	1	12.4	E2	7E+05	2E+06	15.6	1.0	0.5	1.15	1.0	0.03	2.00	1.0	0.06	1.7	24.0	1.2	0.12	10.0	0.04	0.52	2.0	0.03	0.0		0.0	0.0	0.0	0.0	10.5	0
5		205.chn	1A66F	6.5	44	E02	7E+05	2E+06	6.3	1.0	0.2	0.71	1.0	0.02	0.97	1.0	0.03	1.4	12.0	0.5	0.06	9.0	0.02	0.42	1.0	0.01	0.0		0.0	0.0	0.0	0.0	5.3	0
5		27.CHN	30687	1	12.4	F2	7E+05	2E+06	13.8	1.0	0.4	1.41	1.0	0.04	2.23	1.0	0.07	2.7	15.0	1.2	0.07	13.0	0.03	0.36	2.0	0.02	0.0		0.0	0.0	0.0	0.0	11.3	0
5		136.chn	1A66F	6.5	44	F02	7E+05	2E+06	13.0	0.5	0.2	1.08	1.0	0.03	2.02	0.5	0.03	2.0	11.0	0.7	0.09	7.0	0.02	0.37	1.0	0.01	0.0		0.0	0.0	0.0	0.0	10.0	0
5		27.CHN	40293	1	12.4	G2	7E+05	2E+06	13.0	1.0	0.4	1.40	1.0	0.04	2.24	1.0	0.07	2.4	16.0	1.2	0.11	10.0	0.03	0.42	2.0	0.03	0.0		0.0	0.0	0.0	0.0	11.1	0

OU	IHSS Number	File Name	Detector Array	Detector Height (m)	FOV m	Station	North feet	East feet	K-40 pCi/g	% Error	MDA pCi/g	Ra-226 pCi/g	% Error	MDA pCi/g	Th-232 pCi/g	% Error	MDA pCi/g	U-238 pCi/g	% Error	MDA pCi/g	U-235 pCi/g	% Error	MDA pCi/g	Cs-137 pCi/g	% Error	MDA pCi/g	Am-241 pCi/g	% Error	MDA pCi/g	Pu-239 nCi/g	% Error	MDA nCi/g	Exposure uR/h	% FOV Blocked
5		139.chn	1A66F	6.5	44	G02	7E+05	2E+06	12.9	0.5	0.2	0.99	1.0	0.03	2.00	0.5	0.03	1.8	12.0	0.6	0.12	6.0	0.02	0.38	1.0	0.01	0.2	27.0	0.1	0.0		0.0	9.8	0
5		236.chn	1A66F	6.5	44	G02	7E+05	2E+06	12.9	0.5	0.2	1.05	1.0	0.03	2.02	0.5	0.03	2.1	10.0	0.6	0.09	7.0	0.02	0.37	1.0	0.01	0.0		0.0	0.0		0.0	10.0	0
5		32.CHN	40293	1	12.4	D3	7E+05	2E+06	6.4	1.0	0.2	1.61	1.0	0.05	0.84	1.0	0.03	1.7	14.0	0.7	0.01	17.0	0.00	0.39	2.0	0.02	0.0		0.0	0.0		0.0	7.0	0
5		22.CHN	30699	1	12.4	E3	7E+05	2E+06	6.5	1.0	0.2	1.09	1.0	0.03	0.90	1.0	0.03	0.0		0.0	0.01	20.0	0.01	0.27	2.0	0.02	0.0		0.0	0.0		0.0	6.8	0
5		206.chn	1A66F	6.5	44	E03	7E+05	2E+06	6.0	1.0	0.2	0.70	1.0	0.02	0.93	1.0	0.03	1.2	14.0	0.5	0.07	8.0	0.02	0.51	1.0	0.02	0.0		0.0	0.0		0.0	5.3	0
5		24.CHN	30699	1	12.4	F3	7E+05	2E+06	12.3	1.0	0.4	1.03	1.0	0.03	1.98	1.0	0.06	2.4	15.0	1.1	0.15	9.0	0.04	0.43	2.0	0.03	0.0		0.0	0.0		0.0	9.4	0
5		132.chn	1A66F	6.5	44	F03	7E+05	2E+06	13.0	0.5	0.2	0.98	1.0	0.03	2.00	0.5	0.03	1.6	13.0	0.6	0.12	6.0	0.02	0.41	1.0	0.01	0.0		0.0	0.0		0.0	9.6	0
5		190.chn	1A62F6F	6.5	44	D03	7E+05	2E+06	7.7	1.0	0.2	0.93	1.0	0.03	0.79	1.0	0.02	1.5	9.0	0.4	0.05	10.0	0.01	0.29	1.0	0.01	0.0		0.0	0.0		0.0	5.4	0
5		16.CHN	40279	1	12.4	G3	7E+05	2E+06	9.0	1.0	0.3	0.81	2.0	0.05	1.35	1.0	0.04	1.8	22.0	1.2	0.03	21.0	0.02	0.33	2.0	0.02	0.0		0.0	0.0		0.0	8.5	0
5		143.chn	1A66F	6.5	44	G03	7E+05	2E+06	10.6	0.5	0.2	1.20	1.0	0.04	1.76	0.5	0.03	1.8	12.0	0.6	0.09	7.0	0.02	0.40	1.0	0.01	0.0		0.0	0.0		0.0	8.9	0
5		35.CHN	40227	1	12.4	D4	7E+05	2E+06	7.0	1.0	0.2	1.19	1.0	0.04	0.98	1.0	0.03	1.6	21.0	1.0	0.02	18.0	0.01	0.41	2.0	0.02	0.0		0.0	0.0		0.0	6.2	0
5		26.CHN	30687	1	12.4	E4	7E+05	2E+06	11.6	1.0	0.3	1.29	1.0	0.04	1.15	1.0	0.03	1.7	15.0	0.8	0.04	14.0	0.02	0.14	4.0	0.02	0.0		0.0	0.0		0.0	7.5	0
5		151.chn	1A66F	6.5	44	E04	7E+05	2E+06	10.8	0.5	0.2	0.88	1.0	0.03	1.05	1.0	0.03	1.1	18.0	0.6	0.04	10.0	0.01	0.20	2.0	0.01	0.0		0.0	0.0		0.0	6.7	0
5		28.CHN	30687	1	12.4	F4	7E+05	2E+06	13.5	1.0	0.4	1.01	1.0	0.03	1.77	1.0	0.05	1.5	24.0	1.1	0.11	10.0	0.03	0.45	2.0	0.03	0.0		0.0	0.0		0.0	9.2	0
5		133.chn	1A66F	6.5	44	F04	7E+05	2E+06	12.4	0.5	0.2	0.88	1.0	0.03	1.67	0.5	0.03	1.5	14.0	0.6	0.10	7.0	0.02	0.40	1.0	0.01	0.0		0.0	0.0		0.0	8.6	0
5		192.chn	1A62F6F	6.5	44	D04	7E+05	2E+06	8.3	1.0	0.2	1.00	1.0	0.03	1.00	1.0	0.03	1.2	16.0	0.6	0.06	8.0	0.01	0.38	1.0	0.01	0.0		0.0	0.0		0.0	6.1	0
5		28.CHN	40293	1	12.4	G4	7E+05	2E+06	13.7	1.0	0.4	1.12	1.0	0.03	2.14	1.0	0.06	2.7	15.0	1.2	0.15	9.0	0.04	0.47	2.0	0.03	0.0		0.0	0.0		0.0	10.4	0
5		144.chn	1A66F	6.5	44	G04	7E+05	2E+06	12.3	0.5	0.2	1.31	1.0	0.04	1.89	0.5	0.03	1.8	12.0	0.6	0.07	7.0	0.02	0.38	1.0	0.01	0.0		0.0	0.0		0.0	9.7	0
5		28.CHN	30699	1	12.4	D5	7E+05	2E+06	7.4	1.0	0.2	1.65	1.0	0.05	1.02	1.0	0.03	1.4	14.0	0.6	0.00	13.0	0.00	0.80	1.0	0.02	0.0		0.0	0.0		0.0	7.6	0
5		16.CHN	40293	1	12.4	D5	7E+05	2E+06	6.7	1.0	0.2	0.84	1.0	0.03	0.96	1.0	0.03	1.8	12.0	0.7	3.87	17.0	1.97	0.75	1.0	0.02	0.0		0.0	0.0		0.0	5.6	0
5		207.chn	1A66F	6.5	44	D05	7E+05	2E+06	7.6	1.0	0.2	0.75	1.0	0.02	0.93	1.0	0.03	1.2	14.0	0.5	0.08	7.0	0.02	0.48	1.0	0.01	0.0		0.0	0.0		0.0	5.6	0
5		27.CHN	40227	1	12.4	E5	7E+05	2E+06	12.2	1.0	0.4	1.59	1.0	0.05	1.39	1.0	0.04	1.6	29.0	1.4	0.00	19.0	0.00	0.26	3.0	0.02	0.0		0.0	0.0		0.0	8.9	0
5		152.chn	1A66F	6.5	44	E05	7E+05	2E+06	10.8	0.5	0.2	0.89	1.0	0.03	1.14	1.0	0.03	1.4	14.0	0.6	0.05	9.0	0.01	0.22	2.0	0.01	0.0		0.0	0.0		0.0	6.9	0
5		33.CHN	40293	1	12.4	F5	7E+05	2E+06	15.4	1.0	0.5	1.88	1.0	0.06	2.20	1.0	0.07	0.0		0.0	0.06	12.0	0.02	0.45	2.0	0.03	0.0		0.0	0.0		0.0	12.3	0
5		126.chn	1A66F	6.5	44	F05	7E+05	2E+06	14.2	0.5	0.2	1.00	1.0	0.03	1.92	0.5	0.03	1.9	12.0	0.7	0.10	7.0	0.02	0.40	1.0	0.01	0.0		0.0	0.0		0.0	9.9	0
5		17.CHN	40227	1	12.4	D6	7E+05	2E+06	14.5	1.0	0.4	0.97	1.0	0.03	1.49	1.0	0.04	0.0		0.0	0.08	13.0	0.03	0.44	2.0	0.03	0.0		0.0	0.0		0.0	8.9	0
5		213.chn	1A66F	6.5	44	D06	7E+05	2E+06	11.1	0.5	0.2	0.68	1.0	0.02	1.05	1.0	0.03	1.2	16.0	0.6	0.06	10.0	0.02	0.29	1.0	0.01	0.0		0.0	0.0		0.0	6.5	0
5		29.CHN	30699	1	12.4	E6	7E+05	2E+06	18.4	1.0	0.6	1.70	1.0	0.05	[illegible]	1.0	0.06	2.5	20.0	1.5	0.06	12.0	0.02	0.38	2.0	0.02	0.0		0.0	0.0		0.0	12.1	0
5		124.chn	1A66F	6.5	44	E06	7E+05	2E+06	15.9	0.5	0.2	0.99	1.0	0.03	1.69	0.5	0.03	2.0	11.0	0.6	0.08	8.0	0.02	0.33	1.0	0.01	0.1	46.0	0.1	0.0		0.0	9.6	0
5		219.chn	1A66F	6.5	44	E06	7E+05	2E+06	15.4	0.5	0.2	1.01	1.0	0.03	1.64	0.5	0.02	1.8	13.0	0.7	0.09	7.0	0.02	0.32	1.0	0.01	0.0		0.0	0.0		0.0	9.4	0
5		34.CHN	40227	1	12.4	F6	7E+05	2E+06	23.6	1.0	0.7	1.79	1.0	0.05	1.74	1.0	0.05	2.6	13.0	1.0	0.09	11.0	0.03	0.28	3.0	0.03	0.0		0.0	0.0		0.0	12.4	0
5	133.6	125.chn	1A66F	6.5	44	F06	7E+05	2E+06	18.7	0.5	0.3	1.24	1.0	0.04	1.63	1.0	0.05	2.0	11.0	0.7	0.11	6.0	0.02	0.28	1.0	0.01	0.0		0.0	0.0		0.0	10.5	0
5		12.CHN	30687	1	12.4	C7	7E+05	2E+06	14.3	1.0	0.4	1.00	1.0	0.03	0.96	1.0	0.03	2.0	12.0	0.7	0.04	16.0	0.02	0.14	4.0	0.02	0.0		0.0	0.0		0.0	7.2	0
5		189.chn	1A62F6F	6.5	44	C07	7E+05	2E+06	10.2	1.0	0.3	0.63	1.0	0.02	0.69	1.0	0.02	1.3	12.0	0.5	0.05	12.0	0.02	0.11	3.0	0.01	0.0		0.0	0.0		0.0	5.2	0
5		11.CHN	30699	1	12.4	D7	7E+05	2E+06	6.7	1.0	0.2	0.73	1.0	0.02	1.05	1.0	0.03	1.5	19.0	0.8	0.06	14.0	0.03	0.44	2.0	0.03	0.0		0.0	0.0		0.0	5.4	0
5	133.5	200.chn	1A62F6F	6.5	44	D07	7E+05	2E+06	13.7	0.5	0.2	0.80	1.0	0.02	1.12	1.0	0.03	1.5	17.0	0.8	0.06	11.0	0.02	0.18	2.0	0.01	0.0		0.0	0.0		0.0	7.1	0
5		33.CHN	30687	1	12.4	E7	7E+05	2E+06	16.3	1.0	0.5	1.56	1.0	0.05	2.07	1.0	0.06	2.9	10.0	0.9	0.06	12.0	0.02	0.45	2.0	0.03	0.0		0.0	0.0		0.0	11.6	0
5	-	123.chn	1A66F	6.5	44	E07	7E+05	2E+06	14.8	0.5	0.2	0.92	1.0	0.03	1.55	1.0	0.05	2.1	10.0	0.6	0.10	7.0	0.02	0.28	1.0	0.01	0.0		0.0	0.0		0.0	9.0	0
5		18.CHN	30699	1	12.4	F7	7E+05	2E+06	8.7	1.0	0.3	0.94	1.0	0.03	1.33	1.0	0.04	2.6	9.0	0.7	0.09	11.0	0.03	0.41	2.0	0.02	0.0		0.0	0.0		0.0	6.8	0
5	133.6	120.chn	1A66F	6.5	44	F07	7E+05	2E+06	15.0	0.5	0.2	1.06	1.0	0.03	2.03	0.5	0.03	2.3	10.0	0.7	0.11	7.0	0.02	0.39	1.0	0.01	0.0		0.0	0.0		0.0	10.5	0
5		33.CHN	40227	1	12.4	G7	7E+05	2E+06	13.2	1.0	0.4	1.73	1.0	0.05	2.18	1.0	0.07	3.0	14.0	1.3	0.04	14.0	0.02	0.40	2.0	0.02	0.0		0.0	0.0		0.0	11.3	0
5		212.chn	1A66F	6.5	44	G07	7E+05	2E+06	11.3	0.5	0.2	0.83	1.0	0.03	1.54	1.0	0.05	1.8	11.0	0.6	0.09	7.0	0.02	0.32	1.0	0.01	0.0		0.0	0.0		0.0	8.0	0
5		13.CHN	40293	1	12.4	C8	7E+05	2E+06	12.5	1.0	0.4	1.46	1.0	0.04	1.13	1.0	0.03	2.0	14.0	0.8	0.03	14.0	0.01	0.28	3.0	0.03	0.0		0.0	0.0		0.0	8.1	0
5		178.chn	1A66F	6.5	44	C08	7E+05	2E+06	11.5	0.5	0.2	0.91	1.0	0.03	1.01	1.0	0.03	1.7	12.0	0.6	0.07	8.0	0.02	0.17	2.0	0.01	0.0		0.0	0.0		0.0	6.7	0
5		25.CHN	40227	1	12.4	D8	7E+05	2E+06	20.9	1.0	0.6	0.93	1.0	0.03	0.96	1.0	0.03	1.6	21.0	1.0	0.04	17.0	0.02	0.05	11.0	0.02	0.0		0.0	0.0		0.0	8.2	0
5	133.5	199.chn	1A62F6F	6.5	44	D08	7E+05	2E+06	15.0	0.5	0.2	0.77	1.0	0.02	1.08	1.0	0.03	1.8	12.0	0.6	0.06	10.0	0.02	0.11	3.0	0.01	0.0		0.0	0.0		0.0	7.1	0
5		23.CHN	40293	1	12.4	E8	7E+05	2E+06	9.6	1.0	0.3	1.03	1.0	0.03	1.43	1.0	0.04	2.8	9.0	0.8	0.10	11.0	0.03	0.46	2.0	0.03	0.0		0.0	0.0		0.0	7.6	0
5		218.chn	1A66F	6.5	44	E08	7E+05	2E+06	15.1	0.5	0.2	1.03	1.0	0.03	1.60	1.0	0.05	2.2	10.0	0.7	0.11	7.0	0.02	0.28	1.0	0.01	0.0		0.0	0.0		0.0	9.2	0
5		17.CHN	30699	1	12.4	F8	7E+05	2E+06	15.4	1.0	0.5	1.32	1.0	0.04	2.22	1.0	0.07	7.6	6.0	1.4	0.19	8.0	0.05	0.33	2.0	0.02	0.0		0.0	0.0		0.0	11.2	0

OU	IHSS Number	File Name	Detector Array	Detector Height (m)	FOV m	Station	North feet	East feet	K-40 pCi/g	% Error	MDA pCi/g	Ra-226 pCi/g	% Error	MDA pCi/g	Th-232 pCi/g	% Error	MDA pCi/g	U-238 pCi/g	% Error	MDA pCi/g	U-235 pCi/g	% Error	MDA pCi/g	Cs-137 pCi/g	% Error	MDA pCi/g	Am-241 pCi/g	% Error	MDA pCi/g	Pu-239 nCi/g	% Error	MDA nCi/g	Exposure uR/h	% FOV Blocked
5	133.4	119.chn	1A66F	6.5	44	F08	7E+05	2E+06	13.1	0.5	0.2	0.89	1.0	0.03	1.74	0.5	0.03	2.6	8.0	0.6	0.10	7.0	0.02	0.32	1.0	0.01	0.0		0.0	0.0		0.0	9.0	0
5		23.CHN	30687	1	12.4	G8	7E+05	2E+06	9.0	1.0	0.3	0.97	1.0	0.03	1.36	1.0	0.04	2.7	9.0	0.7	0.10	11.0	0.03	0.42	2.0	0.03	0.0		0.0	0.0		0.0	7.1	0
5		145.chn	1A66F	6.5	44	G08	7E+05	2E+06	11.8	0.5	0.2	1.23	1.0	0.04	1.68	0.5	0.03	1.7	12.0	0.6	0.08	7.0	0.02	0.36	1.0	0.01	0.0		0.0	0.0		0.0	9.0	0
5		9.CHN	40293	1	12.4	C9	7E+05	2E+06	8.5	1.0	0.3	0.96	1.0	0.03	1.01	1.0	0.03	1.7	14.0	0.7	0.06	13.0	0.03	0.25	3.0	0.02	0.0		0.0	0.0		0.0	6.2	0
5		177.chn	1A66F	6.5	44	C09	7E+05	2E+06	7.8	1.0	0.2	0.67	1.0	0.02	0.72	1.0	0.02	1.6	9.0	0.4	0.07	9.0	0.02	0.18	2.0	0.01	0.0		0.0	0.0		0.0	5.2	0
5		16.CHN	40227	1	12.4	D9	7E+05	2E+06	10.4	1.0	0.3	0.93	1.0	0.03	1.22	1.0	0.04	1.5	28.0	1.2	0.02	23.0	0.01	0.20	3.0	0.02	0.0		0.0	0.0		0.0	7.0	0
5		198.chn	1A62F6F	6.5	44	D09	7E+05	2E+06	9.4	1.0	0.3	0.74	1.0	0.02	1.06	1.0	0.03	2.3	9.0	0.6	0.08	9.0	0.02	0.24	2.0	0.01	0.0		0.0	0.0		0.0	6.0	0
5		24.CHN	40227	1	12.4	E9	7E+05	2E+06	10.4	1.0	0.3	1.10	1.0	0.03	1.54	1.0	0.05	3.0	9.0	0.8	0.11	11.0	0.03	0.48	2.0	0.03	0.0		0.0	0.0		0.0	8.2	0
5		114.chn	1A66F	6.5	44	E09	7E+05	2E+06	9.4	0.5	0.1	0.73	1.0	0.02	1.14	1.0	0.03	3.4	6.0	0.6	0.12	6.0	0.02	0.33	1.0	0.01	0.0		0.0	0.0		0.0	9.8	0
5		22.CHN	40293	1	12.4	F9	7E+05	2E+06	10.1	1.0	0.3	1.08	1.0	0.03	1.54	1.0	0.05	2.4	15.0	1.1	0.08	12.0	0.03	0.31	2.0	0.02	0.0		0.0	0.0		0.0	8.0	0
5	133.4	118.chn	1A66F	6.5	44	F09	7E+05	2E+06	9.9	0.5	0.1	0.79	1.0	0.02	1.38	1.0	0.04	2.8	7.0	0.6	0.12	1.0	0.00	0.34	1.0	0.01	0.0		0.0	0.0		0.0	7.3	0
5		22.CHN	30687	1	12.4	G9	7E+05	2E+06	8.6	1.0	0.3	0.93	1.0	0.03	1.22	1.0	0.04	1.8	19.0	1.0	0.04	17.0	0.02	0.32	2.0	0.02	0.0		0.0	0.0		0.0	6.8	0
5		146.chn	1A66F	6.5	44	G09	7E+05	2E+06	9.7	0.5	0.1	1.12	1.0	0.03	1.44	1.0	0.04	2.3	9.0	0.6	0.06	8.0	0.01	0.37	1.0	0.01	0.0		0.0	0.0		0.0	7.7	0
5		11.chn	40227	1	12.4	C10	7E+05	2E+06	8.0	1.0	0.2	0.85	1.0	0.03	1.21	1.0	0.04	1.7	19.0	1.0	0.07	14.0	0.03	0.51	2.0	0.03	0.0		0.0	0.0		0.0	6.4	0
5		176.chn	1A66F	6.5	44	C10	7E+05	2E+06	8.9	1.0	0.3	1.00	1.0	0.03	1.10	1.0	0.03	1.6	12.0	0.6	0.05	9.0	0.01	0.43	1.0	0.01	0.0		0.0	0.0		0.0	6.7	0
5	133.1	28.chn	1a66f	6.5	44	B1	7E+05	2E+06	10.5	0.0	0.0	1.23	1.0	0.04	1.15	1.0	0.03	1.8	8.0	0.4	0.04	9.0	0.01	0.39	1.0	0.01	0.0		0.0	0.0		0.0	9.6	0
5		26.CHN	40227	1	12.4	D10	7E+05	2E+06	14.6	1.0	0.4	1.33	1.0	0.04	1.64	1.0	0.05	2.6	16.0	1.2	0.04	15.0	0.02	0.34	2.0	0.02	0.0		0.0	0.0		0.0	9.7	0
5	133.1	197.chn	1A66F	6.5	44	D10	7E+05	2E+06	10.8	0.5	0.2	0.77	1.0	0.02	1.21	1.0	0.04	2.0	10.0	0.6	0.07	8.0	0.02	0.28	1.0	0.01	0.0		0.0	0.0		0.0	6.9	0
5	133.1	39.chn	40227	1	12.4	A1	7E+05	2E+06	8.0	1.0	0.2	0.83	1.0	0.02	1.23	1.0	0.04	1.4	21.0	0.9	0.07	13.0	0.03	0.46	2.0	0.03	0.0		0.0	0.0		0.0	6.2	0
5	133.1	46.chn	40227	1	12.4	B1	7E+05	2E+06	7.0	1.0	0.2	0.73	1.0	0.02	0.99	1.0	0.03	1.9	11.0	0.6	0.08	12.0	0.03	0.48	2.0	0.03	0.0		0.0	0.0		0.0	5.5	0
5	133.1	41.chn	40227	1	12.4	C1	7E+05	2E+06	9.9	1.0	0.3	1.58	1.0	0.05	1.12	1.0	0.03	2.1	12.0	0.7	0.01	16.0	0.00	0.48	2.0	0.03	0.0		0.0	0.0		0.0	7.7	0
5		23.CHN	40227	1	12.4	E10	7E+05	2E+06	11.1	1.0	0.3	1.22	1.0	0.04	1.69	1.0	0.05	3.3	12.0	1.2	0.09	12.0	0.03	0.38	2.0	0.02	0.0		0.0	0.0		0.0	9.2	0
5		110.chn	1A66F	6.5	44	E10	7E+05	2E+06	11.7	0.5	0.2	0.94	1.0	0.03	1.62	0.5	0.02	3.9	5.0	0.6	0.14	5.0	0.02	0.31	1.0	0.01	0.0		0.0	0.0		0.0	8.5	0
5		16.CHN	30699	1	12.4	F10	7E+05	2E+06	9.4	1.0	0.3	1.20	1.0	0.04	1.49	1.0	0.04	21.7	1.0	0.7	0.38	4.0	0.05	0.48	2.0	0.03	0.0		0.0	0.0		0.0	8.6	0
5		117.chn	1A66F	6.5	44	F10	7E+05	2E+06	10.0	0.5	0.2	0.80	1.0	0.02	1.54	1.0	0.05	18.8	1.0	0.6	0.36	3.0	0.03	0.41	1.0	0.01	0.0		0.0	0.0		0.0	8.0	0
5	133.1	38.chn	40227	1	12.4	A2	7E+05	2E+06	7.9	1.0	0.2	0.92	1.0	0.03	1.15	1.0	0.03	1.4	22.0	0.9	0.06	13.0	0.02	0.59	1.0	0.02	0.0		0.0	0.0		0.0	6.2	0
5	133.1	38.chn	30687	1	12.4	B2	7E+05	2E+06	11.2	1.0	0.3	1.31	1.0	0.04	1.41	1.0	0.04	1.6	16.0	0.8	0.03	16.0	0.01	0.34	2.0	0.02	0.0		0.0	0.0		0.0	8.2	0
5	133.1	40.chn	40227	1	12.4	C2	7E+05	2E+06	10.4	1.0	0.3	1.44	1.0	0.04	1.16	1.0	0.03	1.5	21.0	0.9	0.00	17.0	0.00	0.23	3.0	0.02	0.0		0.0	0.0		0.0	7.6	0
5	133.1	37.chn	40227	1	12.4	A3	7E+05	2E+06	8.1	1.0	0.2	0.98	1.0	0.03	1.17	1.0	0.04	1.5	24.0	1.1	0.05	13.0	0.02	0.34	2.0	0.02	0.0		0.0	0.0		0.0	6.2	0
5	133.1	42.chn	40293	1	12.4	B3	7E+05	2E+06	12.4	1.0	0.4	0.89	1.0	0.03	1.30	1.0	0.04	2.0	22.0	1.3	0.05	16.0	0.02	0.36	2.0	0.02	0.0		0.0	0.0		0.0	7.6	0
5	133.1	45.chn	30687	1	12.4	C3	7E+05	2E+06	10.3	1.0	0.3	1.16	1.0	0.03	1.12	1.0	0.03	1.9	22.0	1.3	0.03	16.0	0.01	0.24	3.0	0.02	0.0		0.0	0.0		0.0	7.1	0
5	133.1	45.chn	40227	1	12.4	C3	7E+05	2E+06	9.5	1.0	0.3	0.82	1.0	0.02	1.06	1.0	0.03	1.4	16.0	0.7	0.07	13.0	0.03	0.22	3.0	0.02	0.0		0.0	0.0		0.0	7.3	0
5	133.1	49.chn	40277	1	12.4	C3	7E+05	2E+06	11.0	1.0	0.3	1.21	1.0	0.04	1.23	1.0	0.04	2.2	12.0	0.8	0.05	15.0	0.02	0.25	3.0	0.02	0.0		0.0	0.0		0.0	7.6	0
5	133.1	36.chn	40227	1	12.4	A4	7E+05	2E+06	9.8	1.0	0.3	0.94	1.0	0.03	1.24	1.0	0.04	1.7	21.0	1.1	0.05	14.0	0.02	0.35	2.0	0.02	0.0		0.0	0.0		0.0	6.7	0
5	133.1	43.chn	30687	1	12.4	B4	7E+05	2E+06	12.7	1.0	0.4	0.88	1.0	0.03	1.32	1.0	0.04	1.8	18.0	1.0	0.07	13.0	0.03	0.29	2.0	0.02	0.0		0.0	0.0		0.0	7.4	0
5	133.1	39.chn	30699	1	12.4	C4	7E+05	2E+06	10.1	1.0	0.3	0.95	1.0	0.03	1.20	1.0	0.04	2.2	13.0	0.8	0.07	14.0	0.03	0.33	2.0	0.02	0.0		0.0	0.0		0.0	7.3	0
5	133.1	42.chn	30687	1	12.4	A5	7E+05	2E+06	11.2	1.0	0.3	1.13	2.0	0.07	1.29	1.0	0.04	2.9	14.0	1.2	0.06	18.0	0.03	0.44	3.0	0.04	0.0		0.0	0.0		0.0	7.4	0
5	133.1	48.chn	40227	1	12.4	A5	7E+05	2E+06	12.4	1.0	0.4	1.24	1.0	0.04	1.43	1.0	0.04	2.1	17.0	1.1	0.05	13.0	0.02	0.48	2.0	0.03	0.0		0.0	0.0		0.0	8.4	0
5	133.1	44.chn	40227	1	12.4	B5	7E+05	2E+06	11.6	1.0	0.3	1.17	1.0	0.04	1.20	1.0	0.04	1.6	14.0	0.7	0.03	16.0	0.01	0.19	3.0	0.02	0.0		0.0	0.0		0.0	7.3	0
5	133.1	40.chn	40293	1	12.4	C5	7E+05	2E+06	7.7	1.0	0.2	0.98	1.0	0.03	0.85	2.0	0.05	2.9	23.0	2.0	0.01	25.0	0.01	0.22	3.0	0.02	0.0		0.0	0.0		0.0	6.4	0
5	133.1	40chn	30687	1	12.4	A6	7E+05	2E+06	12.1	1.0	0.4	1.29	1.0	0.04	1.24	1.0	0.04	1.7	15.0	0.8	0.03	16.0	0.01	0.62	1.0	0.02	0.0		0.0	0.0		0.0	8.0	0
5	133.1	41.chn	30687	1	12.4	B6	7E+05	2E+06	12.4	1.0	0.4	1.19	1.0	0.04	1.30	1.0	0.04	2.3	11.0	0.7	0.03	16.0	0.02	0.29	2.0	0.02	0.0		0.0	0.0		0.0	8.0	0
5	133.1	39.chn	40293	1	12.4	C6	7E+05	2E+06	10.8	1.0	0.3	1.24	1.0	0.04	1.29	1.0	0.04	1.9	14.0	0.8	0.02	19.0	0.01	0.38	2.0	0.02	0.0		0.0	0.0		0.0	7.9	0
5		10.chn	40227	1	12.4	C11	7E+05	2E+06	8.4	1.0	0.3	0.84	1.0	0.03	1.25	1.0	0.04	2.5	9.0	0.7	0.07	13.0	0.03	0.56	2.0	0.03	0.0		0.0	0.0		0.0	6.6	0
5		175.chn	1A66F	6.5	44	C11	7E+05	2E+06	8.2	1.0	0.2	1.00	1.0	0.03	1.05	1.0	0.03	1.4	13.0	0.6	0.08	7.0	0.02	0.43	1.0	0.01	0.0		0.0	0.0		0.0	6.3	0
5		14.CHN	40293	1	12.4	D11	7E+05	2E+06	9.5	1.0	0.3	1.18	1.0	0.04	1.23	1.0	0.04	1.9	13.0	0.7	0.05	14.0	0.02	0.22	3.0	0.02	0.0		0.0	0.0		0.0	7.3	0
5	133.1	113.chn	1A66F	6.5	44	D11	7E+05	2E+06	9.2	1.0	0.3	0.70	1.0	0.02	1.02	1.0	0.03	1.5	13.0	0.6	0.07	9.0	0.02	0.27	1.0	0.01	0.0		0.0	0.0		0.0	6.1	0
5	133.1	42.chn	40227	1	12.4	A7	7E+05	2E+06	9.7	1.0	0.3	1.16	1.0	0.03	1.15	1.0	0.03	2.0	11.0	0.7	0.04	11.0	0.01	0.57	1.0	0.02	0.0		0.0	0.0		0.0	7.6	0
5	133.1	43.chn	40227	1	12.4	B7	7E+05	2E+06	10.1	1.0	0.3	1.49	1.0	0.04	1.19	1.0	0.04	1.4	27.0	1.2	0.02	14.0	0.01	0.37	2.0	0.02	0.0		0.0	0.0		0.0	7.8	0

OU	IHSS Number	File Name	Detector Array	Detector Height (m)	FOV m	Station	North feet	East feet	K-40 pCi/g	% Error	MDA pCi/g	Ra-226 pCi/g	% Error	MDA pCi/g	Th-232 pCi/g	% Error	MDA pCi/g	[illegible] pCi/g	% Error	MDA pCi/g	[illegible] pCi/g	% Error	MDA pCi/g	Cs-137 pCi/g	% Error	MDA pCi/g	Am-241 pCi/g	% Error	MDA pCi/g	Pu-239 nCi/g	% Error	MDA nCi/g	Exposure uR/h	% FOV Blocked
5	133.1	38.chn	40293	1	12.4	B7	7E+05	2E+06	11.2	1.0	0.3	1.82	1.0	0.05	1.30	1.0	0.04	2.3	11.0	0.7	0.04	11.0	0.01	0.66	1.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	8.7	0
5	133.1	37.chn	30699	1	12.4	C7	7E+05	2E+06	12.8	1.0	0.4	1.52	1.0	0.05	1.65	1.0	0.05	2.1	19.0	1.2	0.04	14.0	0.02	0.34	2.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	9.7	0
5		22.CHN	40227	1	12.4	E11	7E+05	2E+06	15.9	1.0	0.5	1.40	1.0	0.04	2.23	1.0	0.07	3.9	8.0	0.9	0.16	9.0	0.04	0.45	2.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	11.9	0
5	133.3	108.chn	1A66F	6.5	44	E11	7E+05	2E+06	13.5	0.5	0.2	1.02	1.0	0.03	1.84	0.5	0.03	3.7	6.0	0.7	0.16	5.0	0.02	0.33	1.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	9.6	0
5		21.CHN	40293	1	12.4	F11	7E+05	2E+06	8.2	1.0	0.2	1.04	1.0	0.03	1.26	1.0	0.04	3.2	8.0	0.8	0.07	13.0	0.03	0.43	2.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	7.1	0
5	133.3	109.chn	1A66F	6.5	44	F11	7E+05	2E+06	9.4	0.5	0.1	0.84	1.0	0.03	1.36	1.0	0.04	2.8	7.0	0.6	0.11	6.0	0.02	0.38	1.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	7.1	0
5		21.CHN	30687	1	12.4	G11	7E+05	2E+06	11.8	1.0	0.4	1.07	1.0	0.03	1.87	1.0	0.06	2.9	9.0	0.8	0.08	13.0	0.03	0.33	2.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	9.2	0
5		105.chn	1A66F	6.5	44	G11	7E+05	2E+06	10.9	0.5	0.2	0.86	1.0	0.03	1.51	1.0	0.05	1.9	11.0	0.6	0.09	7.0	0.02	0.33	1.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	7.8	0
5		4.chn	40293	1	12.4	B12	7E+05	2E+06	13.5	1.0	0.4	0.88	1.0	0.03	1.01	1.0	0.03			0.0	0.06	14.0	0.02	0.15	4.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	6.8	0
5		169.chn	1A66F	6.5	44	B12	7E+05	2E+06	12.0	0.1	0.0	1.16	1.0	0.03	0.91	1.0	0.03	1.4	14.0	0.6	0.06	7.0	0.01	0.15	2.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	6.8	0
5		4.CHN	30687	1	12.4	C12	7E+05	2E+06	6.9	1.0	0.2	0.71	1.0	0.02	1.01	1.0	0.03	1.4	16.0	0.7	0.06	14.0	0.03	0.36	2.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	6.8	0
5		9.CHN	30699	1	12.4	C12	7E+05	2E+06	7.3	1.0	0.2	1.08	1.0	0.03	1.07	1.0	0.03	1.4	24.0	1.0	0.02	17.0	0.01	0.33	2.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	6.1	0
5		170.chn	1A66F	6.5	44	C12	7E+05	2E+06	7.6	1.0	0.2	0.87	1.0	0.03	0.97	1.0	0.03	1.2	14.0	0.5	0.07	7.0	0.02	0.30	1.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	5.7	0
5		10.CHN	30699	1	12.4	D12	7E+05	2E+06	9.9	1.0	0.3	1.07	1.0	0.03	1.05	1.0	0.03	1.2	20.0	0.7	0.02	19.0	0.01	0.24	3.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	6.8	0
5	133.1	235.chn	1A66F	6.5	44	D12	7E+05	2E+06	9.4	1.0	0.3	0.75	1.0	0.02	1.00	1.0	0.03	1.6	13.0	0.6	0.06	10.0	0.02	0.28	2.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	7.8	0
5		21.CHN	40227	1	12.4	E12	7E+05	2E+06	15.3	1.0	0.5	1.30	1.0	0.04	2.25	1.0	0.07	3.7	12.0	1.3	0.11	11.0	0.04	0.54	2.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	11.6	0
5	133.3	102.chn	1A66F	6.5	44	E12	7E+05	2E+06	12.7	0.5	0.2	0.91	1.0	0.03	1.75	0.5	0.03	3.5	6.0	0.6	0.15	5.0	0.02	0.40	1.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	8.9	0
5		20.CHN	40293	1	12.4	F12	7E+05	2E+06	10.9	1.0	0.3	1.06	1.0	0.03	1.50	1.0	0.05	2.8	9.0	0.8	1.50	13.0	0.59	0.41	2.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	8.2	0
5	133.3	103.chn	1A66F	6.5	44	F12	7E+05	2E+06	10.8	0.5	0.2	0.84	1.0	0.03	1.43	1.0	0.04	2.8	7.0	0.6	0.12	6.0	0.02	0.37	1.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	7.5	0
5		15.CHN	30699	1	12.4	G12	7E+05	2E+06	13.8	1.0	0.4	1.27	1.0	0.04	2.10	1.0	0.06	2.4	16.0	1.1	0.08	12.0	0.03	0.43	2.0	0.0[illegible]	0.0	0.0	0.0	0.0	0.0	0.0	10.5	0
5		104.chn	1A66F	6.5	44	G12	7E+05	2E+06	12.6	0.5	0.2	0.99	1.0	0.03	1.82	0.5	0.03	2.2	10.0	0.7	0.09	7.0	0.02	0.37	1.0	0.01	0	0.0	0.0	0.0	0.0	0.0	9.3	0
5		4.chn	40227	1	12.4	B13	7E+05	2E+06	9.7	1.0	0.3	0.91	1.0	0.03	1.28	1.0	0.04	2.4	14.0	1.0	0.09	11.0	0.03	0.62	2.0	0.04	0.0	0.0	0.0	0.0	0.0	0.0	6.9	0
5		167.chn	1A66F	6.5	44	B13	7E+05	2E+06	8.5	1.0	0.3	0.80	1.0	0.02	1.03	1.0	0.03	1.5	9.0	0.4	0.06	9.0	0.02	0.37	1.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	7.3	0
5		2.CHN	30699	1	12.4	C13	7E+05	2E+06	9.4	1.0	0.3	0.87	1.0	0.03	1.39	1.0	0.04	2.3	14.0	1.0	0.08	12.0	0.03	0.81	1.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	7.2	0
5		183.chn	1A66F	6.5	44	C13	7E+05	2E+06	8.3	1.0	0.2	0.87	1.0	0.03	1.18	1.0	0.04	1.6	11.0	0.5	0.06	8.0	0.02	0.60	1.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	6.5	0
5		15.CHN	40227	1	12.4	D13	7E+05	2E+06	6.5	1.0	0.2	1.48	1.0	0.04	1.14	1.0	0.03	1.8	13.0	0.7	0.03	13.0	0.01	0.68	1.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0
5		184.chn	1A66F	6.5	44	D13	7E+05	2E+06	6.4	1.0	0.2	0.74	1.0	0.02	0.90	1.0	0.03	1.5	11.0	0.5	0.06	9.0	0.02	0.47	1.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	5.3	0
5		20.CHN	40227	1	12.4	E13	7E+05	2E+06	8.9	1.0	0.3	1.04	1.0	0.03	1.36	1.0	0.04	2.1	19.0	1.2	0.07	13.0	0.03	0.38	2.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	7.3	0
5	133.3	96.chn	1A66F	6.5	44	E13	7E+05	2E+06	9.6	0.5	0.1	0.81	1.0	0.02	1.31	1.0	0.04	1.9	10.0	0.6	0.09	7.0	0.02	0.36	1.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	6.9	0
5	133.3	97.chn	1A66F	6.5	44	F13	7E+05	2E+06	15.1	0.5	0.2	1.19	1.0	0.04	2.32	0.5	0.03	3.6	7.0	0.7	0.16	5.0	0.02	0.53	1.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	11.3	0
5		19.CHN	40293	1	12.4	F13	7E+05	2E+06	12.9	1.0	0.4	1.33	1.0	0.04	2.13	1.0	0.06	3.8	11.0	1.2	0.11	10.0	0.03	0.50	2.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	10.9	0
5		14.CHN	30699	1	12.4	G13	7E+05	2E+06	15.9	1.0	0.5	1.45	1.0	0.04	2.29	1.0	0.07	4.0	7.0	0.8	0.15	8.0	0.04	0.52	2.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	11.7	0
5		31.CHN	40293	1	12.4	G13	7E+05	2E+06	14.9	1.0	0.4	1.39	1.0	0.04	2.21	1.0	0.07	3.5	12.0	1.3	0.14	9.0	0.04	0.48	2.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	11.3	0
5		98.chn	1A66F	6.5	44	G13	7E+05	2E+06	15.1	0.5	0.2	1.12	1.0	0.03	2.13	0.5	0.03	3.6	7.0	0.8	0.17	5.0	0.02	0.49	1.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	10.8	0
5		20.CHN	30687	1	12.4	H13	7E+05	2E+06	13.1	1.0	0.4	1.07	1.0	0.03	1.80	1.0	0.05	2.6	10.0	0.8	0.11	10.0	0.03	0.54	2.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	9.3	0
5		27.CHN	30699	1	12.4	H13	7E+05	2E+06	13.3	1.0	0.4	1.13	1.0	0.03	1.90	1.0	0.06	2.5	8.0	0.6	0.07	11.0	0.02	0.59	1.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	9.7	0
5		93.chn	1A66F	6.5	44	H13	7E+05	2E+06	11.4	0.5	0.2	0.79	1.0	0.02	1.51	1.0	0.05	1.9	11.0	0.6	0.12	6.0	0.02	0.43	1.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	7.8	0
5		3.chn	40293	1	12.4	B14	7E+05	2E+06	10.0	1.0	0.3	0.78	1.0	0.02	1.36	1.0	0.04	2.1	12.0	0.7	0.06	15.0	0.03	0.48	2.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	6.9	0
5		168.chn	1A66F	6.5	44	B14	7E+05	2E+06	9.0	0.5	0.1	0.99	1.0	0.03	0.96	1.0	0.03	1.2	16.0	0.6	0.06	8.0	0.01	0.32	1.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	6.1	0
5		57.chn	1A66F	6.5	44	B14	7E+05	2E+06	8.2	1.0	0.2	0.78	1.0	0.02	0.96	1.0	0.03	1.2	15.0	0.6	0.04	11.0	0.01	0.35	1.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0
5		14.CHN	40227	1	12.4	C14	7E+05	2E+06	6.2	1.0	0.2	1.77	1.0	0.05	1.13	1.0	0.03	1.3	25.0	1.0	0.00	15.0	0.00	0.94	1.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	7.4	0
5		162.chn	1A66F	6.5	44	C14	7E+05	2E+06	6.0	1.0	0.2	0.74	1.0	0.02	0.94	1.0	0.03	1.4	12.0	0.5	0.04	10.0	0.01	0.63	1.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	5.4	0
5		30.CHN	40227	1	12.4	D14	7E+05	2E+06	6.9	1.0	0.2	1.27	1.0	0.04	1.04	1.0	0.03	1.4	23.0	1.0	0.03	15.0	0.01	0.62	1.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	6.5	0
5		214.chn	1A66F	6.5	44	D14	7E+05	2E+06	9.0	0.5	0.1	0.73	1.0	0.02	1.17	1.0	0.04	1.7	11.0	0.6	0.07	8.0	0.02	0.46	1.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	6.4	0
5		19.CHN	40227	1	12.4	E14	7E+05	2E+06	10.3	1.0	0.3	1.27	1.0	0.04	1.30	1.0	0.04	2.4	15.0	1.1	0.05	14.0	0.02	0.39	2.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	7.9	0
5		90.chn	1A66F	6.5	44	E14	7E+05	2E+06	11.1	0.5	0.2	0.83	1.0	0.02	1.39	1.0	0.04	1.9	10.0	0.6	0.08	8.0	0.02	0.43	1.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	7.5	0
5		18.CHN	40293	1	12.4	F14	7E+05	2E+06	9.9	1.0	0.3	1.67	1.0	0.05	1.51	1.0	0.05	2.5	10.0	0.7	0.04	12.0	0.02	0.42	2.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0
5		91.chn	1A66F	6.5	44	F14	7E+05	2E+06	10.2	0.5	0.2	0.83	1.0	0.02	1.47	1.0	0.04	2.1	9.0	0.6	0.09	8.0	0.02	0.40	1.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	7.5	0
5		13.CHN	30699	1	12.4	G14	7E+05	2E+06	10.7	1.0	0.3	1.57	1.0	0.05	1.65	1.0	0.05	2.1	17.0	1.1	0.02	15.0	0.01	0.44	2.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	9.3	0

OU	IHSS Number	File Name	Detector Array	Detector Height (m)	FOV m	Station	North feet	East feet	K-40 pCi/g	% Error	MDA pCi/g	Ra-226 pCi/g	% Error	MDA pCi/g	Th-232 pCi/g	% Error	MDA pCi/g	U-238 pCi/g	% Error	MDA pCi/g	U-235 pCi/g	% Error	MDA pCi/g	Cs-137 pCi/g	% Error	MDA pCi/g	Am-241 pCi/g	% Error	MDA pCi/g	Pu-239 nCi/g	% Error	MDA nCi/g	Exposure uR/h	% FOV Blocked
5		92.chn	1A66F	6.5	44	G14	7E+05	2E+06	11.6	0.5	0.2	0.86	1.0	0.03	1.62	0.5	0.02	1.5	14.0	0.6	0.09	8.0	0.02	0.40	1.0	0.01	0.0		0.0	0.0		0.0	8.4	0
5		19.CHN	30687	1	12.4	H14	7E+05	2E+06	8.7	1.0	0.3	1.21	1.0	0.04	1.42	1.0	0.04	2.0	12.0	0.7	0.07	12.0	0.02	0.46	2.0	0.03	0.0		0.0	0.0		0.0	7.8	0
5		99.chn	1A66F	6.5	44	H14	7E+05	2E+06	15.3	0.5	0.2	1.29	1.0	0.04	2.21	0.5	0.03	2.6	9.0	0.7	0.11	7.0	0.02	0.60	1.0	0.02	0.0		0.0	0.0		0.0	11.4	0
5		3.chn	40277	1	12.4	B15	7E+05	2E+06	7.3	2.0	0.4	0.70	2.0	0.04	1.12	1.0	0.03	1.5	20.0	0.9	0.09	13.0	0.03	0.36	2.0	0.02	0.0		0.0	0.0		0.0	6.8	0
5		29.chn	40293	1	12.4	B15	7E+05	2E+06	12.7	1.0	0.4	1.24	1.0	0.04	1.04	1.0	0.03	0.0		0.0	0.03	15.0	0.01	0.41	2.0	0.02	0.0		0.0	0.0		0.0	7.7	0
5		56.chn	1A66F	6.5	44	B15	7E+05	2E+06	11.6	0.5	0.2	0.82	1.0	0.02	0.91	1.0	0.03	1.1	17.0	0.6	0.06	9.0	0.02	0.34	1.0	0.01	0.0		0.0	0.0		0.0	6.3	0
5		3.CHN	30687	1	12.4	C15	7E+05	2E+06	7.5	1.0	0.2	0.82	1.0	0.02	1.25	1.0	0.04	2.1	17.0	1.1	0.07	13.0	0.03	0.61	1.0	0.02	0.0		0.0	0.0		0.0	6.4	0
5		161.chn	1A66F	6.5	44	C15	7E+05	2E+06	6.5	1.0	0.2	0.83	1.0	0.02	0.98	1.0	0.03	1.3	14.0	0.5	0.04	11.0	0.01	0.50	1.0	0.02	0.0		0.0	0.0		0.0	5.6	0
5		29.CHN	30687	1	12.4	D15	7E+05	2E+06	14.0	1.0	0.4	1.23	1.0	0.04	1.62	1.0	0.05	1.8	16.0	0.8	0.03	17.0	0.02	0.39	2.0	0.02	0.0		0.0	0.0		0.0	9.4	0
5	133.2	78.chn	1A66F	6.5	44	D15	7E+05	2E+06	12.5	0.5	0.2	0.85	1.0	0.03	1.43	1.0	0.04	1.6	13.0	0.6	0.10	7.0	0.02	0.33	1.0	0.01	0.0		0.0	0.0		0.0	8.0	0
5		18.CHN	40227	1	12.4	E15	7E+05	2E+06	17.6	1.0	0.5	1.68	1.0	0.05	2.38	1.0	0.07	2.9	15.0	1.3	0.07	12.0	0.03	0.50	1.0	0.02	0.0		0.0	0.0		0.0	13.0	0
5	133.2	79.chn	1A66F	6.5	44	E15	7E+05	2E+06	14.6	0.5	0.2	1.02	1.0	0.03	1.86	0.5	0.03	2.5	9.0	0.7	0.11	7.0	0.02	0.36	1.0	0.01	0.0		0.0	0.0		0.0	10.0	0
5		17.CHN	40293	1	12.4	F15	7E+05	2E+06	13.4	1.0	0.4	1.90	1.0	0.06	1.98	1.0	0.06	2.3	17.0	1.2	0.03	13.0	0.01	0.49	2.0	0.03	0.0		0.0	0.0		0.0	11.0	0
5		80.chn	1A66F	6.5	44	F15	7E+05	2E+06	13.2	0.5	0.2	1.01	1.0	0.03	1.81	0.5	0.03	2.3	9.0	0.6	0.11	6.0	0.02	0.42	1.0	0.01	0.0		0.0	0.0		0.0	9.4	0
5		12.CHN	30699	1	12.4	G15	7E+05	2E+06	12.1	1.0	0.4	1.82	1.0	0.05	1.97	1.0	0.06	1.9	20.0	1.1	0.05	12.0	0.02	0.47	2.0	0.03	0.0		0.0	0.0		0.0	10.6	0
5		81.chn	1A66F	6.5	44	G15	7E+05	2E+06	11.6	0.5	0.2	0.95	1.0	0.03	1.71	0.5	0.03	1.9	11.0	0.6	0.09	7.0	0.02	0.40	1.0	0.01	0.0		0.0	0.0		0.0	8.6	0
5		18.CHN	30687	1	12.4	H15	7E+05	2E+06	16.3	1.0	0.5	1.48	1.0	0.04	2.03	1.0	0.06	2.5	11.0	0.8	0.07	12.0	0.03	0.39	2.0	0.02	0.0		0.0	0.0		0.0	11.3	0
5		87.chn	1A66F	6.5	44	H15	7E+05	2E+06	14.9	0.5	0.2	1.14	1.0	0.03	1.83	0.5	0.03	2.1	11.0	0.7	0.09	7.0	0.02	0.37	1.0	0.01	0.0		0.0	0.0		0.0	10.0	0
5		2.chn	40293	1	12.4	B16	7E+05	2E+06	15.9	1.0	0.5	0.65	2.0	0.04	0.98	1.0	0.03	1.9	16.0	0.9	0.05	16.0	0.03	0.34	2.0	0.02	0.0		0.0	0.0		0.0	7.0	0
5		53.chn	1A66F	6.5	44	B16	7E+05	2E+06	11.3	0.5	0.2	0.61	1.0	0.02	0.76	1.0	0.02	1.5	25.0	1.1	0.04	11.0	0.01	0.27	1.0	0.01	0.0		0.0	0.0		0.0	5.7	0
5		2.CHN	30687	1	12.4	C16	7E+05	2E+06	4.5	1.0	0.1	0.64	2.0	0.04	0.85	1.0	0.03	1.4	15.0	0.6	0.04	19.0	0.02	0.72	1.0	0.02	0.0		0.0	0.0		0.0	4.7	0
5		129.chn	1A66F	6.5	44	C16	7E+05	2E+06	5.3	0.8	0.1	0.80	1.1	0.03	0.87	0.9	0.02	1.2	11.8	0.4	0.05	12.0	0.02	0.54	1.0	0.02	0.0		0.0	0.0		0.0	5.0	0
5		30.CHN	30687	1	12.4	D16	7E+05	2E+06	12.5	1.0	0.4	1.08	1.0	0.03	1.50	1.0	0.05	2.3	11.0	0.8	0.07	13.0	0.03	0.42	2.0	0.03	0.0		0.0	0.0		0.0	8.3	0
5	133.2	73.chn	1A66F	6.5	44	D16	7E+05	2E+06	12.6	0.5	0.2	1.03	1.0	0.03	1.36	1.0	0.04	1.5	14.0	0.6	0.09	7.0	0.02	0.32	1.0	0.01	0.0		0.0	0.0		0.0	8.4	0
5		8.CHN	30699	1	12.4	E16	7E+05	2E+06	14.5	1.0	0.4	1.12	1.0	0.03	1.91	1.0	0.06	2.2	18.0	1.2	0.11	11.0	0.04	0.39	2.0	0.02	0.0		0.0	0.0		0.0	9.9	0
5	133.2	74.chn	1A66F	6.5	44	E16	7E+05	2E+06	13.0	0.5	0.2	1.14	1.0	0.03	1.57	1.0	0.05	1.7	13.0	0.7	0.10	7.0	0.02	0.36	1.0	0.01	0.0		0.0	0.0		0.0	9.0	0
5		12.CHN	40293	1	12.4	F16	7E+05	2E+06	10.4	1.0	0.3	0.83	1.0	0.02	1.32	1.0	0.04	1.4	24.0	1.0	0.06	16.0	0.03	0.41	2.0	0.02	0.0		0.0	0.0		0.0	7.3	0
5		75.chn	1A66F	6.5	44	F16	7E+05	2E+06	11.4	0.5	0.2	1.11	1.0	0.03	1.38	1.0	0.04	1.8	11.0	0.6	0.10	6.0	0.02	0.40	1.0	0.01	0.0		0.0	0.0		0.0	8.0	0
5		12.CHN	40279	1	12.4	G16	7E+05	2E+06	12.6	1.0	0.4	1.09	1.0	0.03	1.82	1.0	0.05	2.6	10.0	0.8	0.08	123.0	0.30	0.41	2.0	0.02	0.0		0.0	0.0		0.0	9.4	0
5		84.chn	1A66F	6.5	44	G16	7E+05	2E+06	11.5	0.5	0.2	1.21	1.0	0.04	1.59	0.5	0.02	1.7	13.0	0.7	0.08	7.0	0.02	0.38	1.0	0.01	0.0		0.0	0.0		0.0	8.7	0
5		13.CHN	40227	1	12.4	H16	7E+05	2E+06	16.0	1.0	0.5	1.17	1.0	0.04	2.13	1.0	0.06	2.4	18.0	1.3	0.12	11.0	0.04	0.52	2.0	0.03	0.0		0.0	0.0		0.0	10.9	0
5		85.chn	1A66F	6.5	44	H16	7E+05	2E+06	13.0	0.5	0.2	1.13	1.0	0.03	1.73	0.5	0.03	1.8	12.0	0.6	0.09	7.0	0.02	0.39	1.0	0.01	0.0		0.0	0.0		0.0	9.4	0
5		1.CHN	30687	1	12.4	B17	7E+05	2E+06	7.6	1.0	0.2	0.68	1.0	0.02	1.03	1.0	0.03	1.8	17.0	0.9	0.04	18.0	0.02	0.75	1.0	0.02	0.0		0.0	0.0		0.0	5.8	0
5		52.chn	1A66F	6.5	44	B17	7E+05	2E+06	10.1	0.5	0.2	0.63	1.0	0.02	0.74	1.0	0.02	1.5	12.0	0.5	0.04	12.0	0.01	0.34	1.0	0.01	0.0		0.0	0.0		0.0	5.5	0
5		159.chn	1A66F	6.5	44	C17	7E+05	2E+06	4.3	1.0	0.1	0.56	1.0	0.02	0.61	1.0	0.02	1.3	14.0	0.5	0.03	16.0	0.01	0.38	1.0	0.01	0.0		0.0	0.0		0.0	4.7	0
5		25.CHN	30699	1	12.4	G17	7E+05	2E+06	12.5	1.0	0.4	1.51	1.0	0.05	1.67	1.0	0.05	1.7	21.0	1.1	0.06	12.0	0.02	0.46	2.0	0.03	0.0		0.0	0.0		0.0	9.5	0
5		31.CHN	40227	1	12.4	D17	7E+05	2E+06	12.8	1.0	0.4	1.57	1.0	0.05	1.75	1.0	0.05	2.2	12.0	0.8	0.06	12.0	0.02	0.49	2.0	0.03	0.0		0.0	0.0		0.0	9.9	0
5		67.chn	1A66F	6.5	44	D17	7E+05	2E+06	10.2	0.5	0.2	1.02	1.0	0.03	1.18	1.0	0.04	1.9	10.0	0.6	0.05	9.0	0.01	0.37	1.0	0.01	0.0		0.0	0.0		0.0	7.2	0
5		1.chn	40227	1	12.4	C17	7E+05	2E+06	5.6	1.0	0.2	0.72	1.0	0.02	1.03	1.0	0.03	1.5	14.0	0.6	0.04	19.0	0.02	0.83	1.0	0.02	0.0		0.0	0.0		0.0	5.5	0
5		6.CHN	30699	1	12.4	E17	7E+05	2E+06	14.2	1.0	0.4	1.22	1.0	0.04	1.84	1.0	0.06	2.0	19.0	1.2	0.07	13.0	0.03	0.55	2.0	0.03	0.0		0.0	0.0		0.0	9.9	0
5		68.chn	1A66F	6.5	44	E17	7E+05	2E+06	11.5	0.5	0.2	1.08	1.0	0.03	1.43	1.0	0.04	1.9	11.0	0.6	0.09	7.0	0.02	0.36	1.0	0.01	0.0		0.0	0.0		0.0	8.2	0
5		26.CHN	30699	1	12.4	F17	7E+05	2E+06	12.6	1.0	0.4	1.50	1.0	0.05	1.93	1.0	0.06	1.6	27.0	1.3	0.05	13.0	0.02	0.53	2.0	0.03	0.0		0.0	0.0		0.0	9.9	0
5		69.chn	1A66F	6.5	44	F17	7E+05	2E+06	10.7	0.5	0.2	1.09	1.0	0.03	1.38	1.0	0.04	1.6	13.0	0.6	0.07	8.0	0.02	0.38	1.0	0.01	0.0		0.0	0.0		0.0	8.1	0
5		70.chn	1A66F	6.5	44	G17	7E+05	2E+06	10.9	0.5	0.2	1.14	1.0	0.03	1.33	1.0	0.04	1.8	11.0	0.6	0.08	7.0	0.02	0.36	1.0	0.01	0.0		0.0	0.0		0.0	8.0	0
5		13.CHN	30687	1	12.4	H17	7E+05	2E+06	11.8	1.0	0.4	0.93	1.0	0.03	1.61	1.0	0.05	1.8	19.0	1.0	0.10	11.0	0.03	0.41	2.0	0.02	0.0		0.0	0.0		0.0	8.3	0
5		86.chn	1A66F	6.5	44	H17	7E+05	2E+06	10.8	0.5	0.2	0.97	1.0	0.03	1.42	1.0	0.04	1.7	12.0	0.6	0.07	8.0	0.02	0.33	1.0	0.01	0.0		0.0	0.0		0.0	7.7	0
5	115	10.txt	1093	1	12.6	W1	7E+05	2E+06	12.6	3.2	1.2	1.19	4.0	0.14	2.22	3.5	0.23	0.0		0.0	0.11	31.3	0.10	0.41	8.1	0.10	0.0		0.0	0.0		0.0	6.2	0
5	115	7.chn	45	7.5	53	A1	7E+05	2E+06	7.7	4.5	1.0	0.96	5.0	0.14	0.98	5.0	0.15	0.0		0.0	0.00		0.00	0.53	6.7	0.11	0.0		0.0	0.0		0.0	5.1	0
5	115	12.chn	45	7.5	53	B1	7E+05	2E+06	7.8	4.6	1.1	1.00	4.6	0.14	1.02	4.8	0.15	0.0		0.0	0.00		0.00	0.58	6.2	0.11	0.0		0.0	0.0		0.0	5.6	0

OU	IHSS Number	File Name	Detector Array	Detector Height (m)	FOV m	Station	North feet	East feet	K-40 pCi/g	% Error	MDA pCi/g	Ra-226 pCi/g	% Error	MDA pCi/g	Th-232 pCi/g	% Error	MDA pCi/g	U-238 pCi/g	% Error	MDA pCi/g	U-235 pCi/g	% Error	MDA pCi/g	Cs-137 pCi/g	% Error	MDA pCi/g	Am-241 pCi/g	% Error	MDA pCi/g	Pu-239 nCi/g	% Error	MDA nCi/g	Exposure uR/h	% FOV Blocked
5	115	20.chn	45	7.5	53	C1	7E+05	2E+06	10.0	3.9	1.2	0.94	5.3	0.15	1.31	4.3	0.17	0.0		0.0	0.00		0.00	0.53	7.0	0.11	0.0		0.0	0.0		0.0	6.7	0
5	115	58.chn	45	7.5	53	D1	7E+05	2E+06	10.7	3.8	1.2	1.38	4.0	0.17	1.60	3.7	0.18	0.0		0.0	0.00		0.00	0.48	7.7	0.11	0.0		0.0	0.0		0.0	8.2	0
5		25.CHN	30687	1	12.4	B18	7E+05	2E+06	9.0	1.0	0.3	1.31	1.0	0.04	0.97	1.0	0.03	1.2	25.0	0.9	3.45	13.0	1.35	0.65	1.0	0.02	0.0		0.0	0.0		0.0	7.1	0
5		51.chn	1A66F	6.5	44	B18	7E+05	2E+06	8.3	1.0	0.2	0.69	1.0	0.02	0.84	1.0	0.03	1.3	10.0	0.4	0.04	11.0	0.01	0.45	1.0	0.01	0.0		0.0	0.0		0.0	5.5	0
5		2.chn	40227	1	12.4	C18	7E+05	2E+06	5.4	1.0	0.2	0.71	1.0	0.02	0.98	1.0	0.03	1.6	19.0	0.9	0.07	14.0	0.03	0.68	1.0	0.02	0.0		0.0	0.0		0.0	5.3	0
5		58.chn	1A66F	6.5	44	C18	7E+05	2E+06	6.7	1.0	0.2	0.69	1.0	0.02	0.74	1.0	0.02	1.1	13.0	0.4	0.04	10.0	0.01	0.39	1.0	0.01	0.0		0.0	0.0		0.0	5.0	0
5		31.CHN	30687	1	12.4	D18	7E+05	2E+06	13.5	1.0	0.4	1.02	1.0	0.03	1.60	1.0	0.05	1.7	22.0	1.1	0.07	13.0	0.03	0.40	2.0	0.02	0.0		0.0	0.0		0.0	8.8	0
5		61.chn	1A66F	6.5	44	D18	7E+05	2E+06	10.7	0.5	0.2	0.90	1.0	0.03	1.21	1.0	0.04	1.6	12.0	0.6	0.06	8.0	0.02	0.36	1.0	0.01	0.0		0.0	0.0		0.0	7.3	0
5		32.CHN	40227	1	12.4	E18	7E+05	2E+06	9.2	1.0	0.3	1.12	1.0	0.03	1.34	1.0	0.04	1.9	18.0	1.0	0.05	15.0	0.02	0.46	2.0	0.03	0.0		0.0	0.0		0.0	7.5	0
5		62.chn	1A66F	6.5	44	E18	7E+05	2E+06	9.1	0.5	0.1	0.85	1.0	0.03	1.10	1.0	0.03	1.4	13.0	0.5	0.05	10.0	0.01	0.35	1.0	0.01	0.0		0.0	0.0		0.0	6.5	0
5		12.chn	40227	1	12.4	F18	7E+05	2E+06	13.1	1.0	0.4	1.15	1.0	0.03	1.68	1.0	0.05	2.5	13.0	1.0	0.08	15.0	0.04	0.54	2.0	0.03	0.0		0.0	0.0		0.0	9.4	0
5		63.chn	1A66F	6.5	44	F18	7E+05	2E+06	10.8	0.5	0.2	0.93	1.0	0.03	1.28	1.0	0.04	1.7	12.0	0.6	0.08	8.0	0.02	0.39	1.0	0.01	0.0		0.0	0.0		0.0	7.5	0
5		10.CHN	40293	1	12.4	G18	7E+05	2E+06	15.3	1.0	0.5	1.07	1.0	0.03	1.02	1.0	0.03	2.1	12.0	0.8	0.04	16.0	0.02	0.15	4.0	0.02	0.0		0.0	0.0		0.0	7.6	0
5		64.chn	1A66F	6.5	44	G18	7E+05	2E+06	11.1	0.5	0.2	1.01	1.0	0.03	1.56	1.0	0.05	1.7	12.0	0.6	0.06	9.0	0.02	0.34	1.0	0.01	0.0		0.0	0.0		0.0	8.3	0
5	115	11.txt	1093	1	12.6	W2	7E+05	2E+06	13.5	3.1	1.3	1.30	3.8	0.15	2.09	2.6	0.16	4.8	21.4	3.1	0.10	30.4	0.09	0.53	6.3	0.10	0.0		0.0	0.0		0.0	6.6	0
5	115	19.chn	45	7.5	53	C2	7E+05	2E+06	11.1	3.8	1.3	0.92	5.4	0.15	1.41	4.0	0.17	5.2	26.8	4.2	0.00		0.00	0.34	9.7	0.10	0.0		0.0	0.0		0.0	6.7	0
5	115	8.chn	45	7.5	53	A2	7E+05	2E+06	9.1	4.1	1.1	1.09	4.6	0.15	1.09	4.6	0.15	0.0		4.1	0.00		0.00	0.54	6.7	0.11	0.0		0.0	0.0		0.0	6.3	0
5	115	13.chn	45	7.5	53	B2	7E+05	2E+06	9.6	4.1	1.2	1.01	4.8	0.15	1.08	4.8	0.16	0.0		4.1	0.00		0.00	0.37	9.0	0.10	0.0		0.0	0.0		0.0	5.7	0
5	115	57.chn	45	7.5	53	D2	7E+05	2E+06	11.2	3.7	1.2	1.19	4.5	0.16	1.33	4.4	0.18	0.0		4.1	0.00		0.00	0.50	7.3	0.11	0.0		0.0	0.0		0.0	7.5	0
5	115	20.txt	1093	1	12.6	W3	7E+05	2E+06	8.5	4.0	1.0	2.76	2.2	0.18	1.28	3.7	0.14	2.9	33.2	2.9	0.00		0.00	0.44	7.4	0.10	0.0		0.0	0.0		0.0	6.6	0
5	115	9.chn	45	7.5	53	A3	7E+05	2E+06	9.7	4.0	1.2	1.11	4.5	0.15	1.22	4.3	0.16	0.0		4.1	0.00		0.00	0.36	9.1	0.10	0.0		0.0	0.0		0.0	6.4	0
5	115	43.chn	45	7.5	53	B3	7E+05	2E+06	10.9	3.8	1.2	0.95	5.2	0.15	1.12	4.6	0.15	0.0		4.1	0.00		0.00	0.16	17.1	0.08	0.0		0.0	0.0		0.0	6.2	0
5	115	23.chn	45	7.5	53	C3	7E+05	2E+06	13.5	3.4	1.4	1.04	5.1	0.16	1.53	4.0	0.18	0.0		4.1	0.00		0.00	0.24	13.6	0.10	0.0		0.0	0.0		0.0	8.3	0
5	115	56.chn	45	7.5	53	D3	7E+05	2E+06	12.5	3.6	1.4	1.24	4.6	0.17	1.62	3.8	0.18	6.5	34.0	6.6	0.00		0.00	0.40	9.2	0.11	0.0		0.0	0.0		0.0	8.8	0
5	115	61.chn	45	1	2.6	P3	7E+05	2E+06	10.4	3.6	1.1	0.79	9.6	0.23	1.23	6.6	0.24	363.0	0.7	7.6	6.68	2.2	0.44	0.00		0.00	0.0		0.0	0.0		0.0	18.8	0
5	115	19.txt	1093	1	12.6	W4	7E+05	2E+06	12.3	3.3	1.2	3.47	1.9	0.20	1.57	3.4	0.16	0.0		0.0	0.00		0.00	0.34	9.1	0.09	0.0		0.0	0.0		0.0	8.7	0
5	115	62.chn	45	1	2.6	P4	7E+05	2E+06	11.0	3.4	1.1	0.82	5.6	0.14	1.10	4.6	0.15	3.5	29.6	3.1	0.15	29.3	0.13	0.17	15.7	0.08	0.0		0.0	0.0		0.0	4.3	0
5	115	63.chn	45	7.5	19.4	P4A	7E+05	2E+06	13.9	3.2	1.3	1.16	5.0	0.17	1.38	4.3	0.18	0.0		4.1	0.00		0.00	0.17	20.0	0.10	0.0		0.0	0.0		0.0	5.1	0
5	115	10.chn	45	7.5	53	A4	7E+05	2E+06	6.6	4.9	1.0	1.00	4.8	0.14	1.01	4.9	0.15	0.0		4.1	0.00		0.00	0.38	3.4	0.10	0.0		0.0	0.0		0.0	5.2	0
5	115	44.chn	45	7.5	53	B4	7E+05	2E+06	8.0	4.5	1.1	1.02	4.9	0.15	1.01	5.0	0.15	0.0		4.1	0.00		0.00	0.14	19.8	0.08	0.0		0.0	0.0		0.0	5.4	0
5	115	24.chn	45	7.5	53	C4	7E+05	2E+06	13.5	3.4	1.4	1.12	4.8	0.16	1.58	3.7	0.18	0.0		4.1	0.00		0.00	0.21	14.6	0.09	0.0		0.0	0.0		0.0	8.6	0
5	115	55.chn	45	7.5	53	D4	7E+05	2E+06	13.5	3.3	1.3	1.12	4.6	0.15	1.66	3.5	0.17	0.0		4.1	0.28	20.8	0.17	0.44	8.0	0.11	0.0		0.0	0.0		0.0	9.0	0
5	115	18.txt	1093	1	12.6	W5	7E+05	2E+06	11.8	3.3	1.2	0.94	4.3	0.12	1.20	3.7	0.13	0.0		0.0	0.00		0.00	0.00		0.00	0.0		0.0	0.0		0.0	6.8	0
5	115	11.chn	45	7.5	53	A5	7E+05	2E+06	7.8	4.5	1.1	1.00	4.7	0.14	0.94	5.2	0.15	0.0		4.1	0.00		0.00	0.13	19.8	0.07	0.0		0.0	0.0		0.0	5.6	0
5	115	45.chn	45	7.5	53	B5	7E+05	2E+06	11.4	3.7	1.3	1.07	4.9	0.16	1.34	4.2	0.17	0.0		4.1	0.00		0.00	0.14	20.2	0.09	0.0		0.0	0.0		0.0	6.5	0
5	115	40.chn	45	7.5	53	C5	7E+05	2E+06	14.7	3.2	1.4	1.12	4.9	0.16	1.35	4.3	0.17	0.0		4.1	0.19	28.1	0.16	0.14	20.3	0.09	0.0		0.0	0.0		0.0	7.8	0
5	115	54.chn	45	7.5	53	D5	7E+05	2E+06	12.6	3.4	1.3	1.02	5.0	0.15	1.37	4.1	0.17	0.0		4.1	0.15	32.5	0.15	0.32	9.7	0.09	0.0		0.0	0.0		0.0	8.2	0
5	115	27.chn	45	7.5	53	A6	7E+05	2E+06	9.0	4.1	1.1	1.01	4.8	0.15	1.04	4.9	0.15	0.0		4.1	0.00		0.00	0.10	23.7	0.07	0.0		0.0	0.0		0.0	5.5	0
5	115	46.chn	45	7.5	53	B6	7E+05	2E+06	9.1	4.1	1.1	0.96	5.0	0.14	1.06	4.8	0.15	0.0		4.1	0.00		0.00	0.23	12.1	0.08	0.0		0.0	0.0		0.0	6.0	0
5	115	39.chn	45	7.5	53	C6	7E+05	2E+06	12.2	3.6	1.3	0.95	5.2	0.15	1.32	4.2	0.17	0.0		4.1	0.00		0.00	0.16	17.5	0.08	0.0		0.0	0.0		0.0	7.3	0
5	115	53.chn	45	7.5	53	D6	7E+05	2E+06	12.9	3.5	1.4	1.00	5.0	0.15	1.40	4.1	0.17	0.0		4.1	0.00		0.00	0.13	21.9	0.08	0.0		0.0	0.0		0.0	7.5	0
5	115	17.txt	1093	1	12.6	W6	7E+05	2E+06	12.6	3.2	1.2	1.05	4.2	0.13	1.28	3.5	0.13	0.0		0.0	0.00		0.00	0.11	21.0	0.07	0.0		0.0	0.0		0.0	4.8	0
5	115	16.txt	1093	1	12.6	W7	7E+05	2E+06	13.4	3.0	1.2	0.99	4.3	0.13	1.29	3.5	0.14	0.0		0.0	0.12	28.2	0.10	0.09	24.8	0.07	0.0		0.0	0.0		0.0	4.8	0
5	115	28.chn	45	7.5	53	A7	7E+05	2E+06	10.1	3.9	1.2	1.10	4.5	0.15	0.95	5.4	0.15	0.0		4.1	0.00		0.00	0.11	20.1	0.07	0.0		0.0	0.0		0.0	6.2	0
5	115	47.chn	45	7.5	53	B7	7E+05	2E+06	10.8	3.8	1.2	0.97	5.0	0.15	1.15	4.7	0.16	9.7	28.1	8.2	0.17	29.7	0.15	0.10	27.4	0.08	0.0		0.0	0.0		0.0	6.7	0
5	115	38.chn	45	7.5	53	C7	7E+05	2E+06	12.3	3.5	1.3	0.99	5.1	0.15	1.17	4.6	0.16	0.0		4.1	0.00		0.00	0.11	24.0	0.08	0.0		0.0	0.0		0.0	6.3	0
5	115	52.chn	45	7.5	53	D7	7E+05	2E+06	13.4	3.4	1.4	1.04	5.1	0.16	1.26	4.4	0.17	0.0		4.1	0.00		0.00	0.18	16.2	0.09	0.0		0.0	0.0		0.0	7.4	0
5	115	29.chn	45	7.5	53	A8	7E+05	2E+06	11.4	3.7	1.3	1.06	4.8	0.15	1.03	5.0	0.15	0.0		4.1	0.15	30.1	0.14	0.00		0.00	0.0		0.0	0.0		0.0	6.2	0
5	115	31.chn	45	7.5	53	B8	7E+05	2E+06	11.3	3.7	1.3	0.88	5.4	0.14	1.00	5.2	0.16	11.1	19.1	6.4	0.20	27.5	0.16	0.10	27.9	0.08	0.0		0.0	0.0		0.0	5.8	0

PRELIMINARY DRAFT

OU	IHSS Number	File Name	Detector Array	Detector Height (m)	FOV m	Station	North feet	East feet	K-40 pCi/g	% Error	MDA pCi/g	Ra-226 pCi/g	% Error	MDA pCi/g	Th-232 pCi/g	% Error	MDA pCi/g	U-238 pCi/g	% Error	MDA pCi/g	U-235 pCi/g	% Error	MDA pCi/g	Cs-137 pCi/g	% Error	MDA pCi/g	Am-241 pCi/g	% Error	MDA pCi/g	Pu-239 nCi/g	% Error	MDA nCi/g	Exposure uR/h	% FOV Blocked
5	115	37.chn	45	7.5	53	C8	7E+05	2E+06	11.5	3.7	1.3	0.96	5.1	0.15	1.16	4.6	0.16	5.8	24.4	4.2	0.21	25.2	0.16	0.08	34.0	0.08	0.0		0.0	0.0		0.0	6.3	0
5	115	65.chn	45	7.5	53	C8	7E+05	2E+06	10.1	3.7	1.1	1.04	5.0	0.16	0.98	5.4	0.16	6.6	14.9	3.0	0.00		0.00	0.00		0.00	0.0		0.0	0.0		0.0	6.3	0
5	115	51.chn	45	7.5	53	D8	7E+05	2E+06	13.2	3.4	1.3	1.13	4.6	0.16	1.36	4.2	0.17	0.0		4.1	0.26	22.1	0.17	0.21	14.3	0.09	0.0		0.0	0.0		0.0	7.6	0
5	115	15.txt	1093	1	12.6	W8	7E+05	2E+06	12.0	3.2	1.2	1.09	4.1	0.13	1.76	2.9	0.15	4.0	24.0	2.9	0.00		0.00	0.55	6.0	0.10	0.0		0.0	0.0		0.0	5.8	0
5	115	50.chn	45	7.5	53	D9	7E+05	2E+06	13.5	3.4	1.4	1.07	5.0	0.16	1.49	3.9	0.17	0.0		4.1	0.00		0.00	0.35	9.9	0.10	0.0		0.0	0.0		0.0	8.2	0
5	115	30.chn	45	7.5	53	A9	7E+05	2E+06	11.1	3.7	1.2	0.86	5.6	0.14	1.03	4.9	0.15	0.0		4.1	0.00		0.00	0.00		0.00	0.0		0.0	0.0		0.0	6.0	0
5	115	32.chn	45	7.5	53	B9	7E+05	2E+06	12.8	3.5	1.3	0.90	5.4	0.15	1.19	4.7	0.17	0.0		4.1	0.00		0.00	0.00		0.00	0.0		0.0	0.0		0.0	6.6	0
5	115	36.chn	45	7.5	53	C9	7E+05	2E+06	12.2	3.6	1.3	0.91	5.7	0.16	1.32	4.3	0.17	5.3	23.9	3.8	0.00		0.00	0.16	16.4	0.08	0.0		0.0	0.0		0.0	7.0	0
5	115	64.chn	45	7.5	19.4	C9	7E+05	2E+06	10.4	3.7	1.2	0.96	5.4	0.16	1.15	4.7	0.16	0.0		4.1	0.00		0.00	0.00		0.00	0.0		0.0	0.0		0.0	7.0	0
5	115	14.txt	1093	1	12.6	W9	7E+05	2E+06	14.8	2.9	1.3	1.06	4.3	0.14	1.73	3.0	0.16	0.0		0.0	0.21	19.9	0.13	0.52	6.4	0.10	0.0		0.0	0.0		0.0	6.3	0
5	115	16.chn	45	7.5	53	A10	7E+05	2E+06	8.1	4.5	1.1	0.82	5.6	0.14	0.91	5.4	0.15	0.0		4.1	0.00		0.00	0.00		0.00	0.0		0.0	0.0		0.0	4.9	0
5	115	33.chn	45	7.5	53	B10	7E+05	2E+06	12.9	3.5	1.4	0.91	5.6	0.15	1.33	4.3	0.17	5.9	24.3	4.3	0.00		0.00	0.12	23.4	0.08	0.0		0.0	0.0		0.0	7.5	0
5	115	35.chn	45	7.5	53	C10	7E+05	2E+06	12.4	3.5	1.3	1.11	4.8	0.16	1.41	4.2	0.18	0.0		4.1	0.27	21.2	0.17	0.10	26.3	0.08	0.0		0.0	0.0		0.0	7.6	0
5	115	49.chn	45	7.5	53	D10	7E+05	2E+06	14.0	3.3	1.4	1.17	4.7	0.16	1.53	4.0	0.18	0.0		4.1	0.23	24.5	0.17	0.41	8.6	0.11	0.0		0.0	0.0		0.0	8.4	0
5	115	13.txt	1093	1	12.6	W10	7E+05	2E+06	12.3	3.2	1.2	1.02	4.2	0.13	1.42	3.4	0.14	0.0		0.0	0.16	23.3	0.11	0.46	7.0	0.10	0.0		0.0	0.0		0.0	5.3	0
5	115	68.chn	45	7.5	19.4	P2	7E+05	2E+06	11.8	3.5	1.2	1.25	4.5	0.17	1.34	4.3	0.17	4.6	28.1	3.8	0.00		0.00	0.10	28.7	0.08	0.0		0.0	0.0		0.0	4.3	0
5	115	17.chn	45	7.5	53	A11	7E+05	2E+06	10.3	3.8	1.2	0.89	5.4	0.14	1.12	4.6	0.15	0.0		4.1	0.00		0.00	0.16	17.1	0.08	0.0		0.0	0.0		0.0	6.0	0
5	115	18.chn	45	7.5	53	B11	7E+05	2E+06	13.9	3.4	1.4	1.13	4.8	0.16	1.51	4.0	0.18	0.0		4.1	0.00		0.00	0.09	34.0	0.09	0.0		0.0	0.0		0.0	8.5	0
5	115	34.chn	45	7.5	53	C11	7E+05	2E+06	13.6	3.4	1.4	1.05	5.0	0.16	1.43	4.1	0.18	0.0		4.1	0.00		0.00	0.12	22.7	0.08	0.0		0.0	0.0		0.0	7.6	0
5	115	48.chn	45	7.5	53	D11	7E+05	2E+06	11.5	3.7	1.3	1.11	4.9	0.16	1.35	4.1	0.17	0.0		4.1	0.00		0.00	0.39	9.1	0.11	0.0		0.0	0.0		0.0	7.2	0
5	115	12.txt	1093	1	12.6	W11	7E+05	2E+06	14.1	3.0	1.3	1.13	4.1	0.14	1.59	3.2	0.15	4.4	22.4	3.0	0.00		0.00	0.52	6.1	0.10	0.0		0.0	0.0		0.0	5.9	0
5	209	110.chn	6A6	6.5	44	8H	7E+05	2E+06	9.1	0.4	0.1	0.66	0.7	0.01	0.85	0.6	0.02	1.9	6.2	0.3	0.09	5.9	0.02	0.50	0.8	0.01	0.0		0.0	0.0		0.0	5.5	0
6	156.2	313.chn	1A66F	6.5	44	G03	8E+05	2E+06	12.0	0.5	0.2	0.83	1.0	0.02	1.12	1.0	0.03	1.4	13.0	0.6	0.08	7.0	0.02	0.05	6.0	0.01	0.2	20.0	0.1	0.0		0.0	7.0	0
6	165	307.chn	1A66F	6.5	44	J03+25	8E+05	2E+06	14.8	0.5	0.2	0.82	1.0	0.02	1.04	1.0	0.03	1.6	12.0	0.6	0.07	8.0	0.02	0.05	6.0	0.01	0.4	11.0	0.1	0.0		0.0	7.1	0
6	165	308.chn	1A66F	6.5	44	J03+25	8E+05	2E+06	14.3	0.5	0.2	0.85	1.0	0.03	0.91	1.0	0.03	1.6	12.0	0.6	0.07	8.0	0.02	0.04	8.0	0.01	0.4	10.0	0.1	0.0		0.0	6.7	0
6	165	309.chn	1A66F	6.5	44	K03+25	8E+05	2E+06	14.2	0.5	0.2	0.88	1.0	0.03	0.82	1.0	0.02	1.8	11.0	0.6	0.06	8.0	0.02	0.03	9.0	0.01	0.5	8.0	0.1	0.0		0.0	6.4	0
6	156.2	268.chn	1A66F	6.5	44	F04	8E+05	2E+06	17.3	0.5	0.3	0.92	1.0	0.03	1.27	1.0	0.04	1.7	12.0	0.6	0.08	8.0	0.02	0.05	6.0	0.01	0.0		0.0	0.0		0.0	8.3	0
6	156.2	312.chn	1A66F	6.5	44	G04	8E+05	2E+06	12.4	0.5	0.2	0.90	1.0	0.03	1.20	1.0	0.04	1.3	16.0	0.6	0.07	8.0	0.02	0.06	5.0	0.01	0.2	21.0	0.1	0.0		0.0	7.2	0
6	156.2	314A.chn	1A66F	6.5	44	H04	8E+05	2E+06	12.5	1.0	0.4	0.81	1.0	0.02	1.15	1.0	0.03	2.0	16.0	1.0	0.06	16.0	0.03	0.09	6.0	0.02	0.4	21.0	0.2	0.0		0.0	7.0	0
6	156.2	317.chn	1A66F	6.5	44	H04	8E+05	2E+06	13.0	0.5	0.2	0.76	1.0	0.02	1.19	1.0	0.04	1.6	13.0	0.6	0.09	7.0	0.02	0.10	3.0	0.01	0.3	12.0	0.1	0.0		0.0	7.2	0
6	165	303.chn	1A66F	6.5	44	I04	8E+05	2E+06	12.5	0.5	0.2	0.79	1.0	0.02	1.13	1.0	0.03	1.5	13.0	0.6	0.07	8.0	0.02	0.25	1.0	0.01	1.0	4.0	0.1	0.0		0.0	6.9	0
6	165	302.chn	1A66F	6.5	44	J04	8E+05	2E+06	11.7	0.5	0.2	0.81	1.0	0.02	1.11	1.0	0.03	1.3	15.0	0.6	0.07	8.0	0.02	0.28	1.0	0.01	1.5	3.0	0.1	0.0		0.0	6.8	0
6	156.2	269.chn	1A66F	6.5	44	F05	8E+05	2E+06	11.6	0.5	0.2	0.72	1.0	0.02	1.05	1.0	0.03	1.3	15.0	0.6	0.07	9.0	0.02	0.08	4.0	0.01	0.0		0.0	0.0		0.0	6.3	0
6	156.2	323.chn	1A66F	6.5	44	G05	8E+05	2E+06	17.6	0.5	0.3	1.06	1.0	0.03	1.32	1.0	0.04	1.8	12.0	0.6	0.09	7.0	0.02	0.02	15.0	0.01	0.0		0.0	0.0		0.0	8.7	0
6	156.2	318.chn	1A66F	6.5	44	H05	8E+05	2E+06	12.5	0.5	0.2	0.80	1.0	0.02	1.15	1.0	0.03	1.5	13.0	0.6	0.09	7.0	0.02	0.09	3.0	0.01	0.4	11.0	0.1	0.0		0.0	7.1	0
6	165	304.chn	1A66F	6.5	44	I05	8E+05	2E+06	18.1	0.5	0.3	0.86	1.0	0.03	1.46	1.0	0.04	1.7	13.0	0.6	0.08	8.0	0.02	0.11	3.0	0.01	0.4	10.0	0.1	0.0		0.0	9.1	0
6	165	301.chn	1A66F	6.5	44	J05	8E+05	2E+06	14.9	0.5	0.2	0.75	1.0	0.02	0.97	1.0	0.03	1.4	14.0	0.6	0.08	8.0	0.02	0.07	4.0	0.01	0.4	11.0	0.1	0.0		0.0	6.9	0
6	156.2	252.chn	1A66F	6.5	44	F06	8E+05	2E+06	11.0	0.5	0.2	0.68	1.0	0.02	1.05	1.0	0.03	1.4	13.0	0.6	0.07	8.0	0.02	0.11	3.0	0.01	0.2	25.0	0.1	0.0		0.0	6.1	0
6	156.2	282.chn	1A66F	6.5	44	G06	8E+05	2E+06	17.0	0.5	0.3	0.80	1.0	0.02	1.21	1.0	0.04	1.7	12.0	0.6	0.05	10.0	0.02	0.01	26.0	0.01	0.0		0.0	0.0		0.0	7.8	0
6	156.2	324.chn	1A66F	6.5	44	H06	8E+05	2E+06	16.3	0.5	0.2	0.97	1.0	0.03	1.21	1.0	0.04	1.9	11.0	0.6	0.08	7.0	0.02	0.01	23.0	0.01	0.0		0.0	0.0		0.0	8.0	0
6	156.2	321.chn	1A66F	6.5	44	I06	8E+05	2E+06	14.5	0.5	0.2	0.72	1.0	0.02	1.19	1.0	0.04	1.4	14.0	0.6	0.07	8.0	0.02	0.09	3.0	0.01	0.3	15.0	0.1	0.0		0.0	7.4	0
6	156.2	251.chn	1A66F	6.5	44	F07	8E+05	2E+06	12.0	0.5	0.2	0.73	1.0	0.02	1.11	1.0	0.03	1.4	14.0	0.6	0.08	8.0	0.02	0.12	3.0	0.01	0.0		0.0	0.0		0.0	6.7	0
6	156.2	224.chn	1A66F	6.5	44	G07	8E+05	2E+06	11.7	0.5	0.2	0.81	1.0	0.02	1.04	1.0	0.03	1.6	11.0	0.5	0.06	9.0	0.02	0.02	12.0	0.01	0.1	29.0	0.1	0.0		0.0	8.2	0
6	156.2	283.chn	1A66F	6.5	44	H07	8E+05	2E+06	17.3	0.5	0.3	0.87	1.0	0.03	1.25	1.0	0.04	1.8	12.0	0.6	0.08	8.0	0.02	0.01	28.0	0.01	0.0		0.0	0.0		0.0	8.0	0
6	156.2	325.chn	1A66F	6.5	44	I07	8E+05	2E+06	16.8	0.5	0.3	0.89	1.0	0.03	1.22	1.0	0.03	1.5	14.0	0.6	0.08	8.0	0.02	0.02	18.0	0.01	0.0		0.0	0.0		0.0	7.9	0
6	156.2	322.chn	1A66F	6.5	44	J07	8E+05	2E+06	16.6	0.5	0.2	0.75	1.0	0.02	1.15	1.0	0.03	1.6	12.0	0.6	0.06	9.0	0.02	0.09	4.0	0.01	0.3	13.0	0.1	0.0		0.0	7.6	0
6	141	300.chn	1A66F	6.5	44	M07	8E+05	2E+06	18.6	0.5	0.3	0.77	1.0	0.02	1.09	1.0	0.03	1.6	13.0	0.6	0.07	8.0	0.02	0.03	9.0	0.01	0.3	14.0	0.1	0.0		0.0	8.0	0
6	156.2	270.chn	1A66F	6.5	44	E08	8E+05	2E+06	10.8	0.5	0.2	0.75	1.0	0.02	1.21	1.0	0.04	1.4	14.0	0.6	0.08	8.0	0.02	0.37	1.0	0.01	0.2	17.0	0.1	0.0		0.0	6.9	0
6	156.2	9.chn	1A62F6F	6.5	44	F08	8E+05	2E+06	11.9	0.5	0.2	0.89	1.0	0.03	1.16	1.0	0.03	1.4	16.0	0.7	0.09	8.0	0.02	0.08	4.0	0.01	0.2	28.0	0.1	0.0		0.0	6.8	0

OU	IHSS Number	File Name	Detector Array	Detector Height (m)	FOV m	Station	North feet	East feet	K-40 pCi/g	% Error	MDA pCi/g	Ra-226 pCi/g	% Error	MDA pCi/g	Th-232 pCi/g	% Error	MDA pCi/g	U-238 pCi/g	% Error	MDA pCi/g	U-235 pCi/g	% Error	MDA pCi/g	Cs-137 pCi/g	% Error	MDA pCi/g	Am-241 pCi/g	% Error	MDA pCi/g	Pu-239 nCi/g	% Error	MDA nCi/g	Exposure uR/h	% FOV Blocked
6	156.2	223.chn	1A66F	6.5	44	G08	8E+05	2E+06	13.5	0.5	0.2	0.96	1.0	0.03	1.00	1.0	0.03	1.5	13.0	0.6	0.06	8.0	0.01	0.01	27.0	0.01	0.0		0.0	0.0		0.0	7.3	0
6	156.2	242.chn	1A66F	6.5	44	H08	8E+05	2E+06	14.0	0.5	0.2	0.79	1.0	0.02	1.09	1.0	0.03	1.6	12.0	0.6	0.09	7.0	0.02	0.02	12.0	0.01	0.0		0.0	0.0		0.0	6.9	0
6	156.2	243.chn	1A66F	6.5	44	I08	8E+05	2E+06	12.1	0.5	0.2	0.67	1.0	0.02	0.97	1.0	0.03	1.2	16.0	0.6	0.06	10.0	0.02	0.02	12.0	0.01	0.0		0.0	0.0		0.0	6.1	0
6	156.2	284.chn	1A66F	6.5	44	J08	8E+05	2E+06	17.6	0.5	0.3	0.86	1.0	0.03	1.29	1.0	0.04	1.7	12.0	0.6	0.06	9.0	0.02	0.03	12.0	0.01	0.2	24.0	0.1	0.0		0.0	8.3	0
6	141	295.chn	1A66F	6.5	44	K08	8E+05	2E+06	17.8	0.5	0.3	0.85	1.0	0.03	1.30	1.0	0.04	1.7	12.0	0.6	0.11	7.0	0.02	0.06	6.0	0.01	0.3	15.0	0.1	0.0		0.0	8.5	0
6	141	296.chn	1A66F	6.5	44	L08	8E+05	2E+06	19.4	0.5	0.3	0.80	1.0	0.02	1.27	1.0	0.04	2.0	10.0	0.6	0.09	8.0	0.02	0.06	6.0	0.01	0.3	12.0	0.1	0.0		0.0	8.5	0
6	141	297.chn	1A66F	6.5	44	M08	8E+05	2E+06	20.3	0.5	0.3	0.78	1.0	0.02	1.35	1.0	0.04	1.6	13.0	0.6	0.09	8.0	0.02	0.05	6.0	0.01	0.2	18.0	0.1	0.0		0.0	8.9	0
6	141	288.chn	1A66F	6.5	44	M09	8E+05	2E+06	17.6	0.5	0.3	0.88	1.0	0.03	1.29	1.0	0.04	1.7	13.0	0.6	0.09	7.0	0.02	0.08	4.0	0.01	0.5	9.0	0.1	0.0		0.0	8.4	0
6	156.2	287.chn	1A66F	6.5	44	N09	8E+05	2E+06	15.8	0.5	0.2	0.88	1.0	0.03	1.27	1.0	0.04	1.7	12.0	0.6	0.07	8.0	0.02	0.13	3.0	0.01	0.7	6.0	0.1	0.0		0.0	8.1	0
6	156.2	271.chn	1A66F	6.5	44	E09	8E+05	2E+06	10.2	0.5	0.2	0.74	1.0	0.02	1.15	1.0	0.03	1.7	8.0	0.4	0.07	9.0	0.02	0.24	2.0	0.01	0.0		0.0	0.0		0.0	6.8	0
6	156.2	281.chn	1A66F	6.5	44	E09	8E+05	2E+06	11.0	0.5	0.2	0.80	1.0	0.02	1.19	1.0	0.04	1.7	11.0	0.6	0.08	8.0	0.02	0.24	2.0	0.01	0.0		0.0	0.0		0.0	6.8	0
6	156.2	8.chn	1A62F6F	6.5	44	F09	8E+05	2E+06	11.9	0.5	0.2	0.93	1.0	0.03	1.13	1.0	0.03	1.5	14.0	0.6	0.09	7.0	0.02	0.07	5.0	0.01	0.0		0.0	0.0		0.0	6.8	0
6	156.2	280.chn	1A66F	6.5	44	G09	8E+05	2E+06	14.7	0.5	0.2	0.90	1.0	0.03	1.13	1.0	0.03	1.6	12.0	0.6	0.08	7.0	0.02	0.02	12.0	0.01	0.0		0.0	0.0		0.0	7.2	0
6	156.2	241.chn	1A66F	6.5	44	H09	8E+05	2E+06	17.2	0.5	0.3	0.75	1.0	0.02	1.16	1.0	0.03	1.3	15.0	0.6	0.06	9.0	0.02	0.03	10.0	0.01	0.0		0.0	0.0		0.0	8.0	0
6	156.2	237.chn	1A66F	6.5	44	I09	8E+05	2E+06	13.0	0.5	0.2	0.76	1.0	0.02	1.13	1.0	0.03	1.5	13.0	0.6	0.08	8.0	0.02	0.06	5.0	0.01	0.2	17.0	0.1	0.0		0.0	7.0	0
6	141	294.chn	1A66F	6.5	44	J09	8E+05	2E+06	11.6	0.5	0.2	0.75	1.0	0.02	1.14	1.0	0.03	1.5	13.0	0.6	0.08	8.0	0.02	0.11	3.0	0.01	0.4	11.0	0.1	0.0		0.0	6.6	0
6	141	290.chn	1A66F	6.5	44	K09	8E+05	2E+06	12.5	0.5	0.2	0.77	1.0	0.02	1.25	1.0	0.04	1.6	12.0	0.6	0.10	7.0	0.02	0.16	2.0	0.01	0.3	13.0	0.1	0.0		0.0	7.2	0
6	141	289.chn	1A66F	6.5	44	L09	8E+05	2E+06	13.5	0.5	0.2	0.80	1.0	0.02	1.30	1.0	0.04	1.7	12.0	0.6	0.09	7.0	0.02	0.24	2.0	0.01	0.8	5.0	0.1	0.0		0.0	7.7	0
6	156.2	293.chn	1A66F	6.5	44	O09	8E+05	2E+06	15.3	0.5	0.2	0.90	1.0	0.03	1.17	1.0	0.04	1.6	13.0	0.6	0.09	7.0	0.02	0.16	2.0	0.01	0.4	9.0	0.1	0.0		0.0	7.9	0
6	156.2	259.chn	1A66F	6.5	44	E10	8E+05	2E+06	10.3	0.5	0.2	0.65	1.0	0.02	0.95	1.0	0.03	1.3	14.0	0.6	0.06	9.0	0.02	0.11	3.0	0.01	0.2	26.0	0.1	0.0		0.0	5.8	0
6	156.2	7.chn	1A62F6F	6.5	44	F10	8E+05	2E+06	12.1	0.5	0.2	0.94	1.0	0.03	1.10	1.0	0.03	1.6	13.0	0.6	0.07	9.0	0.02	0.05	7.0	0.01	0.0		0.0	0.0		0.0	6.8	0
6	156.2	227.chn	1A66F	6.5	44	G10	8E+05	2E+06	12.2	0.5	0.2	0.76	1.0	0.02	0.94	1.0	0.03	1.6	9.0	0.4	0.05	10.0	0.01	0.02	11.0	0.01	0.0		0.0	0.0		0.0	6.3	0
6	156.2	231.chn	1A66F	6.5	44	H10	8E+05	2E+06	12.6	0.5	0.2	0.79	1.0	0.02	1.15	1.0	0.03	1.5	13.0	0.6	0.06	9.0	0.02	0.08	4.0	0.01	0.2	18.0	0.1	0.0		0.0	6.8	0
6	156.2	275.chn	1A66F	6.5	44	D11	8E+05	2E+06	11.4	0.5	0.2	0.79	1.0	0.02	1.10	1.0	0.03	1.7	11.0	0.6	0.08	7.0	0.02	0.21	2.0	0.01	0.1	35.0	0.1	0.0		0.0	6.7	0
6	156.2	258.chn	1A66F	6.5	44	E11	8E+05	2E+06	10.4	0.5	0.2	0.81	1.0	0.02	1.01	1.0	0.03	1.4	13.0	0.5	0.09	7.0	0.02	0.09	3.0	0.01	0.0		0.0	0.0		0.0	6.0	0
6	156.2	3.chn	1A62F6F	6.5	44	F11	8E+05	2E+06	12.6	0.5	0.2	0.74	1.0	0.02	0.92	1.0	0.03	1.3	17.0	0.6	0.07	10.0	0.02	0.03	11.0	0.01	0.0		0.0	0.0		0.0	6.1	0
6	156.2	228.chn	1A66F	6.5	44	G11	8E+05	2E+06	13.1	0.5	0.2	1.02	1.0	0.03	1.19	1.0	0.04	1.5	13.0	0.6	0.07	7.0	0.02	0.04	7.0	0.01	0.0		0.0	0.0		0.0	7.4	0
6	156.2	230.chn	1A66F	6.5	44	H11	8E+05	2E+06	11.0	0.5	0.2	0.79	1.0	0.02	1.10	1.0	0.03	1.4	14.0	0.6	0.08	8.0	0.02	0.17	2.0	0.01	0.2	22.0	0.1	0.0		0.0	6.4	0
6	156.2	256.chn	1A66F	6.5	44	D12	8E+05	2E+06	10.7	0.5	0.2	0.92	1.0	0.03	0.91	1.0	0.03	1.3	18.0	0.7	0.06	9.0	0.02	0.09	3.0	0.01	0.0		0.0	0.0		0.0	8.0	0
6	156.2	257.chn	1A66F	6.5	44	E12	8E+05	2E+06	11.9	0.5	0.2	0.92	1.0	0.03	1.09	1.0	0.03	1.6	12.0	0.6	0.08	7.0	0.02	0.06	5.0	0.01	0.0		0.0	0.0		0.0	6.8	0
6	156.2	1.chn	1A62F6F	6.5	44	F12	8E+05	2E+06	14.9	0.5	0.2	0.85	1.0	0.03	1.21	1.0	0.04	1.4	16.0	0.7	0.08	9.0	0.02	0.04	8.0	0.01	0.0		0.0	0.0		0.0	7.5	0
6	156.2	229.chn	1A66F	6.5	44	G12	8E+05	2E+06	11.6	0.5	0.2	0.89	1.0	0.03	1.09	1.0	0.03	1.5	13.0	0.6	0.07	7.0	0.02	0.08	4.0	0.01	0.0		0.0	0.0		0.0	6.7	0
6	156.2	255.chn	1A66F	6.5	44	D13	8E+05	2E+06	11.5	0.5	0.2	0.98	1.0	0.03	1.03	1.0	0.03	1.4	14.0	0.6	0.07	7.0	0.02	0.09	4.0	0.01	0.0		0.0	0.0		0.0	8.3	0
6	156.2	262.chn	1A66F	6.5	44	E13	8E+05	2E+06	13.3	0.5	0.2	0.94	1.0	0.03	1.10	1.0	0.03	1.3	15.0	0.6	0.07	8.0	0.02	0.07	4.0	0.01	0.0		0.0	0.0		0.0	7.3	0
6	156.2	2.chn	1A62F6F	6.5	44	F13	8E+05	2E+06	11.1	0.5	0.2	0.77	1.0	0.02	1.07	1.0	0.03	1.4	15.0	0.6	0.08	8.0	0.02	0.11	3.0	0.01	0.0		0.0	0.0		0.0	6.2	0
6	156.2	274.chn	1A66F	6.5	44	C14	8E+05	2E+06	10.8	0.5	0.2	0.77	1.0	0.02	1.15	1.0	0.03	1.5	12.0	0.5	0.10	7.0	0.02	0.30	1.0	0.01	0.1	30.0	0.1	0.0		0.0	6.4	0
6	156.2	6.chn	1A62F6F	6.5	44	D14	8E+05	2E+06	11.8	0.5	0.2	0.98	1.0	0.03	1.10	1.0	0.03	1.3	16.0	0.6	0.07	9.0	0.02	0.11	3.0	0.01	0.0		0.0	0.0		0.0	6.8	0
6	156.2	276.chn	1A66F	6.5	44	E14	8E+05	2E+06	11.7	0.5	0.2	0.80	1.0	0.02	1.08	1.0	0.03	1.5	13.0	0.6	0.08	7.0	0.02	0.20	2.0	0.01	0.1	31.0	0.1	0.0		0.0	6.6	0
6	156.2	265.chn	1A66F	6.5	44	C15	8E+05	2E+06	10.2	0.5	0.2	0.70	1.0	0.02	1.16	1.0	0.03	1.2	16.0	0.6	0.08	8.0	0.02	0.46	1.0	0.01	0.2	21.0	0.1	0.0		0.0	6.7	0
6	156.2	263.chn	1A66F	6.5	44	D15	8E+05	2E+06	12.1	0.5	0.2	0.95	1.0	0.03	1.14	1.0	0.03	1.6	13.0	0.6	0.08	7.0	0.02	0.18	2.0	0.01	0.0		0.0	0.0		0.0	7.1	0
6	156.2	277.chn	1A66F	6.5	44	E15	8E+05	2E+06	10.4	0.5	0.2	0.75	1.0	0.02	1.18	1.0	0.04	1.4	13.0	0.5	0.08	8.0	0.02	0.44	1.0	0.01	0.2	26.0	0.1	0.0		0.0	6.7	0
6	156.2	264.chn	1A66F	6.5	44	D16	8E+05	2E+06	10.1	0.5	0.2	0.85	1.0	0.03	1.10	1.0	0.03	1.3	14.0	0.6	0.08	7.0	0.02	0.35	1.0	0.01	0.2	20.0	0.1	0.0		0.0	6.6	0
8	172	178.chn	4A6	6.5	44	4T	7E+05	2E+06	19.8	0.3	0.2	0.86	0.7	0.02	1.21	0.6	0.02	1.7	8.3	0.4	0.05	9.0	0.01	0.01	18.7	0.01	0.0		0.0	0.0		0.0	9.1	50
8	172	180.chn	4A6	6.5	44	4V	7E+05	2E+06	16.1	0.3	0.1	0.76	0.7	0.02	1.00	0.6	0.02	2.1	6.0	0.4	0.07	7.0	0.02	0.01	19.7	0.01	0.1	30.4	0.1	0.0		0.0	7.4	0
8	172	179.chn	4A6	6.5	44	4U	7E+05	2E+06	17.4	0.3	0.2	0.79	0.7	0.02	1.06	0.6	0.02	1.8	7.2	0.4	0.04	10.0	0.01	0.01	23.0	0.01	0.0		0.0	0.0		0.0	8.1	40
8	172	177.chn	4A6	6.5	44	4S	7E+05	2E+06	22.0	0.3	0.2	0.94	0.7	0.02	1.33	0.5	0.02	2.0	7.2	0.4	0.09	7.0	0.02	0.02	13.7	0.01	0.0		0.0	0.0		0.0	9.9	50
8	172	36.chn	6A6	6.5	44	6X	8E+05	2E+06	15.7	0.3	0.1	0.87	0.7	0.02	1.05	0.6	0.02	2.3	5.9	0.4	0.09	6.1	0.02	0.01	21.2	0.01	0.0		0.0	0.0		0.0	7.5	0
8	172	174.chn	4A6	6.5	44	4R	7E+05	2E+06	20.3	0.3	0.2	0.93	0.6	0.02	1.30	0.5	0.02	2.1	6.7	0.4	0.06	8.0	0.01	0.01	19.7	0.01	0.8	4.9	0.1	0.0		0.0	9.6	0
8	172	37.chn	6A6	6.5	44	6Y	8E+05	2E+06	17.1	0.3	0.2	0.94	0.6	0.02	1.28	0.5	0.02	2.2	6.2	0.4	0.08	7.1	0.02	0.04	7.4	0.01	0.0		0.0	0.0		0.0	8.5	0

OU	IHSS Number	File Name	Detector Array	Detector Height (m)	FOV m	Station	North feet	East feet	K-40 pCi/g	% Error	MDA pCi/g	Ra-226 pCi/g	% Error	MDA pCi/g	Th-232 pCi/g	% Error	MDA pCi/g	U-238 pCi/g	% Error	MDA pCi/g	U-235 pCi/g	% Error	MDA pCi/g	Cs-137 pCi/g	% Error	MDA pCi/g	Am-241 pCi/g	% Error	MDA pCi/g	Pu-239 nCi/g	% Error	MDA nCi/g	Exposure uR/h	% FOV Blocked
8	172	173.chn	4A6	6.5	44	4Q	7E+05	2E+06	20.9	0.3	0.2	0.95	0.6	0.02	1.35	0.5	0.02	2.0	7.0	0.4	0.05	8.0	0.01	0.04	7.6	0.01	5.1	0.9	0.1	0.0		0.0	9.7	0
8	172	38.chn	6A6	6.5	44	6Z	8E+05	2E+06	18.7	0.3	0.2	0.96	0.6	0.02	1.46	0.5	0.02	2.3	6.0	0.4	0.09	6.7	0.02	0.04	7.5	0.01	0.0		0.0	0.0		0.0	9.3	0
8	172	39.chn	6A6	6.5	44	7A	8E+05	2E+06	16.0	0.3	0.1	0.89	0.7	0.02	1.24	0.5	0.02	2.4	5.7	0.4	0.09	6.6	0.02	0.10	3.0	0.01	0.0		0.0	0.0		0.0	8.1	0
8	172	171.chn	4A6	6.5	44	4P	7E+05	2E+06	22.7	0.3	0.2	1.16	0.6	0.02	2.15	0.4	0.03	2.7	5.7	0.5	0.08	7.0	0.02	0.01	25.5	0.01	10.6	0.5	0.2	0.0		0.0	12.5	0
8	172	42.chn	6A6	6.5	44	7B	8E+05	2E+06	17.4	0.3	0.2	0.95	0.6	0.02	1.35	0.5	0.02	1.9	7.3	0.4	0.08	7.1	0.02	0.04	7.3	0.01	0.0		0.0	0.0		0.0	8.7	0
8	172	172.chn	4A6	6.5	44	4O	7E+05	2E+06	19.7	0.3	0.2	1.02	0.6	0.02	1.54	0.5	0.02	3.3	4.6	0.5	0.08	7.0	0.02	0.01	26.1	0.01	19.1	0.3	0.2	0.5	26.9	0.4	10.3	0
8	172	45.chn	6A6	6.5	44	7C	8E+05	2E+06	19.7	0.3	0.2	1.10	0.6	0.02	1.44	0.5	0.02	2.6	5.7	0.4	0.10	5.9	0.02	0.04	7.4	0.01	0.0		0.0	0.0		0.0	9.6	0
8	172	46.chn	6A6	6.5	44	7D	8E+05	2E+06	20.1	0.3	0.2	0.96	0.6	0.02	1.35	0.5	0.02	2.2	6.6	0.4	0.08	7.3	0.02	0.01	25.7	0.01	0.0		0.0	0.0		0.0	9.3	10
8		183.chn	4A6	6.5	44	4W	7E+05	2E+06	18.4	0.3	0.2	1.03	0.6	0.02	1.15	0.6	0.02	5.8	2.6	0.5	0.07	8.0	0.02	0.00		0.00	0.0		0.0	0.0		0.0	8.9	50
8		186.chn	4A6	6.5	44	4Z	7E+05	2E+06	21.4	0.3	0.2	1.25	0.5	0.02	1.91	0.4	0.02	3.3	4.7	0.5	0.07	7.0	0.01	0.01	45.0	0.01	0.0		0.0	0.0		0.0	11.6	10
8		185.chn	4A6	6.5	44	4Y	7E+05	2E+06	19.9	0.3	0.2	1.22	0.5	0.02	1.84	0.4	0.02	3.2	4.7	0.5	0.06	8.0	0.02	0.01	35.0	0.01	0.0		0.0	0.0		0.0	11.2	40
8		184.chn	4A6	6.5	44	4X	7E+05	2E+06	19.4	0.3	0.2	1.16	0.6	0.02	1.81	0.4	0.02	2.6	5.6	0.4	0.06	8.0	0.01	0.01	29.7	0.01	0.0		0.0	0.0		0.0	10.8	40
8	172	169.chn	4A6	6.5	44	4N	7E+05	2E+06	19.7	0.3	0.2	1.00	0.6	0.02	1.51	0.5	0.02	2.4	6.2	0.4	0.05	9.0	0.01	0.01	39.0	0.01	0.0		0.0	0.0		0.0	10.1	50
8	172	166.chn	4A6	6.5	44	4M	7E+05	2E+06	16.3	0.3	0.1	1.14	0.5	0.02	0.97	0.7	0.02	3.0	4.7	0.4	0.06	7.0	0.01	0.01	18.8	0.01	0.0		0.0	0.0		0.0	8.2	10
8	172	130.chn	4A6	6.5	44	3O	7E+05	2E+06	15.7	0.3	0.1	1.00	0.6	0.02	0.86	0.8	0.02	7.1	2.1	0.4	0.07	7.0	0.02	0.00		0.00	0.1	29.4	0.1	0.0		0.0	7.9	0
8	172	129.chn	4A6	6.5	44	3N	7E+05	2E+06	16.1	0.3	0.1	0.82	0.7	0.02	0.99	0.7	0.02	9.5	1.7	0.5	0.09	8.0	0.02	0.04	7.6	0.01	0.2	17.7	0.1	0.0		0.0	8.2	0
8	172	128.chn	4A6	6.5	44	3M	7E+05	2E+06	16.1	0.3	0.1	0.80	0.7	0.02	0.99	0.6	0.02	4.7	3.1	0.4	0.07	8.0	0.02	0.06	4.5	0.01	0.3	14.6	0.1	0.0		0.0	7.5	0
8	172	118.chn	4A6	6.5	44	3K	7E+05	2E+06	20.3	0.3	0.2	0.92	0.6	0.02	1.20	0.6	0.02	2.4	6.1	0.4	0.05	9.0	0.01	0.03	9.5	0.01	0.3	15.5	0.1	0.0		0.0	9.2	0
8	172	117.chn	4A6	6.5	44	3J	7E+05	2E+06	12.2	0.4	0.1	0.83	0.7	0.02	0.86	0.7	0.02	1.5	8.6	0.4	0.05	8.0	0.01	0.10	2.9	0.01	1.4	2.9	0.1	0.0		0.0	6.5	0
8	172	116.chn	4A6	6.5	44	3I	7E+05	2E+06	12.1	0.4	0.1	0.89	0.6	0.02	0.91	0.7	0.02	1.6	8.1	0.4	0.05	9.0	0.01	0.11	2.5	0.01	3.4	1.2	0.1	0.0		0.0	6.7	0
8	150.1	49.chn	6A6	6.5	44	7E	8E+05	2E+06	21.9	0.3	0.2	0.91	0.7	0.02	1.52	0.5	0.02	2.4	6.1	0.4	0.07	7.8	0.02	0.01	27.6	0.01	0.0		0.0	0.0		0.0	9.8	20
8	150.1	50.chn	6A6	6.5	44	7F	8E+05	2E+06	23.7	0.3	0.2	0.95	0.7	0.02	1.66	0.5	0.02	2.4	6.2	0.5	0.10	6.7	0.02	0.01	43.0	0.01	0.0		0.0	0.0		0.0	10.7	15
8	150.1	51.chn	6A6	6.5	44	7G	8E+05	2E+06	20.9	0.3	0.2	0.85	0.7	0.02	1.65	0.4	0.02	2.3	6.3	0.4	0.06	8.4	0.02	0.01	32.1	0.01	0.0		0.0	0.0		0.0	9.7	25
8	150.1	54.chn	6A6	6.5	44	7FB	8E+05	2E+06	21.8	0.3	0.2	1.02	0.6	0.02	1.55	0.5	0.02	1.7	12.6	0.6	0.07	7.3	0.02	0.00		0.00	0.0		0.0	0.0		0.0	10.2	20
8	150.1	55.chn	6A6	6.5	44	7H	8E+05	2E+06	19.9	0.3	0.2	0.92	0.7	0.02	1.50	0.5	0.02	1.5	13.6	0.6	0.06	8.7	0.02	0.02	12.5	0.01	0.5	8.5	0.1	2.7	5.5	0.5	9.6	50
8	172	56.chn	6A6	6.5	44	7I	8E+05	2E+06	20.5	0.3	0.2	0.96	0.7	0.02	1.64	0.5	0.02	1.8	12.2	0.7	0.06	9.5	0.02	0.08	4.1	0.01	1.2	3.7	0.1	8.8	1.9	0.5	10.3	20
8	139.1N	65.chn	6A6	6.5	44	7M	8E+05	2E+06	19.0	0.3	0.2	0.96	0.6	0.02	1.42	0.5	0.02	1.4	14.5	0.6	0.08	7.1	0.02	0.01	20.3	0.01	0.2	23.3	0.1	0.0		0.0	9.0	40
8	139.1N	66.chn	6A6	6.5	44	7N	8E+05	2E+06	20.5	0.3	0.2	0.98	0.6	0.02	1.47	0.5	0.02	1.7	12.3	0.6	0.06	8.2	0.01	0.01	20.9	0.01	0.3	15.4	0.1	0.0		0.0	9.6	30
8	118.1	67.chn	6A6	6.5	44	7O	8E+05	2E+06	15.3	0.3	0.1	0.88	0.7	0.02	1.23	0.5	0.02	2.0	6.7	0.4	0.08	7.3	0.02	0.03	8.2	0.01	0.2	15.3	0.1	1.3	10.2	0.4	7.9	60
8	150.2	68.chn	6A6	6.5	44	7P	8E+05	2E+06	15.2	0.3	0.1	0.81	0.7	0.02	1.09	0.6	0.02	2.0	6.6	0.4	0.06	8.5	0.01	0.02	14.6	0.01	0.0		0.0	0.0		0.0	7.3	20
8	150.2	71.chn	6A6	6.5	44	7Q	8E+05	2E+06	17.4	0.3	0.2	0.82	0.7	0.02	1.25	0.5	0.02	2.2	6.1	0.4	0.08	7.2	0.02	0.02	11.4	0.01	0.0		0.0	0.0		0.0	8.1	15
8	150.3	74.chn	6A6	6.5	44	7R	8E+05	2E+06	15.7	0.3	0.1	0.83	0.7	0.02	1.14	0.6	0.02	2.0	9.8	0.6	0.10	6.9	0.02	0.24	1.5	0.01	0.8	5.1	0.1	11.4	1.4	0.5	7.9	35
8	150.3	72.chn	6A6	6.5	44	7S	8E+05	2E+06	14.8	0.3	0.1	0.82	0.7	0.02	1.22	0.6	0.02	1.8	10.9	0.6	0.09	7.7	0.02	0.44	0.9	0.01	1.5	3.0	0.1	13.7	1.2	0.5	8.2	10
8	138	73.chn	6A6	6.5	44	7T	8E+05	2E+06	16.8	0.3	0.2	0.86	0.7	0.02	1.36	0.5	0.02	1.8	11.1	0.6	0.09	6.5	0.02	0.02	13.5	0.01	3.0	1.4	0.1	0.0		0.0	8.2	30
8	138	74.chn	6A6	6.5	44	7U	8E+05	2E+06	16.7	0.3	0.2	0.90	0.7	0.02	1.39	0.5	0.02	1.8	10.8	0.6	0.08	7.0	0.02	0.02	16.4	0.01	2.8	1.5	0.1	0.0		0.0	8.5	60
8	123.1	80.chn	6A6	6.5	44	7V	7E+05	2E+06	21.4	0.3	0.2	1.03	0.6	0.02	1.44	0.5	0.02	5.2	4.3	0.7	0.09	6.8	0.02	0.00		0.00	0.1	47.0	0.1	0.0		0.0	9.8	20
8	123.1	81.chn	6A6	6.5	44	7W	7E+05	2E+06	22.1	0.3	0.2	1.05	0.6	0.02	1.56	0.5	0.02	4.2	5.3	0.7	0.08	7.1	0.02	0.01	44.0	0.01	0.0		0.0	0.0		0.0	10.1	0
8	123.1	82.chn	6A6	6.5	44	7X	7E+05	2E+06	22.7	0.3	0.2	1.00	0.6	0.02	1.62	0.5	0.02	5.6	4.1	0.7	0.07	7.6	0.02	0.01	43.0	0.01	0.0		0.0	0.0		0.0	10.4	0
8	123.1	83.chn	6A6	6.5	44	7Y	7E+05	2E+06	22.2	0.3	0.2	0.97	0.7	0.02	1.55	0.5	0.02	4.4	5.1	0.7	0.10	6.3	0.02	0.01	49.0	0.01	0.0		0.0	0.0		0.0	10.1	0
8	150.6	86.chn	6A6	6.5	44	7Z	8E+05	2E+06	18.1	0.3	0.2	0.88	0.7	0.02	1.61	0.5	0.02	2.3	6.4	0.4	0.08	7.5	0.02	0.02	17.1	0.01	0.8	5.1	0.1	0.0		0.0	9.3	30
8	150.6	87.chn	6A6	6.5	44	8A	8E+05	2E+06	21.4	0.3	0.2	1.03	0.6	0.02	1.48	0.5	0.02	2.0	10.5	0.6	0.10	6.3	0.02	0.01	27.6	0.01	2.0	2.1	0.1	0.0		0.0	9.8	35
8	150.6	88.chn	6A6	6.5	44	8B	8E+05	2E+06	22.5	0.3	0.2	1.07	0.6	0.02	1.55	0.5	0.02	2.1	10.2	0.6	0.09	6.8	0.02	0.00		0.00	0.0		0.0	0.0		0.0	10.4	65
8	184	89.chn	6A6	6.5	44	8C	7E+05	2E+06	19.4	0.3	0.2	1.03	0.6	0.02	1.53	0.5	0.02	1.7	11.6	0.6	0.09	6.7	0.02	0.01	44.0	0.01	0.0		0.0	0.0		0.0	9.5	40
8	150.8	86.chn	6A6	6.5	44	7Z	8E+05	2E+06	18.1	0.3	0.2	0.88	0.7	0.02	1.61	0.5	0.02	2.3	6.4	0.4	0.08	7.5	0.02	0.02	17.1	0.01	0.8	5.1	0.1	0.0		0.0	9.3	30
8	150.8	87.chn	6A6	6.5	44	8A	8E+05	2E+06	21.4	0.3	0.2	1.03	0.6	0.02	1.48	0.5	0.02	2.0	10.5	0.6	0.10	6.3	0.02	0.01	27.6	0.01	2.0	2.1	0.1	0.0		0.0	9.8	35
8	150.8	88.chn	6A6	6.5	44	8B	8E+05	2E+06	22.5	0.3	0.2	1.07	0.6	0.02	1.55	0.5	0.02	2.1	10.2	0.6	0.09	6.8	0.02	0.00		0.00	0.0		0.0	0.0		0.0	10.4	65
8	150.4	105.chn	6A6	6.5	44	8E	8E+05	2E+06	14.6	0.3	0.1	0.85	0.7	0.02	0.79	0.8	0.02	1.6	8.3	0.4	0.05	8.7	0.01	0.01	48.0	0.01	0.2	20.8	0.1	0.5	40.0	0.5	6.8	30
8	150.7	106.chn	6A6	6.5	44	8F	8E+05	2E+06	19.5	0.3	0.2	1.02	0.6	0.02	1.70	0.5	0.03	1.9	10.8	0.6	0.07	8.1	0.02	0.01	24.5	0.01	1.1	3.4	0.1	6.4	2.5	0.5	10.5	60
8	118.2	106.chn	6A6	6.5	44	8F	8E+05	2E+06	19.5	0.3	0.2	1.02	0.6	0.02	1.70	0.5	0.03	1.9	10.8	0.6	0.07	8.1	0.02	0.01	24.5	0.01	1.1	3.4	0.1	6.4	2.5	0.5	10.5	60

OU	IHSS	File Name	Detector	Detector	FOV	Station	North	East	K-40	%	MDA	Ra-226	%	MDA	Th-232	%	MDA	U-235	%	MDA	U-238	%	MDA	Cs-137	%	MDA	Am-241	%	MDA	Pu-239	%	MDA	Exposure	% FOV
	Number		Array	Height (m)	m		feet	feet	pCi/g	Error	pCi/g	pCi/g	Error	pCi/g	pCi/g	Error	pCi/g	pCi/g	Error	pCi/g	pCi/g	Error	pCi/g	pCi/g	Error	pCi/g	pCi/g	Error	pCi/g	nCi/g	Error	nCi/g	uR/h	Blocked
8	150.7	107.chn	6A6	6.5	44	8G	8E+05	2E+06	18.2	0.3	0.2	0.95	0.7	0.02	1.59	0.5	0.02	2.0	10.0	0.6	0.08	7.6	0.02	0.01	21.0	0.01	0.4	8.3	0.1	0.8	19.0	0.4	9.5	60
8	172	161.chn	6A6	6.5	44	9L	8E+05	2E+06	16.0	0.3	0.1	0.89	0.7	0.02	1.45	0.5	0.02	1.8	11.0	0.6	0.08	6.9	0.02	0.07	4.3	0.01	0.0		0.0	0.0		0.0	8.5	0
9		113.chn	6A6	6.5	44	8I	7E+05	2E+06	17.2	0.3	0.2	0.81	0.7	0.02	1.31	0.5	0.02	1.8	10.5	0.6	0.08	7.4	0.02	0.02	17.9	0.01	0.0		0.0	0.0		0.0	8.1	40
9	122	114.chn	6A6	6.5	44	8J	7E+05	2E+06	17.8	0.3	0.2	0.89	0.7	0.02	1.38	0.5	0.02	1.7	11.6	0.6	0.06	8.0	0.02	0.03	10.9	0.01	0.0		0.0	0.0		0.0	8.5	60
9	159	147.chn	6A6	6.5	44	9D	8E+05	2E+06	16.8	0.3	0.2	0.87	0.7	0.02	1.35	0.5	0.02	1.8	11.1	0.6	0.06	8.8	0.02	0.01	19.4	0.01	11.5	0.5	0.2	4.3	3.3	0.4	8.7	70
9	159	150.chn	6A6	6.5	44	9E	8E+05	2E+06	17.3	0.3	0.2	0.87	0.7	0.02	1.45	0.5	0.02	1.6	12.5	0.6	0.08	7.4	0.02	0.01	20.4	0.01	31.1	0.2	0.2	4.2	3.4	0.4	9.0	70
9	132	151.chn	6A6	6.5	44	9F	8E+05	2E+06	14.6	0.3	0.1	0.84	0.7	0.02	1.28	0.5	0.02	1.5	12.5	0.6	0.07	7.6	0.02	0.07	4.2	0.01	1.2	3.5	0.1	1.1	11.5	0.4	7.7	15
9	137	152.chn	6A6	6.5	44	9G	8E+05	2E+06	18.8	0.3	0.2	0.92	0.7	0.02	1.57	0.5	0.02	9.4	2.6	0.7	0.66	1.7	0.03	0.05	6.4	0.01	9.7	0.6	0.2	7.8	2.1	0.5	9.9	20
9	137	155.chn	6A6	6.5	44	9H	8E+05	2E+06	14.1	0.3	0.1	0.71	0.8	0.02	1.23	0.5	0.02	17.3	1.4	0.7	1.78	0.7	0.04	0.10	3.0	0.01	13.5	0.4	0.2	5.8	2.5	0.4	8.6	75
9	137	156.chn	6A6	6.5	44	9I	8E+05	2E+06	14.9	0.3	0.1	0.70	0.8	0.02	1.08	0.6	0.02	9.2	2.5	0.7	1.35	0.9	0.04	0.05	5.8	0.01	9.8	0.6	0.2	3.4	4.2	0.4	8.0	60
9	124	157.chn	6A6	6.5	44	9J	8E+05	2E+06	21.6	0.3	0.2	1.04	0.6	0.02	1.64	0.5	0.02	2.1	10.2	0.6	0.08	7.3	0.02	0.01	20.4	0.01	1.6	2.6	0.1	0.0		0.0	10.4	50
9	124	160.chn	6A6	6.5	44	9K	8E+05	2E+06	20.1	0.3	0.2	0.83	0.7	0.02	1.38	0.5	0.02	2.6	8.0	0.6	0.08	7.6	0.02	0.01	20.7	0.01	3.8	1.1	0.1	0.0		0.0	9.0	20
10	170	56.chn	3A6	6.5	44	G02	8E+05	2E+06	8.2	0.5	0.1	0.78	0.6	0.01	0.95	0.6	0.02	1.7	6.6	0.3	0.06	7.0	0.01	0.33	1.0	0.01	0.0		0.0	0.0		0.0	5.8	0
10	170	55.chn	3A6	6.5	44	G03	8E+05	2E+06	10.3	0.4	0.1	0.58	0.8	0.01	0.77	0.7	0.02	1.4	[illegible]	0.3	0.05	9.0	0.01	0.11	2.3	0.01	0.0		0.0	0.0		0.0	5.4	25
10	170	64.chn	3A6	6.5	44	H03	8E+05	2E+06	14.7	0.4	0.2	0.65	0.8	0.02	1.07	0.6	0.02	1.7	[illegible]	0.4	0.07	8.0	0.02	0.11	2.4	0.01	0.0		0.0	0.0		0.0	7.0	40
10	170	52.chn	3A6	6.5	44	I03	8E+05	2E+06	15.8	0.3	0.1	0.79	0.7	0.02	1.31	0.5	0.02	2.0	6.3	0.4	0.08	7.0	0.02	0.15	1.9	0.01	0.0		0.0	0.0		0.0	8.0	0
10	170	63.chn	3A6	6.5	44	F04	8E+05	2E+06	10.7	0.4	0.1	0.74	0.7	0.02	0.99	0.6	0.02	1.7	6.6	0.3	0.07	7.0	0.01	0.32	1.0	0.01	0.1	31.7	0.1	0.0		0.0	6.3	0
10	170	67.chn	3A6	6.5	44	F04	8E+05	2E+06	10.9	0.4	0.1	0.77	0.7	0.02	0.99	0.6	0.02	1.8	6.4	0.3	0.07	7.0	0.02	0.31	1.0	0.01	0.0		0.0	0.0		0.0	6.3	0
10	170	62.chn	3A6	6.5	44	G04	8E+05	2E+06	12.4	0.4	0.1	0.86	0.6	0.02	0.93	0.6	0.02	1.4	12.6	0.5	0.04	9.0	0.01	0.11	2.5	0.01	0.0		0.0	0.0		0.0	6.7	30
10	170	61.chn	3A6	6.5	44	H04	8E+05	2E+06	13.4	0.4	0.2	0.78	0.7	0.02	0.90	0.7	0.02	1.7	7.2	0.4	0.04	10.0	0.01	0.03	8.1	0.01	0.0		0.0	0.0		0.0	6.9	50
10	170	51.chn	3A6	6.5	44	I04	8E+05	2E+06	16.9	0.3	0.2	0.81	0.7	0.02	1.22	0.5	0.02	1.9	6.9	0.4	0.08	7.0	0.02	0.04	6.9	0.01	0.0		0.0	0.0		0.0	8.2	0
10	170	15.chn	3A6	6.5	44	F05	8E+05	2E+06	16.9	0.3	0.2	1.05	0.6	0.02	1.16	0.6	0.02	1.7	7.5	0.4	0.05	8.0	0.01	0.10	2.7	0.01	0.0		0.0	0.0		0.0	8.4	0
10	170	48.chn	3A6	6.5	44	G05	8E+05	2E+06	12.1	0.4	0.1	0.68	0.7	0.01	0.92	0.6	0.02	1.8	6.6	0.4	0.07	7.0	0.01	0.09	2.8	0.01	0.0		0.0	0.0		0.0	6.4	10
10	170	49.chn	3A6	6.5	44	H05	8E+05	2E+06	14.6	0.4	0.2	0.80	0.7	0.02	1.04	0.6	0.02	1.9	6.3	0.4	0.08	7.0	0.02	0.05	4.9	0.01	0.0		0.0	0.0		0.0	7.3	0
10	170	50.chn	3A6	6.5	44	I05	8E+05	2E+06	12.8	0.4	0.2	0.75	0.7	0.02	0.99	0.6	0.02	1.6	7.7	0.4	0.06	8.0	0.02	0.07	3.6	0.01	0.0		0.0	0.0		0.0	6.7	30
10	170	57.chn	3A6	6.5	44	E06	8E+05	2E+06	12.0	0.4	0.1	0.80	0.6	0.01	1.00	0.6	0.02	1.8	6.5	0.4	0.06	7.0	0.01	0.28	1.1	0.01	0.0		0.0	0.0		0.0	6.7	0
10	213	16.chn	3A6	6.5	44	F06	8E+05	2E+06	18.0	0.3	0.2	1.09	0.5	0.02	1.14	0.6	0.02	1.6	11.6	0.6	0.06	7.0	0.01	0.11	2.5	0.01	0.0		0.0	0.0		0.0	8.6	0
10	170	2.chn	3A6	6.5	44	G06	8E+05	2E+06	17.4	0.3	0.2	0.98	0.6	0.02	1.12	0.6	0.02	2.0	6.5	0.4	0.06	7.0	0.01	0.08	3.6	0.01	0.0		0.0	0.0		0.0	8.3	0
10	170	38.chn	3A6	6.5	44	H06	8E+05	2E+06	15.0	0.3	0.1	0.69	0.7	0.01	1.14	0.5	0.02	1.8	6.9	0.4	0.07	8.0	0.02	0.09	2.9	0.01	0.0		0.0	0.0		0.0	7.4	0
10	170	8.chn	3A6	6.5	44	E07	8E+05	2E+06	17.7	0.3	0.2	0.96	0.6	0.02	1.08	0.6	0.02	1.9	6.7	0.4	0.05	8.0	0.01	0.09	3.2	0.01	0.0		0.0	0.0		0.0	8.3	0
10	170	17.chn	3A6	6.5	44	F07	8E+05	2E+06	19.1	0.3	0.2	1.04	0.6	0.02	1.21	0.5	0.02	1.9	6.9	0.4	0.07	7.0	0.01	0.12	2.4	0.01	0.0		0.0	0.0		0.0	8.9	0
10	170	3.chn	3A6	6.5	44	G07	8E+05	2E+06	15.3	0.4	0.2	0.93	0.6	0.02	1.14	0.6	0.02	1.9	6.9	0.4	0.08	7.0	0.02	0.12	2.4	0.01	0.0		0.0	0.0		0.0	7.8	0
10	170	37.chn	3A6	6.5	44	H07	8E+05	2E+06	15.5	0.3	0.1	0.79	0.7	0.02	1.40	0.5	0.02	1.7	10.5	0.5	0.07	7.0	0.02	0.20	1.5	0.01	0.0		0.0	0.0		0.0	8.2	0
10	170	58.chn	3A6	6.5	44	D08	8E+05	2E+06	12.4	0.4	0.1	0.78	0.7	0.02	1.08	0.6	0.02	1.6	7.3	0.4	0.06	8.0	0.01	0.20	1.5	0.01	0.0		0.0	0.0		0.0	7.0	0
10	170	9.chn	3A6	6.5	44	E08	8E+05	2E+06	16.9	0.3	0.2	0.97	0.6	0.02	1.16	0.6	0.02	1.7	7.8	0.4	0.06	7.0	0.01	0.09	3.1	0.01	0.0		0.0	0.0		0.0	8.3	0
10	170	19.chn	3A6	6.5	44	F08	8E+05	2E+06	18.4	0.3	0.2	0.83	0.7	0.02	1.15	0.5	0.02	1.9	6.6	0.4	0.07	7.0	0.01	0.11	2.6	0.01	0.0		0.0	0.0		0.0	8.3	0
10	170	4.chn	3A6	6.5	44	G08	8E+05	2E+06	14.1	0.4	0.2	0.91	0.6	0.02	1.32	0.5	0.02	2.2	5.9	0.4	0.08	7.0	0.02	0.33	1.0	0.01	0.0		0.0	0.0		0.0	8.1	0
10	170	21.chn	3A6	6.5	44	D09	8E+05	2E+06	16.1	0.3	0.1	0.92	0.6	0.02	1.86	0.4	0.02	2.4	5.7	0.4	0.10	6.0	0.02	0.18	1.8	0.01	0.0		0.0	0.0		0.0	9.6	0
10	170	10.chn	3A6	6.5	44	E09	8E+05	2E+06	15.1	0.3	0.1	1.10	0.5	0.02	1.78	0.4	0.02	2.6	5.0	0.4	0.07	7.0	0.01	0.19	1.7	0.01	0.0		0.0	0.0		0.0	9.5	0
10	170	5.chn	3A6	6.5	44	F09	8E+05	2E+06	15.8	0.3	0.1	0.87	0.6	0.02	1.49	0.5	0.02	1.9	7.0	0.4	0.08	7.0	0.02	0.22	1.5	0.01	0.0		0.0	0.0		0.0	8.7	0
10	170	36.chn	3A6	6.5	44	G09	8E+05	2E+06	9.1	0.5	0.1	0.78	0.6	0.01	1.11	0.5	0.02	1.9	6.1	0.4	0.07	7.0	0.01	0.53	0.7	0.01	0.0		0.0	0.0		0.0	6.4	0
10	170	42.chn	3A6	6.5	44	C10	8E+05	2E+06	11.8	0.4	0.1	0.79	0.7	0.02	1.06	0.6	0.02	1.9	6.3	0.4	0.06	7.0	0.01	0.11	2.3	0.01	0.0		0.0	0.0		0.0	6.7	0
10	170	22.chn	3A6	6.5	44	D10	8E+05	2E+06	14.9	0.4	0.2	0.97	0.6	0.02	1.97	0.4	0.02	2.6	5.2	0.4	0.08	7.0	0.02	0.21	1.6	0.01	0.0		0.0	0.0		0.0	9.5	0
10	170	11.chn	3A6	6.5	44	E10	8E+05	2E+06	12.8	0.4	0.2	1.07	0.5	0.02	1.73	0.4	0.02	2.2	5.8	0.4	0.08	6.0	0.01	0.26	1.3	0.01	0.0		0.0	0.0		0.0	8.9	0
10	170	34.chn	3A6	6.5	44	F10	8E+05	2E+06	9.6	0.4	0.1	0.89	0.6	0.02	1.28	0.5	0.02	2.1	5.8	0.4	0.08	6.0	0.02	0.43	0.8	0.01	0.1	25.2	0.1	0.0		0.0	7.0	0
10	170	68chn	3A6	6.5	44	F10	8E+05	2E+06	9.7	0.4	0.1	0.85	0.6	0.02	1.29	0.5	0.02	2.1	5.7	0.4	0.07	7.0	0.02	0.44	0.8	0.01	0.0		0.0	0.0		0.0	7.0	0
10	170	28.chn	3A6	6.5	44	C11	8E+05	2E+06	14.9	0.4	0.2	0.96	0.6	0.02	1.69	0.4	0.02	2.3	5.6	0.4	0.07	7.0	0.01	0.17	1.8	0.01	0.0		0.0	0.0		0.0	9.1	0
10	170	23.chn	3A6	6.5	44	D11	8E+05	2E+06	15.7	0.3	0.1	1.13	0.5	0.02	2.03	0.4	0.02	2.7	5.2	0.4	0.10	6.0	0.02	0.18	1.8	0.01	0.0		0.0	0.0		0.0	10.2	0
10	170	12.chn	3A6	6.5	44	E11	8E+05	2E+06	11.5	0.4	0.1	0.97	0.6	0.02	1.43	0.5	0.02	2.0	6.3	0.4	0.08	6.0	0.01	0.20	1.5	0.01	0.0		0.0	0.0		0.0	7.9	0

OU	IHSS Number	File Name	Detector Array	Detector Height (m)	FOV m	Station	North feet	East feet	K-40 pCi/g	% Error	MDA pCi/g	Ra-226 pCi/g	% Error	MDA pCi/g	Th-232 pCi/g	% Error	MDA pCi/g	U-238 pCi/g	% Error	MDA pCi/g	U-235 pCi/g	% Error	MDA pCi/g	Cs-137 pCi/g	% Error	MDA pCi/g	Am-241 pCi/g	% Error	MDA pCi/g	Pu-239/ nCi/g	% Error	MDA nCi/g	Exposure uR/h	% FOV Blocked
10	170	32.chn	3A6	6.5	44	F11	8E+05	2E+06	7.8	0.5	0.1	1.18	0.5	0.02	1.03	0.6	0.02	1.7	7.1	0.4	0.05	7.0	0.01	0.38	0.9	0.01	0.0		0.0	0.0		0.0	6.8	0
10	170	41.chn	3A6	6.5	44	B12	8E+05	2E+06	12.1	0.4	0.1	0.81	0.6	0.01	1.02	0.6	0.02	1.7	7.0	0.4	0.05	8.0	0.01	0.04	5.7	0.01	0.0		0.0	0.0		0.0	6.8	0
10	170	29.chn	3A6	6.5	44	C12	8E+05	2E+06	17.0	0.3	0.2	1.13	0.5	0.02	2.27	0.3	0.02	2.8	4.9	0.4	0.09	6.0	0.02	0.18	1.8	0.01	0.0		0.0	0.0		0.0	10.9	0
10	170	24.chn	3A6	6.5	44	D12	8E+05	2E+06	15.9	0.3	0.1	1.28	0.5	0.02	2.08	0.4	0.02	2.9	4.9	0.4	0.08	6.0	0.02	0.25	1.4	0.01	0.0		0.0	0.0		0.0	10.5	0
10	170	35.chn	3A6	6.5	44	E12	8E+05	2E+06	9.7	0.4	0.1	0.84	0.6	0.02	1.28	0.5	0.02	1.9	6.1	0.4	0.07	7.0	0.02	0.39	0.9	0.01	0.0		0.0	0.0		0.0	6.9	0
10	170	45.chn	3A6	6.5	44	B13	8E+05	2E+06	11.4	0.4	0.1	0.73	0.7	0.02	1.00	0.6	0.02	1.7	6.8	0.3	0.05	8.0	0.01	0.14	2.0	0.01	0.0		0.0	0.0		0.0	6.4	30
10	170	44.chn	3A6	6.5	44	C13	8E+05	2E+06	12.6	0.4	0.2	0.81	0.6	0.01	1.36	0.5	0.02	1.8	6.7	0.4	0.06	8.0	0.01	0.17	1.7	0.01	0.0		0.0	0.0		0.0	7.7	10
10	170	25.chn	3A6	6.5	44	D13	8E+05	2E+06	11.3	0.4	0.1	1.01	0.6	0.02	1.55	0.4	0.02	2.0	6.2	0.4	0.06	7.0	0.01	0.25	1.3	0.01	0.0		0.0	0.0		0.0	8.1	0
10	170	30.chn	4A6	6.5	44	E13	8E+05	2E+06	7.6	0.5	0.1	0.88	0.6	0.02	1.02	0.6	0.02	1.6	7.2	0.3	0.07	7.0	0.01	0.43	0.8	0.01	0.0		0.0	0.0		0.0	6.2	0
10		34.chn	4A6	6.5	44		7E+05	2E+06	16.5	0.7	0.3	0.69	1.8	0.04	1.17	1.2	0.04	10.8	2.9	0.9	0.15	11.0	0.05	0.00		0.00	0.2	36.0	0.2	0.0		0.0	9.3	40
10	170	43.chn	3A6	6.5	44	D14	8E+05	2E+06	6.6	0.5	0.1	0.64	0.7	0.01	0.76	0.7	0.02	1.5	7.1	0.3	0.05	8.0	0.01	0.21	1.3	0.01	0.0		0.0	0.0		0.0	4.8	30
10	182	32.chn	4A6	6.5	44	182	7E+05	2E+06	21.4	0.6	0.4	1.05	1.3	0.04	1.37	1.1	0.05	17.4	2.0	1.0	0.21	8.0	0.05	0.03	23.3	0.02	0.0		0.0	0.0		0.0	11.1	75
10	181	165.chn	4A6	6.5	44	4L	7E+05	2E+06	18.6	0.3	0.2	1.08	0.6	0.02	1.92	0.4	0.02	2.1	6.9	0.4	0.06	8.0	0.01	0.00		0.00	0.0		0.0	0.0		0.0	11.3	60
10	207	33.chn	4A6	6.5	44	207	7E+05	2E+06	18.6	0.6	0.3	1.01	1.2	0.04	1.88	0.8	0.05	3.2	9.3	0.9	0.08	15.0	0.04	0.03	20.6	0.02	2.7	3.2	0.3	0.0		0.0	10.7	50
10	177	111.chn	4A6	6.5	44	3F	7E+05	2E+06	17.3	0.3	0.2	0.73	0.8	0.02	1.01	0.6	0.02	1.7	7.6	0.4	0.06	9.0	0.02	0.04	7.0	0.01	0.0		0.0	0.0		0.0	7.9	0
10	177	110.chn	4A6	6.5	44	3E	7E+05	2E+06	21.0	0.3	0.2	0.91	0.7	0.02	1.36	0.5	0.02	2.1	6.7	0.4	0.09	7.0	0.02	0.03	9.2	0.01	0.0		0.0	0.0		0.0	9.7	20
10	214	28.chn	5A6	6.5	44	6E	7E+05	2E+06	22.1	0.3	0.2	1.07	0.6	0.02	1.65	0.5	0.02	2.6	5.9	0.5	0.07	7.6	0.02	0.01	26.6	0.01	0.2	24.2	0.1	0.0		0.0	10.9	40
10	214	14.chn	6A6	6.5	44	6L	7E+05	2E+06	21.9	0.3	0.2	0.99	0.6	0.02	1.68	0.5	0.03	2.6	5.9	0.5	0.08	7.1	0.02	0.00		0.00	0.2	21.9	0.1	0.0		0.0	10.4	50
10	214	3.chn	6A6	6.5	44	6G	7E+05	2E+06	18.0	0.3	0.2	0.87	0.7	0.02	1.35	0.5	0.02	2.2	6.7	0.4	0.05	9.3	0.01	0.00		0.00	0.0		0.0	0.0		0.0	8.7	50
10	214	4.chn	6A6	6.5	44	6H	7E+05	2E+06	21.7	0.3	0.2	1.01	0.6	0.02	1.60	0.5	0.02	2.4	6.3	0.5	0.08	7.2	0.02	0.00		#VALUE!	0.2	21.8	0.1	0.0		0.0	10.1	20
10	214	26.chn	5A6	6.5	44	6C	8E+05	2E+06	24.4	0.3	0.2	1.16	0.6	0.02	1.69	0.5	0.03	3.1	4.9	0.5	0.09	6.4	0.02	0.02	15.6	0.01	2.6	1.7	0.1	0.0		0.0	11.4	50
10	214	7.chn	6A6	6.5	44	6I	7E+05	2E+06	19.7	0.3	0.2	1.16	0.6	0.02	1.19	0.6	0.02	2.3	6.3	0.4	0.06	7.5	0.01	0.00		0.00	0.0		0.0	0.0		0.0	8.9	5
10	214	27.chn	5A6	6.5	44	6D	7E+05	2E+06	20.8	0.3	0.2	1.07	0.6	0.02	1.49	0.5	0.02	3.1	4.8	0.4	0.10	6.1	0.02	0.02	17.2	0.01	2.7	1.6	0.1	0.0		0.0	10.2	30
10	214	2.chn	6A6	6.5	44	6F	7E+05	2E+06	17.6	0.3	0.2	0.86	0.7	0.02	1.35	0.5	0.02	2.2	6.6	0.4	0.07	8.2	0.02	0.00		0.00	0.2	17.2	0.1	0.0		0.0	8.6	60
10	214	384.chn	4A6	6.5	44	5O	8E+05	2E+06	16.9	0.3	0.2	0.72	0.8	0.02	1.34	0.5	0.02	2.1	6.7	0.4	0.09	6.9	0.02	0.04	7.4	0.01	1.1	3.5	0.1	0.0		0.0	8.3	50
10	214	383.chn	4A6	6.5	44	5N	8E+05	2E+06	13.3	0.4	0.2	0.65	0.8	0.02	0.94	0.6	0.02	2.4	5.4	0.4	0.10	6.3	0.02	0.06	4.6	0.01	4.5	1.0	0.1	0.0		0.0	6.7	30
10	214	8.chn	6A6	6.5	44	6J	7E+05	2E+06	19.8	0.3	0.2	1.26	0.5	0.02	1.26	0.6	0.02	2.6	5.7	0.4	0.07	6.5	0.01	0.01	51.0	0.01	0.2	23.8	0.1	0.0		0.0	9.3	5
10	214	380.chn	4A6	6.5	44	5M	8E+05	2E+06	16.7	0.3	0.2	0.76	0.7	0.02	1.22	0.5	0.02	2.3	5.9	0.4	0.09	6.9	0.02	0.04	7.1	0.01	2.1	2.0	0.1	0.0		0.0	8.0	0
10	214	13.chn	6A6	6.5	44	6K	7E+05	2E+06	19.8	0.3	0.2	1.12	0.6	0.02	1.27	0.5	0.02	2.5	5.8	0.4	0.06	7.5	0.01	0.01	30.1	0.01	0.0		0.0	0.0		0.0	9.1	10
10	214	371.chn	4A6	6.5	44	5H	8E+05	2E+06	17.8	0.3	0.2	0.84	0.7	0.02	1.25	0.5	0.02	2.1	6.6	0.4	0.07	7.4	0.02	0.02	13.3	0.01	1.0	3.7	0.1	0.0		0.0	8.5	20
10	214	376.chn	4A6	6.5	44	5K	8E+05	2E+06	19.2	0.3	0.2	1.05	0.6	0.02	1.40	0.5	0.02	2.6	5.4	0.4	0.05	8.2	0.01	0.03	8.2	0.01	0.6	6.9	0.1	0.0		0.0	9.6	10
10	214	375.chn	4A6	6.5	44	5J	7E+05	2E+06	15.6	0.3	0.1	0.90	0.6	0.02	1.02	0.6	0.02	1.9	7.[illegible]	0.4	0.05	8.5	0.01	0.04	6.9	0.01	0.2	19.4	0.1	0.0		0.0	7.7	15
10	214	379.chn	4A6	6.5	44	5L	8E+05	2E+06	16.3	0.3	0.1	0.79	0.7	0.02	1.45	0.5	0.02	2.5	5.[illegible]	0.4	0.08	7.0	0.02	0.08	3.5	0.01	0.4	10.7	0.1	0.0		0.0	8.4	0
10	214	374.chn	4A6	6.5	44	5I	7E+05	2E+06	14.7	0.4	0.2	0.97	0.6	0.02	1.26	0.5	0.02	2.3	6.0	0.4	0.05	8.1	0.01	0.01	23.7	0.01	0.0		0.0	0.0		0.0	8.1	5
10	175	369.chn	4A6	6.5	44	5F	8E+05	2E+06	18.0	0.3	0.2	0.82	0.7	0.02	1.31	0.5	0.02	2.2	6.2	0.4	0.07	7.8	0.02	0.09	3.3	0.01	0.3	14.3	0.1	0.0		0.0	8.6	20
10	210	370.chn	4A6	6.5	44	5G	8E+05	2E+06	18.3	0.3	0.2	0.86	0.7	0.02	1.30	0.5	0.02	2.1	6.2	0.4	0.07	7.4	0.02	0.02	13.6	0.01	0.1	34.0	0.1	0.0		0.0	8.8	40
10	213	155.chn	4A6	6.5	44	4F	7E+05	2E+06	18.8	0.3	0.2	1.11	5.0	0.17	1.07	0.7	0.02	13.0	1.4	0.5	0.17	5.0	0.03	0.07	4.9	0.01	2.4	1.9	0.1	0.0		0.0	9.5	0
10	213	153.chn	4A6	6.5	44	4D	7E+05	2E+06	17.2	0.3	0.2	1.05	0.6	0.02	1.42	0.5	0.02	2.8	4.9	0.4	0.07	7.0	0.01	0.03	3.4	0.01	1.5	2.8	0.1	0.0		0.0	9.0	0
10	213	154.chn	4A6	6.5	44	4E	7E+05	2E+06	14.4	0.4	0.2	0.83	0.7	0.02	0.78	0.8	0.02	4.6	3.0	0.4	0.09	6.0	0.02	0.10	3.0	0.01	3.5	1.3	0.1	0.0		0.0	6.7	0
10	176	294.chn	4A6	6.5	44	A21	8E+05	2E+06	11.0	0.4	0.1	0.69	0.7	0.01	1.03	0.6	0.02	3.0	4.3	0.4	0.10	6.0	0.02	0.12	2.2	0.01	0.9	4.0	0.1	0.0		0.0	6.5	0
10	176	305.chn	4A6	6.5	44	A22	8E+05	2E+06	9.4	0.4	0.1	0.74	0.7	0.02	0.96	0.6	0.02	4.2	3.0	0.4	0.12	5.0	0.02	0.09	2.9	0.01	2.1	1.9	0.1	0.0		0.0	6.1	40
10	176	306.chn	4A6	6.5	44	A23	8E+05	2E+06	8.2	0.5	0.1	0.70	0.7	0.01	0.80	0.7	0.02	8.6	1.6	0.4	0.17	4.0	0.02	0.09	2.8	0.01	4.3	0.9	0.1	0.6	19.1	0.3	5.7	50
10	176	307.chn	4A6	6.5	44	A24	8E+05	2E+06	10.1	0.4	0.1	0.80	0.7	0.02	0.96	0.7	0.02	27.8	0.7	0.6	0.64	2.0	0.04	0.11	2.9	0.01	18.1	0.3	0.2	0.6	23.6	0.4	8.1	50
10	176	308.chn	4A6	6.5	44	A25	8E+05	2E+06	11.4	0.4	0.1	0.87	0.6	0.02	1.04	0.6	0.02	14.3	1.1	0.5	0.30	3.0	0.03	0.11	2.7	0.01	10.7	0.5	0.2	0.0		0.0	7.7	5
10	176	311.chn	4A6	6.5	44	A26	8E+05	2E+06	11.4	0.4	0.1	0.96	0.6	0.02	1.12	0.6	0.02	7.4	2.0	0.4	0.15	4.0	0.02	0.08	3.5	0.01	8.6	0.5	0.1	0.0		0.0	7.4	0
10	176	312.chn	4A6	6.5	44	A27	8E+05	2E+06	12.7	0.4	0.2	1.08	0.5	0.02	1.07	0.6	0.02	4.1	3.3	0.4	0.09	6.0	0.02	0.05	5.1	0.01	9.1	0.5	0.1	0.0		0.0	7.6	10
0	176	313.chn	4A6	6.5	44	A28	8E+05	2E+06	14.6	0.4	0.2	0.99	0.6	0.02	1.08	0.6	0.02	3.5	4.0	0.4	0.08	6.0	0.01	0.01	22.5	0.01	0.9	4.6	0.1	0.0		0.0	7.7	10
10	213	152.chn	4A6	6.5	44	4C	7E+05	2E+06	18.1	0.3	0.2	0.94	0.7	0.02	1.27	0.6	0.02	5.6	3.1	0.5	0.17	5.0	0.02	0.08	3.9	0.01	49.5	0.2	0.3	0.0		0.0	9.8	0
10	176	295.chn	4A6	6.5	44	B21	8E+05	2E+06	12.8	0.4	0.2	0.72	0.7	0.02	1.19	0.5	0.02	3.4	3.9	0.4	0.09	7.0	0.02	0.07	3.9	0.01	0.7	5.7	0.1	0.0		0.0	7.1	20

OU	IHSS	File Name	Detector	Detector	FOV	Station	North	East	K-40	%	MDA	Ra-226	%	MDA	Th-232	%	MDA	U-238	%	MDA	U-235	%	MDA	Cs-137	%	MDA	Am-241	%	MDA	Pu-239	%	MDA	Exposure	% FOV
	Number		Array	Height (m)	m		feet	feet	pCi/g	Error	pCi/g	pCi/g	Error	pCi/g	pCi/g	Error	pCi/g	pCi/g	Error	pCi/g	pCi/g	Error	pCi/g	pCi/g	Error	pCi/g	pCi/g	Error	pCi/g	nCi/g	Error	nCi/g	uR/h	Blocked
10	176	349.chn	4A6	6.5	44	B22	8E+05	2E+06	9.3	0.4	0.1	0.61	0.8	0.01	0.95	0.6	0.02	4.9	2.6	0.4	0.11	5.8	0.02	0.07	3.6	0.01	1.5	2.5	0.1	0.0		0.0	5.7	70
10	176	300.chn	4A6	6.5	44	B23	8E+05	2E+06	10.4	0.4	0.1	0.87	0.6	0.02	1.37	0.5	0.02	14.1	1.1	0.5	0.30	3.0	0.03	0.10	2.8	0.01	6.1	0.7	0.1	0.0		0.0	7.9	50
10	176	321.chn	4A6	6.5	44	B25	8E+05	2E+06	10.0	0.4	0.1	0.79	0.7	0.02	1.03	0.7	0.02	32.5	0.6	0.6	0.74	1.0	0.02	0.09	3.7	0.01	17.4	0.3	0.2	0.0		0.0	8.6	0
10	176	318.chn	4A6	6.5	44	B26	8E+05	2E+06	9.5	0.4	0.1	0.97	0.6	0.02	1.12	0.6	0.02	9.6	1.5	0.4	0.16	4.0	0.02	0.12	2.4	0.01	5.3	0.8	0.1	0.0		0.0	7.2	0
10	176	317.chn	4A6	6.5	44	B27	8E+05	2E+06	9.1	0.5	0.1	0.88	0.6	0.02	1.01	0.6	0.02	4.2	3.1	0.4	0.10	6.0	0.02	0.14	2.0	0.01	2.5	1.6	0.1	0.0		0.0	6.4	0
10	176	314.chn	4A6	6.5	44	B28	8E+05	2E+06	20.0	0.3	0.2	1.05	0.6	0.02	1.17	0.6	0.02	2.8	5.2	0.4	0.07	7.0	0.02	0.02	14.0	0.01	0.7	5.7	0.1	0.0		0.0	9.3	10
10	176	301.chn	4A6	6.5	44	B24	8E+05	2E+06	8.8	0.5	0.1	0.75	0.9	0.02	0.98	0.8	0.02	69.6	0.4	0.8	1.87	1.0	0.06	0.06	6.2	0.01	42.7	0.2	0.3	1.2	16.2	0.6	12.5	40
10	176	296.chn	4A6	6.5	44	C21	8E+05	2E+06	16.1	0.3	0.1	0.82	0.7	0.02	1.25	0.5	0.02	3.1	4.4	0.4	0.09	6.0	0.02	0.03	7.6	0.01	0.5	7.5	0.1	0.0		0.0	8.1	25
10	176	352.chn	4A6	6.5	44	C22	8E+05	2E+06	10.6	0.4	0.1	0.85	0.6	0.02	0.90	0.6	0.02	3.7	3.4	0.4	0.08	6.6	0.01	0.06	4.4	0.01	1.1	3.4	0.1	0.0		0.0	6.4	35
10	176	302.chn	4A6	6.5	44	C23	8E+05	2E+06	14.3	0.4	0.2	1.02	0.6	0.02	1.55	0.5	0.02	8.9	1.7	0.5	0.17	4.0	0.02	0.10	2.9	0.01	2.7	1.6	0.1	0.0		0.0	9.2	40
10	176	330.chn	4A6	6.5	44	C24	8E+05	2E+06	15.2	0.3	0.1	0.80	0.7	0.02	1.28	0.5	0.02	22.7	0.8	0.5	0.53	2.0	0.03	0.06	5.0	0.01	11.8	0.5	0.2	0.0		0.0	9.3	50
10	176	327.chn	4A6	6.5	44	C25	8E+05	2E+06	17.4	0.3	0.2	1.07	0.6	0.02	1.48	0.5	0.02	17.2	1.0	0.5	0.36	2.0	0.02	0.06	5.2	0.01	6.0	0.8	0.1	0.0		0.0	10.2	15
10	176	326.chn	4A6	6.5	44	C26	8E+05	2E+06	17.1	0.3	0.2	1.08	0.6	0.02	1.52	0.5	0.02	7.0	2.1	0.4	0.16	4.0	0.02	0.09	3.3	0.01	2.3	1.8	0.1	0.0		0.0	9.5	5
10	176	325.chn	4A6	6.5	44	C27	8E+05	2E+06	14.0	0.4	0.2	0.97	0.6	0.02	1.24	0.5	0.02	4.3	3.2	0.4	0.08	6.0	0.02	0.18	1.7	0.01	1.8	2.2	0.1	0.0		0.0	8.0	5
10	176	324.chn	4A6	6.5	44	C28	8E+05	2E+06	18.9	0.3	0.2	0.95	0.6	0.02	1.18	0.6	0.02	3.0	4.6	0.4	0.08	7.0	0.02	0.02	12.9	0.01	0.7	5.4	0.1	0.0		0.0	8.8	15
10	213	148.chn	4A6	6.5	44	4A	7E+05	2E+06	16.5	0.3	0.1	0.93	0.6	0.02	1.05	0.6	0.02	4.1	3.7	0.5	0.14	5.0	0.02	0.10	3.0	0.01	31.2	0.2	0.2	0.0		0.0	8.4	0
10	213	147.chn	4A6	6.5	44	3Z	7E+05	2E+06	17.6	0.3	0.2	1.03	0.6	0.02	1.13	0.6	0.02	2.3	6.0	0.4	0.07	7.0	0.01	0.10	2.9	0.01	6.7	0.7	0.1	0.0		0.0	8.5	0
10	213	149.chn	4A6	6.5	44	4B	7E+05	2E+06	17.6	0.3	0.2	1.05	0.6	0.02	1.23	0.6	0.02	7.7	2.1	0.5	0.11	6.0	0.02	0.13	2.6	0.01	8.9	0.6	0.2	0.0		0.0	9.2	0
10	176	297.chn	4A6	6.5	44	D21	8E+05	2E+06	19.5	0.3	0.2	0.85	0.7	0.02	1.24	0.5	0.02	2.7	5.0	0.4	0.08	7.0	0.02	0.02	17.2	0.01	0.3	14.6	0.1	0.0		0.0	8.8	10
10	176	353.chn	4A6	6.5	44	D22	8E+05	2E+06	14.1	0.4	0.2	0.92	0.6	0.02	1.03	0.6	0.02	2.9	4.6	0.4	0.06	7.3	0.01	0.02	12.2	0.01	0.4	10.5	0.1	0.0		0.0	7.4	10
10	176	338.chn	4A6	6.5	44	D23	8E+05	2E+06	16.0	0.3	0.1	0.80	0.7	0.02	1.12	0.6	0.02	3.7	3.7	0.4	0.09	6.0	0.02	0.02	15.0	0.01	0.5	7.5	0.1	0.0		0.0	7.8	50
10	176	337.chn	4A6	6.5	44	D24	8E+05	2E+06	16.1	0.3	0.1	0.87	0.6	0.02	1.29	0.5	0.02	4.0	3.4	0.4	0.10	6.0	0.02	0.04	6.0	0.01	0.9	4.1	0.1	0.0		0.0	8.4	30
10	176	336.chn	4A6	6.5	44	D25	8E+05	2E+06	17.2	0.3	0.2	0.83	0.7	0.02	1.33	0.5	0.02	5.6	2.5	0.4	0.12	5.0	0.02	0.02	13.0	0.01	1.2	3.1	0.1	0.0		0.0	8.5	40
10	176	333.chn	4A6	6.5	44	D26	8E+05	2E+06	18.8	0.3	0.2	0.97	0.6	0.02	1.40	0.5	0.02	4.3	3.3	0.4	0.09	6.0	0.02	0.03	9.8	0.01	0.9	4.6	0.1	0.0		0.0	9.4	50
10	176	332.chn	4A6	6.5	44	D27	8E+05	2E+06	19.7	0.3	0.2	1.02	0.6	0.02	1.45	0.5	0.02	3.5	4.0	0.4	0.08	7.0	0.02	0.06	4.5	0.01	0.7	5.5	0.1	0.0		0.0	9.8	40
10	176	331.chn	4A6	6.5	44	D28	8E+05	2E+06	18.8	0.3	0.2	0.98	0.6	0.02	1.26	0.5	0.02	3.0	4.6	0.4	0.07	7.0	0.01	0.02	14.4	0.01	0.7	5.4	0.1	0.0		0.0	9.0	15
10	176	354.chn	4A6	6.5	44	E22	8E+05	2E+06	18.1	0.3	0.2	0.96	0.6	0.02	1.18	0.6	0.02	2.5	5.5	0.4	0.06	8.0	0.01	0.02	11.7	0.01	0.2	17.7	0.1	0.0		0.0	8.5	5
10	176	348.chn	4A6	6.5	44	E23	8E+05	2E+06	12.2	0.4	0.1	0.70	0.7	0.01	0.93	0.6	0.02	2.3	5.4	0.4	0.07	7.6	0.02	0.07	3.6	0.01	0.5	7.9	0.1	0.0		0.0	6.3	25
10	176	347.chn	4A6	6.5	44	E24	8E+05	2E+06	11.4	0.4	0.1	0.67	0.7	0.01	0.94	0.6	0.02	2.4	5.0	0.4	0.08	7.0	0.02	0.07	3.7	0.01	0.6	5.9	0.1	0.0		0.0	6.2	35
10	176	344.chn	4A6	6.5	44	E25	8E+05	2E+06	11.1	0.4	0.1	0.71	0.7	0.01	0.96	0.6	0.02	2.6	4.7	0.4	0.06	7.5	0.01	0.08	3.1	0.01	0.5	7.4	0.1	0.0		0.0	6.2	30
10	176	343.chn	4A6	6.5	44	E26	8E+05	2E+06	12.5	0.4	0.2	0.78	0.7	0.02	1.03	0.6	0.02	2.5	5.1	0.4	0.05	8.5	0.01	0.06	4.4	0.01	0.4	8.4	0.1	0.0		0.0	6.8	40
10	176	342.chn	4A6	6.5	44	E27	8E+05	2E+06	13.9	0.4	0.2	0.76	0.7	0.02	1.22	0.5	0.02	2.7	4.6	0.4	0.07	7.6	0.01	0.06	4.1	0.01	0.5	7.3	0.1	0.0		0.0	7.3	40
10	176	341.chn	4A6	6.5	44	E28	8E+05	2E+06	18.6	0.3	0.2	0.84	0.7	0.02	1.21	0.5	0.02	2.5	5.2	0.4	0.08	6.7	0.02	0.02	15.2	0.01	0.4	9.4	0.1	0.0		0.0	8.4	15
11	168	258.chn	4A6	6.5	44	I8	7E+05	2E+06	7.5	0.5	0.1	0.83	0.6	0.01	1.09	0.5	0.02	1.7	6.7	0.3	0.07	7.0	0.01	0.47	0.8	0.01	0.0		0.0	0.0		0.0	6.2	0
11	168	257.chn	4A6	6.5	44	K8	7E+05	2E+06	7.7	0.5	0.1	0.83	0.6	0.01	1.15	0.5	0.02	1.8	6.2	0.3	0.07	6.0	0.01	0.53	0.7	0.01	0.0		0.0	0.0		0.0	6.3	0
11	168	256.chn	4A6	6.5	44	M8	7E+05	2E+06	8.3	0.5	0.1	0.86	0.6	0.02	1.28	0.5	0.02	2.0	5.5	0.3	0.08	6.0	0.01	0.56	0.7	0.01	0.0		0.0	0.0		0.0	6.7	0
11	168	255.chn	4A6	6.5	44	O8	7E+05	2E+06	8.4	0.5	0.1	0.85	0.6	0.02	1.31	0.5	0.02	2.0	5.8	0.3	0.10	5.0	0.01	0.57	0.7	0.01	0.0		0.0	0.0		0.0	6.9	0
11	168	252.chn	4A6	6.5	44	Q8	7E+05	2E+06	7.3	0.5	0.1	0.95	0.6	0.02	1.18	0.5	0.02	2.0	5.6	0.3	0.08	6.0	0.01	0.60	0.7	0.01	0.0		0.0	0.0		0.0	6.4	0
11	168	251.chn	4A6	6.5	44	S8	7E+05	2E+06	7.2	0.5	0.1	1.04	0.5	0.02	1.17	0.5	0.02	1.9	6.1	0.3	0.06	6.0	0.01	0.65	0.6	0.01	0.0		0.0	0.0		0.0	6.7	0
11	168	249.chn	4A6	6.5	44	U8	7E+05	2E+06	7.3	0.5	0.1	1.03	0.5	0.02	1.21	0.5	0.02	2.0	5.7	0.3	0.08	6.0	0.01	0.61	0.7	0.01	0.0		0.0	0.0		0.0	6.9	0
11	168	250.chn	4A6	6.5	44	U8	7E+05	2E+06	7.4	0.5	0.1	1.12	0.5	0.02	1.23	0.5	0.02	2.0	5.7	0.3	0.07	6.0	0.01	0.61	0.7	0.01	0.0		0.0	0.0		0.0	6.9	0
11	168	246.chn	4A6	6.5	44	W8	7E+05	2E+06	6.1	0.6	0.1	0.64	0.7	0.01	0.95	0.6	0.02	1.6	6.6	0.3	0.07	7.0	0.01	0.52	0.7	0.01	0.0		0.0	0.0		0.0	5.3	0
11	168	189.chn	4A6	6.5	44	I10	7E+05	2E+06	7.8	0.5	0.1	0.77	0.6	0.01	1.14	0.5	0.02	1.7	6.5	0.3	0.08	6.0	0.01	0.50	0.7	0.01	0.0		0.0	0.0		0.0	6.2	0
11	168	190.chn	4A6	6.5	44	K10	7E+05	2E+06	7.6	0.5	0.1	0.81	0.6	0.01	1.15	0.5	0.02	2.1	5.5	0.3	0.07	6.0	0.01	0.52	0.7	0.01	0.0		0.0	0.0		0.0	6.3	0
11	168	193.chn	4A6	6.5	44	M10	7E+05	2E+06	7.9	0.5	0.1	0.94	0.6	0.02	1.14	0.5	0.02	1.7	6.8	0.3	0.05	7.0	0.01	0.50	0.8	0.01	0.0		0.0	0.0		0.0	6.5	0
11	168	194.chn	4A6	6.5	44	O10	7E+05	2E+06	7.8	0.5	0.1	1.00	0.5	0.02	1.22	0.5	0.02	2.0	5.9	0.4	0.06	7.0	0.01	0.57	0.7	0.01	0.0		0.0	0.0		0.0	6.8	0
11	168	207.chn	4A6	6.5	44	Q10	7E+05	2E+06	6.0	0.6	0.1	0.66	0.7	0.01	0.91	0.6	0.02	1.5	7.5	0.3	0.06	8.0	0.01	0.49	0.8	0.01	0.0		0.0	0.0		0.0	5.4	0
11	168	206.chn	4A6	6.5	44	S10	7E+05	2E+06	7.9	0.5	0.1	0.96	0.6	0.02	1.14	0.6	0.02	1.8	6.6	0.4	0.05	8.0	0.01	0.63	0.7	0.01	0.0		0.0	0.0		0.0	7.4	0
11	168	196.chn	4A6	6.5	44	U10	7E+05	2E+06	7.0	0.5	0.1	0.96	0.6	0.02	1.14	0.5	0.02	1.9	5.9	0.3	0.07	6.0	0.01	0.67	0.6	0.01	0.0		0.0	0.0		0.0	6.4	0

OU	IHSS Number	File Name	Detector Array	Detector Height (m)	FOV m	Station	North feet	East feet	K-40 pCi/g	% Error	MDA pCi/g	Ra-226 pCi/g	% Error	MDA pCi/g	Th-232 pCi/g	% Error	MDA pCi/g	U-238 pCi/g	% Error	MDA pCi/g	U-235 pCi/g	% Error	MDA pCi/g	Cs-137 pCi/g	% Error	MDA pCi/g	Am-241 pCi/g	% Error	MDA pCi/g	Pu-239 nCi/g	% Error	MDA nCi/g	Exposure uR/h	% FOV Blocked
11	168	195.chn	4A6	6.5	44	W10	7E+05	2E+06	6.0	0.6	0.1	0.83	0.6	0.01	0.94	0.6	0.02	1.6	6.9	0.3	0.05	8.0	0.01	0.58	0.7	0.01	0.1	38.0	0.1	0.0		0.0	5.6	0
11	168	223.chn	4A6	6.5	44	W10	7E+05	2E+06	6.5	0.5	0.1	0.79	0.6	0.01	1.03	0.6	0.02	1.7	6.6	0.3	0.08	6.0	0.01	0.65	0.6	0.01	0.0		0.0	0.0		0.0	5.8	0
11	168	220.chn	4A6	6.5	44	I12	7E+05	2E+06	8.0	0.5	0.1	0.99	0.5	0.01	1.15	0.5	0.02	1.7	6.6	0.3	0.06	7.0	0.01	0.50	0.8	0.01	0.0		0.0	0.0		0.0	6.6	0
11	168	219.chn	4A6	6.5	44	K12	7E+05	2E+06	7.1	0.5	0.1	0.96	0.6	0.02	1.12	0.5	0.02	1.9	5.8	0.3	0.07	6.0	0.01	0.53	0.7	0.01	0.0		0.0	0.0		0.0	6.4	0
11	168	218.chn	4A6	6.5	44	M12	7E+05	2E+06	7.4	0.5	0.1	0.96	0.6	0.02	1.16	0.5	0.02	2.0	5.7	0.3	0.07	6.0	0.01	0.56	0.7	0.01	0.0		0.0	0.0		0.0	6.6	0
11	168	217.chn	4A6	6.5	44	O12	7E+05	2E+06	7.4	0.5	0.1	0.94	0.6	0.02	1.23	0.5	0.02	1.9	6.1	0.3	0.06	7.0	0.01	0.59	0.7	0.01	0.1	46.0	0.1	0.0		0.0	6.7	0
11	168	224.chn	4A6	6.5	44	O12	7E+05	2E+06	7.4	0.5	0.1	0.85	0.6	0.02	1.18	0.5	0.02	1.9	5.9	0.3	0.07	6.0	0.01	0.59	0.7	0.01	0.0		0.0	0.0		0.0	6.3	0
11	168	225.chn	4A6	6.5	44	O12	7E+05	2E+06	7.5	0.5	0.1	0.83	0.6	0.01	1.20	0.5	0.02	1.9	5.8	0.3	0.08	6.0	0.01	0.59	0.7	0.01	0.0		0.0	0.0		0.0	6.4	0
11	168	208.chn	4A6	6.5	44	Q12	7E+05	2E+06	6.1	0.6	0.1	0.65	0.8	0.02	0.91	0.6	0.02	1.3	8.1	0.3	0.06	8.0	0.01	0.52	0.7	0.01	0.0		0.0	0.0		0.0	5.5	0
11	168	214.chn	4A6	6.5	44	S12	7E+05	2E+06	7.0	0.5	0.1	0.91	0.6	0.02	1.14	0.5	0.02	1.8	6.2	0.3	0.07	6.0	0.01	0.70	0.6	0.01	0.0		0.0	0.0		0.0	6.4	0
11	168	213.chn	4A6	6.5	44	U12	7E+05	2E+06	6.5	0.5	0.1	0.91	0.6	0.02	1.09	0.5	0.02	1.8	6.1	0.3	0.06	7.0	0.01	0.67	0.6	0.01	0.0		0.0	0.0		0.0	6.2	0
11	168	212.chn	4A6	6.5	44	W12	7E+05	2E+06	6.9	0.5	0.1	0.86	0.6	0.02	1.05	0.6	0.02	1.7	6.4	0.3	0.07	7.0	0.01	0.61	0.7	0.01	0.0		0.0	0.0		0.0	6.1	0
11	168	233.chn	4A6	6.5	44	I14	7E+05	2E+06	6.2	0.6	0.1	0.78	0.7	0.02	0.96	0.6	0.02	1.5	7.4	0.3	0.06	7.0	0.01	0.40	0.9	0.01	0.0		0.0	0.0		0.0	5.5	0
11	168	236.chn	4A6	6.5	44	K14	7E+05	2E+06	7.3	0.5	0.1	0.94	0.6	0.02	1.12	0.5	0.02	2.0	5.8	0.3	0.05	8.0	0.01	0.50	0.8	0.01	0.0		0.0	0.0		0.0	6.3	0
11	168	237.chn	4A6	6.5	44	M14	7E+05	2E+06	7.2	0.5	0.1	1.06	0.5	0.02	1.16	0.5	0.02	2.2	5.3	0.3	0.05	7.0	0.01	0.59	0.7	0.01	0.1	25.6	0.1	0.0		0.0	6.8	0
11	168	242.chn	4A6	6.5	44	M14	7E+05	2E+06	7.5	0.5	0.1	0.74	0.7	0.02	1.21	0.5	0.02	2.2	4.9	0.3	0.07	7.0	0.01	0.63	0.6	0.01	0.0		0.0	0.0		0.0	6.4	0
11	168	238.chn	4A6	6.5	44	O14	7E+05	2E+06	7.2	0.5	0.1	1.08	0.5	0.02	1.11	0.5	0.02	1.9	6.2	0.3	0.04	7.0	0.01	0.55	0.7	0.01	0.0		0.0	0.0		0.0	6.7	0
11	168	239.chn	4A6	6.5	44	Q14	7E+05	2E+06	6.7	0.5	0.1	1.00	0.5	0.01	1.05	0.6	0.02	1.8	6.4	0.3	0.06	6.0	0.01	0.62	0.7	0.01	0.0		0.0	0.0		0.0	6.4	0
11	168	243.chn	4A6	6.5	44	S14	7E+05	2E+06	6.2	0.6	0.1	0.64	0.7	0.01	0.98	0.6	0.02	1.8	6.0	0.3	0.07	7.0	0.02	0.58	0.7	0.01	0.0		0.0	0.0		0.0	5.4	0
11	168	244.chn	4A6	6.5	44	U14	7E+05	2E+06	5.7	0.6	0.1	0.61	0.8	0.01	0.90	0.6	0.02	1.4	7.4	0.3	0.07	7.0	0.01	0.59	0.7	0.01	0.0		0.0	0.0		0.0	5.1	0
11	168	245.chn	4A6	6.5	44	W14	7E+05	2E+06	6.6	0.5	0.1	0.63	0.8	0.02	0.92	0.6	0.02	1.5	7.1	0.3	0.08	6.0	0.01	0.53	0.7	0.01	0.0		0.0	0.0		0.0	5.3	0
11	168	267.chn	4A6	6.5	44	I16	7E+05	2E+06	8.5	0.5	0.1	0.87	0.6	0.02	1.27	0.5	0.02	2.0	5.7	0.3	0.07	6.0	0.01	0.53	0.7	0.01	0.0		0.0	0.0		0.0	6.8	0
11	168	268.chn	4A6	6.5	44	K16	7E+05	2E+06	7.3	0.5	0.1	0.77	0.7	0.02	1.12	0.5	0.02	1.8	6.1	0.3	0.07	7.0	0.02	0.48	0.8	0.01	0.0		0.0	0.0		0.0	6.0	0
11	168	269.chn	4A6	6.5	44	M16	7E+05	2E+06	7.3	0.5	0.1	0.87	0.6	0.02	1.22	0.5	0.02	2.0	5.7	0.3	0.08	6.0	0.02	0.61	0.7	0.01	0.0		0.0	0.0		0.0	6.5	0
11	168	270.chn	4A6	6.5	44	O16	7E+05	2E+06	7.3	0.5	0.1	0.89	0.6	0.02	1.25	0.5	0.02	2.1	5.4	0.3	0.08	6.0	0.01	0.66	0.6	0.01	0.0		0.0	0.0		0.0	6.6	0
11	168	273.chn	4A6	6.5	44	Q16	7E+05	2E+06	8.0	0.5	0.1	0.84	0.6	0.02	1.30	0.6	0.02	2.2	5.1	0.3	0.10	5.0	0.01	0.67	0.6	0.01	0.0		0.0	0.0		0.0	6.9	0
11	168	274.chn	4A6	6.5	44	S16	7E+05	2E+06	7.7	0.5	0.1	0.83	0.6	0.01	1.25	0.5	0.02	2.1	5.3	0.3	0.09	5.0	0.01	0.71	0.6	0.01	0.0		0.0	0.0		0.0	6.7	0
11	168	275.chn	4A6	6.5	44	U16	7E+05	2E+06	6.2	0.6	0.1	0.74	0.7	0.02	1.02	0.6	0.02	1.9	5.8	0.3	0.06	8.0	0.01	0.74	0.6	0.01	0.0		0.0	0.0		0.0	5.7	0
11	168	276.chn	4A6	6.5	44	W16	7E+05	2E+06	6.3	0.5	0.1	0.76	0.6	0.01	1.02	0.6	0.02	1.9	5.6	0.3	0.07	7.0	0.01	0.77	0.6	0.01	0.0		0.0	0.0		0.0	5.8	0
11	168	264.chn	4A6	6.5	44	ORW	8E+05	2E+06	14.7	0.4	0.2	1.21	0.5	0.02	1.76	0.4	0.02	2.4	6.1	0.4	0.07	7.0	0.01	0.27	1.3	0.01	0.0		0.0	0.0		0.0	10.3	0
11	168	201.chn	4A6	6.5	44	E24	7E+05	2E+06	7.3	0.5	0.1	0.86	0.6	0.02	1.13	0.5	0.02	2.0	5.5	0.3	0.08	6.0	0.01	0.51	0.7	0.01	0.0		0.0	0.0		0.0	6.2	0
11	168	227.chn	4A6	6.5	44	H24	7E+05	2E+06	6.9	0.5	0.1	0.76	0.7	0.02	1.07	0.5	0.02	1.8	6.2	0.3	0.07	7.0	0.01	0.59	0.7	0.01	0.0		0.0	0.0		0.0	5.8	0
11	168	202.chn	4A6	6.5	44	K24	7E+05	2E+06	6.7	0.5	0.1	0.73	0.7	0.02	0.96	0.6	0.02	1.7	6.6	0.3	0.06	7.0	0.01	0.49	0.8	0.01	0.0		0.0	0.0		0.0	5.5	0
11	168	205.chn	4A6	6.5	44	N24	7E+05	2E+06	6.3	0.6	0.1	0.81	0.6	0.01	0.97	0.6	0.02	1.4	7.8	0.3	0.06	7.0	0.01	0.57	0.7	0.01	0.0		0.0	0.0		0.0	5.9	0
11	168	228.chn	4A6	6.5	44	J25	7E+05	2E+06	7.2	0.5	0.1	0.78	0.6	0.01	1.14	0.5	0.02	1.7	6.3	0.3	0.08	6.0	0.02	0.64	0.6	0.01	0.0		0.0	0.0		0.0	6.2	0
11	168	230.chn	4A6	6.5	44	M25	7E+05	2E+06	6.3	0.6	0.1	0.77	0.7	0.02	1.01	0.6	0.02	1.6	7.1	0.3	0.06	7.0	0.01	0.65	0.6	0.01	0.0		0.0	0.0		0.0	5.8	0
11	168	283.chn	4A6	6.5	44	H26	7E+05	2E+06	7.9	0.5	0.1	0.87	0.6	0.02	1.23	0.5	0.02	1.8	6.2	0.3	0.08	6.0	0.01	0.66	0.6	0.01	0.0		0.0	0.0		0.0	6.7	0
11	168	200.chn	4A6	6.5	44	F27	7E+05	2E+06	6.2	0.6	0.1	0.78	0.6	0.01	0.91	0.6	0.02	1.4	7.7	0.3	0.05	8.0	0.01	0.45	0.8	0.01	0.0		0.0	0.0		0.0	5.4	0
11	168	262.chn	4A6	6.5	44	K27	7E+05	2E+06	7.3	0.5	0.1	1.02	0.5	0.02	1.26	0.5	0.02	2.1	5.6	0.3	0.08	6.0	0.01	0.67	0.6	0.01	0.0		0.0	0.0		0.0	6.8	0
11	168	290.chn	4A6	6.5	44	M27	7E+05	2E+06	6.4	0.5	0.1	1.40	0.4	0.02	1.14	0.5	0.02	1.6	7.1	0.3	0.02	8.0	0.00	0.70	0.6	0.01	0.0		0.0	0.0		0.0	7.3	0
11	168	282.chn	4A6	6.5	44	H28	7E+05	2E+06	8.1	0.5	0.1	0.89	0.6	0.02	1.30	0.5	0.02	2.2	5.3	0.3	0.08	6.0	0.01	0.66	0.6	0.01	0.0		0.0	0.0		0.0	7.0	0
11	168	279.chn	4A6	6.5	44	J28	7E+05	2E+06	7.3	0.5	0.1	0.86	0.6	0.02	1.20	0.5	0.02	2.0	5.6	0.3	0.08	6.0	0.02	0.69	0.6	0.01	0.0		0.0	0.0		0.0	6.6	0
11	168	263.chn	4A6	6.5	44	K29	7E+05	2E+06	7.2	0.5	0.1	1.01	0.5	0.02	1.23	0.5	0.02	2.0	5.7	0.3	0.07	6.0	0.01	0.68	0.6	0.01	0.0		0.0	0.0		0.0	6.8	0
11	168	291.chn	4A6	6.5	44	M29	7E+05	2E+06	6.4	0.5	0.1	1.27	0.5	0.02	1.13	0.5	0.02	1.7	6.6	0.3	0.03	8.0	0.01	0.62	0.7	0.01	0.0		0.0	0.0		0.0	6.9	0
11	168	199.chn	4A6	6.5	44	F30	7E+05	2E+06	7.1	0.5	0.1	0.96	0.5	0.01	1.11	0.5	0.02	1.9	6.0	0.3	0.06	6.0	0.01	0.52	0.7	0.01	0.0		0.0	0.0		0.0	6.4	0
11	168	281.chn	4A6	6.5	44	H30	7E+05	2E+06	7.1	0.5	0.1	0.86	0.6	0.02	1.20	0.5	0.02	1.8	6.0	0.3	0.09	6.0	0.02	0.67	0.6	0.01	0.0		0.0	0.0		0.0	6.4	0
11	168	280.chn	4A6	6.5	44	J30	7E+05	2E+06	7.0	0.5	0.1	0.81	0.6	0.01	1.15	0.5	0.02	2.0	5.7	0.3	0.07	6.0	0.01	0.71	0.6	0.01	0.0		0.0	0.0		0.0	6.3	0
11	168	187.chn	6A6	6.5	44	6W	7E+05	2E+06	6.5	0.5	0.1	0.84	0.6	0.02	1.13	0.5	0.02	2.1	5.1	0.3	0.09	5.4	0.02	0.66	0.6	0.01	0.0		0.0	0.0		0.0	5.9	0
11	168	188.chn	6A6	6.5	44	6U	7E+05	2E+06	6.7	0.5	0.1	0.89	0.6	0.02	1.17	0.5	0.02	1.5	10.2	0.4	0.63	0.7	0.01	0.00		0.00	0.0		0.0	0.0		0.0	6.0	0

OU	IHSS Number	File Name	Detector Array	Detector Height (m)	FOV m	Station	North feet	East feet	K-40 pCi/g	% Error	MDA pCi/g	Ra-226 pCi/g	% Error	MDA pCi/g	Th-232 pCi/g	% Error	MDA pCi/g	U-238 pCi/g	% Error	MDA pCi/g	U-235 pCi/g	% Error	MDA pCi/g	Cs-137 pCi/g	% Error	MDA pCi/g	Am-241 pCi/g	% Error	MDA pCi/g	Pu-239 nCi/g	% Error	MDA nCi/g	Exposure uR/h	% FOV Blocked
11	168	189.chn	6A6	6.5	44	6S	7E+05	2E+06	7.0	0.5	0.1	0.93	0.6	0.02	1.25	0.5	0.02	1.6	9.9	0.5	0.08	5.8	0.01	0.60	0.7	0.01	0.0		0.0	0.0		0.0	6.2	0
11	168	190.chn	6A6	6.5	44	6Q	7E+05	2E+06	6.8	0.5	0.1	0.96	0.6	0.02	1.21	0.5	0.02	1.5	9.9	0.5	0.08	5.8	0.01	0.62	0.7	0.01	0.0		0.0	0.0		0.0	6.2	0
11	168	193.chn	6A6	6.5	44	6O	7E+05	2E+06	7.4	0.5	0.1	0.91	0.6	0.02	1.26	0.5	0.02	1.6	9.9	0.5	0.08	5.7	0.01	0.54	0.7	0.01	0.0			0.0			6.4	0
12		71.chn	3A6	6.5	44	A	7E+05	2E+06	19.0	0.6	0.3	0.85	1.4	0.04	1.48	1.0	0.04	2.5	10.8	0.8	0.06	17.0	0.03	0.01	48.0	0.02	0.0		0.0	0.0		0.0	9.9	50
12		72.chn	3A6	6.5	44	A	7E+05	2E+06	19.1	0.6	0.3	0.88	1.3	0.03	1.48	1.0	0.04	2.4	12.5	0.9	0.08	15.0	0.04	0.00		0.00	0.0		0.0	0.0		0.0	9.5	30
12	136.1	20.chn	4A6	6.5	44	I	7E+05	2E+06	24.1	0.6	0.4	1.18	1.2	0.04	2.26	0.8	0.05	8.3	4.1	1.0	0.15	11.0	0.05	0.00		0.00	0.0		0.0	0.0		0.0	13.4	30
12		19.chn	4A6	6.5	44	O	7E+05	2E+06	23.4	0.6	0.4	1.05	1.2	0.04	1.95	0.8	0.05	4.3	8.0	1.0	0.11	12.0	0.04	0.00		0.00	0.0		0.0	0.0		0.0	12.1	15
12		24.chn	4A6	6.5	44	E	7E+05	2E+06	21.3	0.6	0.4	1.21	1.1	0.04	1.84	0.9	0.05	3.9	7.8	0.9	0.10	13.0	0.04	0.00		0.00	0.0		0.0	0.0		0.0	11.9	50
12	116.1	23.chn	4A6	6.5	44	G	7E+05	2E+06	23.1	0.6	0.4	1.22	1.2	0.04	2.35	0.8	0.06	10.4	5.4	1.1	0.09	14.0	0.04	0.00		0.00	0.0		0.0	0.0		0.0	13.4	30
12		73.chn	3A6	6.5	44	B	7E+05	2E+06	18.8	0.6	0.3	0.99	1.2	0.04	1.23	1.1	0.04	2.5	11.2	0.8	0.09	13.0	0.04	0.05	10.5	0.02	0.0		0.0	0.0		0.0	9.3	30
12		18.chn	4A6	6.5	44	P	7E+05	2E+06	23.0	0.6	0.4	0.96	1.3	0.04	1.73	0.9	0.05	5.3	5.8	0.9	0.07	16.0	0.04	0.00		0.00	0.0		0.0	0.0		0.0	11.2	25
12		17.chn	4A6	6.5	44	K	7E+05	2E+06	19.0	0.6	0.3	0.99	1.2	0.04	1.96	0.8	0.05	3.5	8.1	0.9	0.06	16.0	0.03	0.00		0.00	0.7	10.8	0.2	0.0		0.0	10.8	30
12		12.chn	4A6	6.5	44	M	7E+05	2E+06	16.5	0.7	0.3	0.78	1.5	0.04	1.42	1.0	0.04	2.1	14.5	0.9	0.05	20.0	0.03	0.02	32.2	0.02	2.1	4.3	0.3	0.0		0.0	8.7	0
12		74.chn	3A6	6.5	44	C	7E+05	2E+06	23.4	0.6	0.4	1.15	1.2	0.04	1.98	0.8	0.05	3.3	9.5	0.9	0.09	13.0	0.04	0.01	42.0	0.02	0.0		0.0	0.0		0.0	12.2	10
12		14.chn	4A6	6.5	44	Q	7E+05	2E+06	14.4	0.7	0.3	0.67	1.6	0.03	1.02	1.2	0.04	2.6	10.5	0.8	0.05	9.0	0.03	0.00		0.00	3.7	2.1	0.2	0.0		0.0	7.1	0
12		16.chn	4A6	6.5	44	S	7E+05	2E+06	13.7	0.7	0.3	0.59	1.7	0.03	0.91	1.3	0.04	1.7	14.1	0.7	0.04	23.0	0.03	0.00		0.00	2.7	2.8	0.2	0.0		0.0	6.6	50
12	116.2	11.chn	4A6	6.5	44	L	7E+05	2E+06	17.5	0.7	0.4	0.86	1.4	0.04	1.67	0.9	0.05	2.6	12.6	1.0	0.09	15.0	0.04	0.02	26.2	0.02	1.0	8.8	0.3	0.0		0.0	9.7	0
12		8.chn	4A6	6.5	44	J	7E+05	2E+06	21.0	0.6	0.4	1.08	1.2	0.04	2.17	0.8	0.05	3.5	9.8	1.0	0.08	15.0	0.03	0.00		0.00	1.7	5.3	0.3	0.0		0.0	12.0	40
12		5.chn	4A6	6.5	44	D	7E+05	2E+06	18.7	0.6	0.3	0.78	1.5	0.04	1.25	1.1	0.04	2.2	13.7	0.9	0.07	16.0	0.03	0.02	28.0	0.02	0.6	13.1	0.2	0.0		0.0	8.8	0
12		75.chn	3A6	6.5	44	D	7E+05	2E+06	22.4	0.6	0.4	1.03	1.2	0.04	1.71	0.9	0.05	2.5	11.9	0.9	0.09	13.0	0.04	0.02	25.3	0.02	1.0	8.4	0.2	0.0		0.0	11.2	0
12		13.chn	4A6	6.5	44	R	7E+05	2E+06	16.0	0.7	0.3	0.67	1.7	0.03	0.99	1.3	0.04	2.0	19.8	1.2	0.06	19.0	0.03	0.03	18.9	0.02	23.2	0.6	0.4	0.0		0.0	7.6	0
12		15.chn	4A6	6.5	44	R	7E+05	2E+06	16.1	0.7	0.3	0.74	1.5	0.03	1.05	1.2	0.04	2.4	12.2	0.9	0.08	14.0	0.03	0.03	18.3	0.02	26.2	0.5	0.4	0.0		0.0	7.8	0
12		7.chn	4A6	6.5	44	H	7E+05	2E+06	17.8	0.6	0.3	0.87	1.4	0.04	1.66	0.9	0.04	3.1	9.4	0.9	0.09	14.0	0.04	0.04	15.1	0.02	4.0	2.2	0.3	1.2	23.2	0.8	9.8	40
12	136.2	6.chn	4A6	6.5	44	F	7E+05	2E+06	20.7	0.6	0.4	0.92	1.3	0.04	1.77	0.9	0.05	2.4	12.2	0.9	0.11	13.0	0.04	0.04	14.6	0.02	1.2	6.8	0.2	0.0		0.0	10.8	15
12	120.2	26.chn	4A6	6.5	44	U	7E+05	2E+06	22.2	0.6	0.4	1.21	1.1	0.04	2.06	0.8	0.05	3.0	10.7	1.0	0.09	13.0	0.04	0.02	33.1	0.02	44.5	0.4	0.5	1.3	32.3	1.3	12.6	40
12	136.2	25.chn	4A6	6.5	44	T	7E+05	2E+06	17.4	0.3	0.2	0.86	0.7	0.02	0.98	0.6	0.02	2.3	6.0	0.4	0.08	7.0	0.02	0.04	7.2	0.01	9.6	0.5	0.1	0.9	13.3	0.4	7.9	10
12		1.chn	40447	1	12.4	T (H)	7E+05	2E+06	14.5	0.8	0.3	0.74	1.5	0.03	0.81	1.3	0.03	2.5	11.1	0.8	0.03	17.0	0.01	0.07	8.6	0.02	1.2	1.9	0.1	0.0		0.0	6.9	0
12	120.1	27.chn	4A6	6.5	44	V	7E+05	2E+06	13.6	0.7	0.3	0.88	1.3	0.03	1.02	1.2	0.04	3.6	7.9	0.9	0.13	10.0	0.04	0.10	5.7	0.02	80.1	0.2	0.5	4.8	5.5	0.8	9.4	0
12	120.1	28.chn	4A6	6.5	44	N	7E+05	2E+06	46.8	0.4	0.6	1.92	1.2	0.07	3.10	0.9	0.08	87.7	1.2	3.2	1.71	3.0	0.15	0.76	1.8	0.04	7990.0	0.1	12.0	403.0	0.3	3.6	142.0	50
12	120.1	31.chn	4A6	6.5	44	N	7E+05	2E+06	42.1	0.4	0.5	1.76	1.2	0.06	2.85	0.9	0.08	84.4	1.2	3.0	1.56	3.0	0.14	0.61	2.1	0.04	6990.0	0.1	10.5	356.0	0.3	3.2	116.0	0
12	147.2	109.chn	4A6	6.5	44	3D	7E+05	2E+06	11.0	0.4	0.1	0.66	1.1	0.02	1.03	0.8	0.02	19.3	1.1	0.6	0.17	6.0	0.03	0.05	8.6	0.01	0.0		0.0	0.0		0.0	9.5	30
13	148	106.chn	4A6	6.5	44	3C	7E+05	2E+06	17.6	0.6	0.3	0.95	1.2	0.03	1.10	1.2	0.04	1.9	13.9	0.8	0.09	13.0	0.03	0.03	20.2	0.02	0.0		0.2	0.0		1.2	8.2	0
13	148	103.chn	4A6	6.5	44	ZZ	7E+05	2E+06	18.8	0.6	0.3	0.94	1.3	0.04	1.52	0.9	0.04	2.2	12.4	0.8	0.09	13.0	0.03	0.04	12.7	0.02	0.0		0.2	0.0		1.2	9.6	50
13	148	105.chn	4A6	6.5	44	3B	7E+05	2E+06	17.5	0.6	0.3	0.81	1.4	0.03	1.01	1.3	0.04	1.7	15.5	0.8	0.08	14.0	0.03	0.01	39.0	0.02	0.0		0.2	0.0		1.2	7.9	40
13	148	104.chn	4A6	6.5	44	3A	7E+05	2E+06	17.6	0.6	0.3	1.03	1.2	0.04	1.11	1.2	0.04	1.9	13.8	0.8	0.08	13.0	0.03	0.03	21.3	0.02	0.0		0.2	0.0		1.2	8.7	50
13	128	70.chn	4A6	6.5	44	BB	7E+05	2E+06	19.5	0.6	0.4	0.92	1.3	0.04	1.20	1.1	0.04	1.8	21.4	1.1	0.08	13.0	0.03	0.01	47.0	0.02	0.0		0.2	0.0		1.2	8.8	15
13	171	69.chn	4A6	6.5	44	AA	7E+05	2E+06	17.2	0.6	0.3	0.85	1.3	0.03	0.95	1.3	0.04	1.8	14.3	0.8	0.08	13.0	0.03	0.02	24.7	0.01	0.0		0.2	0.0		1.2	7.6	40
13	171	67.chn	4A6	6.5	44	Y	7E+05	2E+06	20.4	0.6	0.4	1.00	1.2	0.04	0.97	1.3	0.04	2.1	12.7	0.8	0.05	16.0	0.03	0.01	43.0	0.02	0.0		0.2	0.0		1.2	8.5	10
13	134	66.chn	4A6	6.5	44	X	7E+05	2E+06	20.2	0.6	0.4	1.16	1.1	0.04	1.23	1.1	0.04	2.3	12.1	0.8	0.09	12.0	0.03	0.03	17.9	0.02	0.0		0.2	0.0		1.2	9.5	10
13	128	68.chn	4A6	6.5	44	Z	7E+05	2E+06	21.8	0.6	0.4	1.02	1.2	0.04	1.36	1.0	0.04	2.6	13.0	1.0	0.08	14.0	0.03	0.00		0.02	0.0		0.2	0.0		1.2	9.8	5
13	191	77.chn	4A6	6.5	44	FF	7E+05	2E+06	22.2	0.6	0.4	0.98	1.2	0.04	1.47	1.0	0.04	2.1	13.5	0.9	0.10	13.0	0.04	0.02	30.1	0.02	0.0		0.2	0.0		1.2	10.4	50
13	157.1	74.chn	4A6	6.5	44	CC	7E+05	2E+06	20.1	0.6	0.4	0.92	1.3	0.04	1.46	1.0	0.04	2.3	11.7	0.8	0.07	15.0	0.03	0.01	41.0	0.02	0.0		0.2	0.0		1.2	9.6	50
13	157.1	76.chn	4A6	6.5	44	EE	7E+05	2E+06	16.7	0.7	0.4	0.74	1.5	0.03	1.39	1.0	0.04	2.5	12.6	0.9	0.08	15.0	0.03	0.01	40.0	0.02	0.0		0.2	0.0		1.2	8.3	40
13	157.1	75.chn	4A6	6.5	44	DD	7E+05	2E+06	17.7	0.6	0.3	0.75	1.5	0.03	1.23	1.1	0.04	2.7	11.7	0.9	0.07	16.0	0.03	0.02	34.0	0.02	0.0		0.2	0.0		1.2	8.2	40
13	157.1	78.chn	4A6	6.5	44	GG	7E+05	2E+06	22.2	0.6	0.4	0.86	1.4	0.04	1.54	0.9	0.04	2.5	11.6	0.9	0.10	13.0	0.04	0.00		0.02	0.0		0.2	0.0		1.2	10.3	0
13	186	48.chn	4A6	6.5	44	J	8E+05	2E+06	19.1	0.6	0.3	0.95	1.2	0.03	1.05	1.2	0.04	2.2	12.1	0.8	0.04	18.0	0.02	0.00		0.02	0.0		0.2	0.0		1.2	8.3	10
13		102.chn	4A6	6.5	44	YY	7E+05	2E+06	23.4	0.6	0.4	0.97	1.3	0.04	1.63	0.9	0.04	2.4	12.1	0.9	0.07	15.0	0.03	0.00		0.02	0.0		0.2	0.0		1.2	10.9	50
13	157.1	79.chn	4A6	6.5	44	HH	7E+05	2E+06	20.2	0.6	0.4	0.83	1.4	0.03	1.22	1.1	0.04	2.0	13.9	0.8	0.09	13.0	0.04	0.02	22.3	0.02	0.0		0.2	0.0		1.2	9.1	15
13	158	71.chn	4A6	6.5	44	V	7E+05	2E+06	16.2	0.7	0.3	0.71	1.5	0.03	1.01	1.2	0.04	1.8	13.8	0.8	0.07	16.0	0.03	0.04	13.4	0.02	0.0		0.2	0.0		1.2	7.5	50

OU	IHSS Number	File Name	Detector Array	Detector Height (m)	FOV m	Station	North feet	East feet	K-40 pCi/g	% Error	MDA pCi/g	Ra-226 pCi/g	% Error	MDA pCi/g	Th-232 pCi/g	% Error	MDA pCi/g	U-238 pCi/g	% Error	MDA pCi/g	U-235 pCi/g	% Error	MDA pCi/g	Cs-137 pCi/g	% Error	MDA pCi/g	Am-241 pCi/g	% Error	MDA pCi/g	Pu-239 nCi/g	% Error	MDA nCi/g	Exposure uR/h	% FOV Blocked
13	186	47.chn	4A6	6.5	44	I	8E+05	2E+06	16.6	0.7	0.3	0.83	1.3	0.03	1.04	1.2	0.04	2.0	12.7	0.8	0.09	13.0	0.04	0.00		0.02	0.2	45.0	0.2	0.0		1.2	7.7	70
13	152	287.chn	4A6	6.5	44	5B	7E+05	2E+06	19.7	0.3	0.2	0.77	0.7	0.02	1.12	0.6	0.02	1.8	7.5	0.4	0.05	9.0	0.01	0.04	7.2	0.01	0.2	15.3	0.1	0.0		1.2	8.4	0
13	158	64.chn	4A6	6.5	44	U	7E+05	2E+06	15.4	0.7	0.3	1.02	1.1	0.03	1.11	1.2	0.04	2.0	13.1	0.8	0.04	18.0	0.02	0.03	17.3	0.02	0.0		0.2	0.0		1.2	7.9	30
13	117.3	49.chn	4A6	6.5	44	K	7E+05	2E+06	13.8	0.7	0.3	0.82	1.3	0.03	1.18	1.1	0.04	2.7	11.4	0.9	0.09	13.0	0.03	0.07	7.0	0.02	0.3	23.7	0.2	0.0		1.2	7.5	5
13	117.1	33.chn	6A6	6.5	44	6W	8E+05	2E+06	20.5	0.3	0.2	0.80	0.7	0.02	1.25	0.5	0.02	2.2	6.3	0.4	0.08	7.4	0.02	0.09	31.6	0.08	0.0		0.2	0.0		0.4	8.7	0
13	152	286.chn	4A6	6.5	44	5A	7E+05	2E+06	14.0	0.4	0.2	0.71	0.7	0.01	0.98	0.6	0.02	1.8	6.8	0.4	0.07	8.0	0.02	0.06	4.4	0.01	0.3	11.0	0.1	0.0		0.4	6.8	0
13	117.3	51.chn	4A6	6.5	44	N	7E+05	2E+06	13.7	0.7	0.3	0.70	1.4	0.03	0.99	1.2	0.04	2.2	11.3	0.7	0.04	19.0	0.03	0.06	9.0	0.02	0.2	29.0	0.2	0.0		1.2	6.9	0
13	158	63.chn	4A6	6.5	44	T	7E+05	2E+06	20.1	0.6	0.4	1.12	1.1	0.04	1.31	1.1	0.04	2.3	13.0	0.9	0.03	18.0	0.02	0.00		0.02	0.5	15.0	0.2	0.0		1.2	9.6	0
13	158	62.chn	4A6	6.5	44	S	7E+05	2E+06	20.9	0.6	0.4	0.99	1.2	0.04	1.23	1.1	0.04	1.9	14.7	0.8	0.07	15.0	0.03	0.00		0.02	0.3	23.5	0.2	0.0		1.2	9.6	0
13	117.2	58.chn	4A6	6.5	44	R	7E+05	2E+06	21.7	0.6	0.4	0.91	1.3	0.04	1.27	1.1	0.04	1.9	14.5	0.8	0.05	19.0	0.03	0.02	26.4	0.02	0.8	9.2	0.2	0.0		1.2	9.5	0
13	117.1	38.chn	4A6	6.5	44	C	8E+05	2E+06	16.2	0.7	0.3	0.82	1.4	0.03	1.50	0.9	0.04	2.8	9.4	0.8	0.09	13.0	0.04	0.03	20.6	0.02	0.5	13.7	0.2	0.0		1.2	8.5	25
13	117.2	65.chn	4A6	6.5	44	W	7E+05	2E+06	20.6	0.6	0.4	1.10	1.1	0.04	1.51	1.0	0.05	2.3	13.2	0.9	0.08	13.0	0.03	0.01	46.0	0.02	0.9	8.9	0.2	0.0		1.2	10.2	20
13	117.3	50.chn	4A6	6.5	44	L	7E+05	2E+06	15.7	0.7	0.3	0.82	1.3	0.03	1.11	1.1	0.04	2.2	11.5	0.8	0.08	14.0	0.03	0.03	17.4	0.02	0.6	13.1	0.2	0.0		1.2	7.8	0
13	117.1	39.chn	4A6	6.5	44	A	8E+05	2E+06	16.3	0.7	0.3	0.81	1.4	0.03	1.39	1.0	0.04	2.2	12.1	0.8	0.08	13.0	0.03	0.02	25.6	0.02	1.2	6.7	0.2	0.0		1.2	8.4	25
13	117.1	37.chn	4A6	6.5	44	D	8E+05	2E+06	11.7	0.8	0.3	0.67	1.5	0.03	0.94	1.3	0.04	2.1	12.9	0.8	0.07	15.0	0.03	0.02	21.1	0.01	2.0	3.9	0.2	0.0		1.2	6.4	10
13	117.1	44.chn	4A6	6.5	44	H	7E+05	2E+06	17.0	0.7	0.4	1.04	1.2	0.04	1.60	0.9	0.04	2.5	10.7	0.8	0.08	13.0	0.03	0.02	34.0	0.02	3.6	2.4	0.3	0.0		1.2	9.4	25
13	117.3	52.chn	4A6	6.5	44	M	7E+05	2E+06	18.8	0.6	0.3	0.74	1.5	0.03	1.12	1.2	0.04	2.4	11.1	0.8	0.06	18.0	0.03	0.04	13.7	0.02	0.8	10.1	0.2	0.0		1.2	8.3	0
13	117.2	57.chn	4A6	6.5	44	Q	7E+05	2E+06	18.5	0.6	0.3	1.00	1.2	0.04	1.74	0.8	0.04	2.4	11.5	0.8	0.10	12.0	0.03	0.02	22.9	0.02	6.3	1.5	0.3	0.0		1.2	10.0	0
13	117.2	56.chn	4A6	6.5	44	P	7E+05	2E+06	19.8	0.6	0.4	0.88	1.3	0.03	1.40	1.0	0.04	2.4	12.5	0.9	0.06	17.0	0.03	0.02	38.0	0.02	3.6	2.4	0.3	0.0		1.2	9.4	0
13	117.2	55.chn	4A6	6.5	44	O	7E+05	2E+06	21.8	0.6	0.4	0.93	1.3	0.04	1.44	1.0	0.04	2.8	12.0	1.0	0.06	17.0	0.03	0.02	24.5	0.02	1.7	4.9	0.2	0.0		1.2	10.0	0
13	117.1	32.chn	6A6	6.5	44	6V	8E+05	2E+06	22.2	0.3	0.2	1.07	0.6	0.02	1.46	0.5	0.02	2.3	6.2	0.4	0.09	6.3	0.02	0.01	22.2	0.01	0.0		0.1	0.0		0.4	9.9	20
13		82.chn	4A6	6.5	44	H	7E+05	2E+06	18.8	0.7	0.4	0.90	1.3	0.04	1.15	1.2	0.04	2.1	16.7	1.1	0.06	17.0	0.03	0.02	29.3	0.02	0.5	15.5	0.2	0.0		1.2	8.7	15
13	117.1	42.chn	4A6	6.5	44	B	8E+05	2E+06	13.6	0.7	0.3	0.91	1.2	0.03	1.08	1.2	0.04	2.0	14.0	0.8	0.12	10.0	0.04	0.03	19.0	0.01	1.5	5.4	0.2	0.0		1.2	7.5	5
13	117.1	43.chn	4A6	6.5	44	E	8E+05	2E+06	13.5	0.7	0.3	0.94	1.2	0.03	1.05	1.2	0.04	2.1	12.0	0.8	0.08	13.0	0.03	0.02	26.0	0.01	3.9	2.2	0.3	0.0		1.2	7.4	25
13	197	359.chn	4A6	6.5	44	5E	8E+05	2E+06	20.7	0.3	0.2	0.99	0.6	0.02	1.38	0.5	0.02	1.9	7.5	0.4	0.05	8.3	0.01	0.09	28.4	0.08	0.3	11.8	0.1	0.4	41.0	0.5	9.7	10
13	197	45.chn	4A6	6.5	44	F	7E+05	2E+06	21.3	0.6	0.4	1.21	1.1	0.04	1.50	1.0	0.05	3.4	9.5	1.0	0.10	12.0	0.04	0.01	40.0	0.02	22.3	0.6	0.4	1.1	35.0	1.2	10.7	5
13	197	59.chn	4A6	6.5	44	F	7E+05	2E+06	20.6	0.3	0.2	1.04	0.6	0.02	1.43	0.5	0.02	2.7	5.5	0.4	0.08	7.0	0.02	0.01	20.5	0.01	20.5	0.3	0.2	0.6	30.4	0.6	10.1	0
13	197	46.chn	4A6	6.5	44	G	7E+05	2E+06	18.3	0.6	0.3	0.99	1.2	0.04	1.18	1.1	0.04	2.7	11.5	0.9	0.08	13.0	0.03	0.02	25.6	0.02	47.7	0.4	0.6	0.0		1.2	9.3	20
13	197	357.chn	4A6	6.5	44	5C	8E+05	2E+06	23.4	0.3	0.2	1.05	0.6	0.02	1.52	0.5	0.02	2.6	5.7	0.4	0.06	8.2	0.01	0.10	28.9	0.09	2.0	2.2	0.1	0.8	16.7	0.4	10.8	15
13		83.chn	4A6	6.5	44	JJ	7E+05	2E+06	18.4	0.6	0.3	1.01	1.2	0.04	1.23	1.1	0.04	2.5	11.1	0.8	0.08	13.0	0.03	0.04	13.1	0.02	1.9	4.3	0.3	0.0		1.2	8.8	20
13	197	358.chn	4A6	6.5	44	5D	7E+05	2E+06	23.1	0.3	0.2	1.11	0.6	0.02	1.52	0.5	0.02	5.6	3.0	0.5	0.13	5.5	0.02	0.02	15.8	0.01	82.6	0.1	0.2	3.4	4.4	0.5	12.2	5
13		84.chn	4A6	6.5	44	KK	7E+05	2E+06	20.6	0.6	0.4	1.00	1.2	0.04	1.08	1.2	0.04	3.8	7.6	0.9	0.09	13.0	0.04	0.00		0.01	1.6	5.2	0.2	0.0		1.2	9.0	30
13		85.chn	4A6	6.5	44	LL	7E+05	2E+06	19.0	0.6	0.3	1.09	1.2	0.04	1.11	1.3	0.04	6.5	5.0	1.0	0.09	14.0	0.04	0.02	37.0	0.02	0.0		0.2	0.0		1.2	9.4	25
13		86.chn	4A6	6.5	44	MM	7E+05	2E+06	20.7	0.6	0.4	1.21	1.2	0.04	1.67	1.0	0.05	13.1	2.8	1.1	0.12	13.0	0.05	0.00		0.02	0.0		0.2	0.0		1.2	12.2	30
13		87.chn	4A6	6.5	44	NN	7E+05	2E+06	21.6	0.6	0.4	1.09	1.2	0.04	1.31	1.1	0.04	5.4	6.0	1.0	0.06	17.0	0.03	0.01	47.0	0.02	0.0		0.2	0.0		1.2	10.2	0
13		88.chn	4A6	6.5	44	OO	7E+05	2E+06	20.4	0.6	0.4	1.26	1.0	0.04	1.49	1.0	0.04	2.5	12.4	0.9	0.07	15.0	0.03	0.00		0.02	0.0		0.2	0.0		1.2	10.8	0
13		89.chn	4A6	6.5	44	PP	7E+05	2E+06	16.7	0.7	0.4	1.02	1.2	0.04	1.15	1.2	0.04	2.0	15.4	0.9	0.09	13.0	0.03	0.00		0.02	0.0		0.2	0.0		1.2	8.8	15
13		92.chn	4A6	6.5	44	QQ	7E+05	2E+06	19.8	0.6	0.4	1.01	1.2	0.04	1.42	1.0	0.04	2.7	11.5	0.9	0.06	17.0	0.03	0.00		0.02	0.0		0.2	0.0		1.2	9.9	40
13		93.chn	4A6	6.5	44	RR	7E+05	2E+06	20.7	0.6	0.4	1.00	1.2	0.04	1.40	1.0	0.04	3.7	8.7	1.0	0.07	15.0	0.03	0.00		0.02	0.0		0.2	0.0		1.2	9.7	60
13		94.chn	4A6	6.5	44	SS	7E+05	2E+06	19.0	0.6	0.3	1.10	1.1	0.04	1.14	1.2	0.04	8.8	3.8	1.0	0.10	13.0	0.04	0.05	11.1	0.02	0.3	32.0	0.3	0.0		1.2	9.3	10
13		96.chn	4A6	6.5	44	TT	7E+05	2E+06	15.0	0.7	0.3	0.85	2.5	0.06	1.09	2.2	0.07	49.9	1.3	1.9	0.60	6.0	0.11	0.10	13.0	0.04	1.8	6.4	0.4	0.0		1.2	23.0	40
13		97.chn	4A6	6.5	44	UU	7E+05	2E+06	22.0	0.6	0.4	0.96	1.3	0.04	1.22	1.2	0.04	4.4	7.2	0.9	0.07	16.0	0.04	0.03	21.6	0.02	0.3	26.8	0.3	0.0		1.2	9.8	0
13		98.chn	4A6	6.5	44	VV	7E+05	2E+06	17.8	0.7	0.4	0.93	1.3	0.04	1.26	1.1	0.04	1.8	16.6	0.9	0.06	18.0	0.03	0.06	9.4	0.02	1.4	6.5	0.3	0.0		1.2	8.9	0
13		100.chn	4A6	6.5	44	WW	7E+05	2E+06	15.9	0.8	0.4	0.81	1.5	0.04	1.09	1.3	0.04	2.2	13.2	0.9	0.05	20.0	0.03	0.05	11.7	0.02	1.4	6.1	0.3	0.0		1.2	7.8	0
13		99.chn	4A6	6.5	44	WW	7E+05	2E+06	15.4	0.7	0.3	0.84	1.4	0.04	1.08	1.2	0.04	2.0	13.5	0.8	0.06	17.0	0.03	0.04	12.7	0.02	1.4	5.7	0.2	0.0		1.2	7.8	0
13		101.chn	4A6	6.5	44	XX	7E+05	2E+06	16.9	0.7	0.4	0.80	1.4	0.03	1.27	1.1	0.04	0.0		0.8	0.09	14.0	0.04	0.06	9.4	0.02	3.4	2.6	0.3	0.0		1.2	8.6	0
13	197	196.chn	6A6	6.5	44	9X	7E+05	2E+06	15.5	0.3	0.1	0.93	0.6	0.02	1.12	0.6	0.02	3.3	6.2	0.6	0.11	5.8	0.02	0.05	6.2	0.01	127.0	0.1	0.4	2.2	6.2	0.4	9.4	40
13	197	197.chn	6A6	6.5	44	9Y	7E+05	2E+06	18.2	0.3	0.2	1.09	0.6	0.02	1.33	0.5	0.02	3.4	6.2	0.6	0.09	6.3	0.02	0.03	10.3	0.01	79.6	0.1	0.2	1.8	7.9	0.4	9.9	5
13	117.2	198.chn	6A6	6.5	44	9Z	7E+05	2E+06	21.2	0.3	0.2	1.21	0.5	0.02	1.76	0.4	0.02	2.3	9.5	0.6	0.07	6.9	0.02	0.02	16.7	0.01	14.6	0.4	0.2	0.7	29.9	0.6	10.7	20

OU	IHSS Number	File Name	Detector Array	Detector Height (m)	FOV m	Station	North feet	East feet	K-40 pCi/g	% Error	MDA pCi/g	Ra-226 pCi/g	% Error	MDA pCi/g	Th-232 pCi/g	% Error	MDA pCi/g	U-238 pCi/g	% Error	MDA pCi/g	U-235 pCi/g	% Error	MDA pCi/g	Cs-137 pCi/g	% Error	MDA pCi/g	Am-241 pCi/g	% Error	MDA pCi/g	Pu-239 nCi/g	% Error	MDA nCi/g	Exposure uR/h	% FOV Blocked
13		207.chn	6A6	6.5	44	10E	8E+05	2E+06	11.5	0.4	0.1	0.70	0.7	0.01	0.93	0.6	0.02	1.7	10.1	0.5	0.06	7.5	0.01	0.02	10.1	0.01	2.2	1.8	0.1	0.0		0.4	5.9	30
13		210.chn	6A6	6.5	44	10F	7E+05	2E+06	34.1	0.3	0.3	1.52	0.7	0.03	2.42	0.5	0.04	10.4	4.1	1.3	1.18	1.6	0.06	0.64	1.0	0.02	468.0	0.0	0.2	27.2	1.1	0.9	70.6	0
13		213.chn	6A6	6.5	44	10G	7E+05	2E+06	20.9	0.3	0.2	0.87	0.7	0.02	1.46	0.5	0.02	5.4	4.1	0.7	0.09	7.0	0.02	0.01	35.0	0.01	5.2	1.0	0.2	1.0	15.2	0.4	9.6	10
13		214.chn	6A6	6.5	44	10H	7E+05	2E+06	21.2	0.3	0.2	0.88	0.7	0.02	1.55	0.5	0.02	4.9	5.6	0.8	0.20	4.5	0.03	0.08	4.2	0.01	452.0	0.0	0.2	8.9	1.9	0.5	15.5	10
13		215.chn	6A6	6.5	44	10I	8E+05	2E+06	18.9	0.3	0.2	0.76	0.8	0.02	1.24	0.5	0.02	1.5	13.4	0.6	0.08	7.5	0.17	0.00		0.01	0.0		0.1	0.0		0.4	8.0	30
14	161	158.chn	4A6	6.5	44	4G	7E+05	2E+06	16.2	0.4	0.2	0.74	0.8	0.02	1.04	0.6	0.02	1.7	8.3	0.4	0.06	9.0	0.02	0.05	6.1	0.01	7.1	0.7	0.1	0.0		0.0	7.7	15
14	161	159.chn	4A6	6.5	44	4H	7E+05	2E+06	16.5	0.3	0.1	0.64	0.9	0.02	1.11	0.6	0.02	1.7	8.0	0.4	0.05	10.0	0.02	0.02	12.1	0.01	11.8	0.4	0.1	1.3	10.5	0.4	7.9	0
14	161	164.chn	4A6	6.5	44	4K	7E+05	2E+06	14.6	0.4	0.2	0.78	0.7	0.02	0.86	0.7	0.02	2.3	5.8	0.4	0.06	8.0	0.02	0.03	8.9	0.01	8.5	0.6	0.2	1.8	6.8	0.4	7.2	50
14	160	163.chn	4A6	6.5	44	4J	7E+05	2E+06	20.2	0.3	0.2	1.09	0.6	0.02	1.25	0.5	0.02	2.0	6.9	0.4	0.05	8.0	0.01	0.02	12.4	0.01	1.5	2.7	0.1	0.0		0.0	9.4	0
14	160	162.chn	4A6	6.5	44	4I	7E+05	2E+06	20.1	0.3	0.2	1.01	0.6	0.02	1.17	0.6	0.02	2.1	6.8	0.4	0.05	8.0	0.01	0.03	9.5	0.01	12.4	0.4	0.1	0.5	36.0	0.5	9.1	25
14	162	140.chn	4A6	6.5	44	3U	7E+05	2E+06	20.1	0.3	0.2	1.14	0.6	0.02	1.86	0.4	0.02	3.1	4.8	0.5	0.08	7.0	0.02	0.01	35.0	0.01	0.0		0.0	0.0		0.0	11.0	50
14	162	141.chn	4A6	6.5	44	3V	7E+05	2E+06	16.3	0.3	0.1	1.09	0.6	0.02	0.92	0.7	0.02	4.9	3.0	0.4	0.05	8.0	0.01	0.00		0.00	1.3	3.3	0.1	0.0		0.0	8.3	60
14	162	143.chn	4A6	6.5	44	3X	7E+05	2E+06	18.3	0.3	0.2	0.88	0.7	0.02	0.95	0.7	0.02	6.7	2.2	0.4	0.10	6.0	0.02	0.00		0.00	0.0		0.0	0.0		0.0	8.3	60
14	162	17.chn	6A6	6.5	44	6M	7E+05	2E+06	10.6	0.4	0.1	0.72	0.7	0.02	0.84	0.7	0.02	2.6	5.4	0.4	0.16	4.8	0.02	0.03	7.5	0.01	28.2	0.3	0.3	8.0	1.7	0.4	6.5	60
14	162	18.chn	6A6	6.5	44	6N	7E+05	2E+06	24.3	0.3	0.2	1.26	0.6	0.02	2.02	0.4	0.02	4.8	5.5	0.8	0.14	6.3	0.03	0.12	3.1	0.01	1070.0	0.0	0.0	45.9	0.5	0.7	26.3	5
14	162	142.chn	4A6	6.5	44	3W	7E+05	2E+06	19.6	0.3	0.2	1.01	0.6	0.02	0.97	0.7	0.02	5.6	2.7	0.5	0.06	8.0	0.01	0.01	48.0	0.01	0.0		0.0	0.0		0.0	8.8	60
14	162	24.chn	6A6	6.5	44	6R	8E+05	2E+06	18.9	0.3	0.2	0.99	0.7	0.02	1.59	0.5	0.02	2.3	7.6	0.5	0.08	9.1	0.02	0.05	7.3	0.01	0.7	5.9	0.1	5.7	3.4	0.6	10.9	10
14	162	27.chn	6A6	6.5	44	6S	8E+05	2E+06	16.0	0.3	0.1	0.82	0.7	0.02	1.45	0.5	0.02	2.3	5.8	0.4	0.07	7.7	0.02	0.01	21.9	0.01	1.7	2.1	0.1	1.4	9.8	0.4	8.1	50
14	162	28.chn	6A6	6.5	44	6T	8E+05	2E+06	17.0	0.3	0.2	0.88	0.7	0.02	1.33	0.5	0.02	2.4	5.5	0.4	0.06	7.9	0.01	0.01	21.3	0.01	0.0		0.0	0.0		0.0	8.2	20
14	162	22.chn	6A6	6.5	44	6P	8E+05	2E+06	19.5	0.3	0.2	0.87	0.7	0.02	1.42	0.5	0.02	2.2	7.1	0.5	0.08	7.8	0.02	0.02	18.2	0.01	8.6	0.6	0.2	7.2	2.2	0.5	9.6	30
14	162	19.chn	6A6	6.5	44	6O	7E+05	2E+06	19.9	0.3	0.2	1.06	0.6	0.02	1.63	0.5	0.02	2.6	6.1	0.5	0.07	8.0	0.02	0.03	12.0	0.01	91.5	0.1	0.3	5.0	3.2	0.5	11.2	5
14	162	144.chn	4A6	6.5	44	3Y	7E+05	2E+06	18.0	0.3	0.2	0.87	0.7	0.02	1.03	0.6	0.02	8.3	1.9	0.5	0.10	7.0	0.02	0.02	16.4	0.01	0.0		0.0	0.0		0.0	8.8	50
14	162	23.chn	6A6	6.5	44	6Q	8E+05	2E+06	19.1	0.3	0.2	0.95	0.7	0.02	1.68	0.4	0.02	2.8	5.2	0.4	0.09	6.9	0.02	0.01	23.7	0.01	0.4	10.7	0.1	1.5	9.6	0.4	9.6	30
14	164.3	112.chn	4A6	6.5	44	3G	7E+05	2E+06	18.9	0.3	0.2	0.76	1.0	0.02	1.22	0.7	0.03	21.9	0.9	0.6	0.34	3.0	0.03	0.04	10.8	0.01	0.3	16.1	0.1	0.0		0.0	13.0	0
14	131	29.chn	6A6	6.5	44	6U	8E+05	2E+06	12.8	0.4	0.2	0.73	0.7	0.02	0.79	0.7	0.02	1.6	7.7	0.4	0.05	8.9	0.01	0.01	28.5	0.01	0.9	3.8	0.1	0.0		0.0	6.2	25
14	164.3	127.chn	4A6	6.5	44	3L	7E+05	2E+06	16.3	0.3	0.1	0.81	0.9	0.02	1.09	0.8	0.03	26.0	0.8	0.6	0.31	4.0	0.04	0.05	9.1	0.01	0.0		0.0	0.0		0.0	12.7	0
14	164.3	113.chn	4A6	6.5	44	3H	7E+05	2E+06	18.4	0.3	0.2	0.92	0.9	0.02	1.20	3.0	0.11	29.3	0.8	0.7	0.44	3.0	0.04	0.02	29.6	0.01	0.0		0.0	0.0		0.0	15.5	0
14	164.2	137.chn	4A6	6.5	44	3T	7E+05	2E+06	19.3	0.3	0.2	1.05	0.6	0.02	1.35	0.5	0.02	4.5	3.4	0.5	1.74	1.0	0.05	0.02	13.6	0.01	0.0		0.0	0.0		0.0	9.8	0
14	164.2	136.chn	4A6	6.5	44	3S	7E+05	2E+06	20.9	0.3	0.2	1.14	0.6	0.02	1.39	0.5	0.02	4.8	3.3	0.5	0.06	8.0	0.01	0.02	18.3	0.01	0.0		0.0	0.0		0.0	10.1	50
14	164.2	135.chn	4A6	6.5	44	3R	7E+05	2E+06	18.5	0.3	0.2	1.16	0.6	0.02	1.68	0.4	0.02	3.7	4.1	0.5	0.05	8.0	0.01	0.03	11.0	0.01	0.0		0.0	0.0		0.0	10.4	60
14	164.2	134.chn	4A6	6.5	44	3Q	7E+05	2E+06	15.2	0.3	0.1	1.15	0.5	0.02	1.26	0.5	0.02	2.2	6.4	0.4	0.07	7.0	0.01	0.05	5.3	0.01	0.1	27.7	0.1	0.0		0.0	8.5	50
14	164.2	133.chn	4A6	6.5	44	3P	7E+05	2E+06	10.8	0.4	0.1	0.96	0.6	0.02	0.93	0.6	0.02	1.9	6.9	0.4	0.04	9.0	0.01	0.07	3.9	0.01	0.0		0.0	0.0		0.0	6.6	75
14	161	96.chn	6A6	6.5	44	664E	7E+05	2E+06	24.2	0.5	0.4	0.82	1.7	0.04	1.25	1.3	0.05	16.5	2.4	1.2	0.12	13.9	0.05	0.00		0.00	30.5	0.5	0.5	4.4	8.5	1.1	11.6	40
14	161	99.chn	6A6	6.5	44	664H	7E+05	2E+06	13.8	0.6	0.2	0.62	1.4	0.03	0.54	1.5	0.02	1.7	12.3	0.6	0.03	14.9	0.01	0.00		0.00	19.7	0.5	0.3	3.5	5.9	0.6	6.1	35
BKG		12.chn	5A6	6.5	44	5W	8E+05	2E+06	6.8	0.5	0.1	0.92	0.6	0.02	1.04	0.6	0.02	1.8	6.3	0.3	0.06	6.4	0.01	0.84	0.5	0.01	0.0		0.0	0.0		0.0	6.1	0
BKG		13.chn	5A6	6.5	44	5X	8E+05	2E+06	12.4	0.4	0.1	1.13	0.5	0.02	1.25	0.5	0.02	2.3	5.8	0.4	0.10	5.5	0.02	0.78	0.6	0.01	0.0		0.0	0.0		0.0	8.3	0
BKG		4.chn	5A6	6.5	44	5S	8E+05	2E+06	8.2	0.5	0.1	0.68	0.7	0.01	1.02	0.6	0.02	1.8	6.0	0.3	0.08	6.2	0.01	0.78	0.6	0.01	0.0		0.0	0.0		0.0	6.0	0
BKG		16.chn	5A6	6.5	44	5Y	7E+05	2E+06	5.2	0.6	0.1	0.79	0.6	0.01	1.04	0.5	0.02	1.9	5.5	0.3	0.07	6.5	0.01	0.64	0.6	0.01	0.1	33.0	0.1	0.0		0.0	5.5	0
BKG		22.chn	5A6	6.5	44	5Y	7E+05	2E+06	5.3	0.6	0.1	0.74	0.7	0.02	1.06	0.5	0.02	1.8	5.7	0.3	0.07	6.1	0.01	0.65	0.6	0.01	0.0		0.0	0.0		0.0	5.5	0
BKG		21.chn	5A6	6.5	44	6B	7E+05	2E+06	5.1	0.6	0.1	0.72	0.7	0.02	1.11	0.5	0.02	2.0	5.2	0.3	0.08	5.8	0.01	0.56	0.7	0.01	0.0		0.0	0.0		0.0	5.5	0
BKG		17.chn	5A6	6.5	44	5Z	7E+05	2E+06	6.2	0.5	0.1	0.80	0.6	0.01	0.88	0.6	0.02	1.7	6.4	0.3	0.05	7.8	0.01	0.63	0.7	0.01	0.1	42.0	0.1	0.0		0.0	5.4	0
BKG		23.chn	5A6	6.5	44	5Z	7E+05	2E+06	6.2	0.6	0.1	0.70	0.7	0.01	0.90	0.6	0.02	1.6	6.8	0.3	0.06	7.2	0.01	0.63	0.6	0.01	0.0		0.0	0.0		0.0	5.2	0
BKG		9.chn	5A6	6.5	44	5V	8E+05	2E+06	11.5	0.4	0.1	0.67	0.8	0.02	0.90	0.6	0.02	1.9	6.2	0.4	0.08	6.8	0.02	0.35	1.0	0.01	0.0		0.0	0.0		0.0	6.1	0
BKG		18.chn	5A6	6.5	44	6A	8E+05	2E+06	9.5	0.4	0.1	0.87	0.6	0.02	1.00	0.6	0.02	1.8	6.4	0.3	0.07	6.3	0.01	0.65	0.6	0.01	0.0		0.0	0.0		0.0	6.4	0
BKG		8.chn	5A6	6.5	44	5U	7E+05	2E+06	12.3	0.4	0.1	0.88	0.6	0.02	1.25	0.5	0.02	1.9	6.9	0.4	0.10	5.9	0.02	0.21	1.5	0.01	0.0		0.0	0.0		0.0	7.6	0
BKG		3.chn	5A6	6.5	44	5R	8E+05	2E+06	11.6	0.4	0.1	0.75	0.7	0.02	1.08	0.6	0.02	2.0	6.1	0.4	0.08	6.6	0.02	0.35	1.0	0.01	0.0		0.0	0.0		0.0	6.8	0
BKG		7.chn	5A6	6.5	44	5T	7E+05	2E+06	12.8	0.4	0.2	0.93	0.6	0.02	1.21	0.5	0.02	2.3	5.8	0.4	0.10	5.7	0.02	0.36	1.0	0.01	0.0		0.0	0.0		0.0	7.8	0
CnY		388.chn	4A6	6.5	44	5P	7E+05	2E+06	10.0	0.4	0.1	0.75	0.7	0.02	0.77	0.7	0.02	1.7	6.7	0.3	0.05	8.2	0.01	0.07	3.7	0.01	0.0		0.0	0.0		0.0	5.7	0
CnY		389.chn	4A6	6.5	44	5Q	7E+05	2E+06	9.8	0.4	0.1	0.93	0.6	0.02	0.72	0.8	0.02	1.5	8.2	0.4	0.05	7.9	0.01	0.01	15.2	0.01	0.0		0.0	0.0		0.0	5.9	0

OU	IHSS Number	File Name	Detector Array	Detector Height (m)	FOV m	Station	North feet	East feet	K-40 pCi/g	% Error	MDA pCi/g	Ra-226 pCi/g	% Error	MDA pCi/g	Th-232 pCi/g	% Error	MDA pCi/g	U-238 pCi/g	% Error	MDA pCi/g	U-235 pCi/g	% Error	MDA pCi/g	Cs-137 pCi/g	% Error	MDA pCi/g	Am-241 pCi/g	% Error	MDA pCi/g	Pu-239 nCi/g	% Error	MDA nCi/g	Exposure uR/h	% FOV Blocked
RFP		59.chn	6A6	6.5	44	7J	8E+05	2E+06	10.6	0.4	0.1	0.78	0.7	0.02	0.96	0.6	0.02	1.8	9.4	0.5	0.09	6.1	0.02	0.07	3.6	0.01	0.0		0.0	0.0		0.0	6.0	0
RFP		60.chn	6A6	6.5	44	7K	8E+05	2E+06	11.1	0.4	0.1	0.87	0.6	0.02	1.17	0.5	0.02	2.0	8.9	0.5	0.09	5.9	0.02	0.52	0.8	0.01	0.0		0.0	0.0		0.0	7.2	0
RFP		61.chn	6A6	6.5	44	7L	8E+05	2E+06	10.6	0.4	0.1	0.90	0.6	0.02	1.20	0.5	0.02	1.8	9.8	0.5	0.07	6.8	0.01	0.31	1.1	0.01	0.0		0.0	0.0		0.0	7.1	0
RFP		103.chn	6A6	1	10	8D	8E+05	2E+06	5.3	1.1	0.2	0.57	1.4	0.02	0.65	1.2	0.02	1.2	18.0	0.7	0.06	9.8	0.02	0.69	1.1	0.02	0.0		0.0	0.0		0.0	4.4	0
RFP		117.chn	6A6	6.5	44	8K	8E+05	2E+06	11.3	0.4	0.1	1.02	0.6	0.02	1.45	0.5	0.02	1.7	10.5	0.5	0.11	5.5	0.02	0.67	0.7	0.01	0.3	13.7	0.1	0.0		0.0	8.2	0
RFP		118.chn	6A6	6.5	44	8L	8E+05	2E+06	10.7	0.4	0.1	0.92	0.6	0.02	1.30	0.5	0.02	1.8	9.8	0.5	0.11	5.4	0.02	0.65	0.7	0.01	0.3	12.8	0.1	0.0		0.0	7.4	0
RFP		119.chn	6A6	6.5	44	8M	8E+05	2E+06	12.0	0.4	0.1	0.95	0.6	0.02	1.41	0.5	0.02	1.6	11.2	0.5	0.10	5.9	0.02	0.57	0.7	0.01	0.3	13.4	0.1	0.0		0.0	8.0	0
RFP		120.chn	6A6	6.5	44	8N	8E+05	2E+06	11.7	0.4	0.1	0.84	0.7	0.02	1.20	0.5	0.02	1.6	11.0	0.5	0.08	6.5	0.02	0.72	0.6	0.01	0.2	16.3	0.1	0.0		0.0	7.3	0
RFP		123.chn	6A6	6.5	44	8O	8E+05	2E+06	10.9	0.4	0.1	1.00	0.6	0.02	1.18	0.5	0.02	1.9	9.5	0.5	0.09	5.9	0.02	0.69	0.6	0.01	0.3	14.2	0.1	0.0		0.0	7.4	0
RFP		124.chn	6A6	6.5	44	8P	8E+05	2E+06	10.1	0.4	0.1	1.00	0.6	0.02	1.05	0.6	0.02	1.8	9.5	0.5	0.09	5.8	0.02	0.48	0.8	0.01	0.1	27.9	0.1	0.0		0.0	6.7	0
RFP		125.chn	6A6	6.5	44	8Q	8E+05	2E+06	8.4	0.5	0.1	0.96	0.6	0.02	0.96	0.6	0.02	1.9	6.3	0.4	0.08	5.9	0.01	0.69	0.6	0.01	0.3	14.1	0.1	0.0		0.0	6.2	0
RFP		126.chn	6A6	6.5	44	8R	8E+05	2E+06	11.2	0.4	0.1	1.07	0.6	0.02	1.30	0.5	0.02	2.1	6.2	0.4	0.08	6.0	0.02	0.78	0.6	0.01	0.2	16.1	0.1	0.0		0.0	7.9	0
RFP		129.chn	6A6	6.5	44	8S	8E+05	2E+06	11.8	0.4	0.1	1.10	0.6	0.02	1.37	0.5	0.02	1.5	12.2	0.6	0.09	6.0	0.02	0.75	0.6	0.01	0.3	12.2	0.1	0.0		0.0	8.4	0
RFP		130.chn	6A6	6.5	44	8T	8E+05	2E+06	10.2	0.4	0.1	1.14	0.5	0.02	1.19	0.5	0.02	1.5	11.7	0.5	0.09	5.6	0.02	0.56	0.7	0.01	0.0		0.0	0.0		0.0	7.4	0
RFP		131.chn	6A6	6.5	44	8U	8E+05	2E+06	11.3	0.4	0.1	1.17	0.5	0.02	1.31	0.5	0.02	2.0	9.1	0.5	0.11	5.1	0.02	0.61	0.7	0.01	0.1	32.7	0.1	0.0		0.0	8.1	0
RFP		132.chn	6A6	6.5	44	8V	8E+05	2E+06	10.5	0.4	0.1	1.07	0.5	0.02	1.13	0.6	0.02	1.6	11.2	0.5	0.08	6.2	0.01	0.61	0.7	0.01	0.2	20.7	0.1	0.0		0.0	7.4	0
RFP		135.chn	6A6	6.5	44	8W	7E+05	2E+06	11.2	0.4	0.1	1.00	0.6	0.02	1.48	0.5	0.02	1.5	11.8	0.5	0.09	6.0	0.02	0.57	0.7	0.01	0.3	11.7	0.1	0.0		0.0	7.9	0
RFP		136.chn	6A6	6.5	44	8X	7E+05	2E+06	12.4	0.4	0.1	1.08	0.6	0.02	1.60	0.4	0.02	1.6	11.5	0.6	0.08	6.3	0.02	0.74	0.6	0.01	0.5	8.8	0.1	0.0		0.0	8.8	0
RFP		137.chn	6A6	6.5	44	8Y	7E+05	2E+06	10.6	0.4	0.1	1.02	0.6	0.02	1.47	0.5	0.02	1.8	10.0	0.5	0.07	7.0	0.01	0.76	0.6	0.01	0.5	7.8	0.1	0.0		0.0	8.2	0
RFP		138.chn	6A6	6.5	44	8Z	7E+05	2E+06	9.2	0.4	0.1	0.92	0.6	0.02	1.37	0.5	0.02	2.2	5.7	0.4	0.07	7.0	0.01	0.75	0.6	0.01	0.3	11.9	0.1	0.0		0.0	7.4	0
RFP		141.chn	6A6	6.5	44	9A	7E+05	2E+06	11.1	0.4	0.1	1.18	0.5	0.02	1.55	0.5	0.02	1.5	12.7	0.6	0.09	5.9	0.02	0.82	0.6	0.01	0.4	10.1	0.1	0.0		0.0	8.6	0
RFP		142.chn	6A6	6.5	44	9B	7E+05	2E+06	9.7	0.4	0.1	1.21	0.5	0.02	1.40	0.5	0.02	1.6	10.9	0.5	0.09	5.7	0.01	0.77	0.6	0.01	0.3	12.2	0.1	0.0		0.0	8.0	0
RFP		143.chn	6A6	6.5	44	9C	7E+05	2E+06	10.8	0.4	0.1	1.26	0.5	0.02	1.54	0.5	0.02	1.8	10.2	0.6	0.08	6.1	0.01	0.71	0.7	0.01	0.3	14.0	0.1	0.0		0.0	8.7	0
1A		165.chn	6A6	6.5	44	9M	8E+05	2E+06	16.8	0.3	0.2	0.95	0.6	0.02	1.21	0.5	0.02	2.6	7.4	0.6	0.07	7.3	0.01	0.02	12.8	0.01	0.2	17.8	0.1	0.0		0.0	8.0	10
1A		166.chn	6A6	6.5	44	9N	8E+05	2E+06	17.4	0.3	0.2	0.94	0.6	0.02	1.23	0.5	0.02	1.9	10.3	0.6	0.06	7.4	0.01	0.02	13.7	0.01	0.3	14.2	0.1	0.0		0.0	8.3	0
1A		169.chn	6A6	6.5	44	9O	8E+05	2E+06	15.0	0.3	0.1	0.84	0.7	0.02	1.17	0.5	0.02	1.8	10.3	0.6	0.07	6.9	0.02	0.06	5.0	0.01	1.2	3.1	0.1	0.0		0.0	7.5	20
1A		170.chn	6A6	6.5	44	9P	8E+05	2E+06	14.2	0.3	0.1	0.79	0.7	0.02	1.11	0.6	0.02	1.8	10.0	0.5	0.07	7.3	0.02	0.08	3.6	0.01	1.5	2.4	0.1	0.0		0.0	7.1	20
1A		171.chn	6A6	6.5	44	9Q	8E+05	2E+06	14.3	0.3	0.1	0.78	0.7	0.02	1.11	0.6	0.02	1.9	9.6	0.5	0.07	7.0	0.02	0.08	3.5	0.01	1.5	2.5	0.1	0.0		0.0	7.0	20
1A		174.chn	6A6	6.5	44	9R	7E+05	2E+06	21.0	0.3	0.2	1.06	0.6	0.02	1.72	0.4	0.02	1.8	11.7	0.6	0.07	7.3	0.02	0.01	23.0	0.01	1.6	2.6	0.1	0.5	41.0	0.6	10.2	20
1A		175.chn	6A6	6.5	44	9S	7E+05	2E+06	18.7	0.3	0.2	1.11	0.6	0.02	1.16	0.6	0.02	2.0	9.7	0.6	0.06	7.4	0.01	0.03	9.3	0.01	0.2	19.9	0.1	0.0		0.0	8.4	10
1A		178.chn	6A6	6.5	44	9T	7E+05	2E+06	18.1	0.3	0.2	0.88	0.7	0.02	1.16	0.6	0.02	2.1	6.5	0.4	0.06	7.9	0.01	0.06	4.7	0.01	0.0		0.0	0.0		0.0	8.2	10
1A		179.chn	6A6	6.5	44	9U	7E+05	2E+06	14.4	0.3	0.1	0.79	0.7	0.02	1.00	0.6	0.02	1.6	11.4	0.5	0.08	6.8	0.02	0.06	4.9	0.01	0.0		0.0	0.0		0.0	6.9	10
1A		180.chn	6A6	6.5	44	9V	7E+05	2E+06	16.7	0.3	0.2	0.82	0.7	0.02	1.24	0.5	0.02	1.8	10.5	0.6	0.09	6.7	0.02	0.07	3.9	0.01	0.0		0.0	0.0		0.0	7.9	5
1A		181.chn	6A6	6.5	44	9W	7E+05	2E+06	13.6	0.4	0.2	0.75	0.7	0.02	1.11	0.6	0.02	1.7	10.5	0.5	0.07	7.4	0.02	0.09	3.0	0.01	0.0		0.0	0.0		0.0	6.9	0

Am-241 = americium-241 Cs-137 = cesium-137 FOV = field of view K-40 = potassium-40 m = meter MDA = maximum detectable activity pCi/g = picocuries per gram

Pu-239 = plutonium-239 Ra-226 = radium-226 Th-232 = thorium-232 U-235 = uranium-235 U-238 = uranium-238 μR/h = micro Roentgens per hour