CONTENTS

APPENDIXES

470562

APPENDIX A

STATIC GAMMA RADIATION MEASUREMENTS FOR MARSSIM CLASS 1 AND CLASS 2 SURVEY UNITS

470562

Final Status Soil Sampling Tracking Form

5 OT-10 TRAINING SITE

1 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	412591.44	1459906.50
NE	412755.49	1459906.50
SW	412591.44	1459775.27
SE	412755.49	1459775.27

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS5-SS-21-0000	412593.00	1459834.00		10/3/2003	ET/CW	NA	12318
	TS5-SS-22-0000	412618.00	1459784.00		10/1/2003	MG	NA	14429
	TS5-SS-23-0000	412668.00	1459784.00		10/1/2003	MG	NA	15738
	TS5-SS-24-0000	412718.00	1459784.00		10/1/2003	MG	NA	17616
	TS5-SS-25-0000	412743.00	1459834.00		10/1/2003	MG	NA	14546
	TS5-SS-26-0000	412693.00	1459834.00		10/1/2003	MG	NA	14623
	TS5-SS-27-0000	412643.00	1459834.00		10/1/2003	MG	NA	16800
	TS5-SS-28-0000	412618.00	1459884.00		10/3/2003	CW	NA	13298
	TS5-SS-29-0000	412668.00	1459884.00		10/3/2003	ET/CW	NA	13371
	TS5-SS-30-0000	412718.00	1459884.00		10/3/2003	MG	NA	13459

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site. The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

5 OT-10 TRAINING SITE

2 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	412755.49	1459906.50
NE	412919.53	1459906.50
SW	412755.49	1459775.27
SE	412919.53	1459775.27

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS5-SS-31-0000	412835.00	1459797.00		10/1/2003	MG	NA	14797
	TS5-SS-32-0000	412885.00	1459797.00		10/1/2003	MG	NA	14977
	TS5-SS-33-0000	412910.00	1459847.00		10/1/2003	MG	NA	15504
	TS5-SS-34-0000	412860.00	1459847.00		10/1/2003	MG	NA	14766
	TS5-SS-35-0000	412810.00	1459847.00		10/1/2003	MG	NA	15625
	TS5-SS-36-0000	412760.00	1459847.00		10/1/2003	MG	NA	14236
	TS5-SS-37-0000	412785.00	1459897.00		10/3/2003	MG	NA	13820
	TS5-SS-38-0000	412835.00	1459897.00		10/1/2003	MG	NA	14462
	TS5-SS-39-0000	412885.00	1459897.00		10/1/2003	MG	NA	13506
	TS5-SS-40-0000	412785.00	1459797.00		10/1/2003	MG	NA	14264

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

5 OT-10 TRAINING SITE

3 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	412919.53	1459906.50
NE	413083.57	1459906.50
SW	412919.53	1459775.27
SE	413083.57	1459775.27

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS5-SS-41-0000	412979.00	1459894.00		10/3/2003	MG	NA	14228
	TS5-SS-42-0000	413029.00	1459894.00		10/3/2003	MG	NA	14294
	TS5-SS-43-0000	413079.00	1459894.00		10/3/2003	MG	NA	13174
	TS5-SS-44-0000	413054.00	1459844.00		10/3/2003	MG	NA	14670
	TS5-SS-45-0000	413004.00	1459844.00		10/1/2003	ET/CW	NA	14185
	TS5-SS-46-0000	412954.00	1459844.00		10/1/2003	ET/CW	NA	14225
	TS5-SS-47-0000	412954.00	1459794.00		10/1/2003	ET/CW	NA	15477
	TS5-SS-48-0000	413004.00	1459794.00		10/1/2003	ET/CW	NA	16262
	TS5-SS-49-0000	413054.00	1459794.00		10/1/2003	ET/CW	NA	15374
	TS5-SS-50-0000	412929.00	1459894.00		10/3/2003	MG	NA	14037

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site. The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

5 OT-10 TRAINING SITE

4 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	412535.95	1459775.27
NE	412699.99	1459775.27
SW	412535.95	1459644.04
SE	412699.99	1459644.04

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS5-SS-51-0000	412595.00	1459761.00		10/1/2003	MG	NA	15974
	TS5-SS-52-0000	412645.00	1459761.00		10/1/2003	MG	NA	17267
	TS5-SS-53-0000	412695.00	1459761.00		10/1/2003	MG	NA	16288
	TS5-SS-54-0000	412670.00	1459711.00		10/2/2003	MG	NA	14588
	TS5-SS-55-0000	412620.00	1459711.00		10/2/2003	MG	NA	15029
	TS5-SS-56-0000	412570.00	1459711.00		10/2/2003	MG	NA	16705
	TS5-SS-57-0000	412570.00	1459661.00		10/2/2003	MG	NA	16495
	TS5-SS-58-0000	412620.00	1459661.00		10/2/2003	MG	NA	14758
	TS5-SS-59-0000	412670.00	1459661.00		10/2/2003	MG	NA	15126
	TS5-SS-60-0000	412545.00	1459761.00		10/3/2003	ET/CW	NA	15092

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

5 OT-10 TRAINING SITE

5 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	412699.99	1459775.27
NE	412864.03	1459775.27
SW	412699.99	1459644.04
SE	412864.03	1459644.04

Samples to ERG Lab?	
X	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g) Gross Conc.	One-Minute Static Count (cpm)
	TS5-SS-61-0000	412855.00	1459708.00		10/2/2003	MG	0.99	16409
	TS5-SS-62-0000	412830.00	1459658.00		10/2/2003	MG	2.70	16349
	TS5-SS-63-0000	412780.00	1459658.00		10/2/2003	MG	2.17	18526
	TS5-SS-64-0000	412730.00	1459658.00		10/2/2003	MG	1.21	15709
	TS5-SS-65-0000	412705.00	1459708.00		10/2/2003	MG	1.23	16746
	TS5-SS-66-0000	412755.00	1459708.00		10/2/2003	MG	0.96	14147
	TS5-SS-67-0000	412805.00	1459708.00		10/2/2003	MG	0.79	15854
	TS5-SS-68-0000	412830.00	1459758.00		10/1/2003	MG	1.19	15420
	TS5-SS-69-0000	412780.00	1459758.00		10/1/2003	MG	0.92	15478
	TS5-SS-70-0000	412730.00	1459758.00		10/1/2003	MG	0.89	16014

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

5 OT-10 TRAINING SITE

6 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	412864.03	1459775.27
NE	413028.07	1459775.27
SW	412864.03	1459644.04
SE	413028.07	1459644.04

Samples to ERG Lab?	
X	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g) Gross Conc.	One-Minute Static Count (cpm)
	TS5-SS-71-0000	412918.00	1459650.00		10/1/2003	ET/CW	1.09	14529
	TS5-SS-72-0000	412968.00	1459650.00		10/1/2003	ET/CW	1.33	16396
	TS5-SS-73-0000	413018.00	1459650.00		10/1/2003	ET/CW	1.03	14466
	TS5-SS-74-0000	412993.00	1459700.00		10/1/2003	ET/CW	0.99	13743
	TS5-SS-75-0000	412943.00	1459700.00		10/1/2003	ET/CW	1.27	16255
	TS5-SS-76-0000	412893.00	1459700.00		10/1/2003	ET/CW	1.93	15729
	TS5-SS-77-0000	412893.00	1459750.00		10/1/2003	ET/CW	0.85	14292
	TS5-SS-78-0000	412943.00	1459750.00		10/1/2003	ET/CW	1.14	15174
	TS5-SS-79-0000	412993.00	1459750.00		10/1/2003	ET/CW	1.03	15981
	TS5-SS-80-0000	412868.00	1459650.00		10/1/2003	ET/CW	1.49	14827

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site. The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

5 OT-10 TRAINING SITE

7 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	413028.07	1459775.27
NE	413192.12	1459775.27
SW	413028.07	1459644.04
SE	413192.12	1459644.04

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS5-SS-81-0000	413041.00	1459762.00		10/1/2003	ET/CW	NA	15235
	TS5-SS-82-0000	413091.00	1459762.00		10/1/2003	ET/CW	NA	14516
	TS5-SS-83-0000	413141.00	1459762.00		10/1/2003	ET/CW	NA	13737
	TS5-SS-84-0000	413191.00	1459762.00		10/3/2003	MG	NA	13529
	TS5-SS-85-0000	413166.00	1459712.00		10/1/2003	ET/CW	NA	13460
	TS5-SS-86-0000	413116.00	1459712.00		10/1/2003	ET/CW	NA	13920
	TS5-SS-87-0000	413066.00	1459712.00		10/1/2003	ET/CW	NA	14754
	TS5-SS-88-0000	413066.00	1459662.00		10/1/2003	ET/CW	NA	17270
	TS5-SS-89-0000	413116.00	1459662.00		10/1/2003	ET/CW	NA	14392
	TS5-SS-90-0000	413166.00	1459662.00		10/3/2003	MG	NA	15131

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site. The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

5 OT-10 TRAINING SITE

8 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	412535.95	1459644.04
NE	412699.99	1459644.04
SW	412535.95	1459512.80
SE	412699.99	1459512.80

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS5-SS-91-0000	412591.00	1459578.00		10/2/2003	MG	NA	17095
	TS5-SS-92-0000	412641.00	1459578.00		10/2/2003	MG	NA	17554
	TS5-SS-93-0000	412691.00	1459578.00		10/2/2003	MG	NA	15074
	TS5-SS-94-0000	412666.00	1459528.00		10/2/2003	MG	NA	17940
	TS5-SS-95-0000	412616.00	1459528.00		10/2/2003	MG	NA	15699
	TS5-SS-96-0000	412566.00	1459528.00		10/2/2003	MG	NA	15203
	TS5-SS-97-0000	412541.00	1459578.00		10/2/2003	MG	NA	15967
	TS5-SS-98-0000	412566.00	1459628.00		10/2/2003	MG	NA	18175
	TS5-SS-99-0000	412616.00	1459628.00		10/2/2003	MG	NA	14242
	TS5-SS-100-0000	412666.00	1459628.00		10/2/2003	MG	NA	14384

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site. The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

5 OT-10 TRAINING SITE

9 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	412699.99	1459644.04
NE	412864.03	1459644.04
SW	412699.99	1459512.80
SE	412864.03	1459512.80

Samples to ERG Lab?	
X	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g) Gross Conc.	One-Minute Static Count (cpm)
	TS5-SS-101-0000	412806.00	1459633.00		10/2/2003	MG	1.05	16272
	TS5-SS-102-0000	412756.00	1459633.00		10/2/2003	MG	1.00	16434
	TS5-SS-103-0000	412706.00	1459633.00		10/2/2003	MG	1.29	16705
	TS5-SS-104-0000	412731.00	1459583.00		10/2/2003	MG	0.83	16548
	TS5-SS-105-0000	412781.00	1459583.00		10/2/2003	MG	0.99	15409
	TS5-SS-106-0000	412831.00	1459583.00		10/2/2003	MG	1.17	14502
	TS5-SS-107-0000	412831.00	1459533.00		10/2/2003	MG	0.77	16029
	TS5-SS-108-0000	412781.00	1459533.00		10/2/2003	MG	2.30	17703
	TS5-SS-109-0000	412731.00	1459533.00		10/2/2003	MG	0.61	14477
	TS5-SS-110-0000	412856.00	1459633.00		10/2/2003	MG	0.90	15779

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

5 OT-10 TRAINING SITE

10 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	412864.03	1459644.04
NE	413028.07	1459644.04
SW	412864.03	1459512.80
SE	413028.07	1459512.80

Samples to ERG Lab?	
X	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g) Gross Conc.	One-Minute Static Count (cpm)
	TS5-SS-111-0000	412919.00	1459531.00		10/2/2003	ET/CW	1.07	15089
	TS5-SS-112-0000	412969.00	1459531.00		10/2/2003	ET/CW	1.00	15895
	TS5-SS-113-0000	413019.00	1459531.00		10/2/2003	ET/CW	0.69	13064
	TS5-SS-114-0000	412994.00	1459581.00		10/2/2003	ET/CW	0.84	13743
	TS5-SS-115-0000	412944.00	1459581.00		10/2/2003	ET/CW	2.08	15805
	TS5-SS-116-0000	412894.00	1459581.00		10/2/2003	ET/CW	1.15	14198
	TS5-SS-117-0000	412894.00	1459631.00		10/2/2003	ET/CW	3.29	17325
	TS5-SS-118-0000	412944.00	1459631.00		10/2/2003	ET/CW	1.15	14520
	TS5-SS-119-0000	412994.00	1459631.00		10/2/2003	ET/CW	1.26	16168
	TS5-SS-120-0000	412869.00	1459531.00		10/2/2003	ET/CW	1.24	16711

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site. The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

5 OT-10 TRAINING SITE

11 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	413028.07	1459644.04
NE	413192.12	1459644.04
SW	413028.07	1459512.80
SE	413192.12	1459512.80

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS5-SS-121-0000	413035.00	1459623.00		10/2/2003	ET/CW	NA	15264
	TS5-SS-122-0000	413085.00	1459623.00		10/2/2003	ET/CW	NA	14239
	TS5-SS-123-0000	413135.00	1459623.00		10/2/2003	ET/CW	NA	15241
	TS5-SS-124-0000	413185.00	1459623.00		10/3/2003	MG	NA	13635
	TS5-SS-125-0000	413160.00	1459573.00		10/2/2003	ET/CW	NA	17461
	TS5-SS-126-0000	413110.00	1459573.00		10/2/2003	ET/CW	NA	16542
	TS5-SS-127-0000	413060.00	1459573.00		10/2/2003	ET/CW	NA	14956
	TS5-SS-128-0000	413060.00	1459523.00		10/2/2003	ET/CW	NA	14045
	TS5-SS-129-0000	413110.00	1459523.00		10/2/2003	ET/CW	NA	16192
	TS5-SS-130-0000	413160.00	1459523.00		10/2/2003	ET/CW	NA	14282

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

5 OT-10 TRAINING SITE

12 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	412535.95	1459512.80
NE	412699.99	1459512.80
SW	412535.95	1459381.57
SE	412699.99	1459381.57

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS5-SS-131-0000	412592.00	1459494.00		10/2/2003	MG	NA	15423
	TS5-SS-132-0000	412542.00	1459494.00		10/2/2003	MG	NA	13003
	TS5-SS-133-0000	412567.00	1459444.00		10/2/2003	MG	NA	14549
	TS5-SS-134-0000	412567.00	1459394.00		10/3/2003	CW/ET	NA	13187
	TS5-SS-135-0000	412617.00	1459394.00		10/3/2003	CW/ET	NA	13078
	TS5-SS-136-0000	412667.00	1459394.00		10/2/2003	MG	NA	14332
	TS5-SS-137-0000	412667.00	1459444.00		10/2/2003	MG	NA	16195
	TS5-SS-138-0000	412617.00	1459444.00		10/2/2003	MG	NA	14927
	TS5-SS-139-0000	412642.00	1459494.00		10/2/2003	MG	NA	16047
	TS5-SS-140-0000	412692.00	1459494.00		10/2/2003	MG	NA	17114

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site. The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

5 OT-10 TRAINING SITE

13 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	412699.99	1459512.80
NE	412864.03	1459512.80
SW	412699.99	1459381.57
SE	412864.03	1459381.57

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS5-SS-141-0000	412834.00	1459500.00		10/2/2003	MG	NA	15081
	TS5-SS-142-0000	412784.00	1459500.00		10/2/2003	MG	NA	14215
	TS5-SS-143-0000	412734.00	1459500.00		10/2/2003	MG	NA	14396
	TS5-SS-144-0000	412709.00	1459450.00		10/2/2003	MG	NA	15900
	TS5-SS-145-0000	412759.00	1459450.00		10/2/2003	MG	NA	16447
	TS5-SS-146-0000	412809.00	1459450.00		10/2/2003	MG	NA	14202
	TS5-SS-147-0000	412859.00	1459450.00		10/2/2003	MG	NA	14631
	TS5-SS-148-0000	412834.00	1459400.00		10/2/2003	MG	NA	16126
	TS5-SS-149-0000	412784.00	1459400.00		10/2/2003	MG	NA	17789
	TS5-SS-150-0000	412734.00	1459400.00		10/2/2003	MG	NA	16209

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site. The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

5 OT-10 TRAINING SITE

14 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	412864.03	1459512.80
NE	413028.07	1459512.80
SW	412864.03	1459381.57
SE	413028.07	1459381.57

Samples to ERG Lab?	
X	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g) Gross Conc.	One-Minute Static Count (cpm)
	TS5-SS-151-0000	412901.00	1459392.00		10/2/2003	ET/CW	1.36	17390
	TS5-SS-152-0000	412951.00	1459392.00		10/2/2003	ET/CW	0.81	14479
	TS5-SS-153-0000	413001.00	1459392.00		10/2/2003	ET/CW	0.95	13604
	TS5-SS-154-0000	413026.00	1459442.00		10/2/2003	ET/CW	0.84	15848
	TS5-SS-155-0000	412976.00	1459442.00		10/2/2003	ET/CW	1.48	16402
	TS5-SS-156-0000	412926.00	1459442.00		10/2/2003	ET/CW	0.88	14321
	TS5-SS-157-0000	412876.00	1459442.00		10/2/2003	ET/CW	0.75	14686
	TS5-SS-158-0000	412901.00	1459492.00		10/2/2003	ET/CW	1.00	17205
	TS5-SS-159-0000	412951.00	1459492.00		10/2/2003	ET/CW	1.17	14833
	TS5-SS-160-0000	413001.00	1459492.00		10/2/2003	ET/CW	0.55	12756

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site. The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

5 OT-10 TRAINING SITE

15 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	413028.07	1459512.80
NE	413192.12	1459512.80
SW	413028.07	1459381.57
SE	413192.12	1459381.57

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS5-SS-161-0000	413106.00	1459402.00		10/2/2003	ET/CW	NA	13793
	TS5-SS-162-0000	413156.00	1459402.00		10/2/2003	ET/CW	NA	12584
	TS5-SS-163-0000	413181.00	1459452.00		10/2/2003	ET/CW	NA	14344
	TS5-SS-164-0000	413131.00	1459452.00		10/2/2003	ET/CW	NA	15536
	TS5-SS-165-0000	413081.00	1459452.00		10/2/2003	ET/CW	NA	13614
	TS5-SS-166-0000	413031.00	1459452.00		10/2/2003	ET/CW	NA	16131
	TS5-SS-167-0000	413056.00	1459502.00		10/2/2003	ET/CW	NA	14458
	TS5-SS-168-0000	413106.00	1459502.00		10/2/2003	ET/CW	NA	14405
	TS5-SS-169-0000	413156.00	1459502.00		10/2/2003	ET/CW	NA	14013
	TS5-SS-170-0000	413056.00	1459402.00		10/6/2003	ET/CW	NA	13316

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

5 OT-10 TRAINING SITE

16 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	412699.99	1459381.57
NE	412864.03	1459381.57
SW	412699.99	1459250.34
SE	412864.03	1459250.34

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS5-SS-171-0000	412736.00	1459273.00		10/3/2003	ET/CW	NA	12257
	TS5-SS-172-0000	412786.00	1459273.00		10/3/2003	ET/CW	NA	12495
	TS5-SS-173-0000	412836.00	1459273.00		10/3/2003	ET/CW	NA	12583
	TS5-SS-174-0000	412861.00	1459323.00		10/2/2003	ET/CW	NA	14677
	TS5-SS-175-0000	412811.00	1459323.00		10/2/2003	ET/CW	NA	13111
	TS5-SS-176-0000	412761.00	1459323.00		10/3/2003	ET/CW	NA	12466
	TS5-SS-177-0000	412711.00	1459323.00		10/3/2003	ET/CW	NA	12483
	TS5-SS-178-0000	412736.00	1459373.00		10/2/2003	MG	NA	13689
	TS5-SS-179-0000	412786.00	1459373.00		10/2/2003	ET/CW	NA	13629
	TS5-SS-180-0000	412836.00	1459373.00		10/2/2003	ET/CW	NA	15002

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site. The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

5 OT-10 TRAINING SITE

17 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	412864.03	1459381.57
NE	413028.07	1459381.57
SW	412864.03	1459250.34
SE	413028.07	1459250.34

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS5-SS-181-0000	412972.00	1459268.00		10/6/2003	ET/CW	NA	12823
	TS5-SS-182-0000	412922.00	1459268.00		10/2/2003	ET/CW	NA	13277
	TS5-SS-183-0000	412872.00	1459268.00		10/6/2003	ET/CW	NA	13174
	TS5-SS-184-0000	412897.00	1459318.00		10/2/2003	ET/CW	NA	14949
	TS5-SS-185-0000	412947.00	1459318.00		10/2/2003	ET/CW	NA	14406
	TS5-SS-186-0000	412997.00	1459318.00		10/6/2003	ET/CW	NA	13129
	TS5-SS-187-0000	412997.00	1459368.00		10/2/2003	ET/CW	NA	13439
	TS5-SS-188-0000	412947.00	1459368.00		10/2/2003	ET/CW	NA	14177
	TS5-SS-189-0000	412897.00	1459368.00		10/2/2003	ET/CW	NA	16233
	TS5-SS-190-0000	413022.00	1459268.00		10/6/2003	ET/CW	NA	12624

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

5 OT-10 TRAINING SITE

18 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	413028.07	1459381.57
NE	413192.12	1459381.57
SW	413028.07	1459250.34
SE	413192.12	1459250.34

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS5-SS-191-0000	413034.00	1459271.00		10/6/2003	ET/CW	NA	12822
	TS5-SS-192-0000	413084.00	1459271.00		10/6/2003	ET/CW	NA	13191
	TS5-SS-193-0000	413134.00	1459271.00		10/6/2003	ET/CW	NA	13166
	TS5-SS-194-0000	413184.00	1459271.00		10/6/2003	ET/CW	NA	12610
	TS5-SS-195-0000	413159.00	1459321.00		10/6/2003	ET/CW	NA	12939
	TS5-SS-196-0000	413109.00	1459321.00		10/6/2003	ET/CW	NA	12791
	TS5-SS-197-0000	413059.00	1459321.00		10/6/2003	ET/CW	NA	12588
	TS5-SS-198-0000	413059.00	1459371.00		10/6/2003	ET/CW	NA	13287
	TS5-SS-199-0000	413109.00	1459371.00		10/6/2003	ET/CW	NA	13237
	TS5-SS-200-0000	413159.00	1459371.00		10/6/2003	ET/CW	NA	12986

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

5 OT-10 TRAINING SITE

19 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	413325.81	1459953.52
NE	413489.85	1459953.52
SW	413325.81	1459822.29
SE	413489.85	1459822.29

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS5-SS-201-0000	413408.00	1459939.00		10/6/2003	MG	NA	13399
	TS5-SS-202-0000	413458.00	1459939.00		10/6/2003	IR/CW	NA	14600
	TS5-SS-203-0000	413483.00	1459889.00		10/6/2003	ET/CW	NA	13959
	TS5-SS-204-0000	413433.00	1459889.00		10/6/2003	ET/CW	NA	14550
	TS5-SS-205-0000	413383.00	1459889.00		10/6/2003	ET/CW	NA	14323
	TS5-SS-206-0000	413333.00	1459889.00		10/6/2003	ET/CW	NA	14197
	TS5-SS-207-0000	413358.00	1459839.00		10/6/2003	ET/CW	NA	13823
	TS5-SS-208-0000	413408.00	1459839.00		10/6/2003	ET/CW	NA	13572
	TS5-SS-209-0000	413458.00	1459839.00		10/6/2003	ET/CW	NA	13412
	TS5-SS-210-0000	413358.00	1459939.00		10/6/2003	MG	NA	13198

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

5 OT-10 TRAINING SITE

multi MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
	NA	NA
	NA	NA
	NA	NA
	NA	NA

Samples to ERG Lab?	
X	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g) Net Conc.	One-Minute Static Count (cpm)
	TS5-SS-211-0000	412650.34	1459645.18		10/6/2003	ET/CW	1.76	18413
	TS5-SS-212-0000	412684.77	1459530.87		10/6/2003	ET/CW	0.93	17639
	TS5-SS-213-0000	412847.79	1459628.66		10/6/2003	ET/CW	0.86	16267
	TS5-SS-214-0000	413068.64	1459574.21		10/6/2003	ET/CW	1.3	16534
	TS5-SS-215-0000	413126.09	1459548.62		10/6/2003	ET/CW	0.92	16260

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site. The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

6 OT-10 TRAINING SITE

1 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	413662.60	1460533.46
NE	413826.64	1460533.46
SW	413662.60	1460402.22
SE	413826.64	1460402.22

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS6-SS-373-0000	413765.00	1460523.00		9/29/2003	MG	NA	13260
	TS6-SS-374-0000	413715.00	1460523.00		9/29/2003	MG	NA	13911
	TS6-SS-375-0000	413665.00	1460523.00		9/29/2003	MG	NA	12431
	TS6-SS-376-0000	413690.00	1460473.00		9/29/2003	MG	NA	13655
	TS6-SS-377-0000	413740.00	1460473.00		9/29/2003	MG	NA	14582
	TS6-SS-378-0000	413790.00	1460473.00		9/29/2003	MG	NA	15579
	TS6-SS-379-0000	413790.00	1460423.00		9/29/2003	MG	NA	15595
	TS6-SS-380-0000	413740.00	1460423.00		9/29/2003	MG	NA	14084
	TS6-SS-381-0000	413690.00	1460423.00		9/29/2003	MG	NA	15765
	TS6-SS-382-0000	413815.00	1460523.00		10/3/2003	MG	NA	13554

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

6 OT-10 TRAINING SITE

2 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	413826.64	1460533.46
NE	413990.68	1460533.46
SW	413826.64	1460402.22
SE	413990.68	1460402.22

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS6-SS-383-0000	413834.00	1460419.00		9/29/2003	MG	NA	13858
	TS6-SS-384-0000	413884.00	1460419.00		9/29/2003	MG	NA	14641
	TS6-SS-385-0000	413934.00	1460419.00		9/29/2003	ET/CW	NA	13389
	TS6-SS-386-0000	413984.00	1460419.00		9/29/2003	ET/CW	NA	14117
	TS6-SS-387-0000	413959.00	1460469.00		9/29/2003	ET/CW	NA	15351
	TS6-SS-388-0000	413909.00	1460469.00		9/29/2003	ET/CW	NA	14153
	TS6-SS-389-0000	413859.00	1460469.00		9/29/2003	MG	NA	15015
	TS6-SS-390-0000	413859.00	1460519.00		10/3/2003	MG	NA	13999
	TS6-SS-391-0000	413909.00	1460519.00		10/3/2003	MG	NA	14110
	TS6-SS-392-0000	413959.00	1460519.00		10/3/2003	MG	NA	11877

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

6 OT-10 TRAINING SITE

3 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	413990.68	1460533.46
NE	414154.72	1460533.46
SW	413990.68	1460402.22
SE	414154.72	1460402.22

Samples to ERG Lab?	
X	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g) Gross Conc.	One-Minute Static Count (cpm)
	TS6-SS-393-0000	414145.00	1460513.00		10/3/2003	MG	0.68	11508
	TS6-SS-394-0000	414095.00	1460513.00		10/3/2003	MG	0.65	10521
	TS6-SS-395-0000	414045.00	1460513.00		10/3/2003	MG	0.76	10855
	TS6-SS-396-0000	413995.00	1460513.00		10/3/2003	MG	0.59	11388
	TS6-SS-397-0000	414020.00	1460463.00		9/29/2003	ET/CW	1.63	17705
	TS6-SS-398-0000	414070.00	1460463.00		9/29/2003	ET/CW	0.90	13218
	TS6-SS-399-0000	414120.00	1460463.00		9/29/2003	ET/CW	0.58	11835
	TS6-SS-400-0000	414120.00	1460413.00		9/29/2003	ET/CW	4.22	19345
	TS6-SS-401-0000	414070.00	1460413.00		9/29/2003	ET/CW	0.70	15170
	TS6-SS-402-0000	414020.00	1460413.00		9/29/2003	ET/CW	0.64	14484

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

6 OT-10 TRAINING SITE

4 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	414154.72	1460533.46
NE	414318.77	1460533.46
SW	414154.72	1460402.22
SE	414318.77	1460402.22

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS6-SS-53-0000	414239.00	1460429.82		10/6/2003	MG	NA	11885
	TS6-SS-54-0000	414275.09	1460429.82		10/6/2003	MG	NA	11161
	TS6-SS-55-0000	414257.04	1460465.91		10/6/2003	MG	NA	10080
	TS6-SS-56-0000	414220.95	1460465.91		10/3/2002	MG	NA	10779
	TS6-SS-57-0000	414184.86	1460465.91		10/6/2003	MG	NA	11364
	TS6-SS-58-0000	414184.86	1460502.00		10/3/2002	MG	NA	10965
	TS6-SS-59-0000	414220.95	1460502.00		10/3/2002	MG	NA	10439
	TS6-SS-60-0000	414293.13	1460502.00		10/6/2003	ET/CW	NA	11372
	TS6-SS-61-0000	414166.82	1460429.82		10/6/2003	MG	NA	14388
	TS6-SS-62-0000	414202.91	1460429.82		10/6/2003	MG	NA	12122

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

6 OT-10 TRAINING SITE

5 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	413662.60	1460402.22
NE	413826.64	1460402.22
SW	413662.60	1460270.99
SE	413826.64	1460270.99

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS6-SS-63-0000	413672.00	1460294.00		9/25/2003	MG	NA	12465
	TS6-SS-64-0000	413722.00	1460294.00		9/25/2003	MG	NA	12534
	TS6-SS-65-0000	413772.00	1460294.00		9/25/2003	MG	NA	12862
	TS6-SS-66-0000	413822.00	1460294.00		9/25/2003	MG	NA	12830
	TS6-SS-67-0000	413797.00	1460344.00		9/25/2003	MG	NA	13089
	TS6-SS-68-0000	413747.00	1460344.00		9/25/2003	MG	NA	13032
	TS6-SS-69-0000	413697.00	1460344.00		9/25/2003	MG	NA	12449
	TS6-SS-70-0000	413697.00	1460394.00		9/25/2003	MG	NA	13547
	TS6-SS-71-0000	413747.00	1460394.00		9/25/2003	MG	NA	14836
	TS6-SS-72-0000	413797.00	1460394.00		9/25/2003	MG	NA	13884

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

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6 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	413826.64	1460402.22
NE	413990.68	1460402.22
SW	413826.64	1460270.99
SE	413990.68	1460270.99

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS6-SS-73-0000	413835.00	1460330.00		9/25/2003	MG	NA	13254
	TS6-SS-74-0000	413885.00	1460330.00		9/25/2003	MG	NA	13622
	TS6-SS-75-0000	413935.00	1460330.00		9/25/2003	MG	NA	13282
	TS6-SS-76-0000	413985.00	1460330.00		9/25/2003	MG	NA	13010
	TS6-SS-77-0000	413960.00	1460280.00		9/25/2003	MG	NA	12172
	TS6-SS-78-0000	413910.00	1460280.00		9/25/2003	MG	NA	12581
	TS6-SS-79-0000	413860.00	1460280.00		9/25/2003	MG	NA	12594
	TS6-SS-80-0000	413860.00	1460380.00		9/25/2003	MG	NA	14641
	TS6-SS-81-0000	413910.00	1460380.00		9/25/2003	MG	NA	14578
	TS6-SS-82-0000	413960.00	1460380.00		9/25/2003	MG	NA	13827

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

6 OT-10 TRAINING SITE

7 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	413990.68	1460402.22
NE	414154.72	1460402.22
SW	413990.68	1460270.99
SE	414154.72	1460270.99

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS6-SS-83-0000	414073.00	1460286.00		9/25/2003	MG	NA	11668
	TS6-SS-84-0000	414123.00	1460286.00		9/25/2003	MG	NA	12604
	TS6-SS-85-0000	414148.00	1460336.00		9/25/2003	MG	NA	11719
	TS6-SS-86-0000	414098.00	1460336.00		9/25/2003	MG	NA	15860
	TS6-SS-87-0000	414048.00	1460336.00		9/25/2003	MG	NA	15832
	TS6-SS-88-0000	413998.00	1460336.00		9/25/2003	MG	NA	13935
	TS6-SS-89-0000	414023.00	1460386.00		9/25/2003	MG	NA	12505
	TS6-SS-90-0000	414073.00	1460386.00		9/25/2003	MG	NA	14986
	TS6-SS-91-0000	414123.00	1460386.00		9/25/2003	MG	NA	14366
	TS6-SS-92-0000	414023.00	1460286.00		9/25/2003	MG	NA	11480

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site. The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

6 OT-10 TRAINING SITE

8 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	414154.72	1460402.22
NE	414318.77	1460402.22
SW	414154.72	1460270.99
SE	414318.77	1460270.99

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS6-SS-93-0000	414165.00	1460372.00		9/25/2003	ET/CW	NA	12517
	TS6-SS-94-0000	414215.00	1460372.00		9/25/2003	ET/CW	NA	15190
	TS6-SS-95-0000	414265.00	1460372.00		9/25/2003	ET/CW	NA	12535
	TS6-SS-96-0000	414315.00	1460372.00		9/25/2003	ET/CW	NA	12195
	TS6-SS-97-0000	414290.00	1460322.00		9/25/2003	ET/CW	NA	14889
	TS6-SS-98-0000	414240.00	1460322.00		9/25/2003	ET/CW	NA	14359
	TS6-SS-99-0000	414190.00	1460322.00		9/25/2003	ET/CW	NA	12780
	TS6-SS-100-0000	414190.00	1460272.00		9/25/2003	ET/CW	NA	12683
	TS6-SS-101-0000	414240.00	1460272.00		9/25/2003	ET/CW	NA	12300
	TS6-SS-102-0000	414290.00	1460272.00		9/25/2003	ET/CW	NA	14238

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site. The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

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6 OT-10 TRAINING SITE

9 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	414318.77	1460402.22
NE	414482.81	1460402.22
SW	414318.77	1460270.99
SE	414482.81	1460270.99

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS6-SS-103-0000	414475.00	1460389.00		10/6/2003	ET/CW	NA	11401
	TS6-SS-104-0000	414475.00	1460339.00		10/6/2003	ET/CW	NA	11588
	TS6-SS-105-0000	414425.00	1460339.00		10/6/2003	MG	NA	10995
	TS6-SS-106-0000	414375.00	1460339.00		10/6/2003	MG	NA	11965
	TS6-SS-107-0000	414325.00	1460339.00		10/6/2003	MG	NA	12342
	TS6-SS-108-0000	414325.00	1460289.00		10/6/2003	MG	NA	12675
	TS6-SS-109-0000	414375.00	1460289.00		10/6/2003	MG	NA	12546
	TS6-SS-110-0000	414425.00	1460289.00		10/6/2003	MG	NA	13103
	TS6-SS-111-0000	414475.00	1460289.00		10/6/2003	MG	NA	11153
	TS6-SS-112-0000	414325.00	1460389.00		10/6/2003	MG	NA	11292

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

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6 OT-10 TRAINING SITE

10 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	414035.99	1460270.99
NE	414200.03	1460270.99
SW	414035.99	1460139.75
SE	414200.03	1460139.75

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS6-SS-113-0000	414172.00	1460154.00		9/25/2003	MG	NA	15685
	TS6-SS-114-0000	414122.00	1460154.00		9/25/2003	MG	NA	12908
	TS6-SS-115-0000	414072.00	1460154.00		9/25/2003	MG	NA	11974
	TS6-SS-116-0000	414047.00	1460204.00		9/25/2003	MG	NA	13080
	TS6-SS-117-0000	414097.00	1460204.00		9/25/2003	MG	NA	12492
	TS6-SS-118-0000	414147.00	1460204.00		9/25/2003	MG	NA	13766
	TS6-SS-119-0000	414197.00	1460204.00		9/25/2003	MG	NA	12797
	TS6-SS-120-0000	414172.00	1460254.00		9/25/2003	MG	NA	12927
	TS6-SS-121-0000	414122.00	1460254.00		9/25/2003	MG	NA	13829
	TS6-SS-122-0000	414072.00	1460254.00		9/25/2003	MG	NA	11188

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

6 OT-10 TRAINING SITE

11 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	414200.03	1460270.99
NE	414364.07	1460270.99
SW	414200.03	1460139.75
SE	414364.07	1460139.75

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS6-SS-123-0000	414328.00	1460249.00		9/25/2003	ET/CW	NA	12883
	TS6-SS-124-0000	414278.00	1460249.00		9/25/2003	ET/CW	NA	12109
	TS6-SS-125-0000	414228.00	1460249.00		9/25/2003	ET/CW	NA	12674
	TS6-SS-126-0000	414203.00	1460199.00		9/25/2003	ET/CW	NA	13520
	TS6-SS-127-0000	414253.00	1460199.00		9/25/2003	ET/CW	NA	13130
	TS6-SS-128-0000	414303.00	1460199.00		9/25/2003	ET/CW	NA	13070
	TS6-SS-129-0000	414353.00	1460199.00		9/25/2003	ET/CW	NA	13914
	TS6-SS-130-0000	414328.00	1460149.00		9/25/2003	ET/CW	NA	13661
	TS6-SS-131-0000	414278.00	1460149.00		9/25/2003	ET/CW	NA	13965
	TS6-SS-132-0000	414228.00	1460149.00		9/25/2003	ET/CW	NA	15650
	TS6-SS-125-0000	RESAMPLE			10/10/2003	MG/CW	NA	12059
	TS6-SS-128-0000	RESAMPLE			10/10/2003	MG/CW	NA	12874

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

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12 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	414364.07	1460270.99
NE	414528.12	1460270.99
SW	414364.07	1460139.75
SE	414528.12	1460139.75

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS6-SS-133-0000	414420.00	1460211.00		9/30/2003	MG	NA	12741
	TS6-SS-134-0000	414470.00	1460211.00		10/3/2003	ET/CW	NA	11604
	TS6-SS-135-0000	414520.00	1460211.00		10/3/2003	ET/CW	NA	11229
	TS6-SS-136-0000	414495.00	1460161.00		10/3/2003	ET/CW	NA	12334
	TS6-SS-137-0000	414445.00	1460161.00		9/30/2003	MG	NA	13727
	TS6-SS-138-0000	414395.00	1460161.00		9/30/2003	MG	NA	12712
	TS6-SS-139-0000	414370.00	1460211.00		9/30/2003	MG	NA	14462
	TS6-SS-140-0000	414395.00	1460261.00		9/30/2003	MG	NA	12841
	TS6-SS-141-0000	414445.00	1460261.00		9/30/2003	MG	NA	14697
	TS6-SS-142-0000	414495.00	1460261.00		10/3/2003	ET/CW	NA	10930

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

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13 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	413886.56	1460139.75
NE	414050.61	1460139.75
SW	413886.56	1460008.52
SE	414050.61	1460008.52

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS6-SS-143-0000	413916.00	1460030.00		9/25/2003	ET/CW	NA	13561
	TS6-SS-144-0000	413966.00	1460030.00		9/25/2003	ET/CW	NA	13326
	TS6-SS-145-0000	414016.00	1460030.00		9/25/2003	ET/CW	NA	13583
	TS6-SS-146-0000	414041.00	1460080.00		9/25/2003	ET/CW	NA	12868
	TS6-SS-147-0000	413991.00	1460080.00		9/25/2003	ET/CW	NA	12469
	TS6-SS-148-0000	413941.00	1460080.00		9/25/2003	ET/CW	NA	12767
	TS6-SS-149-0000	413891.00	1460080.00		9/25/2003	ET/CW	NA	12804
	TS6-SS-150-0000	413916.00	1460130.00		9/25/2003	ET/CW	NA	12842
	TS6-SS-151-0000	413966.00	1460130.00		9/25/2003	ET/CW	NA	12715
	TS6-SS-152-0000	414016.00	1460130.00		9/25/2003	ET/CW	NA	12007

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site. The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

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6 OT-10 TRAINING SITE

14 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	414050.61	1460139.75
NE	414214.65	1460139.75
SW	414050.61	1460008.52
SE	414214.65	1460008.52

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS6-SS-153-0000	414136.00	1460065.00		9/25/2003	ET/CW	NA	15671
	TS6-SS-154-0000	414086.00	1460065.00		9/25/2003	ET/CW	NA	13943
	TS6-SS-155-0000	414086.00	1460115.00		9/25/2003	ET/CW	NA	13693
	TS6-SS-156-0000	414136.00	1460115.00		9/25/2003	ET/CW	NA	16573
	TS6-SS-157-0000	414186.00	1460115.00		9/25/2003	ET/CW	NA	16605
	TS6-SS-158-0000	414186.00	1460065.00		9/25/2003	ET/CW	NA	15466
	TS6-SS-159-0000	414211.00	1460015.00		9/25/2003	ET/CW	NA	14852
	TS6-SS-160-0000	414161.00	1460015.00		9/25/2003	ET/CW	NA	16843
	TS6-SS-161-0000	414111.00	1460015.00		9/25/2003	ET/CW	NA	15402
	TS6-SS-162-0000	414061.00	1460015.00		9/25/2003	ET/CW	NA	14752

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

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6 OT-10 TRAINING SITE

15 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	414214.65	1460139.75
NE	414378.69	1460139.75
SW	414214.65	1460008.52
SE	414378.69	1460008.52

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS6-SS-163-0000	414269.00	1460083.00		9/26/2003	MG	NA	15545
	TS6-SS-164-0000	414219.00	1460083.00		9/26/2003	MG	NA	17216
	TS6-SS-165-0000	414244.00	1460033.00		9/26/2003	MG	NA	16568
	TS6-SS-166-0000	414294.00	1460033.00		9/26/2003	MG	NA	14147
	TS6-SS-167-0000	414344.00	1460033.00		9/26/2003	MG	NA	13745
	TS6-SS-168-0000	414319.00	1460083.00		9/26/2003	MG	NA	14058
	TS6-SS-169-0000	414369.00	1460083.00		9/26/2003	MG	NA	13420
	TS6-SS-170-0000	414344.00	1460133.00		9/26/2003	MG	NA	15121
	TS6-SS-171-0000	414294.00	1460133.00		9/26/2003	MG	NA	13391
	TS6-SS-172-0000	414244.00	1460133.00		9/26/2003	MG	NA	13282

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site. The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

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6 OT-10 TRAINING SITE

16 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	414378.69	1460139.75
NE	414542.73	1460139.75
SW	414378.69	1460008.52
SE	414542.73	1460008.52

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS6-SS-173-0000	414385.00	1460063.00		9/30/2003	ET/CW	NA	13956
	TS6-SS-174-0000	414435.00	1460063.00		9/30/2003	ET/CW	NA	16251
	TS6-SS-175-0000	414485.00	1460063.00		9/30/2003	ET/CW	NA	13598
	TS6-SS-176-0000	414535.00	1460063.00		9/30/2003	ET/CW	NA	14070
	TS6-SS-177-0000	414510.00	1460013.00		9/30/2003	ET/CW	NA	13224
	TS6-SS-178-0000	414460.00	1460013.00		9/30/2003	ET/CW	NA	17075
	TS6-SS-179-0000	414410.00	1460013.00		9/30/2003	ET/CW	NA	15366
	TS6-SS-180-0000	414410.00	1460113.00		9/30/2003	ET/CW	NA	16225
	TS6-SS-181-0000	414460.00	1460113.00		9/30/2003	ET/CW	NA	13996
	TS6-SS-182-0000	414510.00	1460113.00		9/30/2003	ET/CW	NA	12620

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

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6 OT-10 TRAINING SITE

17 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	413886.56	1460008.52
NE	414050.61	1460008.52
SW	413886.56	1459877.29
SE	414050.61	1459877.29

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS6-SS-183-0000	413941.00	1459941.00		9/26/2003	ET/CW	NA	14408
	TS6-SS-184-0000	413891.00	1459941.00		9/26/2003	ET/CW	NA	13394
	TS6-SS-185-0000	413916.00	1459991.00		9/26/2003	ET/CW	NA	13935
	TS6-SS-186-0000	413966.00	1459991.00		9/26/2003	ET/CW	NA	16229
	TS6-SS-187-0000	414016.00	1459991.00		9/26/2003	ET/CW	NA	15451
	TS6-SS-188-0000	414041.00	1459941.00		9/26/2003	ET/CW	NA	13872
	TS6-SS-189-0000	413991.00	1459941.00		9/26/2003	ET/CW	NA	14310
	TS6-SS-190-0000	414016.00	1459891.00		9/26/2003	ET/CW	NA	14474
	TS6-SS-191-0000	413966.00	1459891.00		9/26/2003	ET/CW	NA	14304
	TS6-SS-192-0000	413916.00	1459891.00		9/26/2003	ET/CW	NA	14889

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site. The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

6 OT-10 TRAINING SITE

18 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	414050.61	1460008.52
NE	414214.65	1460008.52
SW	414050.61	1459877.29
SE	414214.65	1459877.29

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS6-SS-193-0000	414183.00	1459900.00		9/26/2003	ET/CW	NA	16081
	TS6-SS-194-0000	414133.00	1459900.00		9/26/2003	ET/CW	NA	16033
	TS6-SS-195-0000	414083.00	1459900.00		9/26/2003	MG	NA	14752
	TS6-SS-196-0000	414058.00	1459950.00		9/26/2003	ET/CW	NA	14713
	TS6-SS-197-0000	414108.00	1459950.00		9/26/2003	ET/CW	NA	14581
	TS6-SS-198-0000	414158.00	1459950.00		9/26/2003	ET/CW	NA	15661
	TS6-SS-199-0000	414208.00	1459950.00		9/26/2003	ET/CW	NA	15261
	TS6-SS-200-0000	414183.00	1460000.00		9/26/2003	ET/CW	NA	18517
	TS6-SS-201-0000	414133.00	1460000.00		9/26/2003	ET/CW	NA	17952
	TS6-SS-202-0000	414083.00	1460000.00		9/26/2003	ET/CW	NA	16773

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

6 OT-10 TRAINING SITE

19 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	414214.65	1460008.52
NE	414378.69	1460008.52
SW	414214.65	1459877.29
SE	414378.69	1459877.29

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g) Gross Conc.	One-Minute Static Count (cpm)
	TS6-SS-203-0000	414224.00	1459990.00		9/26/2003	ET/CW	1.25	16042
	TS6-SS-204-0000	414274.00	1459990.00		9/26/2003	ET/CW	0.90	17958
	TS6-SS-205-0000	414324.00	1459990.00		9/26/2003	ET/CW	0.89	14974
	TS6-SS-206-0000	414374.00	1459990.00		9/26/2003	ET/CW	0.83	14899
	TS6-SS-207-0000	414349.00	1459940.00		9/26/2003	ET/CW	1.11	16955
	TS6-SS-208-0000	414299.00	1459940.00		9/26/2003	ET/CW	0.81	15662
	TS6-SS-209-0000	414249.00	1459940.00		9/26/2003	ET/CW	1.13	17790
	TS6-SS-210-0000	414249.00	1459890.00		9/26/2003	ET/CW	1.85	16445
	TS6-SS-211-0000	414299.00	1459890.00		9/26/2003	ET/CW	0.89	15457
	TS6-SS-212-0000	414349.00	1459890.00		9/26/2003	ET/CW	1.08	15162

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site. The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

6 OT-10 TRAINING SITE

20 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	414378.69	1460008.52
NE	414542.73	1460008.52
SW	414378.69	1459877.29
SE	414542.73	1459877.29

Samples to ERG Lab?	
X	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g) Gross Conc.	One-Minute Static Count (cpm)
	TS6-SS-213-0000	414462.00	1459989.00		9/30/2003	ET/CW	1.19	17426
	TS6-SS-214-0000	414512.00	1459989.00		10/3/2003	ET/CW	0.77	13594
	TS6-SS-215-0000	414537.00	1459939.00		10/3/2003	ET/CW	0.60	12743
	TS6-SS-216-0000	414487.00	1459939.00		9/30/2003	MG	1.01	15176
	TS6-SS-217-0000	414437.00	1459939.00		9/30/2003	MG	1.01	14795
	TS6-SS-218-0000	414387.00	1459939.00		9/30/2003	MG	0.90	15073
	TS6-SS-219-0000	414412.00	1459889.00		9/30/2003	MG	1.35	17436
	TS6-SS-220-0000	414462.00	1459889.00		9/30/2003	MG	0.87	15185
	TS6-SS-221-0000	414512.00	1459889.00		9/30/2003	MG	1.16	15217
	TS6-SS-222-0000	414412.00	1459989.00		9/30/2003	ET/CW	2.35	18196

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

6 OT-10 TRAINING SITE

21 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	413908.04	1459877.29
NE	414072.08	1459877.29
SW	413908.04	1459746.06
SE	414072.08	1459746.06

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS6-SS-223-0000	413965.00	1459812.00		9/26/2003	MG	NA	12954
	TS6-SS-224-0000	414015.00	1459812.00		9/26/2003	MG	NA	13618
	TS6-SS-225-0000	414065.00	1459812.00		9/26/2003	MG	NA	14254
	TS6-SS-226-0000	414040.00	1459762.00		9/26/2003	MG	NA	13916
	TS6-SS-227-0000	413990.00	1459762.00		9/26/2003	MG	NA	13970
	TS6-SS-228-0000	413940.00	1459762.00		9/26/2003	MG	NA	14197
	TS6-SS-229-0000	413915.00	1459812.00		9/26/2003	MG	NA	13360
	TS6-SS-230-0000	413940.00	1459862.00		9/26/2003	MG	NA	13592
	TS6-SS-231-0000	413990.00	1459862.00		9/26/2003	MG	NA	13655
	TS6-SS-232-0000	414040.00	1459862.00		9/26/2003	MG	NA	13930

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site. The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

6 OT-10 TRAINING SITE

22 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	414072.08	1459877.29
NE	414236.12	1459877.29
SW	414072.08	1459746.06
SE	414236.12	1459746.06

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS6-SS-233-0000	414099.00	1459861.00		9/26/2003	MG	NA	17849
	TS6-SS-234-0000	414149.00	1459861.00		9/26/2003	MG	NA	15605
	TS6-SS-235-0000	414199.00	1459861.00		9/26/2003	MG	NA	14079
	TS6-SS-236-0000	414224.00	1459811.00		9/26/2003	MG	NA	14488
	TS6-SS-237-0000	414174.00	1459811.00		9/26/2003	MG	NA	15238
	TS6-SS-238-0000	414124.00	1459811.00		9/26/2003	MG	NA	14653
	TS6-SS-239-0000	414074.00	1459811.00		9/26/2003	MG	NA	14760
	TS6-SS-240-0000	414099.00	1459761.00		9/26/2003	MG	NA	13480
	TS6-SS-241-0000	414149.00	1459761.00		9/26/2003	MG	NA	12345
	TS6-SS-242-0000	414199.00	1459761.00		9/26/2003	MG	NA	14679

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site. The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

6 OT-10 TRAINING SITE

23 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	414236.12	1459877.29
NE	414400.16	1459877.29
SW	414236.12	1459746.06
SE	414400.16	1459746.06

Samples to ERG Lab?	
X	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g) Gross Conc.	One-Minute Static Count (cpm)
	TS6-SS-243-0000	414245.00	1459803.00		9/26/2003	MG	0.96	17347
	TS6-SS-244-0000	414295.00	1459803.00		9/26/2003	MG	0.72	14694
	TS6-SS-245-0000	414345.00	1459803.00		9/26/2003	MG	1.58	16540
	TS6-SS-246-0000	414395.00	1459803.00		9/26/2003	MG	1.07	16680
	TS6-SS-247-0000	414370.00	1459753.00		9/26/2003	MG	2.09	18446
	TS6-SS-248-0000	414320.00	1459753.00		9/26/2003	MG	1.17	15612
	TS6-SS-249-0000	414270.00	1459753.00		9/26/2003	MG	0.55	14292
	TS6-SS-250-0000	414270.00	1459853.00		9/26/2003	MG	0.88	16234
	TS6-SS-251-0000	414320.00	1459853.00		9/26/2003	MG	0.88	15920
	TS6-SS-252-0000	414370.00	1459853.00		9/26/2003	MG	0.75	14285

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

6 OT-10 TRAINING SITE

24 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	414400.16	1459877.29
NE	414564.21	1459877.29
SW	414400.16	1459746.06
SE	414564.21	1459746.06

Samples to ERG Lab?	
X	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g) Gross Conc.	One-Minute Static Count (cpm)
	TS6-SS-253-0000	414507.00	1459773.00		9/26/2003	ET/CW	0.85	15618
	TS6-SS-254-0000	414457.00	1459773.00		9/26/2003	ET/CW	1.17	17132
	TS6-SS-255-0000	414407.00	1459773.00		9/26/2003	ET/CW	0.79	15327
	TS6-SS-256-0000	414432.00	1459823.00		9/26/2003	ET/CW	1.00	17462
	TS6-SS-257-0000	414482.00	1459823.00		9/26/2003	ET/CW	1.27	16153
	TS6-SS-258-0000	414532.00	1459823.00		9/26/2003	ET/CW	0.80	16012
	TS6-SS-259-0000	414532.00	1459873.00		9/26/2003	ET/CW	0.63	14127
	TS6-SS-260-0000	414482.00	1459873.00		9/26/2003	ET/CW	0.73	15201
	TS6-SS-261-0000	414432.00	1459873.00		9/26/2003	ET/CW	1.13	17349
	TS6-SS-262-0000	414557.00	1459773.00		9/26/2003	ET/CW	1.53	18278

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

6 OT-10 TRAINING SITE

25 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	413961.13	1459746.06
NE	414125.17	1459746.06
SW	413961.13	1459614.82
SE	414125.17	1459614.82

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS6-SS-263-0000	413991.00	1459728.00		9/27/2003	MG	NA	13326
	TS6-SS-264-0000	414041.00	1459728.00		9/27/2003	MG	NA	15044
	TS6-SS-265-0000	414091.00	1459728.00		9/27/2003	ET/CW	NA	13115
	TS6-SS-266-0000	414116.00	1459678.00		9/27/2003	MG	NA	13197
	TS6-SS-267-0000	414066.00	1459678.00		9/27/2003	MG	NA	14643
	TS6-SS-268-0000	414016.00	1459678.00		10/10/2003	MG/CW	NA	14199
	TS6-SS-269-0000	413966.00	1459678.00		10/10/2003	MG/CW	NA	12561
	TS6-SS-270-0000	413991.00	1459628.00		9/29/2003	ET/CW	NA	14011
	TS6-SS-271-0000	414041.00	1459628.00		10/10/2003	MG/CW	NA	12634
	TS6-SS-272-0000	414091.00	1459628.00		9/27/2003	ET/CW	NA	12148

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

6 OT-10 TRAINING SITE

26 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	414125.17	1459746.06
NE	414289.22	1459746.06
SW	414125.17	1459614.82
SE	414289.22	1459614.82

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS6-SS-273-0000	414251.00	1459684.00		9/27/2003	ET/CW	NA	14594
	TS6-SS-274-0000	414201.00	1459684.00		9/27/2003	ET/CW	NA	14955
	TS6-SS-275-0000	414151.00	1459684.00		9/27/2003	ET/CW	NA	14643
	TS6-SS-276-0000	414151.00	1459734.00		9/27/2003	ET/CW	NA	12653
	TS6-SS-277-0000	414201.00	1459734.00		9/27/2003	ET/CW	NA	14449
	TS6-SS-278-0000	414251.00	1459734.00		9/27/2003	ET/CW	NA	16055
	TS6-SS-279-0000	414276.00	1459634.00		9/27/2003	ET/CW	NA	16285
	TS6-SS-280-0000	414226.00	1459634.00		9/27/2003	ET/CW	NA	15034
	TS6-SS-281-0000	414176.00	1459634.00		9/27/2003	ET/CW	NA	14711
	TS6-SS-282-0000	414126.00	1459634.00		9/27/2003	ET/CW	NA	12851

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site. The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

6 OT-10 TRAINING SITE

27 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	414289.22	1459746.06
NE	414453.26	1459746.06
SW	414289.22	1459614.82
SE	414453.26	1459614.82

Samples to ERG Lab?	
X	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g) Gross Conc.	One-Minute Static Count (cpm)
	TS6-SS-283-0000	414318.00	1459680.00		9/27/2003	ET/CW	0.80	16405
	TS6-SS-284-0000	414368.00	1459680.00		9/27/2003	ET/CW	2.02	18415
	TS6-SS-285-0000	414418.00	1459680.00		9/27/2003	ET/CW	0.89	14364
	TS6-SS-286-0000	414318.00	1459630.00		9/27/2003	ET/CW	0.93	15388
	TS6-SS-287-0000	414368.00	1459630.00		9/27/2003	ET/CW	1.92	15680
	TS6-SS-288-0000	414418.00	1459630.00		9/27/2003	ET/CW	0.91	15758
	TS6-SS-289-0000	414443.00	1459730.00		9/27/2003	ET/CW	0.91	15284
	TS6-SS-290-0000	414393.00	1459730.00		9/27/2003	ET/CW	1.54	16249
	TS6-SS-291-0000	414343.00	1459730.00		9/27/2003	ET/CW	0.86	15799
	TS6-SS-292-0000	414293.00	1459730.00		9/27/2003	ET/CW	0.96	16234

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

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6 OT-10 TRAINING SITE

28 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	414453.26	1459746.06
NE	414617.30	1459746.06
SW	414453.26	1459614.82
SE	414617.30	1459614.82

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS6-SS-293-0000	414586.00	1459738.00		9/30/2003	ET/CW	NA	14406
	TS6-SS-294-0000	414536.00	1459738.00		9/30/2003	MG	NA	13850
	TS6-SS-295-0000	414486.00	1459738.00		9/30/2003	MG	NA	14029
	TS6-SS-296-0000	414461.00	1459688.00		9/30/2003	MG	NA	14123
	TS6-SS-297-0000	414511.00	1459688.00		9/30/2003	MG	NA	13859
	TS6-SS-298-0000	414561.00	1459688.00		9/30/2003	MG	NA	15075
	TS6-SS-299-0000	414611.00	1459688.00		9/30/2003	MG	NA	14458
	TS6-SS-300-0000	414586.00	1459638.00		9/30/2003	MG	NA	13783
	TS6-SS-301-0000	414536.00	1459638.00		9/30/2003	MG	NA	13985
	TS6-SS-302-0000	414486.00	1459638.00		9/30/2003	MG	NA	14288

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

☐ (yes/no) Survey Unit passes?

☐ (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

6 OT-10 TRAINING SITE

29 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	414066.41	1459614.82
NE	414230.45	1459614.82
SW	414066.41	1459483.59
SE	414230.45	1459483.59

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS6-SS-303-0000	414077.00	1459559.00		10/10/2003	MG/CW	NA	13513
	TS6-SS-304-0000	414127.00	1459559.00		10/10/2003	MG/CW	NA	14714
	TS6-SS-305-0000	414177.00	1459559.00		9/29/2003	MG	NA	14181
	TS6-SS-306-0000	414227.00	1459559.00		9/29/2003	MG	NA	15248
	TS6-SS-307-0000	414202.00	1459609.00		9/29/2003	MG	NA	12379
	TS6-SS-308-0000	414152.00	1459609.00		9/29/2003	ET/CW	NA	11983
	TS6-SS-309-0000	414102.00	1459609.00		9/29/2003	ET/CW	NA	13250
	TS6-SS-310-0000	414102.00	1459509.00		9/29/2003	ET/CW	NA	13607
	TS6-SS-311-0000	414152.00	1459509.00		10/10/2003	MG/CW	NA	11839
	TS6-SS-312-0000	414202.00	1459509.00		9/29/2003	MG	NA	13432

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

6 OT-10 TRAINING SITE

30 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	414230.45	1459614.82
NE	414394.50	1459614.82
SW	414230.45	1459483.59
SE	414394.50	1459483.59

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS6-SS-313-0000	414362.00	1459598.00		9/27/2003	MG	NA	13272
	TS6-SS-314-0000	414312.00	1459598.00		9/27/2003	MG	NA	15390
	TS6-SS-315-0000	414262.00	1459598.00		9/27/2003	MG	NA	14994
	TS6-SS-316-0000	414237.00	1459548.00		9/27/2003	MG	NA	12393
	TS6-SS-317-0000	414287.00	1459548.00		9/27/2003	MG	NA	15037
	TS6-SS-318-0000	414337.00	1459548.00		9/27/2003	MG	NA	15523
	TS6-SS-319-0000	414387.00	1459548.00		9/27/2003	MG	NA	14322
	TS6-SS-320-0000	414362.00	1459498.00		9/27/2003	MG	NA	13975
	TS6-SS-321-0000	414312.00	1459498.00		9/27/2003	MG	NA	14026
	TS6-SS-322-0000	414262.00	1459498.00		9/27/2003	MG	NA	12463

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

6 OT-10 TRAINING SITE

31 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	414394.50	1459614.82
NE	414558.54	1459614.82
SW	414394.50	1459483.59
SE	414558.54	1459483.59

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS6-SS-323-0000	414422.00	1459543.00		9/27/2003	MG	NA	17106
	TS6-SS-324-0000	414397.00	1459593.00		9/27/2003	MG	NA	13486
	TS6-SS-325-0000	414447.00	1459593.00		9/27/2003	MG	NA	14501
	TS6-SS-326-0000	414497.00	1459593.00		9/27/2003	MG	NA	14728
	TS6-SS-327-0000	414547.00	1459593.00		9/27/2003	MG	NA	13786
	TS6-SS-328-0000	414522.00	1459543.00		9/27/2003	MG	NA	14089
	TS6-SS-329-0000	414522.00	1459493.00		9/27/2003	MG	NA	15064
	TS6-SS-330-0000	414472.00	1459493.00		9/27/2003	MG	NA	14774
	TS6-SS-331-0000	414422.00	1459493.00		9/27/2003	MG	NA	13305
	TS6-SS-332-0000	414472.00	1459543.00		9/27/2003	MG	NA	17765

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

6 OT-10 TRAINING SITE

32 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	414558.54	1459614.82
NE	414722.58	1459614.82
SW	414558.54	1459483.59
SE	414722.58	1459483.59

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS6-SS-333-0000	414568.00	1459494.00		9/30/2003	MG	NA	16230
	TS6-SS-334-0000	414618.00	1459494.00		9/30/2003	MG	NA	12351
	TS6-SS-335-0000	414668.00	1459494.00		10/6/2003	ET/CW	NA	13299
	TS6-SS-336-0000	414718.00	1459494.00		10/6/2003	ET/CW	NA	12907
	TS6-SS-337-0000	414693.00	1459544.00		10/6/2003	ET/CW	NA	12427
	TS6-SS-338-0000	414643.00	1459544.00		10/6/2003	ET/CW	NA	14012
	TS6-SS-339-0000	414593.00	1459544.00		9/30/2003	MG	NA	15691
	TS6-SS-340-0000	414593.00	1459594.00		9/30/2003	MG	NA	14802
	TS6-SS-341-0000	414643.00	1459594.00		10/6/2003	ET/CW	NA	13749
	TS6-SS-342-0000	414693.00	1459594.00		10/6/2003	ET/CW	NA	13426

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site. The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

6 OT-10 TRAINING SITE

33 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	414174.44	1459483.59
NE	414338.48	1459483.59
SW	414174.44	1459352.36
SE	414338.48	1459352.36

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS6-SS-343-0000	414182.00	1459370.00		9/27/2003	MG	NA	11379
	TS6-SS-344-0000	414232.00	1459370.00		9/27/2003	MG	NA	10811
	TS6-SS-345-0000	414282.00	1459370.00		9/29/2003	MG	NA	11135
	TS6-SS-346-0000	414332.00	1459370.00		9/29/2003	ET/CW	NA	11813
	TS6-SS-347-0000	414307.00	1459420.00		9/29/2003	ET/CW	NA	11042
	TS6-SS-348-0000	414257.00	1459420.00		9/29/2003	ET/CW	NA	13460
	TS6-SS-349-0000	414207.00	1459420.00		10/10/2003	MG/CW	NA	11940
	TS6-SS-350-0000	414207.00	1459470.00		10/10/2003	MG/CW	NA	12084
	TS6-SS-351-0000	414257.00	1459470.00		9/29/2003	MG	NA	14718
	TS6-SS-352-0000	414307.00	1459470.00		9/29/2003	MG	NA	15235

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

6 OT-10 TRAINING SITE

34 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	414338.48	1459483.59
NE	414502.52	1459483.59
SW	414338.48	1459352.36
SE	414502.52	1459352.36

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS6-SS-353-0000	414369.00	1459465.00		9/29/2003	MG	NA	15278
	TS6-SS-354-0000	414419.00	1459465.00		9/29/2003	MG	NA	13727
	TS6-SS-355-0000	414469.00	1459465.00		9/29/2003	MG	NA	18957
	TS6-SS-356-0000	414494.00	1459415.00		9/29/2003	ET/CW	NA	12595
	TS6-SS-357-0000	414444.00	1459415.00		9/29/2003	ET/CW	NA	14086
	TS6-SS-358-0000	414394.00	1459415.00		9/29/2003	ET/CW	NA	14215
	TS6-SS-359-0000	414344.00	1459415.00		10/10/2003	MG/CW	NA	12192
	TS6-SS-360-0000	414369.00	1459365.00		9/29/2003	ET/CW	NA	13356
	TS6-SS-361-0000	414419.00	1459365.00		9/29/2003	ET/CW	NA	13884
	TS6-SS-362-0000	414469.00	1459365.00		9/29/2003	ET/CW	NA	13752

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

6 OT-10 TRAINING SITE

35 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	414502.52	1459483.59
NE	414666.56	1459483.59
SW	414502.52	1459352.36
SE	414666.56	1459352.36

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS6-SS-363-0000	414582.00	1459429.00		9/29/2003	ET/CW	NA	13541
	TS6-SS-364-0000	414632.00	1459429.00		9/29/2003	ET/CW	NA	13936
	TS6-SS-365-0000	414632.00	1459379.00		9/29/2003	ET/CW	NA	13370
	TS6-SS-366-0000	414582.00	1459379.00		9/29/2003	ET/CW	NA	13860
	TS6-SS-367-0000	414532.00	1459379.00		9/29/2003	ET/CW	NA	14801
	TS6-SS-368-0000	414532.00	1459429.00		9/29/2003	MG	NA	13607
	TS6-SS-369-0000	414507.00	1459479.00		9/29/2003	MG	NA	15383
	TS6-SS-370-0000	414557.00	1459479.00		9/29/2003	MG	NA	13899
	TS6-SS-371-0000	414607.00	1459479.00		9/29/2003	MG	NA	14663
	TS6-SS-372-0000	414657.00	1459479.00		9/29/2003	ET/CW	NA	12763

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site. The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

6 OT#10 TRAINING SITE

multi MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
	NA	NA
	NA	NA
	NA	NA
	NA	NA

Samples to ERG Lab?	
X	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g) Net Conc.	One-Minute Static Count (cpm)
	TS6-SS-403-0000	413922.09	1460366.87		10/6/2003	MG	0.37	13742
	TS6-SS-404-0000	414177.92	1460049.72		10/6/2003	MG	1.11	18535
	TS6-SS-405-0000	414454.67	1459898.17		10/6/2003	MG	0.72	16441
	TS6-SS-406-0000	414278.49	1459682.18		10/6/2003	MG	1.66	21207
	TS6-SS-407-0000	414555.44	1459484.45		10/6/2003	MG	0.37	16883

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

7 OT-10 TRAINING SITE

1 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	415266.55	1458291.19
NE	415397.78	1458291.19
SW	415266.55	1458127.15
SE	415397.78	1458127.15

Samples to ERG Lab?	
X	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g) Gross Conc.	One-Minute Static Count (cpm)
	TS7-SS-21-0000	415380.00	1458283.00		9/22/2003	MG	1.03	12597
	TS7-SS-22-0000	415380.00	1458233.00		9/22/2003	MG	3.10	17381
	TS7-SS-23-0000	415380.00	1458183.00		9/22/2003	ET/CW	0.96	15372
	TS7-SS-24-0000	415380.00	1458133.00		9/22/2003	ET/CW	0.80	14401
	TS7-SS-25-0000	415330.00	1458158.00		9/22/2003	ET/CW	0.85	14839
	TS7-SS-26-0000	415330.00	1458208.00		9/22/2003	ET/CW	0.92	13183
	TS7-SS-27-0000	415330.00	1458258.00		9/22/2003	MG	0.89	13369
	TS7-SS-28-0000	415280.00	1458258.00		9/22/2003	MG	0.64	11762
	TS7-SS-29-0000	415280.00	1458208.00		9/22/2003	MG	0.95	13650
	TS7-SS-30-0000	415280.00	1458158.00		9/22/2003	MG	0.90	13803

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

7 OT-10 TRAINING SITE

2 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	415397.78	1458258.38
NE	415561.82	1458258.38
SW	415397.78	1458127.15
SE	415561.82	1458127.15

Samples to ERG Lab?	
X	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g) Gross Conc.	One-Minute Static Count (cpm)
	TS7-SS-31-0000	415407.00	1458140.00		9/22/2003	ET/CW	0.62	10855
	TS7-SS-32-0000	415457.00	1458140.00		9/22/2003	ET/CW	0.76	14605
	TS7-SS-33-0000	415507.00	1458140.00		9/22/2003	ET/CW	0.75	13728
	TS7-SS-34-0000	415557.00	1458140.00		9/22/2003	ET/CW	0.60	13750
	TS7-SS-35-0000	415532.00	1458190.00		9/22/2003	ET/CW	0.98	16051
	TS7-SS-36-0000	415482.00	1458190.00		9/22/2003	ET/CW	0.98	16188
	TS7-SS-37-0000	415432.00	1458190.00		9/22/2003	ET/CW	1.30	16870
	TS7-SS-38-0000	415432.00	1458240.00		9/22/2003	MG	1.63	14793
	TS7-SS-39-0000	415482.00	1458240.00		9/22/2003	MG	0.76	13508
	TS7-SS-40-0000	415532.00	1458240.00		9/22/2003	MG	0.80	15239

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

7 OT-10 TRAINING SITE

3 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	415561.82	1458258.38
NE	415725.87	1458258.38
SW	415561.82	1458127.15
SE	415725.87	1458127.15

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS7-SS-41-0000	415673.00	1458247.00		9/22/2003	MG	NA	14862
	TS7-SS-42-0000	415623.00	1458247.00		9/22/2003	MG	NA	14586
	TS7-SS-43-0000	415573.00	1458247.00		9/22/2003	MG	NA	15554
	TS7-SS-44-0000	415598.00	1458197.00		9/22/2003	ET/CW	NA	14326
	TS7-SS-45-0000	415648.00	1458197.00		9/22/2003	ET/CW	NA	15077
	TS7-SS-46-0000	415698.00	1458197.00		9/22/2003	MG	NA	16793
	TS7-SS-47-0000	415698.00	1458147.00		9/22/2003	MG	NA	12757
	TS7-SS-48-0000	415648.00	1458147.00		9/22/2003	ET/CW	NA	12881
	TS7-SS-49-0000	415598.00	1458147.00		9/22/2003	ET/CW	NA	13000
	TS7-SS-50-0000	415723.00	1458247.00		9/22/2003	MG	NA	14368

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

7 OT-10 TRAINING SITE

4 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	415266.55	1458127.15
NE	415397.78	1458127.15
SW	415266.55	1457963.10
SE	415397.78	1457963.10

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS7-SS-51-0000	415382.00	1458098.00		9/22/2003	ET/CW	NA	13915
	TS7-SS-52-0000	415382.00	1458048.00		9/22/2003	ET/CW	NA	14168
	TS7-SS-53-0000	415382.00	1457998.00		9/23/2003	ET/CW	NA	16703
	TS7-SS-54-0000	415332.00	1457973.00		9/23/2003	ET/CW	NA	16950
	TS7-SS-55-0000	415332.00	1458023.00		9/23/2003	ET/CW	NA	16750
	TS7-SS-56-0000	415332.00	1458073.00		9/23/2003	ET/CW	NA	14744
	TS7-SS-57-0000	415332.00	1458123.00		9/23/2003	ET/CW	NA	13638
	TS7-SS-58-0000	415282.00	1458098.00		9/23/2003	ET/CW	NA	15682
	TS7-SS-59-0000	415282.00	1458048.00		9/23/2003	ET/CW	NA	15290
	TS7-SS-60-0000	415282.00	1457998.00		9/23/2003	ET/CW	NA	14360

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site. The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

7 OT-10 TRAINING SITE

5 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	415397.78	1458127.15
NE	415561.82	1458127.15
SW	415397.78	1457995.91
SE	415561.82	1457995.91

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS7-SS-61-0000	415507.00	1458058.00		9/22/2003	ET/CW	NA	13372
	TS7-SS-62-0000	415457.00	1458058.00		9/22/2003	ET/CW	NA	14263
	TS7-SS-63-0000	415407.00	1458058.00		9/22/2003	ET/CW	NA	15191
	TS7-SS-64-0000	415432.00	1458108.00		9/22/2003	ET/CW	NA	13775
	TS7-SS-65-0000	415482.00	1458108.00		9/22/2003	ET/CW	NA	13992
	TS7-SS-66-0000	415532.00	1458108.00		9/22/2003	ET/CW	NA	12749
	TS7-SS-67-0000	415557.00	1458058.00		9/22/2003	ET/CW	NA	12755
	TS7-SS-68-0000	415532.00	1458008.00		9/23/2003	ET/CW	NA	13232
	TS7-SS-69-0000	415482.00	1458008.00		9/23/2003	ET/CW	NA	12898
	TS7-SS-70-0000	415432.00	1458008.00		9/23/2003	ET/CW	NA	15297

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site. The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

7 OT-10 TRAINING SITE

6 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	415561.82	1458127.15
NE	415725.87	1458127.15
SW	415561.82	1457995.91
SE	415725.87	1457995.91

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS7-SS-71-0000	415642.00	1458070.00		9/22/2003	ET/CW	NA	12399
	TS7-SS-72-0000	415592.00	1458070.00		9/22/2003	ET/CW	NA	12112
	TS7-SS-73-0000	415567.00	1458120.00		9/22/2003	ET/CW	NA	13801
	TS7-SS-74-0000	415617.00	1458120.00		9/22/2003	ET/CW	NA	13183
	TS7-SS-75-0000	415667.00	1458120.00		9/22/2003	ET/CW	NA	12317
	TS7-SS-76-0000	415717.00	1458120.00		9/22/2003	MG	NA	13318
	TS7-SS-77-0000	415692.00	1458070.00		9/22/2003	MG	NA	12008
	TS7-SS-78-0000	415692.00	1458020.00		9/23/2003	MG	NA	12401
	TS7-SS-79-0000	415642.00	1458020.00		9/23/2003	MG	NA	13354
	TS7-SS-80-0000	415592.00	1458020.00		9/23/2003	MG	NA	13245

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site. The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

7 OT-10 TRAINING SITE

7 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	415397.78	1457995.91
NE	415561.82	1457995.91
SW	415397.78	1457864.68
SE	415561.82	1457864.68

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS8-SS-81-0000	415480.00	1457971.00		9/23/2003	ET/CW	NA	13080
	TS8-SS-82-0000	415530.00	1457971.00		9/23/2003	ET/CW	NA	12885
	TS8-SS-83-0000	415555.00	1457921.00		9/23/2003	ET/CW	NA	13100
	TS8-SS-84-0000	415505.00	1457921.00		9/23/2003	ET/CW	NA	13162
	TS8-SS-85-0000	415455.00	1457921.00		9/23/2003	ET/CW	NA	14132
	TS8-SS-86-0000	415405.00	1457921.00		9/23/2003	ET/CW	NA	12478
	TS8-SS-87-0000	415430.00	1457871.00		9/23/2003	ET/CW	NA	12983
	TS8-SS-88-0000	415480.00	1457871.00		9/23/2003	ET/CW	NA	12871
	TS8-SS-89-0000	415530.00	1457871.00		9/23/2003	MG	NA	12825
	TS8-SS-90-0000	415430.00	1457971.00		9/23/2003	ET/CW	NA	14223

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site. The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

7 OT-10 TRAINING SITE

8 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	415561.82	1457995.91
NE	415725.87	1457995.91
SW	415561.82	1457864.68
SE	415725.87	1457864.68

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS9-SS-91-0000	415669.00	1457982.00		9/22/2003	MG	NA	12616
	TS9-SS-92-0000	415619.00	1457982.00		9/22/2003	MG	NA	12538
	TS9-SS-93-0000	415569.00	1457982.00		9/22/2003	MG	NA	12807
	TS9-SS-94-0000	415594.00	1457932.00		9/22/2003	MG	NA	14837
	TS9-SS-95-0000	415644.00	1457932.00		9/22/2003	MG	NA	12425
	TS9-SS-96-0000	415694.00	1457932.00		9/22/2003	MG	NA	13028
	TS9-SS-97-0000	415694.00	1457882.00		9/22/2003	MG	NA	12885
	TS9-SS-98-0000	415644.00	1457882.00		9/22/2003	MG	NA	13140
	TS9-SS-99-0000	415594.00	1457882.00		9/22/2003	MG	NA	12563
	TS9-SS-100-0000	415719.00	1457982.00		9/22/2003	MG	NA	12839

Notes:

[a] *Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.*

The exception is TS6 where the n starts sequentially at 23.

☐ (yes/no) Survey Unit passes?

☐ (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

7 OT-10 TRAINING SITE

9 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	415725.87	1458214.32
NE	415889.91	1458214.32
SW	415725.87	1458083.08
SE	415889.91	1458083.08

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS10-SS-101-000	415808.00	1458095.00		9/22/2003	MG	NA	12935
	TS10-SS-102-000	415858.00	1458095.00		9/22/2003	MG	NA	14913
	TS10-SS-103-000	415883.00	1458145.00		9/22/2003	MG	NA	15077
	TS10-SS-104-000	415833.00	1458145.00		9/22/2003	MG	NA	15696
	TS10-SS-105-000	415783.00	1458145.00		9/22/2003	MG	NA	13712
	TS10-SS-106-000	415733.00	1458145.00		9/22/2003	MG	NA	13103
	TS10-SS-107-000	415758.00	1458195.00		9/22/2003	MG	NA	14112
	TS10-SS-108-000	415808.00	1458195.00		9/22/2003	MG	NA	17488
	TS10-SS-109-000	415858.00	1458195.00		9/22/2003	MG	NA	14792
	TS10-SS-110-000	415758.00	1458095.00		9/22/2003	MG	NA	13137

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site. The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

7 OT-10 TRAINING SITE

10 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	415725.87	1458083.08
NE	415889.91	1458083.08
SW	415725.87	1457951.85
SE	415889.91	1457951.85

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS10-SS-111-000	415781.00	1458066.00		9/22/2003	MG	NA	12252
	TS10-SS-112-000	415831.00	1458066.00		9/22/2003	MG	NA	17521
	TS10-SS-113-000	415881.00	1458066.00		9/22/2003	MG	NA	15993
	TS10-SS-114-000	415856.00	1458016.00		9/23/2003	MG	NA	13166
	TS10-SS-115-000	415806.00	1458016.00		9/23/2003	MG	NA	13069
	TS10-SS-116-000	415756.00	1458016.00		9/23/2003	MG	NA	12868
	TS10-SS-117-000	415756.00	1457966.00		9/23/2003	MG	NA	12873
	TS10-SS-118-000	415806.00	1457966.00		9/23/2003	MG	NA	12677
	TS10-SS-119-000	415856.00	1457966.00		9/23/2003	MG	NA	14107
	TS10-SS-120-000	415731.00	1458066.00		9/22/2003	MG	NA	12612

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site. The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

7 OT-10 TRAINING SITE

multi MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
	NA	NA
	NA	NA
	NA	NA
	NA	NA

Samples to ERG Lab?	
X	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g) Net Conc.	One-Minute Static Count (cpm)
	TS7-SS-121-0000	415521.11	1458033.52		10/6/2003	MG	0.46	13695
	TS7-SS-122-0000	415707.05	1458196.05		10/6/2003	MG	1.39	14655
	TS7-SS-123-0000	415307.95	1458044.86		10/6/2003	MG	0.54	15942
	TS7-SS-124-0000	415429.25	1458225.14		10/6/2003	MG	1.23	16994
	TS7-SS-125-0000	415806.45	1458209.59		10/6/2003	MG	1.77	17213

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site. The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

8 OT-10 TRAINING SITE

1 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	411575.60	1463543.78
NE	411706.84	1463543.78
SW	411575.60	1463379.74
SE	411706.84	1463379.74

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS8-SS-21-0000	411688.00	1463490.00		9/30/2003	ET/CW	NA	14901
	TS8-SS-22-0000	411688.00	1463440.00		9/30/2003	ET/CW	NA	14557
	TS8-SS-23-0000	411688.00	1463390.00		9/30/2003	ET/CW	NA	13995
	TS8-SS-24-0000	411638.00	1463415.00		10/10/2003	MG/CW	NA	14692
	TS8-SS-25-0000	411638.00	1463465.00		10/10/2003	MG/CW	NA	14605
	TS8-SS-26-0000	411638.00	1463515.00		9/30/2003	ET/CW	NA	13803
	TS8-SS-27-0000	411588.00	1463515.00		9/30/2003	ET/CW	NA	13854
	TS8-SS-28-0000	411588.00	1463465.00		9/30/2003	ET/CW	NA	14514
	TS8-SS-29-0000	411588.00	1463415.00		9/30/2003	ET/CW	NA	13777
	TS8-SS-30-0000	411688.00	1463540.00		9/30/2003	ET/CW	NA	12977

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site. The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

8 OT-10 TRAINING SITE

2 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	411706.84	1463655.84
NE	411870.88	1463655.84
SW	411706.84	1463524.61
SE	411870.88	1463524.61

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS8-SS-31-0000	411837.00	1463538.00		9/30/2003	MG	NA	14296
	TS8-SS-32-0000	411787.00	1463538.00		9/30/2003	MG	NA	13901
	TS8-SS-33-0000	411737.00	1463538.00		9/30/2003	ET/CW	NA	13740
	TS8-SS-34-0000	411712.00	1463588.00		9/30/2003	ET/CW	NA	12852
	TS8-SS-35-0000	411762.00	1463588.00		10/1/2003	ET/CW	NA	13353
	TS8-SS-36-0000	411812.00	1463588.00		9/30/2003	ET/CW	NA	14057
	TS8-SS-37-0000	411862.00	1463588.00		9/30/2003	MG	NA	14579
	TS8-SS-38-0000	411837.00	1463638.00		9/30/2003	ET/CW	NA	13981
	TS8-SS-39-0000	411787.00	1463638.00		10/1/2003	ET/CW	NA	13371
	TS8-SS-40-0000	411737.00	1463638.00		9/30/2003	ET/CW	NA	13509

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

8 OT-10 TRAINING SITE

3 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	411706.84	1463524.61
NE	411870.88	1463524.61
SW	411706.84	1463393.38
SE	411870.88	1463393.38

Samples to ERG Lab?	
X	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g) Gross Conc.	One-Minute Static Count (cpm)
	TS8-SS-41-0000	411717.00	1463457.00		9/30/2003	MG	1.16	14682
	TS8-SS-42-0000	411753.09	1463457.00		9/30/2003	MG	0.87	13463
	TS8-SS-43-0000	411789.18	1463457.00		10/10/2003	MG/CW	0.99	15124
	TS8-SS-44-0000	411825.27	1463457.00		9/30/2003	MG	0.89	13468
	TS8-SS-45-0000	411861.36	1463457.00		9/30/2003	MG	0.65	12903
	TS8-SS-46-0000	411843.32	1463420.91		9/30/2003	MG	0.88	13986
	TS8-SS-47-0000	411807.23	1463420.91		9/30/2003	MG	1.19	14196
	TS8-SS-48-0000	411771.14	1463420.91		9/30/2003	MG	0.81	13253
	TS8-SS-49-0000	411735.05	1463420.91		9/30/2003	ET/CW	1.19	14847
	TS8-SS-50-0000	411735.05	1463493.09		9/30/2003	MG	0.92	13289
	TS8-SS-51-0000	411771.14	1463493.09		9/30/2003	MG	0.79	15128
	TS8-SS-52-0000	411807.23	1463493.09		9/30/2003	MG	0.64	14390
	TS8-SS-53-0000	411843.32	1463493.09		9/30/2003	MG	0.74	13716

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site. The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

8 OT-10 TRAINING SITE

4 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	411706.84	1463393.38
NE	411870.88	1463393.38
SW	411706.84	1463262.14
SE	411870.88	1463262.14

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS8-SS-54-0000	411815.00	1463330.00		10/1/2003	ET/CW	NA	13343
	TS8-SS-55-0000	411765.00	1463330.00		10/1/2003	ET/CW	NA	13975
	TS8-SS-56-0000	411715.00	1463330.00		9/30/2003	ET/CW	NA	13622
	TS8-SS-57-0000	411740.00	1463280.00		10/1/2003	ET/CW	NA	12901
	TS8-SS-58-0000	411790.00	1463280.00		10/1/2003	ET/CW	NA	13858
	TS8-SS-59-0000	411840.00	1463280.00		10/10/2003	MG/CW	NA	13247
	TS8-SS-60-0000	411865.00	1463330.00		10/1/2003	ET/CW	NA	12166
	TS8-SS-61-0000	411840.00	1463380.00		10/10/2003	MG/CW	NA	13668
	TS8-SS-62-0000	411790.00	1463380.00		9/30/2003	MG	NA	14007
	TS8-SS-63-0000	411740.00	1463380.00		10/1/2003	ET/CW	NA	13848

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

8 OT-10 TRAINING SITE

5 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	411870.88	1463731.67
NE	412002.11	1463731.67
SW	411870.88	1463567.63
SE	412002.11	1463567.63

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS8-SS-64-0000	411942.00	1463725.00		9/30/2003	CW	NA	12753
	TS8-SS-65-0000	411892.00	1463700.00		9/30/2003	CW	NA	13482
	TS8-SS-66-0000	411892.00	1463650.00		9/30/2003	MG	NA	13166
	TS8-SS-67-0000	411892.00	1463600.00		9/30/2003	MG	NA	14164
	TS8-SS-68-0000	411942.00	1463575.00		9/30/2003	MG	NA	12992
	TS8-SS-69-0000	411942.00	1463625.00		10/10/2003	MG/CW	NA	13515
	TS8-SS-70-0000	411942.00	1463675.00		9/30/2003	MG	NA	13274
	TS8-SS-71-0000	411992.00	1463700.00		10/1/2003	MG	NA	12330
	TS8-SS-72-0000	411992.00	1463650.00		10/1/2003	MG	NA	13555
	TS8-SS-73-0000	411992.00	1463600.00		9/30/2003	MG	NA	13509

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

8 OT-10 TRAINING SITE

6 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	411870.88	1463567.63
NE	412002.11	1463567.63
SW	411870.88	1463403.59
SE	412002.11	1463403.59

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS8-SS-74-0000	411886.00	1463408.00		10/10/2003	MG/CW	NA	13412
	TS8-SS-75-0000	411886.00	1463458.00		10/10/2003	MG/CW	NA	13928
	TS8-SS-76-0000	411886.00	1463508.00		10/10/2003	MG/CW	NA	14611
	TS8-SS-77-0000	411886.00	1463558.00		9/30/2003	MG	NA	13608
	TS8-SS-78-0000	411936.00	1463533.00		9/30/2003	MG	NA	12908
	TS8-SS-79-0000	411936.00	1463483.00		10/10/2003	MG/CW	NA	12878
	TS8-SS-80-0000	411936.00	1463433.00		10/10/2003	MG/CW	NA	12026
	TS8-SS-81-0000	411986.00	1463433.00		10/10/2003	MG/CW	NA	12237
	TS8-SS-82-0000	411986.00	1463483.00		10/10/2003	MG/CW	NA	12371
	TS8-SS-83-0000	411986.00	1463533.00		10/10/2003	MG/CW	NA	13031

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site.

The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

8 OT-10 TRAINING SITE

7 MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
NW	412039.90	1463347.04
NE	412203.94	1463347.04
SW	412039.90	1463215.80
SE	412203.94	1463215.80

Samples to ERG Lab?	
	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g)	One-Minute Static Count (cpm)
	TS8-SS-84-0000	412200.00	1463329.00		10/1/2003	MG	NA	13999
	TS8-SS-85-0000	412150.00	1463329.00		10/1/2003	MG	NA	13128
	TS8-SS-86-0000	412100.00	1463329.00		10/1/2003	MG	NA	12879
	TS8-SS-87-0000	412050.00	1463329.00		10/1/2003	MG	NA	13882
	TS8-SS-88-0000	412075.00	1463279.00		10/1/2003	MG	NA	13746
	TS8-SS-89-0000	412125.00	1463279.00		10/1/2003	MG	NA	13762
	TS8-SS-90-0000	412175.00	1463279.00		10/1/2003	MG	NA	13356
	TS8-SS-91-0000	412175.00	1463229.00		10/1/2003	CW/ET	NA	12820
	TS8-SS-92-0000	412125.00	1463229.00		10/1/2003	CW/ET	NA	13784
	TS8-SS-93-0000	412075.00	1463229.00		10/1/2003	MG	NA	13878

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site. The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

Final Status Soil Sampling Tracking Form

8 OT-10 TRAINING SITE

multi MARSSIM CLASS 1 SURVEY UNIT

UTM COORDINATES OF CORNERS (NAD 27)

	Easting (x)	Northing (y)
	NA	NA
	NA	NA
	NA	NA
	NA	NA

Samples to ERG Lab?	
X	check if yes

Field Replicate	Sample ID[a]	Easting (x)	Northing (y)	Site Flagged?	Date Collected mm/dd/yy	Rig/Crew	Onsite Th-232 (pCi/g) Net Conc.	One-Minute Static Count (cpm)
	TS8-SS-94-0000	411797.58	1463470.40		10/6/2003	MG	0.17	14942
	TS8-SS-95-0000	411914.42	1463620.28		10/6/2003	MG	1.45	15732
	TS8-SS-96-0000	411664.83	1463424.84		10/6/2003	MG	1.15	14481
	TS8-SS-97-0000	411863.97	1463525.49		10/6/2003	MG	1.82	17134
	TS8-SS-98-0000	412149.61	1463296.38		10/6/2003	MG	1.48	14883

Notes:

[a] Use format TSz-SS-n-0000, where z is 5, 6, 7, or 8 and n is sequential starting at and restarting at 21 at each training site. The exception is TS6 where the n starts sequentially at 23.

[ ] (yes/no) Survey Unit passes?

[ ] (yes/no) OK to delete sample location from TSC1?

1-Minute Count Locations

5 OT-10 TRAINING SITE

20 MARSSIM CLASS 2 SURVEY UNIT

Average =	12666.80
Median =	12855.00
Number of Measurements =	15
Max =	14410
Min =	11331
Std. Dev. =	1060.60

Location	Sample ID[a]		(x) Field	(y) Field	1-Minute Static Count (cpm)
2	TS5-SS-217-0000		412378.77	1459690.81	12855
5	TS5-SS-220-0000		412790.03	1459236.25	13057
6	TS5-SS-221-0000		412605.33	1459350.25	13424
7	TS5-SS-222-0000		412508.64	1459431.07	13606
9	TS5-SS-224-0000		412390.31	1459546.51	14410
10	TS5-SS-225-0000		412455.25	1459624.43	14212
11	TS5-SS-226-0000		412667.38	1459921.70	13200
18	TS5-SS-233-0000		412592.15	1459921.15	11788
19	TS5-SS-234-0000		412764.73	1459921.15	11938
20	TS5-SS-235-0000		412851.01	1459921.15	11331
30	TS5-SS-245-0000		412708.40	1459235.66	11511
31	TS5-SS-246-0000		412533.43	1459350.70	11539
32	TS5-SS-247-0000		412666.45	1459350.70	12147
33	TS5-SS-248-0000		412489.09	1459691.06	13580
34	TS5-SS-249-0000		412528.64	1459796.52	11404

1-Minute Count Locations

5 OT-10 TRAINING SITE

21 MARSSIM CLASS 2 SURVEY UNIT

Average =	12731.53
Median =	12559.00
Number of Measurements =	15
Max =	14166
Min =	11543
Std. Dev. =	834.54

Location	Sample ID[a]	(x) Field	(y) Field	1-Minute Static Count (cpm)
1	TS5-SS-216-0000	413238.82	1459767.29	13269
3	TS5-SS-218-0000	413243.15	1459383.44	13381
4	TS5-SS-219-0000	413120.49	1459237.70	13443
8	TS5-SS-223-0000	413241.71	1459573.93	14166
12	TS5-SS-227-0000	413010.82	1459920.26	13141
13	TS5-SS-228-0000	413097.40	1459842.33	14027
21	TS5-SS-236-0000	412942.09	1459921.15	11817
22	TS5-SS-237-0000	413082.31	1459921.15	11947
23	TS5-SS-238-0000	413141.03	1459798.92	13144
24	TS5-SS-239-0000	413240.50	1459679.07	12559
25	TS5-SS-240-0000	413239.30	1459487.33	12382
26	TS5-SS-241-0000	413240.50	1459333.93	12001
27	TS5-SS-242-0000	413188.97	1459234.46	12237
28	TS5-SS-243-0000	413043.96	1459235.66	11543
29	TS5-SS-244-0000	412960.07	1459235.66	11916

1-Minute Count Locations

5 OT-10 TRAINING SITE

22 MARSSIM CLASS 2 SURVEY UNIT

Average =	12148.25
Median =	12123.00
Number of Measurements =	4
Max =	12902
Min =	11445
Std. Dev. =	629.54

Location	Sample ID[a]		(x) Field	(y) Field	1-Minute Static Count (cpm)
14	TS5-SS-229-0000		413411.99	1459967.88	12902
15	TS5-SS-230-0000		413413.43	1459807.70	12373
16	TS5-SS-231-0000		413313.05	1459890.61	11873
17	TS5-SS-232-0000		413506.61	1459890.61	11445

1-Minute Count Locations

6 OT-10 TRAINING SITE

36 MARSSIM CLASS 2 SURVEY UNIT

Average =	10640.07
Median =	10500.00
Number of Measurements =	15
Max =	13302
Min =	8364
Std. Dev. =	1130.64

Location	Sample ID[a]	(x) Field	(y) Field	1-Minute Static Count (cpm)
13	TS6-SS-420-0000	414496.66	1460339.86	10476
14	TS6-SS-421-0000	414239.83	1460548.41	8364
15	TS6-SS-422-0000	413737.76	1460548.41	13302
16	TS6-SS-423-0000	413900.96	1460180.28	10500
17	TS6-SS-424-0000	413979.64	1460182.06	10961
18	TS6-SS-425-0000	413942.09	1460230.35	10775
19	TS6-SS-426-0000	413813.34	1460233.92	11422
20	TS6-SS-427-0000	413673.85	1460233.92	10628
21	TS6-SS-428-0000	413645.24	1460344.79	11475
22	TS6-SS-429-0000	413643.45	1460466.39	11850
23	TS6-SS-430-0000	413913.48	1460557.59	9795
24	TS6-SS-431-0000	414074.42	1460559.38	10300
25	TS6-SS-432-0000	414344.44	1460475.34	9693
26	TS6-SS-433-0000	414419.55	1460423.48	9699
27	TS6-SS-434-0000	414542.94	1460226.77	10361

1-Minute Count Locations

6 OT-10 TRAINING SITE

37 MARSSIM CLASS 2 SURVEY UNIT

Average =	11811.20
Median =	11784.00
Number of Measurements =	15
Max =	13606
Min =	10539
Std. Dev. =	918.43

Location	Sample ID[a]	(x) Field	(y) Field	1-Minute Static Count (cpm)
1	TS6-SS-408-0000	413884.52	1459793.38	12088
2	TS6-SS-409-0000	413884.52	1459671.72	12518
3	TS6-SS-410-0000	413882.59	1459546.21	13606
4	TS6-SS-411-0000	414019.69	1459542.34	12281
5	TS6-SS-412-0000	414166.45	1459343.45	12667
6	TS6-SS-413-0000	414336.38	1459339.59	12661
28	TS6-SS-435-0000	413868.77	1460076.56	10565
29	TS6-SS-436-0000	413868.77	1459947.80	11172
30	TS6-SS-437-0000	413820.49	1459742.16	11061
31	TS6-SS-438-0000	413820.49	1459609.83	12640
32	TS6-SS-439-0000	413818.70	1459466.77	11684
33	TS6-SS-440-0000	413936.73	1459724.27	10881
34	TS6-SS-441-0000	413936.73	1459611.61	11021
35	TS6-SS-442-0000	413942.09	1459466.77	11784
36	TS6-SS-443-0000	414074.42	1459464.98	10539

1-Minute Count Locations

6 OT-10 TRAINING SITE

38 MARSSIM CLASS 2 SURVEY UNIT

Average =	12487.87
Median =	12069.00
Number of Measurements =	15
Max =	14209
Min =	10995
Std. Dev. =	1061.79

Location	Sample ID[a]	(x) Field	(y) Field	1-Minute Static Count (cpm)
7	TS6-SS-414-0000	414450.31	1459275.86	13348
8	TS6-SS-415-0000	414597.07	1459339.59	13573
9	TS6-SS-416-0000	414685.90	1459465.10	12069
10	TS6-SS-417-0000	414606.72	1459818.48	13645
11	TS6-SS-418-0000	414604.79	1459911.17	14051
12	TS6-SS-419-0000	414556.52	1460069.51	14209
37	TS6-SS-444-0000	414559.03	1459985.36	12372
38	TS6-SS-445-0000	414639.50	1459715.33	11445
39	TS6-SS-446-0000	414662.75	1459650.96	11825
40	TS6-SS-447-0000	414757.53	1459636.65	11561
41	TS6-SS-448-0000	414775.41	1459579.43	10995
42	TS6-SS-449-0000	414739.65	1459491.80	11388
43	TS6-SS-450-0000	414682.42	1459375.57	11915
44	TS6-SS-451-0000	414489.29	1459320.13	13085
45	TS6-SS-452-0000	414492.87	1459255.75	11837

1-Minute Count Locations

7 OT-10 TRAINING SITE

11 MARSSIM CLASS 2 SURVEY UNIT

Average =	13235.00
Median =	13055.00
Number of Measurements =	15
Max =	16970
Min =	11612
Std. Dev. =	1312.74

Location	Sample ID[a]	(x) Field	(y) Field	1-Minute Static Count (cpm)
1	TS7-SS-126-0000	415326.58	1458304.05	12764
2	TS7-SS-127-0000	415481.11	1458276.29	12794
3	TS7-SS-128-0000	415645.82	1458277.21	13379
4	TS7-SS-129-0000	415763.34	1458256.85	13483
5	TS7-SS-130-0000	415871.61	1458255.00	13153
6	TS7-SS-131-0000	415907.70	1458156.92	13537
7	TS7-SS-132-0000	415903.99	1458014.41	13284
8	TS7-SS-133-0000	415817.94	1457932.98	15019
9	TS7-SS-134-0000	415737.43	1457898.74	13055
10	TS7-SS-135-0000	415659.70	1457847.85	12968
11	TS7-SS-136-0000	415484.81	1457847.85	12303
12	TS7-SS-137-0000	415376.55	1457937.61	16970
13	TS7-SS-138-0000	415302.52	1457943.16	12434
14	TS7-SS-139-0000	415245.15	1458038.47	11770
15	TS7-SS-140-0000	415251.62	1458216.14	11612

1-Minute Count Locations

8 OT-10 TRAINING SITE

8 MARSSIM CLASS 2 SURVEY UNIT

Average =	13051.27
Median =	13157.00
Number of Measurements =	15
Max =	13709
Min =	11038
Std. Dev. =	347.06

Location	Sample ID[a]	(x) Field	(y) Field	1-Minute Static Count (cpm)
1	TS8-SS-99-0000	411989.56	1463747.16	13001
2	TS8-SS-100-0000	411858.74	1463706.98	13097
3	TS8-SS-101-0000	411779.31	1463670.54	13113
4	TS8-SS-102-0000	411636.34	1463733.15	13412
5	TS8-SS-103-0000	411636.34	1463670.54	13253
6	TS8-SS-104-0000	411630.73	1463612.60	13584
7	TS8-SS-105-0000	411574.66	1463588.31	13344
8	TS8-SS-106-0000	411510.19	1463588.31	13157
9	TS8-SS-107-0000	411542.89	1463507.95	13709
10	TS8-SS-108-0000	411541.96	1463427.58	13071
11	TS8-SS-109-0000	411546.63	1463345.35	13163
12	TS8-SS-110-0000	411637.27	1463345.35	13444
13	TS8-SS-111-0000	411791.45	1463245.36	13133
16	TS8-SS-114-0000	412016.73	1463497.53	11038
17	TS8-SS-115-0000	411908.16	1463377.05	12250

1-Minute Count Locations

8 OT-10 TRAINING SITE

9 MARSSIM CLASS 2 SURVEY UNIT

Average =	12858.50
Median =	12679.50
Number of Measurements =	4
Max =	13262
Min =	11721
Std. Dev. =	680.76

Location	Sample ID[a]		(x) Field	(y) Field	1-Minute Static Count (cpm)
14	TS8-SS-112-0000		412218.50	1463361.24	13262
15	TS8-SS-113-0000		412023.20	1463201.45	12969
18	TS8-SS-116-0000		412027.33	1463361.16	12390
19	TS8-SS-117-0000		412219.31	1463206.25	11721

APPENDIX B

FINAL STATUS SURVEY SOIL SAMPLE RESULTS

470562

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE
(Page 1 of 42)

Field Sample Identification		TS5-SS-21-0000	TS5-SS-22-0000	TS5-SS-22A-0000	TS5-SS-23-0000	TS5-SS-24-0000	TS5-SS-25-0000	TS5-SS-26-0000
Date Collected		10/3/2003	10/1/2003	10/1/2003	10/1/2003	10/1/2003	10/1/2003	10/1/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**							
Radionuclides/E901.1 (pCi/g)								
Actinium-228	6.61	**0.77 ± 0.29**	**1.0 ± 0.35**	**0.81 ± 0.25**	**1.48 ± 0.42**	**2.89 ± 0.69**	**0.89 ± 0.4**	**0.88 ± 0.31**
Bismuth-212	N/A	<1.1 ± 0.51	<0.63 ± 0.39	<0.53 ± 0.45	<1.1 ± 0.51	**1.7 ± 0.82**	<1.1 ± 0.53	<0.95 ± 0.46
Bismuth-214	N/A	**0.88 ± 0.26**	**0.75 ± 0.23**	**0.77 ± 0.21**	**0.95 ± 0.26**	**0.6 ± 0.25**	**0.91 ± 0.28**	**0.84 ± 0.23**
Cesium-137	N/A	<0.089 ± 0.05	<0.11 ± 0.056	<0.1 ± 0.051	<0.13 ± 0.066	<0.13 ± 0.072	<0.075 ± 0.044	<0.1 ± 0.05
Cobalt-60	N/A	<0.096 ± 0.045	<0.11 ± 0.055	<0.086 ± 0.04	<0.088 ± 0.05	<0.12 ± 0.062	<0.098 ± 0.042	<0.11 ± 0.058
Lead-212	N/A	**0.83 ± 0.21 B**	**0.82 ± 0.19 B**	**0.77 ± 0.18**	**1.15 ± 0.27 B**	**2.74 ± 0.44 B**	**0.99 ± 0.2 B**	**0.8 ± 0.21 B**
Lead-214	N/A	**1.07 ± 0.21**	**0.72 ± 0.17**	**0.73 ± 0.17**	**0.85 ± 0.19**	**0.95 ± 0.19**	**1.04 ± 0.2**	**0.84 ± 0.2**
Potassium-40	N/A	**14.6 ± 3.1**	**14 ± 2.7**	**13.2 ± 2.7**	**15.3 ± 3.2**	**16.2 ± 3.5**	**14.6 ± 3**	**15.5 ± 3**
Radium-224	N/A	**2.1 ± 1.6**	**2.7 ± 1.9**	**2.2 ± 1.6**	**2.7 ± 2.1**	**3.5 ± 2.2**	**3.2 ± 2.2**	**3.2 ± 2.1**
Radium-226	N/A	**2.3 ± 1.4**	**1.68 ± 0.8**	<1.1 ± 01± 1	**3.6 ± 1.7**	<1.9 ± 01± 1	**1.7 ± 1.4**	**1.71 ± 0.85**
Thallium-208	N/A	**0.263 ± 0.099**	**0.29 ± 0.11**	**0.299 ± 0.088**	**0.45 ± 0.14**	**0.79 ± 0.19**	**0.3 ± 0.11**	**0.47 ± 0.12**
Thorium-234	N/A	<1.1 ± 0.97	<1.0 ± 0.54	<0.87 ± 0.47	<1.3 ± 0.68	**1.91 ± 0.73**	<1.1 ± 0.58	<0.98 ± 0.52
Uranium 235 and 236	N/A	<0.38 ± 0.21	<0.34 ± 0.19	<0.33 ± 0.18	<0.51 ± 0.29	<0.49 ± 0.28	<0.45 ± 0.24	<0.38 ± 0.21

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picocuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE
(Page 2 of 42)

Field Sample Identification		TS5-SS-27-0000	TS5-SS-28-0000	TS5-SS-29-0000	TS5-SS-30-0000	TS5-SS-31-0000	TS5-SS-32-0000	TS5-SS-32A-0000
Date Collected		10/1/2003	10/3/2003	10/3/2003	10/3/2003	10/1/2003	10/1/2003	10/1/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	RO							
Radionuclides/E901.1 (pCi/g)								
Actinium-228	6.61	**1.48 ± 0.44**	**1.15 ± 0.36**	**0.9 ± 0.27**	**0.92 ± 0.29**	**1.39 ± 0.38**	**1.1 ± 0.36**	**1.2 ± 0.34**
Bismuth-212	N/A	**1.22 ± 0.58**	<0.86 ± 0.45	<0.88 ± 0.43	<0.73 ± 0.46	<1.1 ± 0.52	**0.76 ± 0.42**	<1.0 ± 0.46
Bismuth-214	N/A	**0.81 ± 0.25**	**0.88 ± 0.25**	**0.79 ± 0.21**	**0.95 ± 0.27**	**0.92 ± 0.24**	**0.69 ± 0.21**	**0.8 ± 0.25**
Cesium-137	N/A	**0.1 ± 0.074**	<0.092 ± 0.046	<0.1 ± 0.054	<0.11 ± 0.051	<0.11 ± 0.049	<0.11 ± 0.052	<0.097 ± 0.05
Cobalt-60	N/A	<0.11 ± 0.066	<0.075 ± 0.05	<0.089 ± 0.048	<0.1 ± 0.06	<0.11 ± 0.06	<0.11 ± 0.052	<0.086 ± 0.043
Lead-212	N/A	**1.07 ± 0.25 B**	**0.79 ± 0.19 B**	**0.74 ± 0.16 B**	**0.84 ± 0.18 B**	**1.19 ± 0.25**	**0.86 ± 0.18**	**0.98 ± 0.22**
Lead-214	N/A	**0.96 ± 0.23**	**0.93 ± 0.19**	**0.83 ± 0.18**	**1.02 ± 0.2**	**1.02 ± 0.21**	**0.86 ± 0.17**	**0.9 ± 0.2**
Potassium-40	N/A	**17.8 ± 3.6**	**16.5 ± 3.2**	**15.6 ± 2.9**	**17.6 ± 3.5**	**15.8 ± 3.1**	**16.1 ± 3.1**	**15.3 ± 3.1**
Radium-224	N/A	<2.3 ± 1.8	**3.0 ± 2**	**2.3 ± 1.7**	**3.2 ± 2.1**	**3.0 ± 2.1**	**2.5 ± 1.7**	**2.6 ± 1.9**
Radium-226	N/A	<2.1 ± 01± 1	**2.16 ± 0.99**	**1.37 ± 0.91**	**1.8 ± 1.3**	**2.07 ± 0.95**	<1.2 ± 0.96	**2.5 ± 1.1**
Thallium-208	N/A	**0.49 ± 0.14**	**0.34 ± 0.11**	**0.297 ± 0.094**	**0.41 ± 0.11**	**0.45 ± 0.13**	**0.33 ± 0.1**	**0.37 ± 0.11**
Thorium-234	N/A	<1.2 ± 0.65	<0.99 ± 0.53	**1.08 ± 0.56**	<1.1 ± 0.66	<1.1 ± 0.68	<0.99 ± 0.53	**1.15 ± 0.61**
Uranium 235 and 236	N/A	<0.46 ± 0.26	<0.36 ± 0.2	<0.36 ± 0.19	<0.37 ± 0.23	<0.45 ± 0.25	<0.37 ± 0.2	<0.38 ± 0.23

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picocuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS5-SS-33-0000	TS5-SS-34-0000	TS5-SS-35-0000	TS5-SS-36-0000	TS5-SS-37-0000	TS5-SS-38-0000	TS5-SS-39-0000
Date Collected		10/1/2003	10/1/2003	10/1/2003	10/1/2003	10/3/2003	10/1/2003	10/1/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**							
Radionuclides/E901.1 (pCi/g)								
Actinium-228	6.61	**1.37 ± 0.36**	**1.06 ± 0.34**	**1.29 ± 0.37**	**1.06 ± 0.36**	**1.08 ± 0.34**	**1.02 ± 0.33**	**1.2 ± 0.34**
Bismuth-212	N/A	<1.0 ± 0.52	<1.0 ± 0.49	<1.3 ± 0.59	<0.76 ± 0.43	<1.1 ± 0.5	<1.1 ± 0.51	<1.0 ± 0.48
Bismuth-214	N/A	**0.9 ± 0.28**	**0.9 ± 0.24**	**1.14 ± 0.29**	**0.85 ± 0.23**	**0.83 ± 0.21**	**0.69 ± 0.22**	**0.6 ± 0.2**
Cesium-137	N/A	**0.221 ± 0.095**	<0.091 ± 0.053	<0.11 ± 0.056	<0.11 ± 0.052	<0.15 ± 0.067	**0.113 ± 0.064**	<0.14 ± 0.067
Cobalt-60	N/A	<0.072 ± 0.048	<0.099 ± 0.051	<0.12 ± 0.057	<0.12 ± 0.064	<0.11 ± 0.059	<0.1 ± 0.051	<0.11 ± 0.055
Lead-212	N/A	**1.22 ± 0.25**	**0.79 ± 0.19**	**1.23 ± 0.24**	**0.99 ± 0.19**	**0.84 ± 0.18**	**0.94 ± 0.21**	**1.12 ± 0.22**
Lead-214	N/A	**0.97 ± 0.22**	**1.06 ± 0.21**	**1.11 ± 0.21**	**0.75 ± 0.15**	**0.82 ± 0.18**	**0.72 ± 0.18**	**0.97 ± 0.18**
Potassium-40	N/A	**18.3 ± 3.6**	**17 ± 3.4**	**15.6 ± 3.4**	**14.1 ± 2.9**	**15.3 ± 3.1**	**16.7 ± 3.2**	**16.1 ± 3.2**
Radium-224	N/A	**2.3 ± 1.7**	**3.0 ± 2.1**	**3.7 ± 2.4**	**2.2 ± 1.5**	**2.8 ± 2**	**2.6 ± 1.8**	**3.4 ± 2.2**
Radium-226	N/A	<1.6 ± 01± 1	**1.4 ± 1.3**	<1.9 ± 01± 1	**2.4 ± 0.9**	<1.8 ± 0.89	<1.8 ± 0.94	**2.1 ± 1.1**
Thallium-208	N/A	**0.38 ± 0.12**	**0.38 ± 0.11**	**0.47 ± 0.13**	**0.34 ± 0.1**	**0.26 ± 0.1**	**0.34 ± 0.14**	**0.316 ± 0.098**
Thorium-234	N/A	<1.2 ± 0.73	<1.1 ± 0.57	<1.2 ± 0.67	<0.96 ± 0.52	<1.1 ± 0.6	<1.0 ± 0.55	**1.55 ± 0.6**
Uranium 235 and 236	N/A	<0.5 ± 0.27	<0.46 ± 0.25	<0.41 ± 0.24	<0.39 ± 0.21	<0.41 ± 0.23	<0.38 ± 0.21	<0.36 ± 0.2

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picocuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE
(Page 4 of 42)

Field Sample Identification		TS5-SS-40-0000	TS5-SS-41-0000	TS5-SS-42-0000	TS5-SS-42A-0000	TS5-SS-43-0000	TS5-SS-44-0000	TS5-SS-45-0000
Date Collected		10/1/2003	10/3/2003	10/3/2003	10/3/2003	10/3/2003	10/3/2003	10/1/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**							
Radionuclides/E901.1 (pCi/g)								
Actinium-228	6.61	**1.06 ± 0.32**	**1.0 ± 0.34**	**1.12 ± 0.34**	**1.13 ± 0.36**	**0.77 ± 0.29**	**1.06 ± 0.38**	**0.91 ± 0.34**
Bismuth-212	N/A	**0.94 ± 0.61**	<0.92 ± 0.46	<1.1 ± 0.51	<0.77 ± 0.51	<0.8 ± 0.39	<1.1 ± 0.52	<0.61 ± 0.43
Bismuth-214	N/A	**0.76 ± 0.25**	**0.69 ± 0.22**	**0.9 ± 0.27**	**0.76 ± 0.26**	**0.68 ± 0.19**	**0.84 ± 0.24**	**0.62 ± 0.2**
Cesium-137	N/A	<0.088 ± 0.054	**0.136 ± 0.07**	<0.095 ± 0.059	<0.17 ± 0.08	**0.153 ± 0.07**	<0.16 ± 0.072	<0.094 ± 0.046
Cobalt-60	N/A	<0.11 ± 0.05	<0.096 ± 0.051	<0.09 ± 0.062	<0.086 ± 0.049	<0.092 ± 0.048	<0.094 ± 0.042	<0.081 ± 0.055
Lead-212	N/A	**0.95 ± 0.21**	**1.01 ± 0.19**	**0.92 ± 0.21**	**0.86 ± 0.22**	**0.78 ± 0.17**	**0.91 ± 0.22**	**0.94 ± 0.18**
Lead-214	N/A	**0.91 ± 0.21**	**0.88 ± 0.17**	**1.01 ± 0.21**	**1.0 ± 0.23**	**0.84 ± 0.19**	**0.95 ± 0.21**	**0.79 ± 0.16**
Potassium-40	N/A	**12.8 ± 2.9**	**19 ± 3.7**	**15.5 ± 3.2**	**16.3 ± 3.6**	**15.7 ± 3**	**16.6 ± 3.4**	**16 ± 3.2**
Radium-224	N/A	**2.8 ± 2**	**2.1 ± 1.3**	**2.1 ± 1.6**	**2.9 ± 2**	**2.5 ± 1.7**	<2.1 ± 1.7	**1.19 ± 0.76**
Radium-226	N/A	<2.0 ± 0.997	**1.36 ± 0.94**	<1.8 ± 0.96	<1.9 ± 0.97	**1.46 ± 0.87**	**1.6 ± 1.3**	<1.1 ± 0.88
Thallium-208	N/A	**0.42 ± 0.12**	**0.34 ± 0.11**	**0.32 ± 0.12**	**0.39 ± 0.11**	**0.191 ± 0.075**	**0.47 ± 0.14**	**0.217 ± 0.089**
Thorium-234	N/A	<1.2 ± 0.67	<0.99 ± 0.41	<1.0 ± 0.62	<1.2 ± 0.65	**1.01 ± 0.73**	<1.1 ± 0.59	**1.1 ± 0.58**
Uranium 235 and 236	N/A	<0.46 ± 0.25	<0.4 ± 0.22	<0.4 ± 0.22	<0.38 ± 0.22	<0.33 ± 0.18	<0.44 ± 0.25	<0.38 ± 0.21

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picocuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE
(Page 5 of 42)

Field Sample Identification		TS5-SS-46-0000	TS5-SS-47-0000	TS5-SS-48-0000	TS5-SS-49-0000	TS5-SS-50-0000	TS5-SS-51-0000	TS5-SS-52-0000
Date Collected		10/1/2003	10/1/2003	10/1/2003	10/1/2003	10/3/2003	10/1/2003	10/1/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**							
Radionuclides/E901.1 (pCi/g)								
Actinium-228	6.61	**1.58 ± 0.49**	**1.59 ± 0.41**	**1.42 ± 0.44**	**1.67 ± 0.45**	**1.34 ± 0.43**	**1.17 ± 0.34**	**1.63 ± 0.41**
Bismuth-212	N/A	<1.0 ± 0.47	<0.98 ± 0.49	**1.22 ± 0.78**	<1.1 ± 0.56	<1.2 ± 0.58	<0.96 ± 0.45	**1.46 ± 0.61**
Bismuth-214	N/A	**0.73 ± 0.23**	**0.85 ± 0.21**	**0.73 ± 0.23**	**0.74 ± 0.22**	**1.09 ± 0.27**	**0.66 ± 0.24**	**0.87 ± 0.23**
Cesium-137	N/A	<0.13 ± 0.067	<0.11 ± 0.057	<0.17 ± 0.084	<0.11 ± 0.067	<0.14 ± 0.069	**0.197 ± 0.092**	**0.32 ± 0.1**
Cobalt-60	N/A	<0.13 ± 0.063	<0.11 ± 0.054	<0.12 ± 0.048	<0.1 ± 0.056	<0.12 ± 0.056	<0.085 ± 0.042	<0.1 ± 0.051
Lead-212	N/A	**0.96 ± 0.23**	**1.39 ± 0.27**	**1.22 ± 0.29**	**1.57 ± 0.27**	**1.09 ± 0.25**	**1.38 ± 0.26**	**1.68 ± 0.32**
Lead-214	N/A	**0.97 ± 0.19**	**0.89 ± 0.19**	**0.79 ± 0.2**	**0.86 ± 0.17**	**0.93 ± 0.21**	**0.85 ± 0.2**	**0.69 ± 0.17**
Potassium-40	N/A	**16 ± 3.3**	**15.5 ± 2.9**	**13.8 ± 3.2**	**16.6 ± 3.2**	**17.3 ± 3.5**	**15.7 ± 3.2**	**14.6 ± 2.9**
Radium-224	N/A	<2.0 ± 1.5	**2.9 ± 2**	**2.4 ± 1.9**	<1.4 ± 0.79	**3.1 ± 2.1**	**2.3 ± 1.5**	**3.4 ± 2.3**
Radium-226	N/A	<1.7 ± 0.89	<1.7 ± 0.88	<2.1 ± 1.1	<1.8 ± 0.97	<1.6 ± 1.2	<1.9 ± 01± 1	**1.7 ± 1.1**
Thallium-208	N/A	**0.4 ± 0.13**	**0.43 ± 0.13**	**0.56 ± 0.17**	**0.53 ± 0.14**	**0.36 ± 0.13**	**0.37 ± 0.13**	**0.61 ± 0.15**
Thorium-234	N/A	**1.37 ± 0.69**	<1.1 ± 0.7	<1.3 ± 0.69	**1.22 ± 0.69**	<1.2 ± 0.66	<1.1 ± 0.72	**1.16 ± 0.58**
Uranium 235 and 236	N/A	<0.44 ± 0.24	<0.38 ± 0.21	<0.5 ± 0.27	<0.43 ± 0.25	<0.48 ± 0.26	<0.42 ± 0.24	<0.41 ± 0.23

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picocuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE
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Field Sample Identification		TS5-SS-52A-0000	TS5-SS-53-0000	TS5-SS-54-0000	TS5-SS-55-0000	TS5-SS-56-0000	TS5-SS-57-0000	TS5-SS-58-0000
Date Collected		10/1/2003	10/1/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**							
Radionuclides/E901.1 (pCi/g)								
Actinium-228	6.61	**1.37 ± 0.42**	**0.95 ± 0.35**	**0.9 ± 0.36**	**1.06 ± 0.34**	**1.36 ± 0.35**	**1.14 ± 0.43**	**1.12 ± 0.37**
Bismuth-212	N/A	<1.3 ± 0.59	<1.0 ± 0.49	<0.87 ± 0.45	<1.1 ± 0.49	<1.0 ± 0.47	<0.71 ± 0.55	<0.62 ± 0.56
Bismuth-214	N/A	**0.7 ± 0.25**	**0.93 ± 0.27**	**0.83 ± 0.24**	**1.02 ± 0.27**	**0.8 ± 0.26**	**0.89 ± 0.24**	**0.55 ± 0.21**
Cesium-137	N/A	**0.3 ± 0.11**	<0.11 ± 0.057	<0.1 ± 0.054	<0.089 ± 0.054	<0.12 ± 0.058	<0.13 ± 0.062	<0.1 ± 0.056
Cobalt-60	N/A	<0.12 ± 0.058	<0.11 ± 0.059	<0.1 ± 0.056	<0.096 ± 0.048	<0.11 ± 0.058	<0.092 ± 0.047	<0.1 ± 0.059
Lead-212	N/A	**1.47 ± 0.29**	**1.2 ± 0.25**	**0.83 ± 0.18**	**0.82 ± 0.18**	**1.07 ± 0.23**	**1.2 ± 0.26**	**0.78 ± 0.18**
Lead-214	N/A	**0.92 ± 0.21**	**1.01 ± 0.22**	**0.64 ± 0.15**	**0.89 ± 0.19**	**0.98 ± 0.21**	**0.81 ± 0.21**	**0.78 ± 0.16**
Potassium-40	N/A	**14.5 ± 3.2**	**15.7 ± 3.3**	**15.6 ± 3**	**16.7 ± 3.4**	**15.6 ± 3.1**	**17.2 ± 3.4**	**15.2 ± 3.1**
Radium-224	N/A	**2.8 ± 2**	**2.2 ± 1.7**	**3.2 ± 2.2**	**2.2 ± 1.7**	**3.3 ± 2.2**	**2.9 ± 2**	**3.6 ± 2.4**
Radium-226	N/A	**2.3 ± 1.5**	<1.9 ± 01± 1	**1.46 ± 0.92**	<1.6 ± 0.86	<1.4 ± 01± 1	<2.1 ± 1.1	**1.6 ± 0.91**
Thallium-208	N/A	**0.51 ± 0.14**	**0.43 ± 0.13**	**0.32 ± 0.11**	**0.37 ± 0.12**	**0.33 ± 0.11**	**0.52 ± 0.14**	**0.31 ± 0.11**
Thorium-234	N/A	**1.36 ± 0.71**	<1.3 ± 0.67	**1.23 ± 0.59**	<1.2 ± 0.68	<1.1 ± 0.6	<1.2 ± 0.63	<0.96 ± 0.54
Uranium 235 and 236	N/A	<0.45 ± 0.25	<0.43 ± 0.25	<0.38 ± 0.21	<0.39 ± 0.21	<0.41 ± 0.22	<0.45 ± 0.25	<0.35 ± 0.2

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picocuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS5-SS-59-0000	TS5-SS-60-0000	TS5-SS-61-0000	TS5-SS-62-0000	TS5-SS-62A-0000	TS5-SS-63-0000	TS5-SS-64-0000
Date Collected		10/2/2003	10/3/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**							
Radionuclides/E901.1 (pCi/g)								
Actinium-228	6.61	**1.18 ± 0.33**	**1.62 ± 0.43**	**1.16 ± 0.36**	**2.93 ± 0.7**	**2.43 ± 0.59**	**2.59 ± 0.59**	**0.95 ± 0.41**
Bismuth-212	N/A	<0.94 ± 0.47	**0.82 ± 0.54**	<1.0 ± 0.52	**2.13 ± 0.88**	<1.3 ± 0.66	**1.62 ± 0.69**	<1.0 ± 0.46
Bismuth-214	N/A	**0.72 ± 0.24**	**0.74 ± 0.22**	**0.83 ± 0.27**	**0.8 ± 0.27**	**0.91 ± 0.26**	**0.71 ± 0.26**	**0.94 ± 0.25**
Cesium-137	N/A	<0.087 ± 0.048	**0.239 ± 0.087**	<0.1 ± 0.056	<0.12 ± 0.069	<0.1 ± 0.063	<0.11 ± 0.057	<0.13 ± 0.067
Cobalt-60	N/A	<0.12 ± 0.05	<0.096 ± 0.044	<0.094 ± 0.053	<0.15 ± 0.075	<0.12 ± 0.067	<0.14 ± 0.064	<0.11 ± 0.048
Lead-212	N/A	**0.92 ± 0.2**	**1.72 ± 0.3**	**1.33 ± 0.25 B**	**2.98 ± 0.52 B**	**2.17 ± 0.4**	**2.43 ± 0.43 B**	**1.06 ± 0.22 B**
Lead-214	N/A	**0.73 ± 0.19**	**0.83 ± 0.17**	**0.95 ± 0.2**	**1.0 ± 0.24**	**0.89 ± 0.19**	**1.02 ± 0.22**	**0.97 ± 0.21**
Potassium-40	N/A	**15.2 ± 3.3**	**16.3 ± 3.1**	**17.4 ± 3.3**	**14.8 ± 3.1**	**16.1 ± 3.3**	**12.7 ± 2.8**	**16.6 ± 3.4**
Radium-224	N/A	**2.2 ± 1.6**	**3.6 ± 2.3**	<2.3 ± 1.3	**3.1 ± 2**	**7.7 ± 4.7**	**2.8 ± 1.8**	**2.6 ± 1.9**
Radium-226	N/A	<1.4 ± 1.1	<1.6 ± 0.83	<2.0 ± 1.1	<2.0 ± 1.6	**2.4 ± 1.5**	**1.8 ± 1.7**	<2.0 ± 01± 1
Thallium-208	N/A	**0.32 ± 0.1**	**0.63 ± 0.15**	**0.48 ± 0.14**	**1.02 ± 0.24**	**0.89 ± 0.21**	**0.72 ± 0.18**	**0.39 ± 0.13**
Thorium-234	N/A	<1.1 ± 0.61	<1.1 ± 0.94	<1.2 ± 0.49	**2.52 ± 0.73**	**2.71 ± 0.72**	**1.73 ± 0.72**	**1.48 ± 0.74**
Uranium 235 and 236	N/A	<0.38 ± 0.21	<0.41 ± 0.22	<0.43 ± 0.26	<0.57 ± 0.31	<0.5 ± 0.28	<0.44 ± 0.24	<0.45 ± 0.26

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picocuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS5-SS-65-0000	TS5-SS-66-0000	TS5-SS-67-0000	TS5-SS-68-0000	TS5-SS-69-0000	TS5-SS-70-0000	TS5-SS-71-0000
Date Collected		10/2/2003	10/2/2003	10/2/2003	10/1/2003	10/1/2003	10/1/2003	10/1/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**							
Radionuclides/E901.1 (pCi/g)								
Actinium-228	6.61	**0.99 ± 0.32**	**0.99 ± 0.46**	**1.03 ± 0.36**	**1.23 ± 0.43**	**1.0 ± 0.34**	**0.75 ± 0.36**	**1.49 ± 0.38**
Bismuth-212	N/A	<1.0 ± 0.54	<1.2 ± 0.56	**0.66 ± 0.54**	<1.4 ± 0.65	<1.1 ± 0.52	<0.9 ± 0.44	<0.85 ± 0.41
Bismuth-214	N/A	**0.76 ± 0.23**	**0.82 ± 0.24**	**0.62 ± 0.21**	**0.79 ± 0.26**	**0.97 ± 0.24**	**0.64 ± 0.21**	**0.8 ± 0.22**
Cesium-137	N/A	<0.086 ± 0.052	<0.1 ± 0.051	<0.11 ± 0.053	<0.099 ± 0.05	<0.087 ± 0.055	<0.084 ± 0.04	<0.1 ± 0.06
Cobalt-60	N/A	<0.12 ± 0.059	<0.12 ± 0.051	<0.077 ± 0.05	<0.13 ± 0.058	<0.096 ± 0.06	<0.11 ± 0.056	<0.11 ± 0.055
Lead-212	N/A	**1.04 ± 0.2 B**	**0.78 ± 0.2 B**	**0.9 ± 0.18 B**	**1.22 ± 0.28 B**	**0.93 ± 0.23 B**	**0.83 ± 0.21 B**	**1.39 ± 0.27**
Lead-214	N/A	**0.83 ± 0.16**	**0.81 ± 0.21**	**0.71 ± 0.16**	**0.99 ± 0.23**	**0.83 ± 0.18**	**0.77 ± 0.18**	**0.93 ± 0.19**
Potassium-40	N/A	**15.5 ± 3.2**	**14.4 ± 3**	**14.8 ± 2.9**	**15.3 ± 3.5**	**17.8 ± 3.5**	**18 ± 3.5**	**13.7 ± 3**
Radium-224	N/A	<2.0 ± 1.3	<2.1 ± 1.7	**1.9 ± 1.4**	**2.4 ± 1.9**	**4.0 ± 2.6**	**2.6 ± 1.8**	**2.7 ± 1.9**
Radium-226	N/A	**1.4 ± 1.2**	**2.3 ± 01± 1**	**1.8 ± 0.84**	<2.1 ± 1.1	<1.7 ± 0.93	**1.9 ± 01± 1**	**1.43 ± 0.99**
Thallium-208	N/A	**0.32 ± 0.11**	**0.39 ± 0.12**	**0.3 ± 0.1**	**0.44 ± 0.14**	**0.38 ± 0.12**	**0.313 ± 0.097**	**0.52 ± 0.14**
Thorium-234	N/A	**1.71 ± 0.86**	<1.1 ± 0.61	<0.97 ± 0.57	<1.2 ± 0.67	**1.6 ± 1.3**	**1.34 ± 0.59**	<1.0 ± 0.55
Uranium 235 and 236	N/A	<0.38 ± 0.21	<0.42 ± 0.23	<0.34 ± 0.19	<0.45 ± 0.25	<0.41 ± 0.23	<0.35 ± 0.21	<0.37 ± 0.21

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picocuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS5-SS-72-0000	TS5-SS-72A-0000	TS5-SS-73-0000	TS5-SS-74-0000	TS5-SS-75-0000	TS5-SS-76-0000	TS5-SS-77-0000
Date Collected		10/1/2003	10/1/2003	10/1/2003	10/1/2003	10/1/2003	10/1/2003	10/1/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**							
Radionuclides/E901.1 (pCi/g)								
Actinium-228	6.61	**1.19 ± 0.39**	**1.53 ± 0.45**	**1.25 ± 0.35**	**1.1 ± 0.34**	**2.07 ± 0.51**	**1.72 ± 0.47**	**1.15 ± 0.38**
Bismuth-212	N/A	<0.85 ± 0.43	<0.74 ± 0.6	<0.96 ± 0.49	<0.96 ± 0.48	**1.62 ± 0.66**	<0.77 ± 0.67	<0.97 ± 0.45
Bismuth-214	N/A	**0.63 ± 0.23**	**0.74 ± 0.22**	**0.84 ± 0.25**	**1.05 ± 0.26**	**0.83 ± 0.25**	**0.92 ± 0.26**	**0.99 ± 0.28**
Cesium-137	N/A	<0.081 ± 0.045	<0.11 ± 0.06	<0.097 ± 0.051	<0.1 ± 0.052	<0.12 ± 0.062	<0.12 ± 0.064	<0.099 ± 0.047
Cobalt-60	N/A	<0.1 ± 0.046	<0.11 ± 0.058	<0.12 ± 0.05	<0.098 ± 0.049	<0.1 ± 0.051	<0.099 ± 0.062	<0.06 ± 0.044
Lead-212	N/A	**1.03 ± 0.21**	**1.72 ± 0.31**	**1.11 ± 0.25**	**0.81 ± 0.2**	**1.62 ± 0.34**	**1.75 ± 0.33**	**0.94 ± 0.2**
Lead-214	N/A	**0.71 ± 0.17**	**0.93 ± 0.18**	**0.83 ± 0.18**	**0.88 ± 0.18**	**0.88 ± 0.2**	**1.0 ± 0.2**	**0.81 ± 0.19**
Potassium-40	N/A	**15 ± 2.9**	**13.1 ± 2.8**	**14 ± 3**	**14.1 ± 3**	**17 ± 3.5**	**15.4 ± 3**	**16.2 ± 3.4**
Radium-224	N/A	**3.1 ± 2.1**	**5.9 ± 3.6**	**3.9 ± 2.5**	**4.0 ± 2.6**	**4.2 ± 2.8**	**4.7 ± 3**	<2.2 ± 1.6
Radium-226	N/A	**1.48 ± 0.99**	<1.4 ± 1.3	<1.9 ± 0.97	**1.66 ± 0.81**	<2.0 ± 1.1	**1.8 ± 1.4**	<2.0 ± 01± 1
Thallium-208	N/A	**0.43 ± 0.12**	**0.51 ± 0.14**	**0.45 ± 0.13**	**0.35 ± 0.12**	**0.6 ± 0.16**	**0.7 ± 0.17**	**0.33 ± 0.12**
Thorium-234	N/A	**1.32 ± 0.56**	**1.56 ± 0.65**	<1.3 ± 0.67	<0.99 ± 0.54	**1.79 ± 0.98**	**1.41 ± 0.73**	**1.29 ± 0.64**
Uranium 235 and 236	N/A	<0.37 ± 0.2	<0.4 ± 0.23	<0.41 ± 0.25	<0.36 ± 0.2	<0.49 ± 0.27	<0.43 ± 0.24	<0.46 ± 0.25

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picocuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS5-SS-78-0000	TS5-SS-79-0000	TS5-SS-80-0000	TS5-SS-81-0000	TS5-SS-82-0000	TS5-SS-82A-0000	TS5-SS-83-0000
Date Collected		10/1/2003	10/1/2003	10/1/2003	10/1/2003	10/1/2003	10/1/2003	10/1/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**							
Radionuclides/E901.1 (pCi/g)								
Actinium-228	6.61	**1.22 ± 0.41**	**1.23 ± 0.36**	**1.16 ± 0.37**	**1.67 ± 0.42**	**0.97 ± 0.42**	**1.04 ± 0.4**	**0.88 ± 0.28**
Bismuth-212	N/A	<0.73 ± 0.62	<1.1 ± 0.54	<1.0 ± 0.48	**1.06 ± 0.58**	<1.2 ± 0.62	**0.95 ± 0.6**	<0.99 ± 0.48
Bismuth-214	N/A	**0.81 ± 0.21**	**1.05 ± 0.28**	**0.77 ± 0.22**	**0.73 ± 0.2**	**0.83 ± 0.25**	**0.91 ± 0.24**	**0.97 ± 0.25**
Cesium-137	N/A	<0.11 ± 0.058	<0.14 ± 0.066	<0.1 ± 0.049	**0.178 ± 0.08**	<0.12 ± 0.058	<0.11 ± 0.056	<0.1 ± 0.055
Cobalt-60	N/A	<0.09 ± 0.049	<0.09 ± 0.049	<0.099 ± 0.046	<0.093 ± 0.045	<0.12 ± 0.063	<0.1 ± 0.065	<0.12 ± 0.066
Lead-212	N/A	**1.2 ± 0.23**	**1.19 ± 0.26**	**1.24 ± 0.24**	**1.45 ± 0.28**	**0.88 ± 0.19**	**1.04 ± 0.21**	**0.8 ± 0.16**
Lead-214	N/A	**1.02 ± 0.19**	**0.86 ± 0.2**	**0.87 ± 0.17**	**0.84 ± 0.19**	**0.92 ± 0.2**	**0.79 ± 0.18**	**0.87 ± 0.16**
Potassium-40	N/A	**16.7 ± 3.4**	**15.5 ± 3.1**	**12.9 ± 2.7**	**13.5 ± 2.7**	**15.9 ± 3.4**	**16.2 ± 3.4**	**16.9 ± 3.3**
Radium-224	N/A	**4.9 ± 3**	**3.1 ± 2.2**	**2.9 ± 1.9**	**3.8 ± 2.4**	<2.1 ± 1.6	**2.7 ± 1.9**	<1.9 ± 1.2
Radium-226	N/A	<1.6 ± 0.85	**2.7 ± 1.8**	<1.6 ± 0.86	<1.5 ± 0.8	<2.0 ± 01± 1	**2.3 ± 01± 1**	**1.4 ± 1.1**
Thallium-208	N/A	**0.4 ± 0.12**	**0.41 ± 0.14**	**0.45 ± 0.12**	**0.48 ± 0.14**	**0.38 ± 0.12**	**0.3 ± 0.13**	**0.333 ± 0.099**
Thorium-234	N/A	**1.66 ± 0.66**	**1.19 ± 0.81**	<1.0 ± 0.62	<0.98 ± 0.58	<1.2 ± 0.63	<1.1 ± 0.58	**1.34 ± 0.6**
Uranium 235 and 236	N/A	<0.37 ± 0.22	<0.44 ± 0.23	<0.41 ± 0.22	<0.37 ± 0.2	<0.43 ± 0.25	<0.4 ± 0.21	<0.4 ± 0.22

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picocuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS5-SS-84-0000	TS5-SS-85-0000	TS5-SS-86-0000	TS5-SS-87-0000	TS5-SS-88-0000	TS5-SS-89-0000	TS5-SS-90-0000
Date Collected		10/1/2003	10/3/2003	10/1/2003	10/1/2003	10/1/2003	10/1/2003	10/3/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**							
Radionuclides/E901.1 (pCi/g)								
Actinium-228	6.61	**1.17 ± 0.41**	**1.29 ± 0.34**	**0.94 ± 0.32**	**1.19 ± 0.4**	**1.29 ± 0.36**	**0.73 ± 0.28**	**1.13 ± 0.41**
Bismuth-212	N/A	**0.82 ± 0.63**	<0.66 ± 0.47	<1.1 ± 0.54	**0.86 ± 0.58**	<0.79 ± 0.54	<0.83 ± 0.5	<0.88 ± 0.43
Bismuth-214	N/A	**1.02 ± 0.26**	**0.65 ± 0.23**	**0.98 ± 0.29**	**0.77 ± 0.23**	**0.74 ± 0.21**	**0.76 ± 0.23**	**0.85 ± 0.21**
Cesium-137	N/A	<0.14 ± 0.067	<0.11 ± 0.054	<0.11 ± 0.055	<0.11 ± 0.057	<0.12 ± 0.062	<0.097 ± 0.061	<0.11 ± 0.054
Cobalt-60	N/A	<0.12 ± 0.064	<0.12 ± 0.05	<0.1 ± 0.068	<0.11 ± 0.046	<0.11 ± 0.06	<0.11 ± 0.056	<0.1 ± 0.057
Lead-212	N/A	**1.13 ± 0.24**	**1.06 ± 0.22**	**0.89 ± 0.21**	**1.17 ± 0.23**	**1.23 ± 0.26**	**0.8 ± 0.2**	**0.95 ± 0.2**
Lead-214	N/A	**0.84 ± 0.19**	**0.94 ± 0.2**	**0.8 ± 0.2**	**0.81 ± 0.19**	**0.88 ± 0.18**	**0.81 ± 0.2**	**0.84 ± 0.16**
Potassium-40	N/A	**18.3 ± 3.5**	**12.7 ± 2.8**	**16.8 ± 3.5**	**15.6 ± 3.3**	**15.6 ± 3**	**16.2 ± 3.2**	**14.8 ± 3.2**
Radium-224	N/A	**2.4 ± 1.8**	**2.6 ± 1.8**	**2.9 ± 2**	**2.7 ± 1.8**	**3.6 ± 2.3**	**2.2 ± 1.7**	**3.7 ± 2.4**
Radium-226	N/A	**2.1 ± 1.4**	<1.6 ± 0.88	<2.0 ± 01± 1	<1.4 ± 0.86	**1.7 ± 1.1**	**1.4 ± 1.4**	<1.6 ± 0.87
Thallium-208	N/A	**0.32 ± 0.12**	**0.41 ± 0.12**	**0.35 ± 0.12**	**0.46 ± 0.14**	**0.42 ± 0.11**	**0.33 ± 0.12**	**0.36 ± 0.11**
Thorium-234	N/A	<1.1 ± 0.6	<1.0 ± 0.55	<1.2 ± 0.63	**1.38 ± 0.79**	**1.75 ± 0.74**	**1.43 ± 0.66**	**1.32 ± 0.59**
Uranium 235 and 236	N/A	<0.4 ± 0.23	<0.38 ± 0.21	<0.41 ± 0.23	<0.4 ± 0.22	<0.36 ± 0.2	<0.37 ± 0.21	<0.39 ± 0.22

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picocuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS5-SS-91-0000	TS5-SS-92-0000	TS5-SS-92A-0000	TS5-SS-93-0000	TS5-SS-94-0000	TS5-SS-95-0000	TS5-SS-96-0000
Date Collected		10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**							
Radionuclides/E901.1 (pCi/g)								
Actinium-228	6.61	**1.17 ± 0.38**	**1.02 ± 0.37**	**1.29 ± 0.35**	**0.97 ± 0.33**	**1.1 ± 0.38**	**0.72 ± 0.28**	**1.16 ± 0.4**
Bismuth-212	N/A	<1.2 ± 0.55	<0.97 ± 0.48	<1.0 ± 0.5	<1.1 ± 0.53	<1.0 ± 0.51	<1.0 ± 0.5	<0.76 ± 0.45
Bismuth-214	N/A	**0.97 ± 0.24**	**0.88 ± 0.25**	**0.89 ± 0.26**	**0.96 ± 0.27**	**0.87 ± 0.24**	**0.93 ± 0.25**	**1.09 ± 0.27**
Cesium-137	N/A	**0.33 ± 0.13**	**0.192 ± 0.09**	**0.234 ± 0.091**	<0.12 ± 0.057	<0.13 ± 0.065	<0.12 ± 0.054	**0.15 ± 0.1**
Cobalt-60	N/A	<0.13 ± 0.064	<0.13 ± 0.063	<0.12 ± 0.052	<0.092 ± 0.053	<0.13 ± 0.059	<0.09 ± 0.05	<0.13 ± 0.061
Lead-212	N/A	**1.24 ± 0.25**	**1.41 ± 0.21**	**1.15 ± 0.25**	**0.79 ± 0.2**	**1.29 ± 0.26**	**0.93 ± 0.22**	**1.04 ± 0.2**
Lead-214	N/A	**1.06 ± 0.21**	**1.03 ± 0.16**	**1.04 ± 0.22**	**1.02 ± 0.23**	**0.83 ± 0.19**	**0.85 ± 0.21**	**1.02 ± 0.2**
Potassium-40	N/A	**17.4 ± 3.6**	**18.1 ± 3.2**	**17.9 ± 3.4**	**17.7 ± 3.5**	**15.6 ± 3.2**	**15.3 ± 3.1**	**17.6 ± 3.5**
Radium-224	N/A	**2.3 ± 1.7**	<1.3 ± 0.81	**3.3 ± 2.2**	<2.0 ± 1.5	**3.2 ± 2.2**	**2.6 ± 1.9**	<1.2 ± 0.8
Radium-226	N/A	**2.1 ± 1.6**	**2.1 ± 1.3**	<1.8 ± 0.92	**1.7 ± 01± 1**	**1.5 ± 1.5**	<1.8 ± 0.92	<1.6 ± 0.88
Thallium-208	N/A	**0.45 ± 0.14**	**0.44 ± 0.13**	**0.46 ± 0.13**	**0.25 ± 0.11**	**0.48 ± 0.14**	**0.38 ± 0.13**	**0.39 ± 0.12**
Thorium-234	N/A	**1.51 ± 0.72**	**1.12 ± 0.61**	<1.1 ± 0.61	<1.2 ± 0.61	**1.32 ± 0.65**	**1.15 ± 0.6**	**1.41 ± 0.49**
Uranium 235 and 236	N/A	<0.44 ± 0.25	<0.41 ± 0.22	<0.41 ± 0.23	<0.45 ± 0.24	<0.4 ± 0.22	<0.41 ± 0.24	<0.37 ± 0.21

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picocuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE
(Page 13 of 42)

Field Sample Identification		TS5-SS-97-0000	TS5-SS-98-0000	TS5-SS-99-0000	TS5-SS-100-0000	TS5-SS-101-0000	TS5-SS-102-0000
Date Collected		10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**1.28 ± 0.38**	**0.96 ± 0.39**	**0.99 ± 0.36**	**0.82 ± 0.35**	**1.39 ± 0.44**	**0.92 ± 0.32**
Bismuth-212	N/A	<1.2 ± 0.57	**1.64 ± 0.65**	<0.97 ± 0.47	<0.86 ± 0.44	<1.0 ± 0.49	<1.0 ± 0.51
Bismuth-214	N/A	**0.85 ± 0.24**	**1.09 ± 0.24**	**0.78 ± 0.21**	**0.71 ± 0.19**	**1.01 ± 0.28**	**0.75 ± 0.22**
Cesium-137	N/A	**0.121 ± 0.069**	<0.093 ± 0.049	<0.1 ± 0.055	<0.13 ± 0.064	<0.09 ± 0.052	<0.097 ± 0.054
Cobalt-60	N/A	<0.12 ± 0.062	<0.11 ± 0.049	<0.12 ± 0.056	<0.1 ± 0.05	<0.1 ± 0.059	<0.12 ± 0.056
Lead-212	N/A	**1.22 ± 0.24**	**1.12 ± 0.24**	**0.53 ± 0.17**	**0.73 ± 0.17**	**1.19 ± 0.23**	**1.03 ± 0.22**
Lead-214	N/A	**0.99 ± 0.19**	**0.81 ± 0.18**	**0.78 ± 0.18**	**0.89 ± 0.18**	**0.96 ± 0.2**	**0.89 ± 0.2**
Potassium-40	N/A	**16.8 ± 3.3**	**15.3 ± 3**	**14.8 ± 3**	**15.1 ± 3.4**	**17 ± 3.4**	**14.1 ± 2.9**
Radium-224	N/A	**2.4 ± 1.6**	**3.4 ± 2.2**	**2.3 ± 1.7**	**3.5 ± 2.2**	<1.4 ± 0.87	**3.0 ± 2**
Radium-226	N/A	<1.7 ± 0.87	<1.3 ± 1.2	**2.4 ± 1.3**	<1.2 ± 0.88	**2.4 ± 1.2**	**3.3 ± 1.4**
Thallium-208	N/A	**0.48 ± 0.14**	**0.36 ± 0.11**	**0.261 ± 0.09**	**0.27 ± 0.12**	**0.45 ± 0.12**	**0.311 ± 0.099**
Thorium-234	N/A	<1.1 ± 0.6	<1.1 ± 0.6	<1.1 ± 0.59	<0.97 ± 0.52	**1.58 ± 0.5**	<1.0 ± 0.56
Uranium 235 and 236	N/A	<0.42 ± 0.24	<0.34 ± 0.2	<0.4 ± 0.23	<0.36 ± 0.2	<0.44 ± 0.24	<0.34 ± 0.19

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picocuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS5-SS-102A-0000	TS5-SS-103-0000	TS5-SS-104-0000	TS5-SS-105-0000	TS5-SS-106-0000	TS5-SS-107-0000
Date Collected		10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	RO						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**1.2 ± 0.32**	**1.72 ± 0.45**	**1.21 ± 0.36**	**1.17 ± 0.46**	**1.37 ± 0.36**	**1.0 ± 0.49**
Bismuth-212	N/A	<0.91 ± 0.42	<1.3 ± 0.59	**1.26 ± 0.58**	<1.1 ± 0.53	**0.82 ± 0.51**	<0.88 ± 0.42
Bismuth-214	N/A	**0.8 ± 0.24**	**0.93 ± 0.26**	**0.78 ± 0.25**	**0.98 ± 0.28**	**0.62 ± 0.18**	**0.88 ± 0.25**
Cesium-137	N/A	<0.096 ± 0.056	<0.11 ± 0.062	<0.13 ± 0.067	<0.11 ± 0.057	<0.096 ± 0.05	<0.13 ± 0.056
Cobalt-60	N/A	<0.11 ± 0.049	<0.1 ± 0.047	<0.12 ± 0.063	<0.083 ± 0.056	<0.11 ± 0.049	<0.13 ± 0.057
Lead-212	N/A	**1.05 ± 0.2**	**1.45 ± 0.29**	**1.26 ± 0.26**	**1.12 ± 0.22**	**1.26 ± 0.25**	**0.65 ± 0.2**
Lead-214	N/A	**0.94 ± 0.17**	**0.91 ± 0.21**	**0.9 ± 0.2**	**1.09 ± 0.23**	**0.81 ± 0.17**	**0.83 ± 0.19**
Potassium-40	N/A	**14.6 ± 3.1**	**13.6 ± 3**	**17.8 ± 3.4**	**16.4 ± 3.3**	**13.1 ± 2.6**	**14.3 ± 3**
Radium-224	N/A	**2.7 ± 1.8**	**3.6 ± 2.5**	**5.2 ± 3.3**	**3.6 ± 2.3**	**2.7 ± 1.9**	**2.2 ± 1.7**
Radium-226	N/A	<1.5 ± 0.79	<2.0 ± 01± 1	**1.6 ± 1.2**	<1.9 ± 0.99	**1.36 ± 0.99**	<1.8 ± 0.93
Thallium-208	N/A	**0.338 ± 0.0999**	**0.49 ± 0.15**	**0.47 ± 0.14**	**0.39 ± 0.12**	**0.41 ± 0.12**	**0.38 ± 0.11**
Thorium-234	N/A	**1.32 ± 0.61**	<1.3 ± 0.68	**1.5 ± 0.65**	**1.36 ± 0.64**	**1.14 ± 0.44**	<1.1 ± 0.56
Uranium 235 and 236	N/A	<0.39 ± 0.21	<0.49 ± 0.28	<0.4 ± 0.23	<0.46 ± 0.25	<0.34 ± 0.18	<0.4 ± 0.23

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picocuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS5-SS-108-0000	TS5-SS-109-0000	TS5-SS-110-0000	TS5-SS-111-0000	TS5-SS-112-0000	TS5-SS-112A-0000
Date Collected		10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**2.65 ± 0.63**	**1.0 ± 0.38**	**0.75 ± 0.32**	**1.11 ± 0.35**	**1.16 ± 0.39**	**1.27 ± 0.39**
Bismuth-212	N/A	**2.16 ± 0.72**	<0.9 ± 0.43	**0.77 ± 0.47**	<0.87 ± 0.54	<0.99 ± 0.52	<1.2 ± 0.58
Bismuth-214	N/A	**0.99 ± 0.29**	**0.71 ± 0.22**	**0.83 ± 0.24**	**0.82 ± 0.29**	**1.07 ± 0.28**	**1.04 ± 0.27**
Cesium-137	N/A	<0.15 ± 0.079	<0.1 ± 0.05	<0.1 ± 0.05	<0.1 ± 0.058	<0.09 ± 0.068	<0.087 ± 0.05
Cobalt-60	N/A	<0.094 ± 0.055	<0.097 ± 0.053	<0.11 ± 0.048	<0.072 ± 0.045	<0.11 ± 0.064	<0.15 ± 0.073
Lead-212	N/A	**2.39 ± 0.4**	**0.68 ± 0.18**	**0.85 ± 0.19**	**1.07 ± 0.24**	**1.29 ± 0.25**	**1.22 ± 0.27**
Lead-214	N/A	**0.79 ± 0.17**	**0.73 ± 0.18**	**0.99 ± 0.2**	**1.03 ± 0.23**	**0.81 ± 0.18**	**0.92 ± 0.22**
Potassium-40	N/A	**17.6 ± 3.6**	**15.7 ± 3.1**	**12.2 ± 2.6**	**14.3 ± 3.2**	**15.4 ± 3.1**	**13 ± 3**
Radium-224	N/A	**4.1 ± 2.6**	**2.8 ± 1.9**	**3.0 ± 2**	**3.0 ± 2**	**5.3 ± 3.3**	**3.3 ± 2.3**
Radium-226	N/A	**2.0 ± 1.4**	<1.6 ± 0.87	<1.5 ± 0.78	<1.9 ± 0.95	**2.3 ± 01± 1**	<1.5 ± 1.3
Thallium-208	N/A	**0.88 ± 0.21**	**0.35 ± 0.1**	**0.35 ± 0.11**	**0.42 ± 0.13**	**0.42 ± 0.12**	**0.49 ± 0.14**
Thorium-234	N/A	<1.2 ± 0.77	<0.99 ± 0.55	<0.97 ± 0.56	<1.2 ± 0.69	<1.1 ± 0.62	**1.78 ± 0.72**
Uranium 235 and 236	N/A	<0.45 ± 0.26	<0.36 ± 0.2	<0.37 ± 0.2	<0.49 ± 0.26	<0.43 ± 0.24	<0.46 ± 0.27

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picocuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS5-SS-113-0000	TS5-SS-114-0000	TS5-SS-115-0000	TS5-SS-116-0000	TS5-SS-117-0000	TS5-SS-118-0000
Date Collected		10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	RO						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**1.09 ± 0.36**	**1.05 ± 0.32**	**2.07 ± 0.54**	**1.36 ± 0.45**	**3.02 ± 0.72**	**1.23 ± 0.4**
Bismuth-212	N/A	<1.0 ± 0.5	<0.85 ± 0.43	**1.68 ± 0.74**	<0.96 ± 0.49	**1.98 ± 0.99**	<0.94 ± 0.48
Bismuth-214	N/A	**0.75 ± 0.23**	**0.87 ± 0.23**	**0.86 ± 0.25**	**0.74 ± 0.26**	**1.47 ± 0.38**	**0.96 ± 0.25**
Cesium-137	N/A	<0.082 ± 0.048	<0.092 ± 0.05	<0.12 ± 0.066	<0.1 ± 0.055	<0.15 ± 0.08	<0.11 ± 0.058
Cobalt-60	N/A	<0.12 ± 0.059	<0.12 ± 0.053	<0.098 ± 0.052	<0.12 ± 0.059	<0.14 ± 0.074	<0.14 ± 0.066
Lead-212	N/A	**0.87 ± 0.18**	**0.85 ± 0.2**	**2.02 ± 0.39**	**1.21 ± 0.25**	**3.55 ± 0.61**	**1.42 ± 0.27**
Lead-214	N/A	**0.75 ± 0.17**	**0.87 ± 0.2**	**1.07 ± 0.25**	**0.86 ± 0.18**	**1.41 ± 0.3**	**1.15 ± 0.21**
Potassium-40	N/A	**14.4 ± 3.1**	**14.8 ± 2.9**	**14.5 ± 3.1**	**13.1 ± 2.8**	**16.2 ± 3.4**	**13.2 ± 3**
Radium-224	N/A	<1.8 ± 1.2	**2.1 ± 1.6**	**3.3 ± 2.4**	**4.8 ± 3**	**6.2 ± 4**	**3.6 ± 2.4**
Radium-226	N/A	**1.9 ± 1.4**	<1.7 ± 0.88	<2.2 ± 1.1	<1.7 ± 0.89	**3.5 ± 1.7**	**1.64 ± 0.98**
Thallium-208	N/A	**0.292 ± 0.094**	**0.303 ± 0.095**	**0.69 ± 0.19**	**0.33 ± 0.12**	**1.2 ± 0.27**	**0.44 ± 0.12**
Thorium-234	N/A	<1.0 ± 0.6	<0.99 ± 0.59	**1.62 ± 0.8**	<1.1 ± 0.68	**3.39 ± 0.88**	**1.21 ± 0.7**
Uranium 235 and 236	N/A	<0.35 ± 0.2	<0.35 ± 0.2	<0.59 ± 0.32	<0.42 ± 0.23	<0.54 ± 0.31	<0.4 ± 0.23

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picocuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS5-SS-119-0000	TS5-SS-120-0000	TS5-SS-121-0000	TS5-SS-122-0000	TS5-SS-122A-0000	TS5-SS-123-0000
Date Collected		10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**1.47 ± 0.42**	**1.14 ± 0.36**	**0.94 ± 0.29**	**1.13 ± 0.37**	**0.96 ± 0.33**	**0.86 ± 0.34**
Bismuth-212	N/A	<1.3 ± 0.62	<1.1 ± 0.56	**1.16 ± 0.52**	**0.79 ± 0.51**	<0.92 ± 0.46	<0.81 ± 0.4
Bismuth-214	N/A	**0.79 ± 0.27**	**0.69 ± 0.23**	**0.74 ± 0.22**	**0.91 ± 0.26**	**0.87 ± 0.24**	**0.89 ± 0.22**
Cesium-137	N/A	<0.1 ± 0.053	<0.11 ± 0.057	<0.084 ± 0.043	**0.59 ± 0.14**	<0.087 ± 0.053	<0.089 ± 0.049
Cobalt-60	N/A	<0.12 ± 0.052	<0.11 ± 0.062	<0.11 ± 0.053	<0.11 ± 0.051	<0.086 ± 0.047	<0.11 ± 0.061
Lead-212	N/A	**1.33 ± 0.3**	**1.25 ± 0.26**	**0.85 ± 0.19**	**0.86 ± 0.21**	**0.77 ± 0.19**	**0.77 ± 0.19**
Lead-214	N/A	**0.89 ± 0.22**	**0.87 ± 0.19**	**0.81 ± 0.17**	**0.96 ± 0.21**	**0.9 ± 0.19**	**0.79 ± 0.18**
Potassium-40	N/A	**14.3 ± 3.2**	**14.7 ± 2.9**	**15.1 ± 2.9**	**16.1 ± 3.4**	**15.2 ± 3.2**	**17.2 ± 3.2**
Radium-224	N/A	**2.9 ± 2.2**	**4.1 ± 2.7**	**2.6 ± 1.8**	<2.0 ± 1.3	**3.5 ± 2.3**	**2.5 ± 1.8**
Radium-226	N/A	<1.8 ± 0.98	**1.6 ± 1.1**	**1.9 ± 1.2**	<1.8 ± 0.93	**1.6 ± 1.1**	<1.3 ± 0.99
Thallium-208	N/A	**0.63 ± 0.16**	**0.54 ± 0.15**	**0.31 ± 0.1**	**0.4 ± 0.12**	**0.41 ± 0.11**	**0.298 ± 0.09**
Thorium-234	N/A	<1.3 ± 0.75	**2.0 ± 0.82**	**1.78 ± 0.6**	**1.27 ± 0.68**	<1.0 ± 0.61	<0.96 ± 0.53
Uranium 235 and 236	N/A	<0.46 ± 0.27	<0.41 ± 0.23	<0.36 ± 0.19	<0.47 ± 0.26	<0.4 ± 0.22	<0.35 ± 0.19

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picocuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS5-SS-124-0000	TS5-SS-125-0000	TS5-SS-126-0000	TS5-SS-127-0000	TS5-SS-128-0000	TS5-SS-129-0000
Date Collected		10/3/2003	10/3/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**0.83 ± 0.31**	**1.84 ± 0.47**	**1.78 ± 0.47**	**0.97 ± 0.34**	**1.19 ± 0.35**	**1.49 ± 0.38**
Bismuth-212	N/A	<0.95 ± 0.46	**1.09 ± 0.54**	<1.2 ± 0.59	<0.65 ± 0.6	<1.0 ± 0.48	**0.79 ± 0.47**
Bismuth-214	N/A	**0.71 ± 0.21**	**0.8 ± 0.24**	**0.92 ± 0.25**	**0.74 ± 0.21**	**0.84 ± 0.24**	**0.94 ± 0.25**
Cesium-137	N/A	**0.22 ± 0.11**	**0.153 ± 0.074**	<0.12 ± 0.064	<0.09 ± 0.046	<0.076 ± 0.054	<0.09 ± 0.056
Cobalt-60	N/A	<0.087 ± 0.045	<0.11 ± 0.058	<0.12 ± 0.052	<0.11 ± 0.052	<0.11 ± 0.054	<0.083 ± 0.041
Lead-212	N/A	**1.0 ± 0.2**	**1.76 ± 0.33**	**1.46 ± 0.29**	**0.96 ± 0.22**	**0.82 ± 0.2**	**1.31 ± 0.24**
Lead-214	N/A	**0.81 ± 0.17**	**0.81 ± 0.2**	**0.78 ± 0.19**	**0.79 ± 0.18**	**0.86 ± 0.19**	**0.8 ± 0.16**
Potassium-40	N/A	**13.4 ± 2.9**	**15.1 ± 3**	**14.4 ± 3.1**	**15.6 ± 3.2**	**12.3 ± 2.8**	**15.9 ± 3.1**
Radium-224	N/A	**2.8 ± 1.9**	**2.8 ± 1.9**	<2.0 ± 1.6	**3.3 ± 2.2**	**2.5 ± 1.8**	<1.8 ± 1.1
Radium-226	N/A	<1.6 ± 0.82	**2.5 ± 1.1**	<2.0 ± 01± 1	**1.7 ± 1.2**	<1.7 ± 0.89	<1.2 ± 1.1
Thallium-208	N/A	**0.28 ± 0.1**	**0.67 ± 0.15**	**0.43 ± 0.13**	**0.32 ± 0.11**	**0.38 ± 0.12**	**0.45 ± 0.12**
Thorium-234	N/A	<1.0 ± 0.55	<1.1 ± 0.62	**1.72 ± 0.72**	<1.0 ± 0.69	**1.19 ± 0.6**	**1.34 ± 0.6**
Uranium 235 and 236	N/A	<0.39 ± 0.21	<0.38 ± 0.22	<0.45 ± 0.24	<0.37 ± 0.2	<0.39 ± 0.21	<0.35 ± 0.2

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picocuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS5-SS-130-0000	TS5-SS-131-0000	TS5-SS-132-0000	TS5-SS-132A-0000	TS5-SS-133-0000	TS5-SS-134-0000
Date Collected		10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/3/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**0.74 ± 0.32**	**1.13 ± 0.33**	**1.0 ± 0.33**	**0.84 ± 0.28**	**1.24 ± 0.33**	**1.14 ± 0.4**
Bismuth-212	N/A	<0.94 ± 0.44	<1.2 ± 0.53	<1.1 ± 0.53	<0.95 ± 0.47	<0.92 ± 0.45	<0.95 ± 0.5
Bismuth-214	N/A	**0.73 ± 0.24**	**0.96 ± 0.27**	**0.92 ± 0.22**	**0.63 ± 0.22**	**0.97 ± 0.24**	**1.01 ± 0.27**
Cesium-137	N/A	<0.086 ± 0.042	**0.142 ± 0.088**	**0.122 ± 0.088**	<0.095 ± 0.059	**0.093 ± 0.073**	<0.14 ± 0.068
Cobalt-60	N/A	<0.1 ± 0.054	<0.11 ± 0.059	<0.073 ± 0.051	<0.11 ± 0.051	<0.09 ± 0.051	<0.097 ± 0.047
Lead-212	N/A	**0.82 ± 0.2**	**0.98 ± 0.22**	**1.04 ± 0.2**	**0.82 ± 0.21**	**0.9 ± 0.2**	**0.93 ± 0.21**
Lead-214	N/A	**0.89 ± 0.2**	**0.95 ± 0.2**	**0.98 ± 0.18**	**0.96 ± 0.19**	**0.9 ± 0.18**	**0.91 ± 0.2**
Potassium-40	N/A	**15.7 ± 3.2**	**17.7 ± 3.5**	**17.4 ± 3.4**	**17.9 ± 3.3**	**16.8 ± 3.2**	**18.2 ± 3.6**
Radium-224	N/A	<2.0 ± 1.6	**3.9 ± 2.5**	**4.2 ± 2.6**	**2.1 ± 1.6**	**2.8 ± 1.9**	<2.0 ± 1.6
Radium-226	N/A	<2.0 ± 01± 1	<1.8 ± 0.94	<1.6 ± 0.85	**2.4 ± 1.3**	<1.4 ± 0.76	**1.99 ± 0.96**
Thallium-208	N/A	**0.289 ± 0.094**	**0.38 ± 0.14**	**0.3 ± 0.11**	**0.254 ± 0.094**	**0.27 ± 0.11**	**0.33 ± 0.11**
Thorium-234	N/A	<1.1 ± 0.63	<1.2 ± 0.68	**1.53 ± 0.85**	<1.0 ± 0.64	**1.04 ± 0.58**	<1.1 ± 0.57
Uranium 235 and 236	N/A	<0.44 ± 0.23	<0.44 ± 0.26	<0.39 ± 0.23	<0.37 ± 0.2	<0.32 ± 0.19	<0.44 ± 0.24

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picocuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE
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Field Sample Identification		TS5-SS-135-0000	TS5-SS-136-0000	TS5-SS-137-0000	TS5-SS-138-0000	TS5-SS-139-0000	TS5-SS-140-0000
Date Collected		10/3/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**0.75 ± 0.3**	**0.85 ± 0.33**	**1.12 ± 0.33**	**0.62 ± 0.3**	**1.27 ± 0.4**	**1.22 ± 0.38**
Bismuth-212	N/A	<0.61 ± 0.49	<0.87 ± 0.43	<0.99 ± 0.47	<0.94 ± 0.49	<1.1 ± 0.53	<1.1 ± 0.54
Bismuth-214	N/A	**0.67 ± 0.2**	**0.55 ± 0.24**	**0.88 ± 0.23**	**0.92 ± 0.27**	**1.0 ± 0.25**	**0.89 ± 0.25**
Cesium-137	N/A	<0.11 ± 0.055	<0.094 ± 0.046	<0.11 ± 0.052	<0.12 ± 0.065	**0.148 ± 0.099**	<0.14 ± 0.072
Cobalt-60	N/A	<0.12 ± 0.054	<0.081 ± 0.038	<0.11 ± 0.048	<0.1 ± 0.056	<0.12 ± 0.061	<0.11 ± 0.059
Lead-212	N/A	**0.85 ± 0.17**	**0.67 ± 0.16**	**1.03 ± 0.22**	**0.95 ± 0.21**	**1.42 ± 0.26**	**0.88 ± 0.23**
Lead-214	N/A	**0.88 ± 0.17**	**0.68 ± 0.15**	**0.93 ± 0.19**	**0.79 ± 0.19**	**1.11 ± 0.2**	**1.1 ± 0.22**
Potassium-40	N/A	**17.4 ± 3.3**	**18.3 ± 3.4**	**14.7 ± 3**	**14.3 ± 3.1**	**17.6 ± 3.4**	**15.3 ± 3.1**
Radium-224	N/A	**2.1 ± 1.3**	**2.0 ± 1.5**	**2.8 ± 1.9**	**2.2 ± 1.7**	**2.6 ± 1.7**	**2.6 ± 1.9**
Radium-226	N/A	**1.62 ± 0.86**	**1.22 ± 0.78**	**2.3 ± 1.4**	<1.9 ± 0.98	**1.5 ± 1.2**	**1.5 ± 1.2**
Thallium-208	N/A	**0.4 ± 0.1**	**0.184 ± 0.092**	**0.42 ± 0.12**	**0.38 ± 0.12**	**0.39 ± 0.12**	**0.45 ± 0.12**
Thorium-234	N/A	<0.92 ± 0.61	<0.84 ± 0.5	<1.0 ± 0.54	**1.38 ± 0.75**	**1.21 ± 0.65**	**1.21 ± 0.66**
Uranium 235 and 236	N/A	<0.33 ± 0.19	<0.33 ± 0.19	<0.38 ± 0.21	<0.4 ± 0.23	<0.45 ± 0.25	<0.43 ± 0.24

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picocuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS5-SS-141-0000	TS5-SS-142-0000	TS5-SS-142A-0000	TS5-SS-143-0000	TS5-SS-144-0000	TS5-SS-145-0000
Date Collected		10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**1.01 ± 0.36**	**1.18 ± 0.45**	**0.99 ± 0.35**	**0.71 ± 0.29**	**1.7 ± 0.47**	**1.12 ± 0.35**
Bismuth-212	N/A	<0.91 ± 0.43	<1.2 ± 0.59	<1.1 ± 0.5	<1.0 ± 0.52	<1.2 ± 0.6	**1.0 ± 0.46**
Bismuth-214	N/A	**0.83 ± 0.27**	**0.98 ± 0.29**	**1.17 ± 0.31**	**1.06 ± 0.28**	**0.66 ± 0.23**	**0.75 ± 0.21**
Cesium-137	N/A	<0.095 ± 0.045	<0.14 ± 0.062	<0.11 ± 0.062	<0.076 ± 0.047	<0.15 ± 0.077	<0.094 ± 0.049
Cobalt-60	N/A	<0.1 ± 0.053	<0.13 ± 0.07	<0.13 ± 0.052	<0.15 ± 0.066	<0.11 ± 0.055	<0.099 ± 0.049
Lead-212	N/A	**0.9 ± 0.18**	**1.02 ± 0.22**	**1.08 ± 0.26**	**0.75 ± 0.19**	**1.59 ± 0.33**	**1.13 ± 0.23**
Lead-214	N/A	**0.87 ± 0.18**	**1.15 ± 0.23**	**1.2 ± 0.25**	**0.93 ± 0.21**	**0.92 ± 0.21**	**0.79 ± 0.17**
Potassium-40	N/A	**14.8 ± 2.9**	**15.8 ± 3.4**	**15 ± 3.2**	**18.2 ± 3.4**	**15.4 ± 3.1**	**12.4 ± 2.7**
Radium-224	N/A	**2.3 ± 1.6**	**2.7 ± 2**	**2.8 ± 2**	**4.6 ± 2.9**	**2.9 ± 2.1**	**2.6 ± 1.9**
Radium-226	N/A	<1.2 ± 0.87	**2.4 ± 1.5**	**2.5 ± 1.4**	<1.7 ± 0.9	<2.0 ± 1.1	<1.2 ± 0.86
Thallium-208	N/A	**0.34 ± 0.1**	**0.34 ± 0.12**	**0.44 ± 0.14**	**0.28 ± 0.11**	**0.6 ± 0.16**	**0.35 ± 0.11**
Thorium-234	N/A	<0.9 ± 0.53	<1.2 ± 0.66	<1.3 ± 0.68	**1.24 ± 0.73**	**1.67 ± 0.71**	<0.98 ± 0.54
Uranium 235 and 236	N/A	<0.36 ± 0.2	<0.43 ± 0.26	<0.53 ± 0.3	<0.4 ± 0.22	<0.47 ± 0.26	<0.35 ± 0.19

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picocuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS5-SS-146-0000	TS5-SS-147-0000	TS5-SS-148-0000	TS5-SS-149-0000	TS5-SS-150-0000	TS5-SS-151-0000
Date Collected		10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	RO						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**1.04 ± 0.41**	**0.88 ± 0.38**	**0.97 ± 0.32**	**1.48 ± 0.39**	**1.29 ± 0.43**	**1.82 ± 0.52**
Bismuth-212	N/A	<0.85 ± 0.38	<0.86 ± 0.44	<0.83 ± 0.4	<0.94 ± 0.46	<1.3 ± 0.6	<1.2 ± 0.58
Bismuth-214	N/A	**0.94 ± 0.25**	**0.72 ± 0.21**	**0.87 ± 0.23**	**0.78 ± 0.23**	**1.23 ± 0.28**	**0.79 ± 0.28**
Cesium-137	N/A	<0.11 ± 0.055	<0.092 ± 0.056	<0.079 ± 0.05	<0.097 ± 0.053	<0.18 ± 0.088	<0.14 ± 0.074
Cobalt-60	N/A	<0.13 ± 0.062	<0.091 ± 0.054	<0.11 ± 0.053	<0.097 ± 0.046	<0.13 ± 0.064	<0.096 ± 0.044
Lead-212	N/A	**0.86 ± 0.19**	**0.85 ± 0.17**	**1.02 ± 0.21**	**1.62 ± 0.29**	**1.4 ± 0.29**	**1.79 ± 0.36**
Lead-214	N/A	**0.87 ± 0.18**	**0.89 ± 0.2**	**0.91 ± 0.18**	**0.95 ± 0.2**	**0.9 ± 0.22**	**0.9 ± 0.2**
Potassium-40	N/A	**15.6 ± 3.3**	**14 ± 3.2**	**15.1 ± 3**	**14.5 ± 2.9**	**17.6 ± 3.6**	**16 ± 3.2**
Radium-224	N/A	**2.3 ± 1.7**	<1.2 ± 0.83	<1.9 ± 1.3	**1.67 ± 0.89**	**3.0 ± 2.2**	**2.8 ± 2**
Radium-226	N/A	<1.8 ± 0.96	**1.79 ± 0.9**	<1.1 ± 0.94	<1.4 ± 0.93	**2.4 ± 1.2**	<1.9 ± 0.97
Thallium-208	N/A	**0.34 ± 0.12**	**0.34 ± 0.11**	**0.36 ± 0.11**	**0.6 ± 0.15**	**0.52 ± 0.16**	**0.71 ± 0.16**
Thorium-234	N/A	<1.1 ± 0.59	<1.1 ± 0.79	<1.1 ± 0.58	**1.24 ± 0.78**	<1.4 ± 0.83	<1.4 ± 0.74
Uranium 235 and 236	N/A	<0.41 ± 0.24	<0.34 ± 0.2	<0.37 ± 0.21	<0.38 ± 0.23	<0.51 ± 0.29	<0.51 ± 0.29

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picocuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS5-SS-152-0000	TS5-SS-152A-0000	TS5-SS-153-0000	TS5-SS-154-0000	TS5-SS-155-0000	TS5-SS-156-0000
Date Collected		10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**1.31 ± 0.38**	**1.11 ± 0.38**	**1.09 ± 0.32**	**1.37 ± 0.37**	**1.8 ± 0.52**	**1.0 ± 0.39**
Bismuth-212	N/A	<0.75 ± 0.64	<1.3 ± 0.65	<0.91 ± 0.46	<1.1 ± 0.49	**1.61 ± 0.76**	<1.1 ± 0.51
Bismuth-214	N/A	**1.14 ± 0.27**	**1.12 ± 0.3**	**0.96 ± 0.24**	**0.74 ± 0.23**	**0.9 ± 0.23**	**1.23 ± 0.3**
Cesium-137	N/A	<0.11 ± 0.058	<0.12 ± 0.06	<0.097 ± 0.05	<0.1 ± 0.059	<0.12 ± 0.065	<0.11 ± 0.057
Cobalt-60	N/A	<0.12 ± 0.062	<0.11 ± 0.058	<0.085 ± 0.047	<0.1 ± 0.05	<0.12 ± 0.058	<0.13 ± 0.063
Lead-212	N/A	**1.43 ± 0.26**	**1.27 ± 0.29**	**0.99 ± 0.19**	**0.91 ± 0.21**	**1.65 ± 0.31**	**1.17 ± 0.23**
Lead-214	N/A	**1.01 ± 0.22**	**1.09 ± 0.25**	**0.94 ± 0.19**	**0.95 ± 0.22**	**0.92 ± 0.2**	**1.17 ± 0.22**
Potassium-40	N/A	**15.3 ± 3.3**	**18 ± 3.7**	**16.1 ± 3**	**16.8 ± 3.3**	**17.2 ± 3.5**	**14.6 ± 3.1**
Radium-224	N/A	<1.4 ± 0.89	**4.0 ± 2.7**	**3.2 ± 2.1**	**3.5 ± 2.4**	**4.0 ± 2.7**	**2.6 ± 1.9**
Radium-226	N/A	**1.9 ± 1.3**	<2.0 ± 01± 1	**2.0 ± 1.3**	<1.5 ± 1.2	**1.9 ± 1.3**	**2.3 ± 1.4**
Thallium-208	N/A	**0.56 ± 0.15**	**0.51 ± 0.13**	**0.41 ± 0.11**	**0.35 ± 0.12**	**0.49 ± 0.16**	**0.25 ± 0.12**
Thorium-234	N/A	<1.2 ± 1.1	<1.2 ± 0.68	**1.1 ± 0.55**	<1.1 ± 0.6	<1.1 ± 0.64	**1.12 ± 0.65**
Uranium 235 and 236	N/A	<0.43 ± 0.23	<0.48 ± 0.26	<0.34 ± 0.19	<0.43 ± 0.25	<0.43 ± 0.24	<0.48 ± 0.26

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picocuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS5-SS-157-0000	TS5-SS-158-0000	TS5-SS-159-0000	TS5-SS-160-0000	TS5-SS-161-0000	TS5-SS-162-0000
Date Collected		10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00	0.00
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**1.06 ± 0.33**	**1.52 ± 0.4**	**1.23 ± 0.39**	**1.05 ± 0.32**	**0.98 ± 0.31**	**0.95 ± 0.29**
Bismuth-212	N/A	<0.95 ± 0.47	<1.2 ± 0.63	<1.1 ± 0.53	<1.0 ± 0.47	<0.61 ± 0.52	<0.89 ± 0.43
Bismuth-214	N/A	**0.86 ± 0.25**	**0.88 ± 0.27**	**0.89 ± 0.24**	**0.75 ± 0.22**	**0.72 ± 0.24**	**0.69 ± 0.18**
Cesium-137	N/A	<0.097 ± 0.053	<0.11 ± 0.06	<0.1 ± 0.056	<0.078 ± 0.043	<0.14 ± 0.069	<0.094 ± 0.043
Cobalt-60	N/A	<0.11 ± 0.055	<0.12 ± 0.053	<0.13 ± 0.068	<0.087 ± 0.053	<0.096 ± 0.05	<0.072 ± 0.042
Lead-212	N/A	**0.98 ± 0.22**	**1.68 ± 0.33**	**1.39 ± 0.26**	**0.73 ± 0.17**	**0.94 ± 0.21**	**0.79 ± 0.16**
Lead-214	N/A	**0.87 ± 0.19**	**0.88 ± 0.21**	**0.83 ± 0.19**	**0.72 ± 0.17**	**0.76 ± 0.17**	**0.76 ± 0.14**
Potassium-40	N/A	**15.5 ± 3.1**	**16.1 ± 3.3**	**15.2 ± 2.9**	**15.7 ± 3.1**	**19 ± 3.6**	**15.8 ± 3.1**
Radium-224	N/A	**2.8 ± 2**	**3.1 ± 2.2**	<1.3 ± 0.83	**2.2 ± 1.6**	**2.4 ± 1.7**	**2.4 ± 1.6**
Radium-226	N/A	<1.6 ± 0.81	<2.1 ± 1.1	**2.1 ± 1.4**	<1.6 ± 0.84	<1.8 ± 0.95	<1.4 ± 0.71
Thallium-208	N/A	**0.4 ± 0.12**	**0.62 ± 0.17**	**0.52 ± 0.13**	**0.237 ± 0.089**	**0.46 ± 0.12**	**0.23 ± 0.083**
Thorium-234	N/A	<1.1 ± 0.63	<1.3 ± 0.68	<1.1 ± 0.61	<1.0 ± 0.54	<1.0 ± 0.56	<0.89 ± 0.48
Uranium 235 and 236	N/A	<0.33 ± 0.19	<0.46 ± 0.26	<0.44 ± 0.25	<0.38 ± 0.21	<0.35 ± 0.2	<0.35 ± 0.18

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picocuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS5-SS-162A-0000	TS5-SS-163-0000	TS5-SS-164-0000	TS5-SS-165-0000	TS5-SS-166-0000	TS5-SS-167-0000
Date Collected		10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003
Depth (ft)		0.00 - 0.50	0.00	0.00	0.00	0.00	0.00
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**0.7 ± 0.31**	**1.11 ± 0.34**	**1.96 ± 0.49**	**0.88 ± 0.28**	**2.15 ± 0.52**	**0.84 ± 0.27**
Bismuth-212	N/A	<0.75 ± 0.37	<0.94 ± 0.47	<1.3 ± 0.62	<0.62 ± 0.53	**1.06 ± 0.68**	<0.89 ± 0.42
Bismuth-214	N/A	**0.67 ± 0.22**	**0.79 ± 0.22**	**0.97 ± 0.26**	**0.76 ± 0.2**	**0.89 ± 0.25**	**0.8 ± 0.21**
Cesium-137	N/A	<0.087 ± 0.048	<0.1 ± 0.051	<0.15 ± 0.076	<0.11 ± 0.054	<0.12 ± 0.063	<0.086 ± 0.044
Cobalt-60	N/A	<0.1 ± 0.05	<0.12 ± 0.052	<0.09 ± 0.042	<0.12 ± 0.059	<0.12 ± 0.064	<0.12 ± 0.059
Lead-212	N/A	**0.82 ± 0.16**	**1.06 ± 0.22**	**1.62 ± 0.33**	**0.89 ± 0.17**	**1.82 ± 0.35**	**0.77 ± 0.18**
Lead-214	N/A	**0.74 ± 0.16**	**0.77 ± 0.18**	**0.83 ± 0.2**	**0.88 ± 0.16**	**0.96 ± 0.21**	**0.65 ± 0.15**
Potassium-40	N/A	**18.3 ± 3.4**	**19 ± 3.6**	**17.5 ± 3.6**	**18 ± 3.3**	**14 ± 2.9**	**14.5 ± 2.8**
Radium-224	N/A	<1.1 ± 0.73	**2.6 ± 1.9**	**3.6 ± 2.4**	<1.9 ± 1.3	**2.7 ± 2**	**2.4 ± 1.6**
Radium-226	N/A	<1.4 ± 0.76	<1.7 ± 0.9	**2.2 ± 1.1**	**1.53 ± 0.997**	<1.9 ± 0.98	**1.63 ± 0.78**
Thallium-208	N/A	**0.34 ± 0.11**	**0.36 ± 0.12**	**0.65 ± 0.16**	**0.3 ± 0.1**	**0.69 ± 0.17**	**0.274 ± 0.092**
Thorium-234	N/A	**1.05 ± 0.55**	**1.52 ± 0.63**	**1.56 ± 0.76**	**1.03 ± 0.42**	**1.74 ± 0.77**	<0.89 ± 0.49
Uranium 235 and 236	N/A	<0.32 ± 0.18	<0.35 ± 0.22	<0.51 ± 0.28	<0.38 ± 0.21	<0.45 ± 0.25	<0.35 ± 0.19

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picocuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS5-SS-168-0000	TS5-SS-169-0000	TS5-SS-170-0000	TS5-SS-171-0000	TS5-SS-172-0000	TS5-SS-172A-0000
Date Collected		10/2/2003	10/2/2003	10/6/2003	10/3/2003	10/3/2003	10/3/2003
Depth (ft)		0.00	0.00	0.00	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**1.14 ± 0.35**	**0.85 ± 0.35**	**0.82 ± 0.33**	**0.92 ± 0.29**	**0.88 ± 0.29**	**0.58 ± 0.24**
Bismuth-212	N/A	<1.1 ± 0.54	<0.9 ± 0.47	<0.96 ± 0.46	<0.85 ± 0.38	<0.81 ± 0.39	<0.73 ± 0.35
Bismuth-214	N/A	**0.75 ± 0.22**	**0.89 ± 0.24**	**0.91 ± 0.26**	**0.89 ± 0.25**	**0.76 ± 0.21**	**0.7 ± 0.17**
Cesium-137	N/A	**0.182 ± 0.093**	<0.11 ± 0.059	<0.078 ± 0.048	<0.14 ± 0.066	**0.209 ± 0.081**	**0.123 ± 0.075**
Cobalt-60	N/A	<0.1 ± 0.048	<0.12 ± 0.062	<0.12 ± 0.053	<0.11 ± 0.059	<0.11 ± 0.05	<0.099 ± 0.047
Lead-212	N/A	**0.98 ± 0.23**	**1.03 ± 0.2**	**0.75 ± 0.18**	**0.78 ± 0.19**	**0.72 ± 0.16**	**0.71 ± 0.16**
Lead-214	N/A	**0.95 ± 0.21**	**0.76 ± 0.17**	**0.75 ± 0.18**	**0.8 ± 0.17**	**0.76 ± 0.16**	**0.68 ± 0.16**
Potassium-40	N/A	**14 ± 3**	**17.7 ± 3.3**	**14.3 ± 3.1**	**16.4 ± 3.2**	**16.6 ± 3.1**	**16.4 ± 3**
Radium-224	N/A	**3.6 ± 2.4**	<1.1 ± 0.75	**2.4 ± 1.8**	**2.3 ± 1.7**	**2.2 ± 1.6**	**1.9 ± 1.4**
Radium-226	N/A	<1.8 ± 0.92	<1.5 ± 0.8	<1.7 ± 0.88	**1.4 ± 1.1**	**1.37 ± 0.86**	<1.4 ± 0.71
Thallium-208	N/A	**0.34 ± 0.12**	**0.31 ± 0.1**	**0.256 ± 0.095**	**0.36 ± 0.11**	**0.314 ± 0.093**	**0.223 ± 0.086**
Thorium-234	N/A	<1.2 ± 0.61	**1.02 ± 0.72**	<1.1 ± 0.59	**1.35 ± 0.58**	**1.05 ± 0.47**	<0.82 ± 0.49
Uranium 235 and 236	N/A	<0.43 ± 0.24	<0.37 ± 0.2	<0.39 ± 0.22	<0.37 ± 0.22	<0.31 ± 0.18	<0.33 ± 0.18

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picocuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS5-SS-173-0000	TS5-SS-174-0000	TS5-SS-175-0000	TS5-SS-176-0000	TS5-SS-177-0000	TS5-SS-178-0000
Date Collected		10/3/2003	10/2/2003	10/2/2003	10/3/2003	10/3/2003	10/2/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**0.8 ± 0.31**	**1.21 ± 0.37**	**1.11 ± 0.38**	**0.76 ± 0.23**	**0.96 ± 0.27**	**1.04 ± 0.3**
Bismuth-212	N/A	<0.91 ± 0.44	<1.0 ± 0.49	<0.93 ± 0.45	<0.85 ± 0.41	<0.82 ± 0.41	<0.73 ± 0.56
Bismuth-214	N/A	**0.73 ± 0.22**	**0.88 ± 0.23**	**0.96 ± 0.25**	**0.72 ± 0.23**	**0.8 ± 0.22**	**0.89 ± 0.26**
Cesium-137	N/A	<0.12 ± 0.063	**0.134 ± 0.086**	<0.13 ± 0.065	<0.11 ± 0.052	<0.13 ± 0.064	<0.15 ± 0.074
Cobalt-60	N/A	<0.1 ± 0.052	<0.12 ± 0.05	<0.084 ± 0.036	<0.063 ± 0.048	<0.095 ± 0.049	<0.11 ± 0.053
Lead-212	N/A	**0.52 ± 0.17**	**1.22 ± 0.27**	**0.8 ± 0.19**	**0.63 ± 0.14**	**0.92 ± 0.18**	**1.07 ± 0.22**
Lead-214	N/A	**0.74 ± 0.18**	**1.1 ± 0.22**	**0.87 ± 0.19**	**0.76 ± 0.15**	**0.8 ± 0.16**	**0.96 ± 0.18**
Potassium-40	N/A	**14.5 ± 3.1**	**17.4 ± 3.4**	**16.9 ± 3.2**	**18.5 ± 3.4**	**18.6 ± 3.5**	**16 ± 3.3**
Radium-224	N/A	**2.4 ± 1.7**	**2.3 ± 1.8**	**2.5 ± 1.7**	**1.9 ± 1.4**	**2.4 ± 1.6**	**2.9 ± 2**
Radium-226	N/A	<1.3 ± 1.3	<1.8 ± 0.94	**2.2 ± 1.2**	<1.4 ± 0.75	**1.47 ± 0.91**	**1.99 ± 0.93**
Thallium-208	N/A	**0.33 ± 0.11**	**0.41 ± 0.13**	**0.322 ± 0.099**	**0.206 ± 0.092**	**0.174 ± 0.087**	**0.35 ± 0.11**
Thorium-234	N/A	**1.14 ± 0.58**	**1.28 ± 0.65**	<0.98 ± 0.54	<0.93 ± 0.51	**1.26 ± 0.52**	<1.1 ± 0.6
Uranium 235 and 236	N/A	<0.42 ± 0.24	<0.43 ± 0.25	<0.35 ± 0.2	<0.32 ± 0.18	<0.34 ± 0.18	<0.41 ± 0.24

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picocuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS5-SS-179-0000	TS5-SS-180-0000	TS5-SS-181-0000	TS5-SS-182-0000	TS5-SS-182A-0000	TS5-SS-183-0000
Date Collected		10/2/2003	10/2/2003	10/6/2003	10/2/2003	10/2/2003	10/6/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**0.82 ± 0.28**	**0.86 ± 0.35**	**0.79 ± 0.29**	**1.04 ± 0.33**	**1.12 ± 0.32**	**0.9 ± 0.29**
Bismuth-212	N/A	<0.93 ± 0.45	<0.7 ± 0.52	<0.84 ± 0.41	<1.1 ± 0.51	<1.0 ± 0.48	<0.83 ± 0.43
Bismuth-214	N/A	**0.68 ± 0.21**	**0.93 ± 0.27**	**0.75 ± 0.21**	**0.84 ± 0.24**	**1.14 ± 0.3**	**0.79 ± 0.25**
Cesium-137	N/A	<0.089 ± 0.052	<0.13 ± 0.06	<0.097 ± 0.051	<0.16 ± 0.079	**0.239 ± 0.092**	<0.098 ± 0.059
Cobalt-60	N/A	<0.092 ± 0.055	<0.12 ± 0.057	<0.097 ± 0.057	<0.14 ± 0.062	<0.11 ± 0.055	<0.11 ± 0.053
Lead-212	N/A	**0.73 ± 0.18**	**0.83 ± 0.19**	**0.8 ± 0.19**	**0.91 ± 0.19**	**0.84 ± 0.19**	**0.85 ± 0.17**
Lead-214	N/A	**1.0 ± 0.2**	**0.85 ± 0.2**	**0.95 ± 0.19**	**0.97 ± 0.2**	**0.88 ± 0.19**	**1.06 ± 0.2**
Potassium-40	N/A	**17.3 ± 3.4**	**16 ± 3.2**	**15.6 ± 3**	**16.5 ± 3.3**	**15.9 ± 3.3**	**16.7 ± 3.3**
Radium-224	N/A	**4.0 ± 2.6**	**2.5 ± 1.8**	<1.7 ± 1.4	<1.9 ± 1.5	**2.6 ± 1.9**	<1.2 ± 0.83
Radium-226	N/A	**1.6 ± 1.2**	<1.2 ± 0.93	**1.6 ± 1.1**	<1.8 ± 0.93	<1.6 ± 0.92	<1.6 ± 0.87
Thallium-208	N/A	**0.232 ± 0.095**	**0.29 ± 0.11**	**0.24 ± 0.099**	**0.28 ± 0.11**	**0.3 ± 0.1**	**0.25 ± 0.1**
Thorium-234	N/A	<0.96 ± 0.52	<1.0 ± 0.63	**1.34 ± 0.57**	<1.1 ± 0.61	<1.1 ± 0.61	<0.97 ± 0.57
Uranium 235 and 236	N/A	<0.36 ± 0.2	<0.38 ± 0.21	<0.31 ± 0.18	<0.42 ± 0.24	<0.41 ± 0.23	<0.4 ± 0.22

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picocuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS5-SS-184-0000	TS5-SS-185-0000	TS5-SS-186-0000	TS5-SS-187-0000	TS5-SS-188-0000	TS5-SS-189-0000
Date Collected		10/2/2003	10/2/2003	10/6/2003	10/2/2003	10/2/2003	10/2/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**1.06 ± 0.33**	**1.26 ± 0.41**	**0.62 ± 0.29**	**0.95 ± 0.39**	**1.02 ± 0.3**	**2.14 ± 0.54**
Bismuth-212	N/A	**0.85 ± 0.51**	<1.1 ± 0.57	<0.92 ± 0.44	<1.1 ± 0.51	<0.81 ± 0.41	<1.4 ± 0.67
Bismuth-214	N/A	**0.83 ± 0.2**	**0.93 ± 0.26**	**0.71 ± 0.19**	**1.01 ± 0.28**	**0.69 ± 0.22**	**0.83 ± 0.26**
Cesium-137	N/A	**0.152 ± 0.07**	<0.12 ± 0.064	<0.097 ± 0.05	<0.099 ± 0.055	<0.1 ± 0.056	**0.145 ± 0.097**
Cobalt-60	N/A	<0.1 ± 0.047	<0.084 ± 0.045	<0.094 ± 0.05	<0.075 ± 0.042	<0.11 ± 0.048	<0.11 ± 0.057
Lead-212	N/A	**1.25 ± 0.25**	**0.86 ± 0.22**	**0.67 ± 0.18**	**1.03 ± 0.21**	**0.83 ± 0.19**	**2.23 ± 0.39**
Lead-214	N/A	**0.86 ± 0.18**	**0.99 ± 0.2**	**0.75 ± 0.17**	**1.04 ± 0.21**	**0.91 ± 0.19**	**0.85 ± 0.21**
Potassium-40	N/A	**16.6 ± 3**	**15.8 ± 3.2**	**15 ± 3.2**	**18.7 ± 3.6**	**14.4 ± 2.9**	**17.5 ± 3.5**
Radium-224	N/A	**2.4 ± 1.8**	<2.2 ± 1.7	**3.0 ± 2**	**2.4 ± 1.6**	**2.7 ± 1.9**	**3.9 ± 2.4**
Radium-226	N/A	**1.72 ± 0.96**	<1.9 ± 0.95	**1.94 ± 0.98**	<1.9 ± 01± 1	**1.62 ± 0.78**	**2.2 ± 1.3**
Thallium-208	N/A	**0.41 ± 0.11**	**0.3 ± 0.11**	**0.27 ± 0.1**	**0.27 ± 0.11**	**0.305 ± 0.097**	**0.6 ± 0.2**
Thorium-234	N/A	**1.35 ± 0.56**	<1.2 ± 0.61	<0.94 ± 0.56	<1.1 ± 0.59	<0.9 ± 0.52	<1.4 ± 0.79
Uranium 235 and 236	N/A	<0.37 ± 0.21	<0.48 ± 0.27	<0.33 ± 0.19	<0.39 ± 0.23	<0.36 ± 0.19	<0.51 ± 0.29

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picocuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS5-SS-190-0000	TS5-SS-191-0000	TS5-SS-192-0000	TS5-SS-192A-0000	TS5-SS-193-0000	TS5-SS-194-0000
Date Collected		10/6/2003	10/6/2003	10/6/2003	10/6/2003	10/6/2003	10/6/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**0.58 ± 0.36**	**0.95 ± 0.36**	**1.0 ± 0.31**	**1.06 ± 0.31**	**0.98 ± 0.35**	**1.06 ± 0.34**
Bismuth-212	N/A	<0.91 ± 0.47	<0.92 ± 0.44	**1.02 ± 0.5**	<1.1 ± 0.54	<1.2 ± 0.57	**1.06 ± 0.5**
Bismuth-214	N/A	**0.86 ± 0.24**	**0.96 ± 0.26**	**0.78 ± 0.22**	**0.95 ± 0.24**	**1.01 ± 0.25**	**0.98 ± 0.28**
Cesium-137	N/A	<0.11 ± 0.058	<0.13 ± 0.061	<0.11 ± 0.057	<0.13 ± 0.065	<0.13 ± 0.061	<0.097 ± 0.052
Cobalt-60	N/A	<0.1 ± 0.051	<0.12 ± 0.058	<0.11 ± 0.054	<0.12 ± 0.064	<0.085 ± 0.044	<0.11 ± 0.058
Lead-212	N/A	**0.89 ± 0.18**	**0.7 ± 0.19**	**0.98 ± 0.21**	**1.04 ± 0.23**	**0.77 ± 0.2**	**0.91 ± 0.18**
Lead-214	N/A	**0.92 ± 0.18**	**0.82 ± 0.2**	**0.78 ± 0.17**	**0.83 ± 0.19**	**0.91 ± 0.21**	**1.01 ± 0.19**
Potassium-40	N/A	**18.6 ± 3.4**	**14.2 ± 2.8**	**13.2 ± 2.7**	**15 ± 3.1**	**16 ± 3.3**	**15.8 ± 3.3**
Radium-224	N/A	<2.0 ± 1.3	<1.9 ± 1.5	**3.6 ± 2.3**	**2.2 ± 1.7**	**2.7 ± 1.9**	**2.1 ± 1.4**
Radium-226	N/A	<1.5 ± 0.83	**2.5 ± 1.2**	**1.4 ± 1.1**	<1.8 ± 0.94	<1.9 ± 0.94	**1.7 ± 01± 1**
Thallium-208	N/A	**0.32 ± 0.11**	**0.232 ± 0.094**	**0.33 ± 0.11**	**0.34 ± 0.13**	**0.313 ± 0.099**	**0.35 ± 0.11**
Thorium-234	N/A	<1.0 ± 0.56	**1.04 ± 0.58**	**0.92 ± 0.53**	<1.1 ± 0.6	<1.2 ± 0.62	**1.05 ± 0.62**
Uranium 235 and 236	N/A	<0.35 ± 0.2	<0.4 ± 0.22	<0.37 ± 0.2	<0.45 ± 0.26	<0.41 ± 0.22	<0.41 ± 0.23

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picocuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS5-SS-195-0000	TS5-SS-196-0000	TS5-SS-197-0000	TS5-SS-198-0000	TS5-SS-199-0000	TS5-SS-200-0000
Date Collected		10/6/2003	10/6/2003	10/6/2003	10/6/2003	10/6/2003	10/6/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**0.86 ± 0.31**	**0.94 ± 0.3**	**0.77 ± 0.3**	**0.76 ± 0.29**	**0.94 ± 0.35**	**1.13 ± 0.31**
Bismuth-212	N/A	<0.69 ± 0.37	**0.62 ± 0.43**	<0.95 ± 0.46	<0.6 ± 0.45	<0.86 ± 0.41	<0.69 ± 0.51
Bismuth-214	N/A	**0.76 ± 0.23**	**0.99 ± 0.26**	**0.77 ± 0.22**	**0.82 ± 0.2**	**1.04 ± 0.28**	**0.84 ± 0.22**
Cesium-137	N/A	<0.11 ± 0.057	<0.1 ± 0.05	<0.075 ± 0.043	<0.093 ± 0.052	<0.11 ± 0.054	**0.088 ± 0.057**
Cobalt-60	N/A	<0.13 ± 0.053	<0.11 ± 0.053	<0.054 ± 0.04	<0.1 ± 0.051	<0.13 ± 0.063	<0.099 ± 0.047
Lead-212	N/A	**0.8 ± 0.16**	**0.84 ± 0.19**	**0.76 ± 0.19**	**0.93 ± 0.18**	**0.8 ± 0.19**	**0.99 ± 0.19**
Lead-214	N/A	**0.81 ± 0.18**	**1.01 ± 0.2**	**0.8 ± 0.2**	**0.74 ± 0.17**	**0.84 ± 0.19**	**0.82 ± 0.15**
Potassium-40	N/A	**17.6 ± 3.4**	**15.7 ± 3.2**	**15.4 ± 3.2**	**13.9 ± 2.9**	**13.7 ± 2.9**	**14.6 ± 2.9**
Radium-224	N/A	**2.5 ± 1.7**	**2.7 ± 1.9**	**2.2 ± 1.6**	**1.12 ± 0.76**	**2.6 ± 1.8**	**3.0 ± 1.9**
Radium-226	N/A	<1.7 ± 0.89	**1.5 ± 1.1**	<1.9 ± 0.94	<1.5 ± 0.79	<1.6 ± 0.83	<1.4 ± 0.72
Thallium-208	N/A	**0.31 ± 0.11**	**0.301 ± 0.095**	**0.3 ± 0.1**	**0.258 ± 0.096**	**0.314 ± 0.099**	**0.33 ± 0.1**
Thorium-234	N/A	<1.0 ± 0.57	<0.98 ± 0.56	<1.1 ± 0.71	<0.9 ± 0.49	<1.0 ± 0.45	<0.91 ± 0.53
Uranium 235 and 236	N/A	<0.4 ± 0.22	<0.38 ± 0.21	<0.43 ± 0.24	<0.38 ± 0.21	<0.4 ± 0.22	<0.38 ± 0.2

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picocuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS5-SS-201-0000	TS5-SS-202-0000	TS5-SS-202A-0000	TS5-SS-203-0000	TS5-SS-204-0000	TS5-SS-205-0000*
Date Collected		10/6/2003	10/6/2003	10/6/2003	10/6/2003	10/6/2003	10/6/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**1.01 ± 0.35**	**0.75 ± 0.27**	**0.86 ± 0.28**	**1.07 ± 0.41**	**1.11 ± 0.42**	**0.95 ± 0.36**
Bismuth-212	N/A	<1.1 ± 0.51	<0.79 ± 0.38	<0.89 ± 0.45	<1.1 ± 0.49	<0.9 ± 0.43	<0.94 ± 0.43
Bismuth-214	N/A	**0.82 ± 0.23**	**0.55 ± 0.2**	**0.86 ± 0.22**	**0.9 ± 0.25**	**0.71 ± 0.22**	**0.69 ± 0.21**
Cesium-137	N/A	**0.173 ± 0.094**	**0.31 ± 0.11**	**0.27 ± 0.11**	<0.11 ± 0.055	**0.32 ± 0.17**	**0.246 ± 0.098**
Cobalt-60	N/A	<0.1 ± 0.048	<0.12 ± 0.054	<0.1 ± 0.048	<0.089 ± 0.045	<0.09 ± 0.051	<0.098 ± 0.041
Lead-212	N/A	**0.84 ± 0.2**	**0.83 ± 0.17**	**0.73 ± 0.18**	**0.89 ± 0.22**	**0.9 ± 0.18**	**0.69 ± 0.18**
Lead-214	N/A	**0.85 ± 0.2**	**0.87 ± 0.16**	**0.78 ± 0.16**	**0.87 ± 0.2**	**0.92 ± 0.19**	**0.73 ± 0.2**
Potassium-40	N/A	**17.8 ± 3.6**	**14.9 ± 3**	**14.8 ± 3.1**	**15.2 ± 3.1**	**15.7 ± 3.4**	**13.5 ± 2.8**
Radium-224	N/A	**2.0 ± 1.6**	**2.2 ± 1.5**	**3.7 ± 2.4**	**2.6 ± 1.8**	<1.2 ± 0.85	<1.8 ± 1.3
Radium-226	N/A	<1.7 ± 0.9	**1.11 ± 0.75**	**1.7 ± 1.1**	<2.0 ± 0.99	**2.24 ± 0.97**	<1.7 ± 0.88
Thallium-208	N/A	**0.31 ± 0.1**	**0.292 ± 0.096**	**0.3 ± 0.1**	**0.19 ± 0.11**	**0.28 ± 0.1**	**0.26 ± 0.1**
Thorium-234	N/A	<0.98 ± 0.54	<0.95 ± 0.51	<0.96 ± 0.53	<1.1 ± 0.58	**1.2 ± 0.63**	<0.96 ± 0.52
Uranium 235 and 236	N/A	<0.4 ± 0.22	<0.35 ± 0.19	<0.37 ± 0.2	<0.44 ± 0.25	<0.39 ± 0.22	<0.39 ± 0.21

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picocuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS5-SS-206-0000	TS5-SS-207-0000	TS5-SS-208-0000	TS5-SS-209-0000	TS5-SS-210-0000	TS5-SS-211-0000
Date Collected		10/6/2003	10/6/2003	10/6/2003	10/6/2003	10/6/2003	10/6/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**0.99 ± 0.31**	**0.7 ± 0.29**	**0.77 ± 0.35**	**0.82 ± 0.42**	**0.64 ± 0.28**	**2.6 ± 0.61**
Bismuth-212	N/A	<1.1 ± 0.5	<0.96 ± 0.47	<1.1 ± 0.51	<1.0 ± 0.5	**0.78 ± 0.5**	**1.32 ± 0.71**
Bismuth-214	N/A	**1.03 ± 0.28**	**0.96 ± 0.23**	**0.82 ± 0.25**	**0.72 ± 0.23**	**0.78 ± 0.21**	**0.71 ± 0.23**
Cesium-137	N/A	<0.12 ± 0.063	<0.1 ± 0.055	<0.11 ± 0.056	<0.11 ± 0.054	**0.202 ± 0.082**	<0.11 ± 0.062
Cobalt-60	N/A	<0.083 ± 0.062	<0.098 ± 0.055	<0.12 ± 0.056	<0.12 ± 0.057	<0.095 ± 0.049	<0.11 ± 0.056
Lead-212	N/A	**0.89 ± 0.2**	**0.69 ± 0.15**	**0.85 ± 0.18**	**0.77 ± 0.19**	**0.8 ± 0.18**	**2.07 ± 0.37**
Lead-214	N/A	**0.97 ± 0.21**	**0.9 ± 0.18**	**1.07 ± 0.21**	**0.85 ± 0.2**	**0.76 ± 0.16**	**0.81 ± 0.21**
Potassium-40	N/A	**15.8 ± 3.3**	**13.7 ± 3**	**16.8 ± 3.5**	**13.2 ± 3**	**16.6 ± 3.3**	**15.2 ± 3.1**
Radium-224	N/A	**2.5 ± 1.7**	<1.9 ± 1.2	**2.4 ± 1.6**	**2.6 ± 1.8**	**4.9 ± 3**	**3.1 ± 2**
Radium-226	N/A	<1.4 ± 1.2	**1.5 ± 1.2**	<2.0 ± 1.1	<1.8 ± 0.91	**3.0 ± 1.2**	<1.8 ± 0.97
Thallium-208	N/A	**0.38 ± 0.12**	**0.34 ± 0.11**	**0.34 ± 0.11**	**0.3 ± 0.11**	**0.31 ± 0.11**	**0.75 ± 0.19**
Thorium-234	N/A	**1.24 ± 0.63**	**1.19 ± 0.9**	**1.32 ± 0.66**	<1.2 ± 0.61	**1.01 ± 0.8**	**1.35 ± 0.68**
Uranium 235 and 236	N/A	<0.45 ± 0.24	<0.39 ± 0.21	<0.44 ± 0.25	<0.46 ± 0.26	<0.38 ± 0.2	<0.44 ± 0.24

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picocuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS5-SS-212-0000	TS5-SS-213-0000	TS5-SS-214-0000	TS5-SS-215-0000	TS5-SS-216-0000	TS5-SS-217-0000
Date Collected		10/6/2003	10/6/2003	10/6/2003	10/6/2003	9/9/2003	9/9/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**1.29 ± 0.35**	**1.37 ± 0.47**	**1.59 ± 0.44**	**1.02 ± 0.35**	**1.07 ± 0.34**	**1.38 ± 0.37**
Bismuth-212	N/A	<1.0 ± 0.5	<1.2 ± 0.53	**1.25 ± 0.67**	<0.91 ± 0.44	<0.85 ± 0.73	<1.0 ± 0.5
Bismuth-214	N/A	**0.93 ± 0.23**	**0.95 ± 0.28**	**0.66 ± 0.23**	**0.71 ± 0.23**	**0.95 ± 0.23**	**0.83 ± 0.24**
Cesium-137	N/A	<0.12 ± 0.064	<0.11 ± 0.056	<0.12 ± 0.062	<0.12 ± 0.058	<0.085 ± 0.047	<0.11 ± 0.054
Cobalt-60	N/A	<0.11 ± 0.057	<0.12 ± 0.05	<0.099 ± 0.054	<0.1 ± 0.047	<0.11 ± 0.06	<0.11 ± 0.046
Lead-212	N/A	**1.74 ± 0.31**	**1.2 ± 0.25**	**1.53 ± 0.3**	**0.84 ± 0.2**	**1.0 ± 0.21**	**0.91 ± 0.2**
Lead-214	N/A	**0.88 ± 0.19**	**0.86 ± 0.21**	**0.87 ± 0.19**	**0.79 ± 0.17**	**0.78 ± 0.19**	**0.96 ± 0.2**
Potassium-40	N/A	**14.6 ± 2.8**	**15 ± 3.2**	**14.6 ± 3**	**16 ± 3.1**	**15.1 ± 3.1**	**14.4 ± 3**
Radium-224	N/A	**1.23 ± 0.83**	**2.9 ± 2.1**	**6.0 ± 3.7**	**2.4 ± 1.7**	**2.4 ± 1.7**	**4.0 ± 2.5**
Radium-226	N/A	<1.6 ± 0.84	<1.9 ± 0.97	<1.7 ± 0.89	<1.6 ± 0.84	<1.7 ± 0.93	<1.7 ± 0.86
Thallium-208	N/A	**0.53 ± 0.14**	**0.52 ± 0.13**	**0.67 ± 0.16**	**0.44 ± 0.12**	**0.4 ± 0.12**	**0.38 ± 0.11**
Thorium-234	N/A	**1.32 ± 0.63**	<1.2 ± 0.65	<1.1 ± 0.46	<1.0 ± 0.61	**1.45 ± 0.96**	**1.4 ± 0.64**
Uranium 235 and 236	N/A	<0.38 ± 0.21	<0.5 ± 0.27	<0.44 ± 0.25	<0.41 ± 0.22	<0.42 ± 0.23	<0.41 ± 0.22

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picocuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS5-SS-217A-0000	TS5-SS-218-0000	TS5-SS-219-0000	TS5-SS-220-0000	TS5-SS-221-0000	TS5-SS-222-0000
Date Collected		9/9/2003	9/9/2003	9/9/2003	9/9/2003	9/9/2003	9/9/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**1.21 ± 0.46**	**1.2 ± 0.41**	**1.32 ± 0.37**	**1.59 ± 0.45**	**0.95 ± 0.35**	**0.94 ± 0.38**
Bismuth-212	N/A	<0.98 ± 0.47	<1.0 ± 0.47	<1.1 ± 0.52	<1.4 ± 0.67	<0.97 ± 0.5	<1.2 ± 0.56
Bismuth-214	N/A	**1.11 ± 0.3**	**0.96 ± 0.26**	**0.92 ± 0.26**	**0.96 ± 0.26**	**0.85 ± 0.22**	**1.1 ± 0.28**
Cesium-137	N/A	<0.11 ± 0.055	<0.1 ± 0.058	<0.12 ± 0.062	<0.11 ± 0.061	<0.1 ± 0.05	<0.1 ± 0.056
Cobalt-60	N/A	<0.093 ± 0.049	<0.12 ± 0.073	<0.11 ± 0.056	<0.094 ± 0.047	<0.1 ± 0.051	<0.1 ± 0.051
Lead-212	N/A	**1.01 ± 0.23 B**	**0.92 ± 0.2**	**1.23 ± 0.24**	**1.7 ± 0.31**	**0.9 ± 0.2**	**0.82 ± 0.2**
Lead-214	N/A	**0.91 ± 0.21**	**0.93 ± 0.19**	**0.96 ± 0.21**	**0.95 ± 0.21**	**1.1 ± 0.22**	**0.95 ± 0.21**
Potassium-40	N/A	**13.6 ± 2.9**	**12.6 ± 3**	**14.8 ± 3.2**	**16.4 ± 3.3**	**15.2 ± 3.1**	**13 ± 2.9**
Radium-224	N/A	**3.2 ± 2.2**	<2.1 ± 1.5	<1.2 ± 0.9	**1.9 ± 1.1**	**2.5 ± 1.8**	**3.0 ± 2.1**
Radium-226	N/A	<1.9 ± 01± 1	**1.8 ± 1.7**	**2.1 ± 1.1**	<1.9 ± 01± 1	**1.85 ± 0.93**	<1.6 ± 1.4
Thallium-208	N/A	**0.45 ± 0.13**	**0.29 ± 0.1**	**0.39 ± 0.13**	**0.65 ± 0.18**	**0.36 ± 0.11**	**0.24 ± 0.12**
Thorium-234	N/A	**1.29 ± 0.63**	<1.2 ± 0.64	**1.33 ± 0.49**	**1.61 ± 0.71**	<0.98 ± 0.6	<1.1 ± 0.61
Uranium 235 and 236	N/A	<0.41 ± 0.23	<0.42 ± 0.23	<0.45 ± 0.25	<0.42 ± 0.26	<0.38 ± 0.2	<0.45 ± 0.25

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picocuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS5-SS-223-0000	TS5-SS-224-0000	TS5-SS-225-0000	TS5-SS-226-0000	TS5-SS-227-0000	TS5-SS-227A-0000
Date Collected		9/9/2003	9/11/2003	9/11/2003	9/11/2003	9/11/2003	9/11/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**1.53 ± 0.44**	**1.0 ± 0.36**	**0.95 ± 0.36**	**0.96 ± 0.29**	**0.73 ± 0.27**	**0.68 ± 0.31**
Bismuth-212	N/A	<1.1 ± 0.56	<0.86 ± 0.4	<1.0 ± 0.52	<0.93 ± 0.46	**0.75 ± 0.48**	<0.93 ± 0.46
Bismuth-214	N/A	**0.86 ± 0.27**	**0.78 ± 0.21**	**0.74 ± 0.26**	**1.06 ± 0.24**	**1.06 ± 0.29**	**0.79 ± 0.23**
Cesium-137	N/A	<0.11 ± 0.059	<0.1 ± 0.053	<0.095 ± 0.05	<0.094 ± 0.05	<0.072 ± 0.039	<0.077 ± 0.046
Cobalt-60	N/A	<0.13 ± 0.061	<0.074 ± 0.043	<0.12 ± 0.054	<0.11 ± 0.053	<0.11 ± 0.062	<0.11 ± 0.051
Lead-212	N/A	**1.48 ± 0.29**	**0.8 ± 0.16**	**0.87 ± 0.22**	**0.79 ± 0.19**	**0.67 ± 0.19**	**0.81 ± 0.16 B**
Lead-214	N/A	**1.04 ± 0.22**	**0.95 ± 0.18**	**1.06 ± 0.22**	**1.05 ± 0.2**	**0.9 ± 0.21**	**1.06 ± 0.19**
Potassium-40	N/A	**14.8 ± 3.1**	**13.7 ± 2.7**	**16.8 ± 3.3**	**14.4 ± 3.1**	**12.1 ± 2.7**	**14.4 ± 2.9**
Radium-224	N/A	**4.1 ± 2.7**	**2.4 ± 1.6**	**3.4 ± 2.2**	**3.9 ± 2.5**	**2.3 ± 1.8**	**3.4 ± 2.2**
Radium-226	N/A	**1.6 ± 1.4**	**1.86 ± 0.92**	<1.9 ± 0.94	**1.9 ± 01± 1**	<1.8 ± 0.96	<1.5 ± 0.79
Thallium-208	N/A	**0.59 ± 0.17**	**0.231 ± 0.084**	**0.321 ± 0.0997**	**0.38 ± 0.11**	**0.36 ± 0.11**	**0.311 ± 0.092**
Thorium-234	N/A	**1.56 ± 0.74**	<0.89 ± 0.48	<1.2 ± 0.66	**1.19 ± 0.45**	<1.1 ± 0.61	<0.99 ± 0.54
Uranium 235 and 236	N/A	<0.46 ± 0.25	<0.33 ± 0.18	<0.43 ± 0.24	<0.38 ± 0.21	<0.42 ± 0.23	<0.34 ± 0.18

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picoCuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS5-SS-228-0000	TS5-SS-229-0000	TS5-SS-230-0000	TS5-SS-231-0000	TS5-SS-231A-0000	TS5-SS-232-0000
Date Collected		9/11/2003	9/11/2003	9/16/2003	9/16/2003	9/16/2003	9/16/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**0.96 ± 0.33**	**1.0 ± 0.38**	**1.03 ± 0.3**	**0.95 ± 0.43**	**1.03 ± 0.36**	**0.69 ± 0.29**
Bismuth-212	N/A	<0.93 ± 0.44	<1.2 ± 0.58	<0.86 ± 0.44	<1.0 ± 0.49	<0.89 ± 0.44	<0.56 ± 0.29
Bismuth-214	N/A	**0.94 ± 0.23**	**1.01 ± 0.29**	**1.04 ± 0.27**	**0.83 ± 0.24**	**0.74 ± 0.23**	**0.53 ± 0.17**
Cesium-137	N/A	<0.09 ± 0.049	<0.088 ± 0.059	<0.082 ± 0.05	<0.088 ± 0.045	<0.086 ± 0.045	<0.069 ± 0.036
Cobalt-60	N/A	<0.12 ± 0.059	<0.13 ± 0.061	<0.081 ± 0.053	<0.099 ± 0.056	<0.086 ± 0.046	<0.091 ± 0.045
Lead-212	N/A	**0.99 ± 0.2**	**0.84 ± 0.23**	**0.9 ± 0.18**	**0.88 ± 0.18**	**0.71 ± 0.18 B**	**0.48 ± 0.12**
Lead-214	N/A	**1.12 ± 0.2**	**0.9 ± 0.21**	**0.9 ± 0.19**	**1.16 ± 0.21**	**0.84 ± 0.2**	**0.53 ± 0.12**
Potassium-40	N/A	**15.4 ± 3**	**14.2 ± 3.3**	**14.8 ± 3.2**	**16.2 ± 3.2**	**16.1 ± 3.2**	**14.6 ± 2.7**
Radium-224	N/A	**2.9 ± 2**	<2.4 ± 1.6	<1.2 ± 0.8	**2.8 ± 1.9**	**2.1 ± 1.6**	**1.6 ± 1.2**
Radium-226	N/A	<1.7 ± 0.86	**2.3 ± 1.1**	<1.6 ± 0.83	**3.2 ± 1.5**	**1.3 ± 1.3**	<1.2 ± 0.62
Thallium-208	N/A	**0.35 ± 0.1**	**0.3 ± 0.11**	**0.3 ± 0.1**	**0.27 ± 0.1**	**0.36 ± 0.11**	**0.247 ± 0.071**
Thorium-234	N/A	<1.0 ± 0.55	<1.3 ± 0.67	<0.97 ± 0.53	<1.1 ± 0.59	<1.1 ± 0.59	<0.66 ± 0.36
Uranium 235 and 236	N/A	<0.36 ± 0.2	<0.45 ± 0.25	<0.39 ± 0.22	<0.42 ± 0.23	<0.42 ± 0.23	<0.26 ± 0.14

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picoCuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS5-SS-233-0000	TS5-SS-234-0000	TS5-SS-235-0000	TS5-SS-236-0000	TS5-SS-237-0000	TS5-SS-238-0000
Date Collected		9/16/2003	9/16/2003	9/16/2003	9/16/2003	9/16/2003	9/16/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**0.73 ± 0.37**	**0.98 ± 0.28**	**1.11 ± 0.4**	**1.31 ± 0.35**	**0.54 ± 0.21**	**0.87 ± 0.26**
Bismuth-212	N/A	<0.79 ± 0.41	<0.89 ± 0.44	**0.79 ± 0.55**	**0.96 ± 0.47**	<0.69 ± 0.34	<0.99 ± 0.48
Bismuth-214	N/A	**0.8 ± 0.23**	**0.88 ± 0.24**	**0.54 ± 0.21**	**0.75 ± 0.23**	**0.61 ± 0.17**	**0.58 ± 0.24**
Cesium-137	N/A	<0.09 ± 0.052	<0.091 ± 0.051	<0.11 ± 0.053	<0.098 ± 0.05	<0.078 ± 0.039	<0.089 ± 0.043
Cobalt-60	N/A	<0.13 ± 0.058	<0.1 ± 0.051	<0.094 ± 0.04	<0.11 ± 0.052	<0.077 ± 0.038	<0.12 ± 0.067
Lead-212	N/A	**0.9 ± 0.21**	**0.86 ± 0.17**	**0.81 ± 0.2**	**1.06 ± 0.2**	**0.54 ± 0.13**	**0.47 ± 0.16**
Lead-214	N/A	**0.89 ± 0.2**	**0.93 ± 0.2**	**0.71 ± 0.18**	**0.83 ± 0.16**	**0.59 ± 0.14**	**0.58 ± 0.16**
Potassium-40	N/A	**15.6 ± 3.1**	**15.6 ± 3.5**	**15.3 ± 3**	**16.5 ± 3.2**	**16.7 ± 3**	**16.8 ± 3.3**
Radium-224	N/A	**2.2 ± 1.6**	<1.2 ± 0.82	**1.9 ± 1.5**	<1.9 ± 1.2	**1.8 ± 1.3**	<1.8 ± 1.2
Radium-226	N/A	<1.8 ± 0.92	<1.6 ± 0.85	**2.4 ± 01± 1**	<1.5 ± 0.83	**1.42 ± 0.65**	<1.7 ± 0.87
Thallium-208	N/A	**0.3 ± 0.11**	**0.285 ± 0.092**	**0.25 ± 0.093**	**0.45 ± 0.11**	**0.252 ± 0.083**	**0.293 ± 0.092**
Thorium-234	N/A	<1.2 ± 0.62	<1.0 ± 0.56	**1.9 ± 1.1**	**1.66 ± 0.62**	<0.76 ± 0.46	<1.0 ± 0.54
Uranium 235 and 236	N/A	<0.39 ± 0.23	<0.38 ± 0.21	<0.4 ± 0.21	<0.4 ± 0.22	<0.29 ± 0.16	<0.37 ± 0.2

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picoCuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS5-SS-239-0000	TS5-SS-240-0000	TS5-SS-241-0000	TS5-SS-241A-0000	TS5-SS-242-0000	TS5-SS-243-0000
Date Collected		9/16/2003	9/16/2003	9/16/2003	9/16/2003	9/16/2003	9/16/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**0.44 ± 0.26**	**0.88 ± 0.29**	**1.1 ± 0.42**	**0.81 ± 0.3**	**0.9 ± 0.34**	**0.88 ± 0.37**
Bismuth-212	N/A	<0.64 ± 0.34	<0.44 ± 0.43	**0.6 ± 0.47**	<0.89 ± 0.45	<0.86 ± 0.41	<0.96 ± 0.47
Bismuth-214	N/A	**0.66 ± 0.19**	**0.66 ± 0.23**	**0.75 ± 0.2**	**0.7 ± 0.22**	**0.78 ± 0.2**	**0.79 ± 0.23**
Cesium-137	N/A	<0.07 ± 0.038	<0.067 ± 0.038	<0.085 ± 0.044	<0.085 ± 0.048	<0.094 ± 0.047	<0.086 ± 0.049
Cobalt-60	N/A	<0.08 ± 0.041	<0.074 ± 0.043	<0.11 ± 0.049	<0.1 ± 0.05	<0.13 ± 0.061	<0.1 ± 0.058
Lead-212	N/A	**0.62 ± 0.12**	**0.98 ± 0.19**	**0.73 ± 0.17**	**0.8 ± 0.17 B**	**0.8 ± 0.17**	**1.0 ± 0.19**
Lead-214	N/A	**0.53 ± 0.13**	**0.72 ± 0.15**	**0.82 ± 0.17**	**0.68 ± 0.15**	**0.86 ± 0.17**	**1.11 ± 0.22**
Potassium-40	N/A	**16.7 ± 3.1**	**16.7 ± 3.2**	**14.9 ± 2.8**	**15.3 ± 2.9**	**14 ± 2.9**	**14.4 ± 3.2**
Radium-224	N/A	<0.87 ± 0.56	<1.7 ± 1.3	<1.6 ± 1.2	**3.9 ± 2.5**	<1.8 ± 1.4	<1.3 ± 0.9
Radium-226	N/A	<1.2 ± 0.65	**2.04 ± 0.82**	**1.37 ± 0.77**	<1.1 ± 0.95	**2.0 ± 1.4**	**2.6 ± 1.4**
Thallium-208	N/A	**0.209 ± 0.078**	**0.36 ± 0.11**	**0.35 ± 0.11**	**0.268 ± 0.093**	**0.336 ± 0.0997**	**0.244 ± 0.095**
Thorium-234	N/A	<0.77 ± 0.42	<0.97 ± 0.56	<0.92 ± 0.49	<0.9 ± 0.49	<1.1 ± 0.57	**1.26 ± 0.47**
Uranium 235 and 236	N/A	<0.32 ± 0.18	<0.38 ± 0.21	<0.33 ± 0.17	<0.34 ± 0.19	<0.37 ± 0.21	<0.4 ± 0.22

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picoCuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE
(Page 40 of 42)

Field Sample Identification		TS5-SS-244-0000	TS5-SS-245-0000	TS5-SS-246-0000	TS5-SS-247-0000	TS5-SS-248-0000	TS5-SS-249-0000
Date Collected		9/16/2003	9/16/2003	9/16/2003	9/16/2003	9/18/2003	9/18/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**0.9 ± 0.32**	**0.82 ± 0.34**	**1.38 ± 0.45**	**0.91 ± 0.29**	**0.62 ± 0.23**	**0.82 ± 0.31**
Bismuth-212	N/A	<1.0 ± 0.47	<0.77 ± 0.37	**1.01 ± 0.54**	<0.94 ± 0.45	<0.7 ± 0.36	<0.96 ± 0.48
Bismuth-214	N/A	**0.92 ± 0.22**	**1.04 ± 0.26**	**0.82 ± 0.27**	**0.75 ± 0.21**	**0.57 ± 0.17**	**0.86 ± 0.23**
Cesium-137	N/A	<0.09 ± 00	<0.088 ± 0.045	<0.078 ± 0.055	<0.08 ± 0.042	<0.085 ± 0.047	<0.082 ± 0.046
Cobalt-60	N/A	<0.12 ± 0.062	<0.1 ± 0.052	<0.12 ± 0.065	<0.11 ± 0.058	<0.08 ± 0.032	<0.12 ± 0.049
Lead-212	N/A	**1.11 ± 0.22**	**0.93 ± 0.18**	**1.3 ± 0.27**	**0.95 ± 0.18**	**0.59 ± 0.14**	**0.81 ± 0.17**
Lead-214	N/A	**0.8 ± 0.18**	**0.92 ± 0.18**	**0.76 ± 0.19**	**0.78 ± 0.17**	**0.7 ± 0.15**	**0.93 ± 0.18**
Potassium-40	N/A	**13.5 ± 2.8**	**14.8 ± 3**	**16.1 ± 3.2**	**14.1 ± 3.1**	**14.6 ± 2.8**	**15.6 ± 3**
Radium-224	N/A	<1.3 ± 0.81	**2.1 ± 1.5**	**3.9 ± 2.5**	<1.1 ± 0.75	**1.7 ± 1.3**	**2.6 ± 1.8**
Radium-226	N/A	<1.8 ± 0.93	**1.43 ± 0.91**	<1.9 ± 01± 1	<1.2 ± 0.97	**0.99 ± 0.9**	<1.2 ± 0.83
Thallium-208	N/A	**0.277 ± 0.099**	**0.4 ± 0.11**	**0.52 ± 0.15**	**0.37 ± 0.1**	**0.19 ± 0.074**	**0.33 ± 0.11**
Thorium-234	N/A	**1.19 ± 0.74**	<0.98 ± 0.53	**1.46 ± 0.75**	**0.97 ± 0.65**	<0.82 ± 0.45	<1.0 ± 0.55
Uranium 235 and 236	N/A	<0.4 ± 0.22	<0.36 ± 0.2	<0.49 ± 0.27	<0.33 ± 0.19	<0.3 ± 0.17	<0.33 ± 0.19

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picoCuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS5-SS-249A-0000	TS5-SS-250-0000	TS5-SS-251-0000	TS5-SS-252-0000	TS5-SS-253-0000	TS5-SS-254-0000
Date Collected		9/18/2003	9/18/2003	9/18/2003	9/18/2003	9/18/2003	9/18/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**0.69 ± 0.3**	**1.12 ± 0.33**	**0.83 ± 0.26**	**0.82 ± 0.37**	**1.03 ± 0.34**	**0.95 ± 0.47**
Bismuth-212	N/A	<1.1 ± 0.5	<0.84 ± 0.41	<0.72 ± 0.37	<1.1 ± 0.51	<0.81 ± 0.4	**0.65 ± 0.39**
Bismuth-214	N/A	**0.96 ± 0.26**	**0.66 ± 0.22**	**0.56 ± 0.2**	**0.85 ± 0.25**	**0.83 ± 0.22**	**0.91 ± 0.24**
Cesium-137	N/A	<0.11 ± 0.059	<0.081 ± 0.049	<0.076 ± 0.04	<0.091 ± 0.048	<0.072 ± 0.04	<0.091 ± 0.048
Cobalt-60	N/A	<0.14 ± 0.066	<0.084 ± 0.047	<0.09 ± 0.039	<0.082 ± 0.043	<0.1 ± 0.048	<0.1 ± 0.051
Lead-212	N/A	**0.8 ± 0.17 B**	**0.89 ± 0.18**	**0.65 ± 0.13**	**0.9 ± 0.18**	**0.73 ± 0.17**	**0.95 ± 0.21**
Lead-214	N/A	**1.18 ± 0.21**	**1.05 ± 0.19**	**0.61 ± 0.14**	**0.97 ± 0.19**	**0.85 ± 0.17**	**0.96 ± 0.22**
Potassium-40	N/A	**15.2 ± 3.4**	**14.5 ± 3**	**13.4 ± 2.5**	**14.4 ± 3**	**15.2 ± 3**	**16.6 ± 3.5**
Radium-224	N/A	**2.3 ± 1.5**	**2.8 ± 1.9**	<1.0 ± 0.61	**2.0 ± 1.5**	**1.6 ± 1.3**	**2.6 ± 1.8**
Radium-226	N/A	<1.9 ± 0.99	<1.7 ± 0.88	**1.66 ± 0.78**	**1.5 ± 01± 1**	<1.1 ± 0.93	**2.5 ± 1.5**
Thallium-208	N/A	**0.36 ± 0.11**	**0.4 ± 0.11**	**0.25 ± 0.085**	**0.268 ± 0.093**	**0.218 ± 0.084**	**0.37 ± 0.12**
Thorium-234	N/A	<1.1 ± 0.63	<1.1 ± 0.59	**1.12 ± 0.4**	**1.62 ± 0.85**	<0.91 ± 0.49	<1.2 ± 0.63
Uranium 235 and 236	N/A	<0.42 ± 0.24	<0.39 ± 0.22	<0.31 ± 0.18	<0.37 ± 0.2	<0.33 ± 0.18	<0.38 ± 0.22

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picoCuries per gram
ft feet

TABLE B-1

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS5, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS5-SS-255-0000	TS5-SS-256-0000	TS5-SS-257-0000
Date Collected		9/18/2003	9/18/2003	9/18/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil
Analyte/Methods (Units)	**RO**			
Radionuclides/E901.1 (pCi/g)				
Actinium-228	6.61	**0.9 ± 0.33**	**0.58 ± 0.36**	**0.99 ± 0.37**
Bismuth-212	N/A	<0.97 ± 0.52	<0.89 ± 0.42	<0.84 ± 0.41
Bismuth-214	N/A	**0.94 ± 0.28**	**0.86 ± 0.24**	**0.97 ± 0.23**
Cesium-137	N/A	<0.093 ± 0.054	<0.095 ± 0.05	<0.091 ± 0.048
Cobalt-60	N/A	<0.087 ± 0.05	<0.1 ± 0.053	<0.13 ± 0.07
Lead-212	N/A	**0.81 ± 0.18**	**0.89 ± 0.25**	**0.93 ± 0.19**
Lead-214	N/A	**1.09 ± 0.2**	**0.91 ± 0.2**	**1.18 ± 0.2**
Potassium-40	N/A	**17.4 ± 3.4**	**14 ± 3**	**15.6 ± 3.1**
Radium-224	N/A	**4.1 ± 2.6**	**2.6 ± 1.9**	**3.1 ± 2**
Radium-226	N/A	**1.9 ± 1.3**	<1.8 ± 0.93	**2.0 ± 1.5**
Thallium-208	N/A	**0.42 ± 0.12**	**0.38 ± 0.12**	**0.33 ± 0.1**
Thorium-234	N/A	**1.18 ± 0.6**	<1.1 ± 0.59	**1.7 ± 0.66**
Uranium 235 and 236	N/A	<0.44 ± 0.24	<0.43 ± 0.23	<0.36 ± 0.2

Notes:

RO Remediation objective
N/A Not applicable.
B Analyte detected in an associated blank.
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-23-0000	TS6-SS-24-0000	TS6-SS-25-0000	TS6-SS-26-0000	TS6-SS-26A-0000	TS6-SS-27-0000	TS6-SS-28-0000
Date Collected		8/28/2003	8/28/2003	8/28/2003	8/28/2003	8/28/2003	8/28/2003	8/28/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**							
Radionuclide/E901.1 (pCi/g)								
Actinium-228	6.61	**3.36 ± 0.83**	**0.86 ± 0.32**	**3.28 ± 0.75**	**2.69 ± 0.62**	**3.29 ± 0.75**	**0.8 ± 0.34**	**1.15 ± 0.49**
Bismuth-212	N/A	**1.1 ± 1.1**	**0.72 ± 0.41**	**2.0 ± 01± 1**	**1.94 ± 0.81**	**2.52 ± 0.93**	**0.95 ± 0.54**	<1.2 ± 0.6
Bismuth-214	N/A	**1.47 ± 0.38**	**0.85 ± 0.24**	**1.31 ± 0.35**	**1.14 ± 0.3**	**0.98 ± 0.27**	**1.0 ± 0.26**	**1.37 ± 0.31**
Cesium-137	N/A	<0.14 ± 0.085	<0.08 ± 0.05	<0.13 ± 0.072	<0.13 ± 0.067	<0.13 ± 0.069	<0.084 ± 0.047	<0.091 ± 0.043
Cobalt-60	N/A	<0.15 ± 0.09	<0.11 ± 0.059	<0.18 ± 0.086	<0.14 ± 0.061	<0.12 ± 0.059	<0.12 ± 0.061	<0.11 ± 0.061
Lead-212	N/A	**3.36 ± 0.62**	**0.73 ± 0.18**	**3.1 ± 0.53**	**2.71 ± 0.47**	**2.79 ± 0.48**	**0.88 ± 0.22**	**0.97 ± 0.21**
Lead-214	N/A	**1.16 ± 0.28**	**0.9 ± 0.19**	**0.91 ± 0.24**	**1.07 ± 0.23**	**0.95 ± 0.2**	**1.18 ± 0.23**	**1.13 ± 0.23**
Potassium-40	N/A	**12.5 ± 3.1**	**15.6 ± 3.2**	**13.6 ± 3**	**14.7 ± 3.2**	**14.4 ± 2.9**	**13.3 ± 2.8**	**17.4 ± 3.6**
Radium-224	N/A	**6.2 ± 4**	**4.1 ± 2.6**	**3.6 ± 2.3**	**1.8 ± 1.1**	**2.0 ± 01± 1**	**3.4 ± 2.3**	<2.3 ± 1.7
Radium-226	N/A	**2.4 ± 1.5**	<1.2 ± 0.87	<2.0 ± 1.5	**1.7 ± 1.4**	**2.1 ± 1.4**	**2.0 ± 1.4**	**2.0 ± 1.6**
Thallium-208	N/A	**1.26 ± 0.28**	**0.287 ± 0.0998**	**1.0 ± 0.24**	**0.81 ± 0.2**	**1.13 ± 0.24**	**0.31 ± 0.11**	**0.32 ± 0.12**
Thorium-234	N/A	**3.2 ± 1.5**	**1.44 ± 0.6**	**2.9 ± 0.81**	**2.45 ± 0.87**	**2.54 ± 0.81**	<1.1 ± 0.58	<1.3 ± 0.72
Uranium 235 and 236	N/A	<0.61 ± 0.37	<0.39 ± 0.21	<0.59 ± 0.32	<0.5 ± 0.28	<0.49 ± 0.28	<0.43 ± 0.23	<0.45 ± 0.25

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-29-0000	TS6-SS-30-0000	TS6-SS-31-0000	TS6-SS-32-0000	TS6-SS-33-0000	TS6-SS-34-0000	TS6-SS-35-0000
Date Collected		8/28/2003	8/28/2003	8/28/2003	8/28/2003	8/28/2003	8/28/2003	8/28/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	RO							
Radionuclide/E901.1 (pCi/g)								
Actinium-228	6.61	**1.98 ± 0.52**	**1.14 ± 0.37**	**1.32 ± 0.42**	**1.0 ± 0.38**	**1.09 ± 0.38**	**0.58 ± 0.25**	**2.02 ± 0.6**
Bismuth-212	N/A	**1.52 ± 0.74**	**1.56 ± 0.69**	**0.84 ± 0.56**	**0.66 ± 0.47**	<0.84 ± 0.63	**0.85 ± 0.44**	<1.6 ± 0.75
Bismuth-214	N/A	**0.87 ± 0.28**	**0.82 ± 0.26**	**1.22 ± 0.29**	**1.04 ± 0.24**	**1.06 ± 0.27**	**0.97 ± 0.24**	**1.24 ± 0.35**
Cesium-137	N/A	<0.1 ± 0.063	<0.11 ± 0.056	<0.095 ± 0.057	<0.096 ± 0.047	<0.12 ± 0.065	<0.1 ± 0.053	<0.14 ± 0.079
Cobalt-60	N/A	<0.15 ± 0.071	<0.12 ± 0.057	<0.11 ± 0.048	<0.12 ± 0.057	<0.13 ± 0.066	<0.11 ± 0.055	<0.12 ± 0.084
Lead-212	N/A	**1.68 ± 0.32**	**1.11 ± 0.24**	**1.1 ± 0.26**	**0.96 ± 0.22**	**0.85 ± 0.22**	**0.73 ± 0.17**	**2.26 ± 0.41**
Lead-214	N/A	**1.11 ± 0.21**	**0.9 ± 0.21**	**1.3 ± 0.26**	**1.09 ± 0.21**	**1.13 ± 0.24**	**1.07 ± 0.19**	**1.55 ± 0.28**
Potassium-40	N/A	**14 ± 3.1**	**15.2 ± 3.1**	**15.8 ± 3.3**	**11.7 ± 2.5**	**14.7 ± 3.1**	**16.3 ± 3.3**	**15.9 ± 3.6**
Radium-224	N/A	**7.1 ± 4.3**	**6.2 ± 3.8**	**2.8 ± 2.2**	**2.7 ± 1.9**	**2.9 ± 2**	**3.6 ± 2.3**	**4.4 ± 2.9**
Radium-226	N/A	**2.5 ± 1.1**	**1.6 ± 1.2**	**2.9 ± 1.1**	**1.96 ± 0.91**	<2.1 ± 1.1	<1.6 ± 0.86	<2.6 ± 1.4
Thallium-208	N/A	**0.67 ± 0.17**	**0.47 ± 0.13**	**0.38 ± 0.13**	**0.39 ± 0.11**	**0.29 ± 0.11**	**0.239 ± 0.089**	**0.81 ± 0.21**
Thorium-234	N/A	**1.52 ± 0.77**	<1.1 ± 0.62	<1.3 ± 0.71	**1.25 ± 0.65**	<1.3 ± 0.68	**1.14 ± 0.58**	**2.11 ± 0.98**
Uranium 235 and 236	N/A	<0.47 ± 0.26	<0.43 ± 0.24	<0.43 ± 0.24	<0.36 ± 0.2	<0.46 ± 0.25	<0.39 ± 0.21	<0.52 ± 0.29

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-36-0000	TS6-SS-37-0000	TS6-SS-38-0000	TS6-SS-39-0000	TS6-SS-40-0000	TS6-SS-41-0000	TS6-SS-42-0000
Date Collected		8/28/2003	8/28/2003	8/28/2003	8/28/2003	8/28/2003	8/28/2003	8/28/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**							
Radionuclide/E901.1 (pCi/g)								
Actinium-228	6.61	**1.99 ± 0.55**	**1.0 ± 0.4**	**1.51 ± 0.45**	**0.81 ± 0.28**	**1.47 ± 0.45**	**1.84 ± 0.48**	**0.71 ± 0.29**
Bismuth-212	N/A	**1.6 ± 0.74**	<1.2 ± 0.54	<0.86 ± 0.57	<0.82 ± 0.41	<0.9 ± 0.42	**1.65 ± 0.62**	<0.75 ± 0.39
Bismuth-214	N/A	**1.25 ± 0.36**	**0.93 ± 0.25**	**1.34 ± 0.29**	**0.66 ± 0.24**	**0.9 ± 0.25**	**1.13 ± 0.28**	**0.77 ± 0.22**
Cesium-137	N/A	<0.13 ± 0.068	<0.12 ± 0.062	<0.12 ± 0.069	<0.088 ± 0.045	<0.11 ± 0.062	<0.11 ± 0.062	<0.081 ± 0.046
Cobalt-60	N/A	<0.15 ± 0.064	<0.12 ± 0.047	<0.1 ± 0.05	<0.11 ± 0.044	<0.14 ± 0.06	<0.11 ± 0.048	<0.093 ± 0.047
Lead-212	N/A	**1.92 ± 0.36**	**1.17 ± 0.27**	**1.3 ± 0.24**	**0.69 ± 0.18**	**0.98 ± 0.21**	**1.53 ± 0.32**	**0.58 ± 0.15**
Lead-214	N/A	**1.3 ± 0.29**	**1.1 ± 0.24**	**0.91 ± 0.18**	**0.76 ± 0.18**	**1.25 ± 0.25**	**0.96 ± 0.23**	**0.79 ± 0.16**
Potassium-40	N/A	**17.2 ± 3.5**	**14.8 ± 3.4**	**15.2 ± 3**	**18.3 ± 3.5**	**15.2 ± 3.2**	**14.4 ± 3.1**	**15.5 ± 3**
Radium-224	N/A	**4.7 ± 3.1**	**2.9 ± 2**	<2.4 ± 1.3	**2.2 ± 1.6**	**2.9 ± 2**	**3.1 ± 2.2**	**3.3 ± 2.2**
Radium-226	N/A	<1.7 ± 1.6	**2.0 ± 1.8**	**1.7 ± 1.2**	<1.5 ± 0.8	<1.8 ± 0.92	**2.1 ± 1.3**	<1.5 ± 0.78
Thallium-208	N/A	**0.74 ± 0.19**	**0.33 ± 0.12**	**0.57 ± 0.15**	**0.292 ± 0.094**	**0.36 ± 0.13**	**0.6 ± 0.16**	**0.234 ± 0.089**
Thorium-234	N/A	**2.05 ± 0.88**	<1.2 ± 0.7	<1.1 ± 0.61	<0.9 ± 0.48	**1.14 ± 0.66**	**1.64 ± 0.83**	<0.86 ± 0.32
Uranium 235 and 236	N/A	<0.5 ± 0.28	<0.46 ± 0.26	<0.43 ± 0.24	<0.4 ± 0.22	<0.37 ± 0.2	<0.46 ± 0.27	<0.32 ± 0.18

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-43-0000	TS6-SS-44-0000	TS6-SS-45-0000	TS6-SS-45A-0000	TS6-SS-46-0000	TS6-SS-47-0000	TS6-SS-48-0000
Date Collected		8/28/2003	8/28/2003	8/28/2003	8/28/2003	8/28/2003	8/28/2003	8/28/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**							
Radionuclide/E901.1 (pCi/g)								
Actinium-228	6.61	**1.15 ± 0.33**	**0.91 ± 0.37**	**1.14 ± 0.35**	**0.81 ± 0.31**	**1.21 ± 0.38**	**0.81 ± 0.32**	**0.54 ± 0.24**
Bismuth-212	N/A	<0.9 ± 0.43	<1.2 ± 0.57	<0.9 ± 0.44	<1.4 ± 0.62	<1.3 ± 0.64	<0.9 ± 0.46	<0.84 ± 0.4
Bismuth-214	N/A	**0.93 ± 0.29**	**1.37 ± 0.35**	**0.85 ± 0.24**	**0.98 ± 0.28**	**0.98 ± 0.26**	**0.82 ± 0.23**	**0.42 ± 0.17**
Cesium-137	N/A	<0.1 ± 0.057	<0.1 ± 0.056	<0.11 ± 0.061	<0.11 ± 0.061	<0.081 ± 0.051	<0.096 ± 0.05	<0.07 ± 0.038
Cobalt-60	N/A	<0.1 ± 0.052	<0.13 ± 0.053	<0.13 ± 0.069	<0.11 ± 0.041	<0.16 ± 0.073	<0.099 ± 0.05	<0.12 ± 0.057
Lead-212	N/A	**0.82 ± 0.18**	**0.83 ± 0.2**	**0.87 ± 0.2**	**0.99 ± 0.24**	**1.04 ± 0.22**	**0.92 ± 0.18**	**0.6 ± 0.15**
Lead-214	N/A	**0.99 ± 0.2**	**1.11 ± 0.23**	**1.32 ± 0.25**	**1.02 ± 0.24**	**0.97 ± 0.21**	**0.87 ± 0.16**	**0.63 ± 0.16**
Potassium-40	N/A	**14.2 ± 3.1**	**18.4 ± 3.8**	**16.9 ± 3.4**	**17.4 ± 3.6**	**13.9 ± 3.3**	**13.8 ± 3**	**16 ± 3.2**
Radium-224	N/A	**2.9 ± 2**	**3.1 ± 2.1**	**2.8 ± 2.1**	**3.0 ± 2.2**	**3.7 ± 2.4**	**3.1 ± 2.1**	**2.3 ± 1.6**
Radium-226	N/A	**2.1 ± 1.5**	<2.0 ± 1.1	**3.0 ± 1.3**	<2.1 ± 1.1	**2.0 ± 1.4**	**1.6 ± 1.1**	**1.55 ± 0.75**
Thallium-208	N/A	**0.29 ± 0.1**	**0.31 ± 0.11**	**0.3 ± 0.11**	**0.33 ± 0.13**	**0.31 ± 0.12**	**0.238 ± 0.096**	**0.149 ± 0.075**
Thorium-234	N/A	<1.1 ± 0.62	<1.2 ± 0.66	**1.4 ± 0.73**	<1.4 ± 0.73	<1.5 ± 0.76	**1.19 ± 0.6**	<0.85 ± 0.46
Uranium 235 and 236	N/A	<0.4 ± 0.23	<0.43 ± 0.23	<0.44 ± 0.24	<0.45 ± 0.29	<0.48 ± 0.28	<0.37 ± 0.21	<0.31 ± 0.17

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-53-0000	TS6-SS-54-0000	TS6-SS-54A-0000	TS6-SS-55-0000	TS6-SS-56-0000	TS6-SS-57-0000	TS6-SS-58-0000
Date Collected		10/6/2003	10/6/2003	10/6/2003	10/6/2003	10/3/2003	10/6/2003	10/3/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**							
Radionuclide/E901.1 (pCi/g)								
Actinium-228	6.61	**0.63 ± 0.21**	**0.61 ± 0.29**	**0.48 ± 0.21**	**0.66 ± 0.27**	**0.56 ± 0.21**	**0.61 ± 0.29**	**0.73 ± 0.29**
Bismuth-212	N/A	<0.62 ± 0.37	<0.78 ± 0.37	<0.59 ± 0.29	<0.74 ± 0.35	<0.48 ± 0.22	<0.79 ± 0.36	<0.8 ± 0.4
Bismuth-214	N/A	**0.59 ± 0.18**	**0.56 ± 0.17**	**0.73 ± 0.18**	**0.68 ± 0.19**	**0.75 ± 0.2**	**0.55 ± 0.18**	**0.61 ± 0.17**
Cesium-137	N/A	**0.1 ± 0.051**	<0.065 ± 0.033	<0.067 ± 0.033	<0.087 ± 0.045	<0.1 ± 0.054	<0.11 ± 0.054	<0.097 ± 0.05
Cobalt-60	N/A	<0.078 ± 0.035	<0.063 ± 0.043	<0.079 ± 0.036	<0.088 ± 0.042	<0.077 ± 0.04	<0.06 ± 0.033	<0.068 ± 0.045
Lead-212	N/A	**0.65 ± 0.13**	**0.42 ± 0.12**	**0.329 ± 0.079**	**0.47 ± 0.14**	**0.55 ± 0.14**	**0.47 ± 0.13**	**0.64 ± 0.13**
Lead-214	N/A	**0.61 ± 0.13**	**0.64 ± 0.15**	**0.69 ± 0.13**	**0.61 ± 0.15**	**0.74 ± 0.16**	**0.65 ± 0.15**	**0.72 ± 0.15**
Potassium-40	N/A	**13.7 ± 2.5**	**12 ± 2.4**	**7.9 ± 1.7**	**17 ± 3.3**	**12.8 ± 2.5**	**12.3 ± 2.6**	**13.2 ± 2.9**
Radium-224	N/A	<1.3 ± 01± 1	<1.5 ± 1.2	<1.1 ± 0.84	**2.9 ± 1.9**	**1.8 ± 1.3**	**2.1 ± 1.5**	<1.7 ± 1.1
Radium-226	N/A	**1.52 ± 0.8**	<1.5 ± 0.73	**1.2 ± 0.59**	**1.24 ± 0.74**	**1.35 ± 0.82**	**1.6 ± 1.3**	**1.52 ± 0.79**
Thallium-208	N/A	**0.213 ± 0.077**	**0.176 ± 0.074**	**0.169 ± 0.066**	**0.173 ± 0.071**	**0.18 ± 0.068**	**0.184 ± 0.078**	**0.248 ± 0.094**
Thorium-234	N/A	<0.84 ± 0.45	<0.83 ± 0.43	<0.6 ± 0.32	<0.86 ± 0.47	<0.78 ± 0.42	<0.9 ± 0.47	<0.83 ± 0.45
Uranium 235 and 236	N/A	<0.28 ± 0.16	<0.33 ± 0.18	<0.25 ± 0.14	<0.28 ± 0.17	<0.31 ± 0.17	<0.33 ± 0.19	<0.35 ± 0.19

Notes:

RO	Remediation objective
N/A	Not applicable
pCi/g	picoCuries per gram
ft	feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-59-0000	TS6-SS-60-0000	TS6-SS-61-0000	TS6-SS-62-0000	TS6-SS-63-0000	TS6-SS-64-0000	TS6-SS-64A-0000
Date Collected		10/3/2003	10/6/2003	10/6/2003	10/6/2003	9/25/2003	9/25/2003	9/25/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**							
Radionuclide/E901.1 (pCi/g)								
Actinium-228	6.61	**0.55 ± 0.28**	**0.38 ± 0.19**	**1.18 ± 0.43**	**0.52 ± 0.18**	**0.86 ± 0.33**	**0.85 ± 0.27**	<0.6 ± 0.31
Bismuth-212	N/A	**0.71 ± 0.42**	<0.58 ± 0.28	<1.2 ± 0.55	<0.66 ± 0.3	<0.97 ± 0.47	<0.83 ± 0.4	<0.97 ± 0.46
Bismuth-214	N/A	**0.72 ± 0.19**	**1.65 ± 0.31**	**0.72 ± 0.23**	**0.75 ± 0.19**	**0.85 ± 0.2**	**0.79 ± 0.2**	**0.87 ± 0.22**
Cesium-137	N/A	<0.076 ± 0.041	<0.076 ± 0.041	<0.17 ± 0.082	<0.09 ± 0.047	<0.096 ± 0.047	<0.098 ± 0.05	<0.13 ± 0.062
Cobalt-60	N/A	<0.078 ± 0.035	<0.093 ± 0.048	<0.1 ± 0.06	<0.081 ± 0.037	<0.075 ± 0.044	<0.12 ± 0.063	<0.1 ± 0.051
Lead-212	N/A	**0.67 ± 0.16**	**0.345 ± 0.084**	**1.14 ± 0.24**	**0.39 ± 0.11**	**0.69 ± 0.16**	**0.61 ± 0.15**	**0.65 ± 0.17**
Lead-214	N/A	**0.73 ± 0.15**	**1.8 ± 0.27**	**0.87 ± 0.19**	**0.7 ± 0.15**	**0.81 ± 0.17**	**0.85 ± 0.18**	**0.83 ± 0.19**
Potassium-40	N/A	**13.8 ± 2.7**	**11.4 ± 2.2**	**16.1 ± 3.2**	**10.1 ± 2.2**	**16.4 ± 3.2**	**14.7 ± 2.8**	**15.4 ± 3.1**
Radium-224	N/A	**1.8 ± 1.4**	**3.2 ± 2.1**	**3.0 ± 2.1**	**1.9 ± 1.3**	<1.7 ± 1.2	**2.0 ± 1.4**	**2.6 ± 1.9**
Radium-226	N/A	**1.49 ± 0.73**	**1.96 ± 0.99**	<1.8 ± 0.9	**1.16 ± 0.83**	**1.8 ± 1.1**	**1.37 ± 0.88**	<1.3 ± 0.99
Thallium-208	N/A	**0.198 ± 0.074**	**0.112 ± 0.055**	**0.53 ± 0.14**	**0.158 ± 0.064**	**0.283 ± 0.097**	**0.277 ± 0.092**	**0.34 ± 0.11**
Thorium-234	N/A	<0.84 ± 0.5	**1.69 ± 0.59**	<1.2 ± 0.71	<0.75 ± 0.43	<0.92 ± 0.35	<0.88 ± 0.48	<0.96 ± 0.52
Uranium 235 and 236	N/A	<0.33 ± 0.19	<0.35 ± 0.19	<0.45 ± 0.25	<0.3 ± 0.16	<0.34 ± 0.2	<0.31 ± 0.17	<0.41 ± 0.22

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-65-0000	TS6-SS-66-0000	TS6-SS-67-0000	TS6-SS-68-0000	TS6-SS-69-0000	TS6-SS-70-0000	TS6-SS-71-0000
Date Collected		9/25/2003	9/25/2003	9/25/2003	9/25/2003	9/25/2003	9/25/2003	9/25/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**							
Radionuclide/E901.1 (pCi/g)								
Actinium-228	6.61	<0.57 ± 0.28	**0.61 ± 0.24**	**1.1 ± 0.34**	**0.8 ± 0.27**	**0.78 ± 0.32**	**0.93 ± 0.28**	**0.88 ± 0.36**
Bismuth-212	N/A	<0.79 ± 0.33	<0.78 ± 0.38	<0.89 ± 0.42	<0.78 ± 0.38	<0.86 ± 0.42	<0.69 ± 0.48	<0.82 ± 0.39
Bismuth-214	N/A	**0.71 ± 0.2**	**0.63 ± 0.2**	**0.83 ± 0.22**	**0.79 ± 0.2**	**0.6 ± 0.19**	**0.71 ± 0.19**	**0.86 ± 0.23**
Cesium-137	N/A	<0.13 ± 0.061	<0.091 ± 0.051	<0.088 ± 0.05	**0.114 ± 0.068**	**0.194 ± 0.072**	<0.11 ± 0.055	<0.1 ± 0.055
Cobalt-60	N/A	<0.12 ± 0.045	<0.074 ± 0.046	<0.087 ± 0.041	<0.11 ± 0.049	<0.084 ± 0.04	<0.088 ± 0.043	<0.12 ± 0.06
Lead-212	N/A	**0.67 ± 0.16**	**0.65 ± 0.13**	**0.63 ± 0.16**	**0.82 ± 0.18**	**0.69 ± 0.18**	**0.79 ± 0.16**	**0.68 ± 0.2**
Lead-214	N/A	**0.7 ± 0.17**	**0.72 ± 0.15**	**0.79 ± 0.17**	**0.78 ± 0.16**	**0.78 ± 0.19**	**0.75 ± 0.16**	**0.87 ± 0.19**
Potassium-40	N/A	**15.4 ± 3.2**	**16 ± 3**	**13.4 ± 2.9**	**15.7 ± 3**	**16 ± 3.2**	**16.6 ± 3.2**	**17.7 ± 3.4**
Radium-224	N/A	<1.7 ± 1.3	<1.7 ± 0.99	**1.9 ± 1.5**	**1.6 ± 1.3**	**2.4 ± 1.7**	<1.0 ± 0.74	**3.0 ± 2**
Radium-226	N/A	<1.7 ± 0.83	<1.4 ± 0.73	<1.3 ± 0.97	<1.2 ± 1.2	**1.7 ± 1.2**	<1.5 ± 0.8	<1.7 ± 0.91
Thallium-208	N/A	**0.296 ± 0.095**	**0.276 ± 0.083**	**0.33 ± 0.11**	**0.28 ± 0.096**	**0.31 ± 0.12**	**0.225 ± 0.096**	**0.29 ± 0.1**
Thorium-234	N/A	<1.0 ± 0.53	<0.89 ± 0.54	<0.92 ± 0.5	<0.85 ± 0.46	<0.97 ± 0.52	<0.99 ± 0.56	<1.0 ± 0.54
Uranium 235 and 236	N/A	<0.33 ± 0.22	<0.32 ± 0.18	<0.36 ± 0.2	<0.32 ± 0.18	<0.4 ± 0.23	<0.34 ± 0.19	<0.41 ± 0.23

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-72-0000	TS6-SS-73-0000	TS6-SS-74-0000	TS6-SS-74A-0000	TS6-SS-75-0000	TS6-SS-76-0000	TS6-SS-77-0000
Date Collected		9/25/2003	9/25/2003	9/25/2003	9/25/2003	9/25/2003	9/25/2003	9/25/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**							
Radionuclide/E901.1 (pCi/g)								
Actinium-228	6.61	**0.82 ± 0.32**	**0.76 ± 0.27**	**0.78 ± 0.23**	**0.58 ± 0.26**	**0.72 ± 0.28**	**0.72 ± 0.31**	**0.61 ± 0.27**
Bismuth-212	N/A	<0.87 ± 0.44	<0.65 ± 0.33	<0.6 ± 0.46	<0.93 ± 0.44	<0.9 ± 0.42	<0.56 ± 0.43	<0.75 ± 0.33
Bismuth-214	N/A	**0.89 ± 0.28**	**0.62 ± 0.19**	**0.63 ± 0.18**	**0.83 ± 0.22**	**0.59 ± 0.19**	**0.62 ± 0.18**	**0.7 ± 0.19**
Cesium-137	N/A	<0.094 ± 0.056	<0.094 ± 0.048	<0.062 ± 0.032	<0.078 ± 0.039	<0.078 ± 0.041	<0.068 ± 0.038	**0.201 ± 0.081**
Cobalt-60	N/A	<0.15 ± 0.07	<0.11 ± 0.054	<0.1 ± 0.046	<0.084 ± 0.041	<0.1 ± 0.043	<0.072 ± 0.043	<0.11 ± 0.052
Lead-212	N/A	**0.99 ± 0.2**	**0.69 ± 0.14**	**0.61 ± 0.13**	**0.69 ± 0.17**	**0.85 ± 0.19**	**0.6 ± 0.15**	**0.57 ± 0.16**
Lead-214	N/A	**0.94 ± 0.18**	**0.75 ± 0.15**	**0.74 ± 0.14**	**0.79 ± 0.16**	**0.68 ± 0.19**	**0.73 ± 0.16**	**0.66 ± 0.17**
Potassium-40	N/A	**15.3 ± 3.1**	**13.1 ± 2.8**	**14.1 ± 2.7**	**14 ± 2.7**	**13.9 ± 2.9**	**13.4 ± 2.7**	**16 ± 3.1**
Radium-224	N/A	**2.5 ± 1.8**	**2.6 ± 1.7**	**2.4 ± 1.6**	**1.8 ± 1.4**	<1.8 ± 1.4	**2.7 ± 1.8**	<1.8 ± 1.5
Radium-226	N/A	**2.2 ± 1.2**	<1.4 ± 0.75	**1.3 ± 0.85**	**3.0 ± 1.3**	<1.3 ± 1.1	<1.2 ± 0.64	<1.1 ± 0.8
Thallium-208	N/A	**0.241 ± 0.09**	**0.224 ± 0.087**	**0.253 ± 0.082**	**0.254 ± 0.091**	**0.28 ± 0.11**	**0.233 ± 0.082**	**0.264 ± 0.089**
Thorium-234	N/A	<1.1 ± 0.62	<0.88 ± 0.47	**1.04 ± 0.49**	**1.0 ± 0.52**	<1.0 ± 0.54	<0.81 ± 0.44	<0.94 ± 0.57
Uranium 235 and 236	N/A	<0.41 ± 0.22	<0.31 ± 0.19	<0.29 ± 0.16	<0.34 ± 0.18	<0.32 ± 0.2	<0.32 ± 0.18	<0.35 ± 0.19

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-78-0000	TS6-SS-79-0000	TS6-SS-80-0000	TS6-SS-81-0000	TS6-SS-82-0000	TS6-SS-83-0000	TS6-SS-84-0000
Date Collected		9/25/2003	9/25/2003	9/25/2003	9/25/2003	9/25/2003	9/25/2003	9/25/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**							
Radionuclide/E901.1 (pCi/g)								
Actinium-228	6.61	**0.68 ± 0.28**	**0.87 ± 0.28**	**1.08 ± 0.33**	**0.86 ± 0.37**	**0.7 ± 0.29**	**0.63 ± 0.28**	**0.79 ± 0.28**
Bismuth-212	N/A	<0.72 ± 0.37	<0.93 ± 0.47	**0.82 ± 0.58**	<0.8 ± 0.4	<0.8 ± 0.38	<0.68 ± 0.35	<0.82 ± 0.42
Bismuth-214	N/A	**0.66 ± 0.19**	**0.7 ± 0.2**	**1.03 ± 0.23**	**0.73 ± 0.21**	**0.75 ± 0.21**	**0.75 ± 0.21**	**0.96 ± 0.26**
Cesium-137	N/A	<0.12 ± 0.056	<0.12 ± 0.057	<0.1 ± 0.054	<0.068 ± 0.044	<0.072 ± 0.038	**0.117 ± 0.063**	<0.1 ± 0.054
Cobalt-60	N/A	<0.072 ± 0.04	<0.08 ± 0.043	<0.095 ± 0.044	<0.11 ± 0.06	<0.071 ± 0.033	<0.1 ± 0.048	<0.1 ± 0.052
Lead-212	N/A	**0.63 ± 0.13**	**0.55 ± 0.16**	**0.83 ± 0.21**	**0.83 ± 0.19**	**0.62 ± 0.16**	**0.46 ± 0.13**	**0.82 ± 0.18**
Lead-214	N/A	**0.79 ± 0.15**	**0.72 ± 0.18**	**0.78 ± 0.18**	**0.71 ± 0.17**	**0.8 ± 0.16**	**0.76 ± 0.15**	**0.85 ± 0.2**
Potassium-40	N/A	**14.1 ± 2.7**	**14.8 ± 3.1**	**16.8 ± 3.3**	**13 ± 2.6**	**12.6 ± 2.5**	**11.7 ± 2.5**	**14.8 ± 3.2**
Radium-224	N/A	**2.1 ± 1.5**	**2.5 ± 1.8**	**5.1 ± 3.2**	**2.5 ± 1.8**	**1.8 ± 1.3**	**2.5 ± 1.7**	**2.8 ± 1.9**
Radium-226	N/A	**1.41 ± 0.81**	<1.6 ± 0.83	**1.9 ± 1.1**	**1.49 ± 0.97**	**1.16 ± 0.81**	<1.2 ± 0.88	**1.9 ± 1.1**
Thallium-208	N/A	**0.208 ± 0.091**	**0.275 ± 0.096**	**0.36 ± 0.11**	**0.257 ± 0.09**	**0.213 ± 0.073**	**0.221 ± 0.071**	**0.3 ± 0.11**
Thorium-234	N/A	<0.9 ± 0.48	<0.99 ± 0.52	<1.1 ± 0.59	<1.0 ± 0.55	**1.11 ± 0.48**	<0.83 ± 0.45	<1.1 ± 0.6
Uranium 235 and 236	N/A	<0.31 ± 0.17	<0.38 ± 0.21	<0.4 ± 0.22	<0.35 ± 0.2	<0.29 ± 0.16	<0.33 ± 0.18	<0.4 ± 0.22

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-84A-0000	TS6-SS-85-0000	TS6-SS-86-0000	TS6-SS-87-0000	TS6-SS-88-0000	TS6-SS-89-0000	TS6-SS-90-0000
Date Collected		9/25/2003	9/25/2003	9/25/2003	9/25/2003	9/25/2003	9/25/2003	9/25/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	RO							
Radionuclide/E901.1 (pCi/g)								
Actinium-228	6.61	**1.14 ± 0.45**	**0.65 ± 0.22**	**1.64 ± 0.48**	**1.18 ± 0.39**	**1.17 ± 0.33**	**0.81 ± 0.26**	**1.33 ± 0.46**
Bismuth-212	N/A	<0.98 ± 0.47	<0.73 ± 0.38	<1.1 ± 0.61	**1.11 ± 0.51**	<0.84 ± 0.39	**0.71 ± 0.46**	**0.76 ± 0.45**
Bismuth-214	N/A	**0.98 ± 0.29**	**0.67 ± 0.19**	**1.16 ± 0.32**	**1.05 ± 0.25**	**0.68 ± 0.2**	**0.65 ± 0.22**	**0.8 ± 0.26**
Cesium-137	N/A	<0.097 ± 0.052	<0.084 ± 0.042	<0.16 ± 0.079	<0.089 ± 0.052	<0.07 ± 0.039	<0.076 ± 0.045	<0.1 ± 0.053
Cobalt-60	N/A	<0.13 ± 0.061	<0.1 ± 0.047	<0.14 ± 0.068	<0.099 ± 0.048	<0.078 ± 0.038	<0.096 ± 0.049	<0.1 ± 0.047
Lead-212	N/A	**0.65 ± 0.18**	**0.47 ± 0.14**	**1.36 ± 0.31**	**1.29 ± 0.24**	**0.87 ± 0.2**	**0.74 ± 0.15**	**1.31 ± 0.26**
Lead-214	N/A	**1.13 ± 0.23**	**0.65 ± 0.14**	**1.18 ± 0.3**	**0.89 ± 0.17**	**0.76 ± 0.16**	**0.73 ± 0.15**	**0.97 ± 0.23**
Potassium-40	N/A	**15.6 ± 3.2**	**12.6 ± 2.5**	**16.9 ± 3.6**	**11.4 ± 2.8**	**14.8 ± 3**	**13.3 ± 2.7**	**13.1 ± 3**
Radium-224	N/A	**2.7 ± 2**	**1.7 ± 1.3**	**3.1 ± 2.3**	**1.24 ± 0.83**	**2.4 ± 1.7**	**2.5 ± 1.7**	**2.9 ± 2**
Radium-226	N/A	**2.5 ± 01± 1**	**1.3 ± 1.2**	**2.1 ± 1.3**	**2.0 ± 1.3**	**1.75 ± 0.85**	**1.92 ± 0.77**	<2.0 ± 01± 1
Thallium-208	N/A	**0.34 ± 0.13**	**0.226 ± 0.08**	**0.53 ± 0.15**	**0.38 ± 0.12**	**0.43 ± 0.11**	**0.177 ± 0.082**	**0.43 ± 0.12**
Thorium-234	N/A	<1.1 ± 0.74	<0.8 ± 0.47	<1.6 ± 0.84	<1.1 ± 0.61	<1.0 ± 0.59	<0.85 ± 0.46	**1.8 ± 01± 1**
Uranium 235 and 236	N/A	<0.43 ± 0.24	<0.31 ± 0.17	<0.54 ± 0.3	<0.39 ± 0.22	<0.36 ± 0.2	<0.34 ± 0.18	<0.43 ± 0.24

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-91-0000	TS6-SS-92-0000	TS6-SS-93-0000	TS6-SS-94-0000	TS6-SS-94A-0000	TS6-SS-95-0000	TS6-SS-96-0000
Date Collected		9/25/2003	9/25/2003	9/25/2003	9/25/2003	9/25/2003	9/25/2003	9/25/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**							
Radionuclide/E901.1 (pCi/g)								
Actinium-228	6.61	**0.84 ± 0.27**	**0.52 ± 0.22**	**0.43 ± 0.2**	**0.74 ± 0.23**	**0.66 ± 0.25**	**0.86 ± 0.34**	**0.68 ± 0.3**
Bismuth-212	N/A	<0.63 ± 0.32	<0.79 ± 0.38	<0.43 ± 0.27	<0.64 ± 0.3	<0.68 ± 0.34	<0.96 ± 0.46	<0.97 ± 0.46
Bismuth-214	N/A	**0.74 ± 0.2**	**0.54 ± 0.19**	**0.4 ± 0.13**	**0.58 ± 0.15**	**0.41 ± 0.15**	**0.61 ± 0.22**	**1.0 ± 0.26**
Cesium-137	N/A	<0.083 ± 0.042	<0.099 ± 0.049	<0.057 ± 0.028	<0.08 ± 0.041	<0.078 ± 0.04	<0.1 ± 0.053	<0.11 ± 0.059
Cobalt-60	N/A	<0.083 ± 0.043	<0.082 ± 0.039	<0.082 ± 0.033	<0.074 ± 0.031	<0.079 ± 0.035	<0.082 ± 0.041	<0.084 ± 0.05
Lead-212	N/A	**0.76 ± 0.17**	**0.46 ± 0.13**	**0.43 ± 0.12**	**0.54 ± 0.1**	**0.59 ± 0.13**	**0.66 ± 0.16**	**0.8 ± 0.18**
Lead-214	N/A	**0.64 ± 0.14**	**0.69 ± 0.15**	**0.52 ± 0.14**	**0.68 ± 0.11**	**0.53 ± 0.12**	**0.8 ± 0.17**	**0.87 ± 0.19**
Potassium-40	N/A	**9.5 ± 2.3**	**13.5 ± 2.8**	**9.5 ± 2**	**11.6 ± 1.9**	**10.7 ± 2.3**	**15.1 ± 3**	**17 ± 3.3**
Radium-224	N/A	**2.6 ± 1.7**	**2.2 ± 1.5**	<1.2 ± 0.84	**2.1 ± 1.4**	**2.9 ± 1.9**	<1.6 ± 1.1	**2.0 ± 1.6**
Radium-226	N/A	<1.0 ± 0.78	<1.3 ± 0.69	<1.1 ± 0.57	**1.6 ± 1.1**	**1.48 ± 0.79**	**1.3 ± 1.1**	<1.8 ± 0.92
Thallium-208	N/A	**0.247 ± 0.079**	**0.178 ± 0.073**	**0.099 ± 0.064**	**0.18 ± 0.065**	**0.222 ± 0.083**	**0.252 ± 0.082**	**0.233 ± 0.099**
Thorium-234	N/A	<0.77 ± 0.42	**1.08 ± 0.58**	<0.69 ± 0.37	**0.82 ± 0.41**	<0.74 ± 0.4	<0.98 ± 0.52	**1.34 ± 0.62**
Uranium 235 and 236	N/A	<0.32 ± 0.18	<0.32 ± 0.18	<0.31 ± 0.17	<0.29 ± 0.16	<0.31 ± 0.17	<0.31 ± 0.19	<0.38 ± 0.22

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-97-0000	TS6-SS-98-0000	TS6-SS-99-0000	TS6-SS-100-0000	TS6-SS-101-0000	TS6-SS-102-0000
Date Collected		9/25/2003	9/25/2003	9/25/2003	9/25/2003	9/25/2003	9/25/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclide/E901.1 (pCi/g)							
Actinium-228	6.61	**1.68 ± 0.44**	**0.82 ± 0.27**	**0.34 ± 0.23**	**0.94 ± 0.28**	<0.51 ± 0.25	**0.75 ± 0.24**
Bismuth-212	N/A	<1.1 ± 0.52	<0.56 ± 0.51	<0.69 ± 0.32	<0.53 ± 0.43	<0.64 ± 0.28	<0.8 ± 0.4
Bismuth-214	N/A	**0.58 ± 0.22**	**0.68 ± 0.21**	**0.68 ± 0.18**	**0.77 ± 0.22**	**0.71 ± 0.2**	**0.73 ± 0.2**
Cesium-137	N/A	<0.1 ± 0.05	**0.122 ± 0.057**	<0.097 ± 0.047	<0.086 ± 0.088	<0.093 ± 0.042	<0.094 ± 0.049
Cobalt-60	N/A	<0.12 ± 0.056	<0.071 ± 0.035	<0.047 ± 0.028	<0.089 ± 0.044	<0.081 ± 0.035	<0.092 ± 0.049
Lead-212	N/A	**1.36 ± 0.28**	**0.8 ± 0.16**	**0.55 ± 0.12**	**0.86 ± 0.18**	**0.38 ± 0.12**	**0.75 ± 0.15**
Lead-214	N/A	**0.69 ± 0.17**	**0.51 ± 0.14**	**0.51 ± 0.12**	**0.75 ± 0.17**	**0.71 ± 0.16**	**0.79 ± 0.15**
Potassium-40	N/A	**13.1 ± 2.8**	**12 ± 2.4**	**13.9 ± 2.6**	**15.9 ± 3**	**9.8 ± 2.1**	**12 ± 2.6**
Radium-224	N/A	**2.5 ± 1.9**	<1.0 ± 0.61	**1.5 ± 1.1**	**2.4 ± 1.7**	<1.4 ± 1.1	**3.4 ± 2.2**
Radium-226	N/A	**1.7 ± 1.3**	**1.88 ± 0.87**	**1.0 ± 0.7**	**1.4 ± 01± 1**	<1.6 ± 0.8	<1.4 ± 0.74
Thallium-208	N/A	**0.61 ± 0.17**	**0.264 ± 0.081**	**0.111 ± 0.059**	**0.304 ± 0.088**	**0.19 ± 0.086**	**0.268 ± 0.099**
Thorium-234	N/A	**3.92 ± 0.88**	<0.81 ± 0.45	<0.76 ± 0.41	<0.95 ± 0.52	<0.88 ± 0.45	<0.83 ± 0.5
Uranium 235 and 236	N/A	<0.45 ± 0.25	<0.33 ± 0.18	<0.3 ± 0.17	<0.35 ± 0.19	<0.3 ± 0.19	<0.34 ± 0.19

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-103-0000	TS6-SS-104-0000	TS6-SS-104A-0000	TS6-SS-105-0000	TS6-SS-106-0000	TS6-SS-107-0000
Date Collected		10/6/2003	10/6/2003	10/6/2003	10/6/2003	10/6/2003	10/6/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclide/E901.1 (pCi/g)							
Actinium-228	6.61	**0.33 ± 0.18**	<0.4 ± 0.21	**0.55 ± 0.3**	**0.65 ± 0.26**	**0.71 ± 0.25**	**0.66 ± 0.33**
Bismuth-212	N/A	<0.59 ± 0.28	<0.65 ± 0.32	<0.63 ± 0.31	<0.8 ± 0.39	<0.7 ± 0.39	<0.74 ± 0.34
Bismuth-214	N/A	**0.2 ± 0.12**	**0.36 ± 0.14**	**0.39 ± 0.14**	**0.49 ± 0.16**	**0.73 ± 0.18**	**0.57 ± 0.19**
Cesium-137	N/A	<0.057 ± 0.031	<0.061 ± 0.035	<0.082 ± 0.038	<0.081 ± 0.041	<0.093 ± 0.048	<0.082 ± 0.044
Cobalt-60	N/A	<0.064 ± 0.033	<0.073 ± 0.033	<0.06 ± 0.036	<0.072 ± 0.039	<0.077 ± 0.039	<0.1 ± 0.047
Lead-212	N/A	**0.376 ± 0.093**	**0.44 ± 0.12**	**0.34 ± 0.11**	**0.52 ± 0.13**	**0.71 ± 0.15**	**0.73 ± 0.15**
Lead-214	N/A	**0.342 ± 0.091**	**0.47 ± 0.11**	**0.45 ± 0.12**	**0.47 ± 0.12**	**0.76 ± 0.15**	**0.82 ± 0.17**
Potassium-40	N/A	**10.5 ± 2.1**	**13.8 ± 2.6**	**10.8 ± 2.3**	**15.2 ± 2.9**	**12.6 ± 2.6**	**14.8 ± 2.9**
Radium-224	N/A	**1.4 ± 01± 1**	**1.8 ± 1.2**	<1.3 ± 0.86	**1.5 ± 1.1**	**2.7 ± 1.8**	**1.9 ± 1.3**
Radium-226	N/A	<0.94 ± 0.49	<1.0 ± 0.54	<1.1 ± 0.57	<1.4 ± 0.7	**1.99 ± 0.98**	<1.4 ± 1.3
Thallium-208	N/A	**0.136 ± 0.052**	**0.172 ± 0.063**	**0.167 ± 0.062**	**0.174 ± 0.061**	**0.223 ± 0.087**	**0.235 ± 0.083**
Thorium-234	N/A	<0.61 ± 0.33	<0.69 ± 0.37	<0.77 ± 0.54	<0.81 ± 0.43	<0.84 ± 0.33	**1.06 ± 0.53**
Uranium 235 and 236	N/A	<0.22 ± 0.13	<0.25 ± 0.14	<0.32 ± 0.18	<0.33 ± 0.18	<0.33 ± 0.18	<0.35 ± 0.2

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-108-0000	TS6-SS-109-0000	TS6-SS-110-0000	TS6-SS-111-0000	TS6-SS-112-0000	TS6-SS-113-0000
Date Collected		10/6/2003	10/6/2003	10/6/2003	10/6/2003	10/6/2003	9/25/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclide/E901.1 (pCi/g)							
Actinium-228	6.61	**0.79 ± 0.27**	**0.65 ± 0.24**	**1.34 ± 0.41**	**0.7 ± 0.27**	**0.58 ± 0.28**	**1.32 ± 0.36**
Bismuth-212	N/A	<0.8 ± 0.37	<0.62 ± 0.34	<1.1 ± 0.51	<0.67 ± 0.33	<0.59 ± 0.37	<1.0 ± 0.48
Bismuth-214	N/A	**1.01 ± 0.23**	**0.78 ± 0.2**	**1.08 ± 0.27**	**0.53 ± 0.16**	**0.86 ± 0.22**	**0.99 ± 0.29**
Cesium-137	N/A	<0.097 ± 0.047	<0.099 ± 0.045	<0.11 ± 0.065	<0.088 ± 0.04	<0.1 ± 0.05	<0.14 ± 0.068
Cobalt-60	N/A	<0.091 ± 0.042	<0.096 ± 0.05	<0.1 ± 0.06	<0.092 ± 0.045	<0.11 ± 0.057	<0.1 ± 0.051
Lead-212	N/A	**0.78 ± 0.19**	**0.58 ± 0.13**	**0.98 ± 0.2**	**0.47 ± 0.14**	**0.67 ± 0.14**	**1.3 ± 0.25**
Lead-214	N/A	**0.89 ± 0.19**	**0.74 ± 0.17**	**1.14 ± 0.21**	**0.48 ± 0.13**	**1.06 ± 0.19**	**0.98 ± 0.19**
Potassium-40	N/A	**15.6 ± 3**	**15.7 ± 3**	**14.6 ± 3.1**	**12.9 ± 2.7**	**15 ± 2.9**	**16.5 ± 3.3**
Radium-224	N/A	**2.4 ± 1.7**	**1.9 ± 1.4**	**4.9 ± 3.1**	<1.3 ± 1.1	**2.1 ± 1.5**	**2.9 ± 2**
Radium-226	N/A	**1.8 ± 01± 1**	<1.6 ± 0.81	**2.3 ± 1.2**	<1.3 ± 0.67	**1.9 ± 1.2**	**1.5 ± 1.4**
Thallium-208	N/A	**0.306 ± 0.099**	**0.148 ± 0.088**	**0.25 ± 0.11**	**0.214 ± 0.069**	**0.296 ± 0.083**	**0.44 ± 0.13**
Thorium-234	N/A	<0.92 ± 0.5	**1.43 ± 0.58**	<1.2 ± 0.72	<0.75 ± 0.41	<0.9 ± 0.53	<1.2 ± 0.63
Uranium 235 and 236	N/A	<0.36 ± 0.19	<0.36 ± 0.21	<0.48 ± 0.26	<0.3 ± 0.16	<0.34 ± 0.19	<0.43 ± 0.24

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-114-0000	TS6-SS-114A-0000	TS6-SS-115-0000	TS6-SS-116-0000	TS6-SS-117-0000	TS6-SS-118-0000
Date Collected		9/25/2003	9/25/2003	9/25/2003	9/25/2003	9/25/2003	9/25/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclide/E901.1 (pCi/g)							
Actinium-228	6.61	**0.55 ± 0.25**	**0.69 ± 0.26**	**0.74 ± 0.27**	**0.72 ± 0.24**	**0.71 ± 0.34**	**0.97 ± 0.33**
Bismuth-212	N/A	**0.63 ± 0.39**	<0.95 ± 0.45	<0.79 ± 0.38	<0.78 ± 0.39	<0.88 ± 0.41	<1.0 ± 0.5
Bismuth-214	N/A	**0.89 ± 0.22**	**0.8 ± 0.23**	**0.56 ± 0.18**	**0.69 ± 0.19**	**0.58 ± 0.19**	**0.81 ± 0.27**
Cesium-137	N/A	<0.11 ± 0.053	<0.13 ± 0.063	<0.084 ± 0.04	<0.1 ± 0.052	**0.158 ± 0.071**	<0.13 ± 0.066
Cobalt-60	N/A	<0.12 ± 0.056	<0.11 ± 0.053	<0.12 ± 0.06	<0.082 ± 0.047	<0.095 ± 0.042	<0.11 ± 0.055
Lead-212	N/A	**0.56 ± 0.16**	**0.72 ± 0.19**	**0.41 ± 0.15**	**0.62 ± 0.15**	**0.47 ± 0.15**	**1.07 ± 0.21**
Lead-214	N/A	**0.86 ± 0.18**	**0.96 ± 0.21**	**0.59 ± 0.16**	**0.71 ± 0.16**	**0.62 ± 0.18**	**0.86 ± 0.17**
Potassium-40	N/A	**16.3 ± 3**	**14.9 ± 3.2**	**12.4 ± 2.8**	**14.6 ± 2.9**	**14.4 ± 2.9**	**15.2 ± 3.1**
Radium-224	N/A	**2.7 ± 1.8**	**2.2 ± 1.7**	<1.7 ± 1.2	**3.2 ± 2.1**	<1.7 ± 1.4	**2.7 ± 1.8**
Radium-226	N/A	<1.1 ± 0.82	**1.4 ± 1.2**	<1.5 ± 0.78	**1.26 ± 0.88**	<1.6 ± 0.85	**1.92 ± 0.95**
Thallium-208	N/A	**0.233 ± 0.074**	**0.27 ± 0.11**	**0.224 ± 0.081**	**0.185 ± 0.082**	**0.263 ± 0.099**	**0.35 ± 0.12**
Thorium-234	N/A	<0.94 ± 0.51	<1.1 ± 0.59	<0.93 ± 0.49	<0.87 ± 0.51	<0.97 ± 0.52	**1.76 ± 0.91**
Uranium 235 and 236	N/A	<0.36 ± 0.19	<0.41 ± 0.23	<0.35 ± 0.2	<0.33 ± 0.18	<0.36 ± 0.19	<0.41 ± 0.24

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-119-0000	TS6-SS-120-0000	TS6-SS-121-0000	TS6-SS-122-0000	TS6-SS-123-0000	TS6-SS-124-0000
Date Collected		9/25/2003	9/25/2003	9/25/2003	9/25/2003	9/25/2003	9/25/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclide/E901.1 (pCi/g)							
Actinium-228	6.61	**0.87 ± 0.37**	**0.88 ± 0.33**	**0.91 ± 0.32**	<0.42 ± 0.2	**0.86 ± 0.29**	**0.45 ± 0.24**
Bismuth-212	N/A	<0.74 ± 0.47	<0.79 ± 0.4	<0.83 ± 0.41	<0.76 ± 0.37	<1.0 ± 0.5	<0.59 ± 0.28
Bismuth-214	N/A	**1.08 ± 0.29**	**0.69 ± 0.19**	**0.88 ± 0.21**	**0.57 ± 0.19**	**1.09 ± 0.25**	**0.44 ± 0.16**
Cesium-137	N/A	<0.11 ± 0.055	<0.1 ± 0.073	<0.079 ± 0.048	**0.084 ± 0.049**	<0.085 ± 0.043	<0.087 ± 0.045
Cobalt-60	N/A	<0.14 ± 0.07	<0.091 ± 0.048	<0.11 ± 0.059	<0.075 ± 0.033	<0.14 ± 0.062	<0.068 ± 0.04
Lead-212	N/A	**1.01 ± 0.19**	**0.61 ± 0.14**	**0.82 ± 0.19**	**0.45 ± 0.13**	**0.68 ± 0.17**	**0.42 ± 0.11**
Lead-214	N/A	**1.0 ± 0.18**	**0.86 ± 0.17**	**1.0 ± 0.2**	**0.69 ± 0.15**	**0.91 ± 0.2**	**0.52 ± 0.13**
Potassium-40	N/A	**16.7 ± 3.4**	**16.2 ± 3.2**	**15.4 ± 3.1**	**12 ± 2.4**	**13.9 ± 3.2**	**13.6 ± 2.6**
Radium-224	N/A	<2.1 ± 1.3	<1.8 ± 1.3	**2.9 ± 2**	**1.8 ± 1.3**	**2.8 ± 1.9**	**2.0 ± 1.4**
Radium-226	N/A	**2.1 ± 0.96**	**2.1 ± 1.1**	<1.7 ± 0.87	<1.5 ± 0.75	<1.8 ± 0.95	<1.2 ± 0.64
Thallium-208	N/A	**0.34 ± 0.11**	**0.314 ± 0.0999**	**0.29 ± 0.12**	**0.14 ± 0.069**	**0.269 ± 0.094**	**0.193 ± 0.073**
Thorium-234	N/A	<1.1 ± 0.59	<0.93 ± 0.52	<0.96 ± 0.53	**0.88 ± 0.6**	<1.2 ± 0.62	**0.72 ± 0.55**
Uranium 235 and 236	N/A	<0.41 ± 0.23	<0.38 ± 0.21	<0.37 ± 0.2	<0.33 ± 0.18	<0.44 ± 0.24	<0.3 ± 0.16

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-124A-0000	TS6-SS-125-0000	TS6-SS-126-0000	TS6-SS-127-0000	TS6-SS-128-0000	TS6-SS-129-0000
Date Collected		9/25/2003	10/10/2003	9/25/2003	9/25/2003	10/10/2003	9/25/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclide/E901.1 (pCi/g)							
Actinium-228	6.61	**0.29 ± 0.15**	**0.6 ± 0.22**	**1.07 ± 0.32**	**0.74 ± 0.25**	**0.86 ± 0.27**	**1.13 ± 0.34**
Bismuth-212	N/A	<0.51 ± 0.26	<0.9 ± 0.42	<1.1 ± 0.5	**0.69 ± 0.45**	<0.98 ± 0.47	<0.98 ± 0.45
Bismuth-214	N/A	**0.4 ± 0.12**	**0.76 ± 0.2**	**1.06 ± 0.3**	**0.81 ± 0.21**	**0.82 ± 0.21**	**0.66 ± 0.21**
Cesium-137	N/A	<0.06 ± 0.033	**0.126 ± 0.063**	<0.11 ± 0.06	<0.1 ± 0.052	**0.128 ± 0.077**	<0.098 ± 0.056
Cobalt-60	N/A	<0.058 ± 0.032	<0.045 ± 0.031	<0.14 ± 0.058	<0.1 ± 0.051	<0.088 ± 0.042	<0.089 ± 0.039
Lead-212	N/A	**0.314 ± 0.095**	**0.7 ± 0.17**	**0.83 ± 0.2**	**0.72 ± 0.17**	**0.84 ± 0.2**	**0.77 ± 0.19**
Lead-214	N/A	**0.309 ± 0.095**	**0.69 ± 0.16**	**1.19 ± 0.24**	**0.87 ± 0.18**	**0.73 ± 0.17**	**0.69 ± 0.17**
Potassium-40	N/A	**8.6 ± 1.9**	**12.8 ± 2.6**	**17.4 ± 3.6**	**13.9 ± 2.7**	**12.6 ± 2.7**	**7.7 ± 1.8**
Radium-224	N/A	**1.9 ± 1.2**	**2.0 ± 1.4**	**3.8 ± 2.5**	**2.5 ± 1.8**	**2.2 ± 1.6**	<1.6 ± 1.1
Radium-226	N/A	<0.95 ± 0.51	<1.6 ± 0.79	<1.9 ± 0.99	**1.97 ± 0.82**	<1.6 ± 0.84	**1.8 ± 01± 1**
Thallium-208	N/A	**0.122 ± 0.056**	**0.36 ± 0.12**	**0.27 ± 0.096**	**0.255 ± 0.089**	**0.36 ± 0.12**	**0.33 ± 0.11**
Thorium-234	N/A	<0.66 ± 0.35	<0.95 ± 0.55	<1.2 ± 0.63	<0.97 ± 0.53	**1.04 ± 0.58**	<1.0 ± 0.55
Uranium 235 and 236	N/A	<0.24 ± 0.13	<0.36 ± 0.21	<0.45 ± 0.25	<0.37 ± 0.2	<0.34 ± 0.2	<0.37 ± 0.2

Notes:

RO	Remediation objective
N/A	Not applicable
pCi/g	picoCuries per gram
ft	feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-130-0000	TS6-SS-131-0000	TS6-SS-132-0000	TS6-SS-133-0000	TS6-SS-134-0000	TS6-SS-134A-0000
Date Collected		9/25/2003	9/25/2003	9/25/2003	9/30/2003	10/3/2003	10/3/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclide/E901.1 (pCi/g)							
Actinium-228	6.61	**0.66 ± 0.44**	**1.04 ± 0.31**	**1.45 ± 0.39**	**0.93 ± 0.33**	<0.47 ± 0.24	**0.62 ± 0.22**
Bismuth-212	N/A	<0.96 ± 0.49	<1.2 ± 0.56	**1.28 ± 0.64**	<1.0 ± 0.53	<0.73 ± 0.34	<0.76 ± 0.35
Bismuth-214	N/A	**1.04 ± 0.27**	**0.97 ± 0.27**	**0.96 ± 0.28**	**1.11 ± 0.27**	**0.47 ± 0.14**	**0.44 ± 0.15**
Cesium-137	N/A	<0.076 ± 0.047	<0.1 ± 0.058	<0.11 ± 0.061	<0.12 ± 0.064	<0.084 ± 0.039	<0.078 ± 0.037
Cobalt-60	N/A	<0.13 ± 0.058	<0.14 ± 0.061	<0.12 ± 0.056	<0.11 ± 0.051	<0.087 ± 0.035	<0.06 ± 0.036
Lead-212	N/A	**0.72 ± 0.19**	**0.9 ± 0.22**	**1.33 ± 0.25**	**0.97 ± 0.19**	**0.46 ± 0.1**	**0.42 ± 0.12**
Lead-214	N/A	**1.04 ± 0.2**	**1.05 ± 0.23**	**1.06 ± 0.2**	**1.02 ± 0.22**	**0.46 ± 0.12**	**0.47 ± 0.12**
Potassium-40	N/A	**13 ± 3**	**15.7 ± 3.3**	**18.8 ± 3.5**	**14.2 ± 3**	**8.2 ± 1.8**	**14.2 ± 2.8**
Radium-224	N/A	**4.1 ± 2.6**	**3.1 ± 2.2**	**4.0 ± 2.5**	<1.3 ± 0.92	<0.92 ± 0.56	**1.4 ± 1.1**
Radium-226	N/A	**2.18 ± 0.98**	**2.3 ± 1.3**	**2.1 ± 1.1**	**1.9 ± 1.2**	<1.2 ± 0.61	<1.2 ± 0.63
Thallium-208	N/A	**0.25 ± 0.095**	**0.27 ± 0.12**	**0.49 ± 0.13**	**0.31 ± 0.12**	**0.187 ± 0.076**	**0.189 ± 0.072**
Thorium-234	N/A	<1.1 ± 0.59	<1.3 ± 0.68	<1.1 ± 0.6	**1.65 ± 0.55**	<0.73 ± 0.4	<0.74 ± 0.4
Uranium 235 and 236	N/A	<0.4 ± 0.22	<0.45 ± 0.25	<0.38 ± 0.2	<0.42 ± 0.23	<0.24 ± 0.15	<0.3 ± 0.17

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-135-0000	TS6-SS-136-0000	TS6-SS-137-0000	TS6-SS-138-0000	TS6-SS-139-0000	TS6-SS-140-0000
Date Collected		10/3/2003	10/3/2003	9/30/2003	9/30/2003	9/30/2003	9/30/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclide/E901.1 (pCi/g)							
Actinium-228	6.61	**0.97 ± 0.34**	**0.97 ± 0.41**	**1.12 ± 0.34**	**0.8 ± 0.29**	**1.8 ± 0.5**	**0.86 ± 0.34**
Bismuth-212	N/A	<0.67 ± 0.35	**1.04 ± 0.66**	<1.1 ± 0.55	<1.3 ± 0.59	<1.3 ± 0.65	<1.1 ± 0.53
Bismuth-214	N/A	**0.56 ± 0.19**	**1.11 ± 0.26**	**0.89 ± 0.26**	**1.29 ± 0.32**	**0.93 ± 0.29**	**1.0 ± 0.28**
Cesium-137	N/A	<0.075 ± 0.04	<0.1 ± 0.054	<0.12 ± 0.063	<0.088 ± 0.05	<0.16 ± 0.079	<0.13 ± 0.066
Cobalt-60	N/A	<0.1 ± 0.051	<0.14 ± 0.065	<0.13 ± 0.071	<0.089 ± 0.056	<0.14 ± 0.067	<0.14 ± 0.069
Lead-212	N/A	**0.8 ± 0.19**	**0.74 ± 0.18**	**1.0 ± 0.21**	**0.76 ± 0.2**	**1.56 ± 0.32**	**1.05 ± 0.21**
Lead-214	N/A	**0.52 ± 0.14**	**1.11 ± 0.23**	**1.22 ± 0.23**	**1.23 ± 0.25**	**1.24 ± 0.27**	**1.24 ± 0.24**
Potassium-40	N/A	**14.6 ± 2.8**	**15.5 ± 3.1**	**18.4 ± 3.7**	**15.1 ± 3.1**	**15.3 ± 3.3**	**15.8 ± 3.3**
Radium-224	N/A	**2.0 ± 1.5**	**4.5 ± 2.8**	**3.4 ± 2.3**	<2.2 ± 1.6	**3.6 ± 2.4**	<1.5 ± 0.98
Radium-226	N/A	<1.5 ± 0.79	**1.6 ± 01± 1**	<2.1 ± 1.1	**1.7 ± 1.4**	<2.3 ± 1.2	**2.4 ± 1.4**
Thallium-208	N/A	**0.29 ± 0.093**	**0.34 ± 0.11**	**0.35 ± 0.12**	**0.39 ± 0.13**	**0.58 ± 0.17**	**0.26 ± 0.12**
Thorium-234	N/A	<0.86 ± 0.47	<1.1 ± 0.62	<1.2 ± 0.65	**1.5 ± 0.67**	**2.29 ± 0.87**	<1.3 ± 0.75
Uranium 235 and 236	N/A	<0.32 ± 0.18	<0.46 ± 0.24	<0.48 ± 0.26	<0.46 ± 0.25	<0.55 ± 0.31	<0.49 ± 0.27

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-141-0000	TS6-SS-142-0000	TS6-SS-143-0000	TS6-SS-144-0000	TS6-SS-144A-0000	TS6-SS-145-0000
Date Collected		9/30/2003	10/3/2003	9/25/2003	9/25/2003	9/25/2003	9/25/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclide/E901.1 (pCi/g)							
Actinium-228	6.61	**1.2 ± 0.4**	**0.55 ± 0.25**	**0.86 ± 0.29**	**0.65 ± 0.21**	**0.74 ± 0.23**	**0.81 ± 0.25**
Bismuth-212	N/A	<1.2 ± 0.55	<0.63 ± 0.32	<0.77 ± 0.36	<0.69 ± 0.34	<0.78 ± 0.38	<0.93 ± 0.42
Bismuth-214	N/A	**1.05 ± 0.31**	**0.46 ± 0.14**	**0.65 ± 0.21**	**0.58 ± 0.18**	**0.63 ± 0.17**	**0.92 ± 0.24**
Cesium-137	N/A	<0.15 ± 0.072	<0.063 ± 0.036	<0.13 ± 0.062	**0.081 ± 0.068**	<0.075 ± 0.046	<0.13 ± 0.062
Cobalt-60	N/A	<0.12 ± 0.057	<0.064 ± 0.03	<0.077 ± 0.037	<0.057 ± 0.031	<0.093 ± 0.042	<0.095 ± 0.052
Lead-212	N/A	**1.04 ± 0.24**	**0.333 ± 0.079**	**0.71 ± 0.15**	**0.66 ± 0.14**	**0.67 ± 0.16**	**0.53 ± 0.17**
Lead-214	N/A	**1.11 ± 0.22**	**0.415 ± 0.094**	**0.74 ± 0.14**	**0.75 ± 0.15**	**0.73 ± 0.15**	**0.74 ± 0.18**
Potassium-40	N/A	**17.6 ± 3.3**	**10.6 ± 2.2**	**15.1 ± 3**	**14.8 ± 2.8**	**14.9 ± 2.8**	**14 ± 2.9**
Radium-224	N/A	**3.0 ± 2.2**	<1.2 ± 0.72	**2.0 ± 1.4**	**2.3 ± 1.5**	**1.7 ± 1.3**	**2.0 ± 1.6**
Radium-226	N/A	<2.2 ± 1.1	<1.0 ± 0.53	**1.9 ± 1.1**	**1.29 ± 0.82**	<1.0 ± 0.88	<1.7 ± 0.9
Thallium-208	N/A	**0.35 ± 0.13**	**0.12 ± 0.058**	**0.209 ± 0.081**	**0.281 ± 0.085**	**0.237 ± 0.074**	**0.255 ± 0.093**
Thorium-234	N/A	<1.3 ± 0.72	<0.62 ± 0.35	**1.14 ± 0.55**	<0.85 ± 0.46	<0.78 ± 0.48	<1.0 ± 0.59
Uranium 235 and 236	N/A	<0.48 ± 0.26	<0.24 ± 0.13	<0.33 ± 0.18	<0.32 ± 0.17	<0.32 ± 0.17	<0.4 ± 0.23

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-146-0000	TS6-SS-147-0000	TS6-SS-148-0000	TS6-SS-149-0000	TS6-SS-150-0000	TS6-SS-151-0000
Date Collected		9/25/2003	9/25/2003	9/25/2003	10/10/2003	10/10/2003	9/25/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclide/E901.1 (pCi/g)							
Actinium-228	6.61	**0.45 ± 0.24**	**0.37 ± 0.2**	**0.49 ± 0.19**	**0.65 ± 0.24**	<0.62 ± 0.31	**0.53 ± 0.3**
Bismuth-212	N/A	<0.57 ± 0.29	<0.59 ± 0.28	<0.63 ± 0.3	<0.79 ± 0.37	<0.97 ± 0.44	<0.98 ± 0.44
Bismuth-214	N/A	**0.74 ± 0.18**	**0.45 ± 0.14**	**0.55 ± 0.15**	**0.87 ± 0.21**	**0.76 ± 0.23**	**0.77 ± 0.25**
Cesium-137	N/A	<0.074 ± 0.063	<0.074 ± 0.049	<0.09 ± 0.044	<0.1 ± 0.049	<0.085 ± 0.048	<0.088 ± 0.053
Cobalt-60	N/A	<0.063 ± 0.03	<0.081 ± 0.043	<0.082 ± 0.036	<0.11 ± 0.056	<0.1 ± 0.053	<0.099 ± 0.043
Lead-212	N/A	**0.51 ± 0.11**	**0.41 ± 0.12**	**0.48 ± 0.1**	**0.65 ± 0.15**	**0.82 ± 0.18**	**0.56 ± 0.16**
Lead-214	N/A	**0.58 ± 0.13**	**0.5 ± 0.13**	**0.61 ± 0.13**	**0.77 ± 0.16**	**0.86 ± 0.17**	**0.74 ± 0.17**
Potassium-40	N/A	**14.5 ± 2.8**	**11.6 ± 2.5**	**13.2 ± 2.5**	**12.8 ± 2.5**	**13.9 ± 2.9**	**13.9 ± 2.9**
Radium-224	N/A	**2.8 ± 1.8**	<1.2 ± 0.98	**1.8 ± 1.2**	**1.6 ± 1.3**	**2.3 ± 1.7**	**2.0 ± 1.5**
Radium-226	N/A	<1.3 ± 0.68	**1.38 ± 0.87**	<1.1 ± 0.6	**1.74 ± 0.9**	<1.6 ± 0.83	<1.6 ± 0.82
Thallium-208	N/A	**0.176 ± 0.073**	**0.166 ± 0.066**	**0.122 ± 0.054**	**0.3 ± 0.095**	**0.27 ± 0.1**	**0.224 ± 0.09**
Thorium-234	N/A	<0.76 ± 0.41	<0.72 ± 0.38	**1.17 ± 0.56**	<0.88 ± 0.47	<1.1 ± 0.44	<1.0 ± 0.54
Uranium 235 and 236	N/A	<0.29 ± 0.16	<0.29 ± 0.15	<0.25 ± 0.14	<0.35 ± 0.18	<0.37 ± 0.2	<0.38 ± 0.23

Notes:

RO	Remediation objective
N/A	Not applicable
pCi/g	picoCuries per gram
ft	feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-152-0000	TS6-SS-153-0000	TS6-SS-154-0000	TS6-SS-154A-0000	TS6-SS-155-0000	TS6-SS-156-0000
Date Collected		9/25/2003	9/25/2003	9/25/2003	9/25/2003	9/25/2003	9/25/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclide/E901.1 (pCi/g)							
Actinium-228	6.61	<0.49 ± 0.25	**1.54 ± 0.5**	**0.64 ± 0.24**	**0.75 ± 0.28**	**0.8 ± 0.24**	**1.38 ± 0.4**
Bismuth-212	N/A	<0.78 ± 0.36	<1.4 ± 0.67	<0.77 ± 0.38	<0.65 ± 0.31	<0.74 ± 0.36	**1.13 ± 0.54**
Bismuth-214	N/A	**0.58 ± 0.17**	**1.37 ± 0.35**	**0.91 ± 0.21**	**0.6 ± 0.18**	**0.62 ± 0.24**	**0.95 ± 0.26**
Cesium-137	N/A	<0.1 ± 0.048	<0.13 ± 0.067	<0.092 ± 0.044	<0.091 ± 0.043	**0.182 ± 0.094**	**0.14 ± 0.1**
Cobalt-60	N/A	<0.092 ± 0.043	<0.086 ± 0.041	<0.096 ± 0.048	<0.073 ± 0.037	<0.098 ± 0.049	<0.11 ± 0.049
Lead-212	N/A	**0.37 ± 0.12**	**1.4 ± 0.28**	**0.68 ± 0.14**	**0.58 ± 0.15**	**0.62 ± 0.17**	**1.13 ± 0.25**
Lead-214	N/A	**0.64 ± 0.15**	**1.38 ± 0.26**	**0.87 ± 0.16**	**0.75 ± 0.16**	**0.7 ± 0.18**	**1.14 ± 0.23**
Potassium-40	N/A	**13.4 ± 2.6**	**15.7 ± 3.3**	**14 ± 2.8**	**15 ± 2.9**	**14.7 ± 2.9**	**17.1 ± 3.4**
Radium-224	N/A	**1.8 ± 1.3**	**4.3 ± 2.8**	**2.4 ± 1.6**	**2.1 ± 1.5**	**1.9 ± 1.5**	**4.9 ± 3.1**
Radium-226	N/A	<1.4 ± 0.73	<2.3 ± 1.2	**1.29 ± 0.85**	<1.3 ± 0.66	<1.6 ± 0.79	**1.5 ± 1.1**
Thallium-208	N/A	**0.195 ± 0.076**	**0.44 ± 0.14**	**0.234 ± 0.086**	**0.159 ± 0.085**	**0.278 ± 0.09**	**0.39 ± 0.12**
Thorium-234	N/A	<0.79 ± 0.43	<1.5 ± 0.82	<0.85 ± 0.45	<0.84 ± 0.44	<0.97 ± 0.52	<1.1 ± 0.62
Uranium 235 and 236	N/A	<0.32 ± 0.17	<0.48 ± 0.27	<0.3 ± 0.18	<0.33 ± 0.17	<0.36 ± 0.2	<0.38 ± 0.22

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-157-0000	TS6-SS-158-0000	TS6-SS-159-0000	TS6-SS-160-0000	TS6-SS-161-0000	TS6-SS-162-0000
Date Collected		9/25/2003	9/25/2003	9/25/2003	9/25/2003	9/25/2003	9/25/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclide/E901.1 (pCi/g)							
Actinium-228	6.61	**1.6 ± 0.46**	**0.94 ± 0.38**	**1.54 ± 0.46**	**1.38 ± 0.42**	**1.16 ± 0.4**	**1.08 ± 0.48**
Bismuth-212	N/A	**1.07 ± 0.63**	<0.77 ± 0.45	<1.4 ± 0.64	<1.1 ± 0.52	**1.31 ± 0.57**	**0.92 ± 0.59**
Bismuth-214	N/A	**0.97 ± 0.25**	**1.11 ± 0.26**	**1.23 ± 0.33**	**1.1 ± 0.28**	**1.29 ± 0.36**	**1.07 ± 0.29**
Cesium-137	N/A	<0.13 ± 0.064	<0.13 ± 0.063	<0.12 ± 0.064	<0.15 ± 0.075	<0.13 ± 0.07	<0.13 ± 0.063
Cobalt-60	N/A	<0.13 ± 0.055	<0.12 ± 0.056	<0.095 ± 0.059	<0.15 ± 0.069	<0.12 ± 0.063	<0.11 ± 0.059
Lead-212	N/A	**1.62 ± 0.33**	**1.22 ± 0.24**	**1.13 ± 0.27**	**1.3 ± 0.26**	**1.39 ± 0.28**	**1.03 ± 0.25**
Lead-214	N/A	**1.1 ± 0.22**	**1.16 ± 0.21**	**1.39 ± 0.29**	**1.03 ± 0.26**	**1.53 ± 0.27**	**1.09 ± 0.25**
Potassium-40	N/A	**16.6 ± 3.4**	**17.2 ± 3.3**	**17.9 ± 3.8**	**16.9 ± 3.6**	**20 ± 3.9**	**17.3 ± 3.6**
Radium-224	N/A	**3.2 ± 2.3**	**4.0 ± 2.6**	<2.6 ± 2	<1.6 ± 1.1	**4.3 ± 2.8**	**3.0 ± 2.2**
Radium-226	N/A	<2.0 ± 1.1	**1.8 ± 01± 1**	**2.8 ± 1.2**	**1.7 ± 1.1**	**1.8 ± 1.2**	<2.0 ± 01± 1
Thallium-208	N/A	**0.64 ± 0.17**	**0.42 ± 0.12**	**0.33 ± 0.12**	**0.44 ± 0.13**	**0.38 ± 0.14**	**0.38 ± 0.12**
Thorium-234	N/A	**2.13 ± 0.77**	<1.1 ± 0.44	<1.6 ± 0.84	<1.3 ± 0.69	<1.4 ± 0.56	<1.4 ± 0.73
Uranium 235 and 236	N/A	<0.48 ± 0.26	<0.43 ± 0.24	<0.55 ± 0.31	<0.51 ± 0.28	<0.5 ± 0.27	<0.47 ± 0.28

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-163-0000	TS6-SS-164-0000	TS6-SS-164A-0000	TS6-SS-165-0000	TS6-SS-166-0000	TS6-SS-167-0000
Date Collected		9/26/2003	9/26/2003	9/26/2003	9/26/2003	9/26/2003	9/26/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclide/E901.1 (pCi/g)							
Actinium-228	6.61	**1.51 ± 0.54**	**1.75 ± 0.49**	**1.51 ± 0.42**	**1.27 ± 0.4**	**0.88 ± 0.39**	**0.93 ± 0.35**
Bismuth-212	N/A	<1.1 ± 0.54	<1.1 ± 0.54	**1.13 ± 0.56**	<1.1 ± 0.57	<1.2 ± 0.57	<0.86 ± 0.44
Bismuth-214	N/A	**1.22 ± 0.32**	**0.83 ± 0.24**	**0.84 ± 0.24**	**1.08 ± 0.27**	**0.99 ± 0.32**	**1.12 ± 0.3**
Cesium-137	N/A	<0.12 ± 0.069	<0.13 ± 0.079	<0.15 ± 0.072	<0.12 ± 0.06	<0.11 ± 0.06	<0.1 ± 0.054
Cobalt-60	N/A	<0.14 ± 0.074	<0.12 ± 0.066	<0.13 ± 0.06	<0.13 ± 0.072	<0.13 ± 0.074	<0.12 ± 0.06
Lead-212	N/A	**1.44 ± 0.3**	**1.8 ± 0.36**	**1.36 ± 0.26**	**1.4 ± 0.27**	**1.1 ± 0.26**	**0.89 ± 0.18**
Lead-214	N/A	**1.22 ± 0.25**	**0.79 ± 0.21**	**0.79 ± 0.2**	**1.46 ± 0.25**	**1.23 ± 0.27**	**0.97 ± 0.2**
Potassium-40	N/A	**18.1 ± 3.5**	**15.3 ± 3.2**	**15.9 ± 3.2**	**17.8 ± 3.8**	**15.3 ± 3.4**	**15.5 ± 3.2**
Radium-224	N/A	**5.9 ± 3.7**	**2.9 ± 2.1**	**2.0 ± 1.4**	**4.2 ± 2.7**	**3.7 ± 2.5**	<1.3 ± 0.83
Radium-226	N/A	**2.1 ± 1.2**	<2.0 ± 01± 1	**1.99 ± 0.98**	<1.6 ± 1.3	<2.3 ± 1.2	**1.77 ± 0.89**
Thallium-208	N/A	**0.46 ± 0.15**	**0.58 ± 0.18**	**0.47 ± 0.14**	**0.5 ± 0.15**	**0.27 ± 0.12**	**0.33 ± 0.11**
Thorium-234	N/A	<1.3 ± 0.51	**1.62 ± 0.73**	<1.2 ± 0.66	<1.3 ± 0.68	<1.4 ± 0.77	**1.36 ± 0.49**
Uranium 235 and 236	N/A	<0.47 ± 0.26	<0.47 ± 0.26	<0.47 ± 0.27	<0.42 ± 0.23	<0.53 ± 0.3	<0.41 ± 0.23

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-168-0000	TS6-SS-169-0000	TS6-SS-170-0000	TS6-SS-171-0000	TS6-SS-172-0000	TS6-SS-173-0000
Date Collected		9/26/2003	9/26/2003	9/26/2003	9/26/2003	9/26/2003	9/30/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclide/E901.1 (pCi/g)							
Actinium-228	6.61	**1.38 ± 0.39**	**1.38 ± 0.37**	**1.33 ± 0.42**	**0.9 ± 0.32**	**1.01 ± 0.32**	**1.16 ± 0.38**
Bismuth-212	N/A	<1.2 ± 0.56	<1.1 ± 0.54	<1.2 ± 0.57	<0.89 ± 0.45	<1.3 ± 0.62	<1.0 ± 0.51
Bismuth-214	N/A	**0.98 ± 0.29**	**1.37 ± 0.33**	**1.0 ± 0.32**	**0.89 ± 0.25**	**1.03 ± 0.32**	**0.91 ± 0.25**
Cesium-137	N/A	<0.12 ± 0.061	<0.11 ± 0.061	<0.14 ± 0.072	<0.082 ± 0.053	<0.12 ± 0.068	<0.094 ± 0.049
Cobalt-60	N/A	<0.12 ± 0.063	<0.1 ± 0.053	<0.13 ± 0.071	<0.1 ± 0.054	<0.099 ± 0.057	<0.11 ± 0.061
Lead-212	N/A	**1.07 ± 0.25**	**0.97 ± 0.2**	**1.2 ± 0.32**	**0.93 ± 0.18**	**0.96 ± 0.2**	**1.18 ± 0.22**
Lead-214	N/A	**1.16 ± 0.23**	**1.32 ± 0.23**	**1.07 ± 0.26**	**0.96 ± 0.18**	**1.39 ± 0.24**	**0.77 ± 0.18**
Potassium-40	N/A	**15.8 ± 3.4**	**14.1 ± 3**	**16 ± 3.5**	**15 ± 3.3**	**17.7 ± 3.5**	**14.6 ± 3.1**
Radium-224	N/A	**3.3 ± 2.3**	**2.9 ± 2**	**2.9 ± 2.2**	<1.3 ± 0.86	<2.2 ± 1.7	**1.23 ± 0.82**
Radium-226	N/A	<1.8 ± 0.99	**2.4 ± 01± 1**	**1.9 ± 1.5**	<1.7 ± 0.87	<2.1 ± 1.1	<1.6 ± 0.88
Thallium-208	N/A	**0.36 ± 0.11**	**0.31 ± 0.11**	**0.45 ± 0.14**	**0.24 ± 0.099**	**0.34 ± 0.12**	**0.33 ± 0.12**
Thorium-234	N/A	<1.1 ± 0.62	<1.2 ± 0.64	<1.5 ± 0.77	<1.1 ± 0.59	**1.54 ± 0.75**	**1.15 ± 0.65**
Uranium 235 and 236	N/A	<0.42 ± 0.24	<0.41 ± 0.23	<0.52 ± 0.28	<0.36 ± 0.22	<0.42 ± 0.24	<0.42 ± 0.23

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-174-0000	TS6-SS-174A-0000	TS6-SS-175-0000	TS6-SS-176-0000	TS6-SS-177-0000	TS6-SS-178-0000
Date Collected		9/30/2003	9/30/2003	9/30/2003	10/6/2003	10/3/2003	9/30/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclide/E901.1 (pCi/g)							
Actinium-228	6.61	**1.54 ± 0.42**	**1.17 ± 0.41**	**1.08 ± 0.34**	**1.68 ± 0.45**	**1.21 ± 0.39**	**2.19 ± 0.57**
Bismuth-212	N/A	**1.5 ± 0.64**	<1.0 ± 0.49	<0.67 ± 0.55	<1.3 ± 0.59	<0.74 ± 0.57	**1.39 ± 0.72**
Bismuth-214	N/A	**0.87 ± 0.29**	**0.79 ± 0.23**	**0.82 ± 0.23**	**1.09 ± 0.27**	**1.27 ± 0.3**	**0.84 ± 0.23**
Cesium-137	N/A	<0.13 ± 0.068	<0.1 ± 0.054	<0.11 ± 0.054	**0.21 ± 0.11**	<0.11 ± 0.059	<0.14 ± 0.066
Cobalt-60	N/A	<0.14 ± 0.061	<0.091 ± 0.046	<0.086 ± 0.044	<0.12 ± 0.058	<0.09 ± 0.062	<0.14 ± 0.068
Lead-212	N/A	**1.53 ± 0.31**	**0.91 ± 0.23**	**0.78 ± 0.19**	**1.42 ± 0.28**	**1.11 ± 0.21**	**1.85 ± 0.34**
Lead-214	N/A	**1.1 ± 0.23**	**0.91 ± 0.2**	**0.9 ± 0.19**	**1.2 ± 0.22**	**1.29 ± 0.22**	**0.99 ± 0.23**
Potassium-40	N/A	**16.5 ± 3.3**	**11.8 ± 2.5**	**15.7 ± 3**	**16.6 ± 3.3**	**21.6 ± 3.9**	**11.2 ± 2.6**
Radium-224	N/A	**3.7 ± 2.5**	**3.3 ± 2.2**	**3.2 ± 2.2**	**3.4 ± 2.3**	**4.4 ± 2.8**	**3.4 ± 2.2**
Radium-226	N/A	<1.6 ± 1.2	<1.7 ± 0.88	**2.05 ± 0.91**	**2.2 ± 1.9**	**1.5 ± 1.2**	<2.0 ± 1.1
Thallium-208	N/A	**0.56 ± 0.16**	**0.44 ± 0.12**	**0.33 ± 0.12**	**0.56 ± 0.15**	**0.4 ± 0.12**	**0.65 ± 0.18**
Thorium-234	N/A	<1.3 ± 0.54	<1.1 ± 0.6	**1.17 ± 0.48**	**1.66 ± 0.75**	**1.2 ± 0.75**	**1.62 ± 0.79**
Uranium 235 and 236	N/A	<0.5 ± 0.27	<0.41 ± 0.23	<0.38 ± 0.2	<0.51 ± 0.28	<0.44 ± 0.24	<0.5 ± 0.27

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-179-0000	TS6-SS-180-0000	TS6-SS-181-0000	TS6-SS-182-0000	TS6-SS-183-0000	TS6-SS-184-0000
Date Collected		9/30/2003	9/30/2003	9/30/2003	10/3/2003	9/26/2003	9/26/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclide/E901.1 (pCi/g)							
Actinium-228	6.61	**1.15 ± 0.36**	**1.61 ± 0.44**	**1.29 ± 0.43**	**0.78 ± 0.27**	**0.67 ± 0.28**	**0.69 ± 0.23**
Bismuth-212	N/A	<1.0 ± 0.51	<0.67 ± 0.53	<0.93 ± 0.47	<0.95 ± 0.49	<0.84 ± 0.42	<0.75 ± 0.37
Bismuth-214	N/A	**0.75 ± 0.22**	**0.89 ± 0.24**	**0.93 ± 0.24**	**0.91 ± 0.25**	**0.62 ± 0.2**	**0.56 ± 0.17**
Cesium-137	N/A	<0.12 ± 0.059	<0.13 ± 0.069	<0.1 ± 0.056	<0.094 ± 0.057	**0.102 ± 0.069**	<0.085 ± 0.042
Cobalt-60	N/A	<0.1 ± 0.049	<0.13 ± 0.062	<0.12 ± 0.06	<0.14 ± 0.061	<0.096 ± 0.049	<0.087 ± 0.042
Lead-212	N/A	**1.2 ± 0.25**	**1.41 ± 0.32**	**0.82 ± 0.18**	**0.81 ± 0.17**	**0.78 ± 0.17**	**0.62 ± 0.14**
Lead-214	N/A	**1.04 ± 0.21**	**0.86 ± 0.22**	**0.79 ± 0.17**	**1.15 ± 0.21**	**0.67 ± 0.16**	**0.7 ± 0.15**
Potassium-40	N/A	**13.7 ± 2.8**	**14.3 ± 3**	**15.6 ± 3**	**14.9 ± 2.9**	**17.6 ± 3.4**	**14.4 ± 2.8**
Radium-224	N/A	**2.6 ± 1.9**	**2.8 ± 2.1**	**3.1 ± 2.1**	**3.9 ± 2.5**	**3.6 ± 2.3**	<1.5 ± 1.2
Radium-226	N/A	<1.3 ± 01± 1	<2.0 ± 01± 1	**1.96 ± 0.9**	**1.4 ± 1.3**	<1.1 ± 0.87	<1.4 ± 0.72
Thallium-208	N/A	**0.43 ± 0.13**	**0.7 ± 0.17**	**0.38 ± 0.12**	**0.34 ± 0.1**	**0.31 ± 0.11**	**0.229 ± 0.077**
Thorium-234	N/A	**1.37 ± 0.67**	**1.48 ± 0.81**	<1.0 ± 0.55	<1.1 ± 0.61	<0.95 ± 0.52	**1.01 ± 0.67**
Uranium 235 and 236	N/A	<0.42 ± 0.22	<0.47 ± 0.28	<0.39 ± 0.22	<0.38 ± 0.21	<0.35 ± 0.2	<0.34 ± 0.18

Notes:

RO	Remediation objective
N/A	Not applicable
pCi/g	picoCuries per gram
ft	feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-184A-0000	TS6-SS-185-0000	TS6-SS-186-0000	TS6-SS-187-0000	TS6-SS-188-0000	TS6-SS-189-0000
Date Collected		9/26/2003	9/26/2003	9/26/2003	9/26/2003	9/26/2003	9/26/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclide/E901.1 (pCi/g)							
Actinium-228	6.61	**0.51 ± 0.19**	<0.57 ± 0.32	**0.9 ± 0.31**	**1.43 ± 0.4**	**1.08 ± 0.29**	**0.91 ± 0.38**
Bismuth-212	N/A	**0.97 ± 0.51**	<0.8 ± 0.39	<0.88 ± 0.45	<1.0 ± 0.51	<0.79 ± 0.39	<0.98 ± 0.47
Bismuth-214	N/A	**0.76 ± 0.2**	**0.63 ± 0.19**	**0.81 ± 0.23**	**0.52 ± 0.19**	**0.69 ± 0.21**	**1.03 ± 0.26**
Cesium-137	N/A	<0.087 ± 0.044	<0.12 ± 0.053	<0.13 ± 0.062	<0.13 ± 0.066	**0.095 ± 0.048**	<0.12 ± 0.065
Cobalt-60	N/A	<0.056 ± 0.038	<0.084 ± 0.037	<0.09 ± 0.045	<0.1 ± 0.051	<0.072 ± 0.039	<0.13 ± 0.055
Lead-212	N/A	**0.44 ± 0.13**	**0.6 ± 0.15**	**1.06 ± 0.19**	**1.38 ± 0.27**	**0.92 ± 0.18**	**0.77 ± 0.2**
Lead-214	N/A	**0.79 ± 0.16**	**0.67 ± 0.16**	**0.71 ± 0.14**	**0.66 ± 0.17**	**0.64 ± 0.14**	**1.13 ± 0.24**
Potassium-40	N/A	**11.4 ± 2.2**	**14.3 ± 2.9**	**17 ± 3.4**	**12.4 ± 2.6**	**14.1 ± 2.7**	**16.7 ± 3.5**
Radium-224	N/A	**3.2 ± 2**	**2.5 ± 1.7**	<1.1 ± 0.7	**3.3 ± 2.2**	**2.4 ± 1.6**	**2.9 ± 2.1**
Radium-226	N/A	**1.3 ± 1.2**	<1.5 ± 0.74	<1.6 ± 0.83	<1.6 ± 0.86	<1.1 ± 0.96	<2.0 ± 01± 1
Thallium-208	N/A	**0.177 ± 0.079**	**0.207 ± 0.088**	**0.29 ± 0.11**	**0.55 ± 0.14**	**0.324 ± 0.096**	**0.26 ± 0.1**
Thorium-234	N/A	<0.89 ± 0.48	<0.86 ± 0.45	<1.1 ± 0.58	**1.23 ± 0.62**	<0.88 ± 0.48	**1.33 ± 0.68**
Uranium 235 and 236	N/A	<0.33 ± 0.18	<0.33 ± 0.19	<0.36 ± 0.2	<0.38 ± 0.22	<0.3 ± 0.17	<0.46 ± 0.26

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-190-0000	TS6-SS-191-0000	TS6-SS-192-0000	TS6-SS-193-0000	TS6-SS-194-0000	TS6-SS-194A-0000
Date Collected		9/26/2003	9/26/2003	9/26/2003	9/26/2003	9/26/2003	9/26/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclide/E901.1 (pCi/g)							
Actinium-228	6.61	**0.95 ± 0.32**	**0.9 ± 0.3**	**0.74 ± 0.28**	**1.38 ± 0.6**	**2.1 ± 0.55**	**1.2 ± 0.36**
Bismuth-212	N/A	<0.78 ± 0.41	<1.0 ± 0.49	**0.59 ± 0.37**	<1.4 ± 0.68	**1.6 ± 0.59**	<1.0 ± 0.47
Bismuth-214	N/A	**0.81 ± 0.23**	**0.95 ± 0.25**	**0.63 ± 0.17**	**1.2 ± 0.39**	**0.72 ± 0.22**	**0.79 ± 0.21**
Cesium-137	N/A	<0.077 ± 0.04	<0.11 ± 0.059	<0.093 ± 0.058	<0.14 ± 0.081	<0.096 ± 0.053	<0.078 ± 0.046
Cobalt-60	N/A	<0.092 ± 0.043	<0.096 ± 0.047	<0.089 ± 0.041	<0.12 ± 0.063	<0.11 ± 0.062	<0.073 ± 0.044
Lead-212	N/A	**0.93 ± 0.18**	**0.97 ± 0.19**	**0.7 ± 0.16**	**1.25 ± 0.31**	**2.08 ± 0.35**	**1.12 ± 0.25**
Lead-214	N/A	**0.98 ± 0.17**	**0.96 ± 0.19**	**0.63 ± 0.16**	**1.45 ± 0.32**	**0.8 ± 0.16**	**0.69 ± 0.17**
Potassium-40	N/A	**15.2 ± 3.2**	**17.1 ± 3.2**	**12.9 ± 2.7**	**20.3 ± 4.2**	**15.4 ± 2.9**	**16.4 ± 3.2**
Radium-224	N/A	**2.3 ± 1.5**	**2.6 ± 1.7**	**1.6 ± 1.3**	**4.6 ± 3.1**	**3.2 ± 2**	**3.2 ± 2.2**
Radium-226	N/A	**1.9 ± 01± 1**	**1.81 ± 0.94**	<1.4 ± 0.73	**3.5 ± 1.5**	**1.87 ± 0.99**	<1.6 ± 0.84
Thallium-208	N/A	**0.251 ± 0.096**	**0.36 ± 0.11**	**0.26 ± 0.091**	**0.4 ± 0.15**	**0.7 ± 0.17**	**0.39 ± 0.11**
Thorium-234	N/A	<0.88 ± 0.68	<0.95 ± 0.54	<0.9 ± 0.49	<1.7 ± 0.9	**1.76 ± 0.55**	**1.39 ± 0.6**
Uranium 235 and 236	N/A	<0.35 ± 0.2	<0.37 ± 0.21	<0.31 ± 0.17	<0.49 ± 0.3	<0.46 ± 0.26	<0.37 ± 0.2

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-195-0000	TS6-SS-196-0000	TS6-SS-197-0000	TS6-SS-198-0000	TS6-SS-199-0000	TS6-SS-200-0000
Date Collected		9/26/2003	9/26/2003	9/26/2003	9/26/2003	9/26/2003	9/26/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclide/E901.1 (pCi/g)							
Actinium-228	6.61	**1.03 ± 0.38**	**1.12 ± 0.31**	**0.57 ± 0.22**	**0.97 ± 0.44**	**1.2 ± 0.41**	**2.16 ± 0.56**
Bismuth-212	N/A	<0.98 ± 0.47	**0.77 ± 0.35**	<0.76 ± 0.36	<1.2 ± 0.66	<1.3 ± 0.65	**1.29 ± 0.97**
Bismuth-214	N/A	**0.62 ± 0.19**	**0.6 ± 0.16**	**0.56 ± 0.18**	**1.28 ± 0.34**	**1.29 ± 0.35**	**1.22 ± 0.32**
Cesium-137	N/A	<0.093 ± 0.048	<0.096 ± 0.049	<0.067 ± 0.045	<0.13 ± 0.08	<0.12 ± 0.068	<0.14 ± 0.08
Cobalt-60	N/A	<0.096 ± 0.043	<0.079 ± 0.041	<0.094 ± 0.044	<0.13 ± 0.082	<0.08 ± 0.064	<0.15 ± 0.076
Lead-212	N/A	**1.06 ± 0.22**	**1.12 ± 0.21**	**0.53 ± 0.15**	**1.06 ± 0.22**	**1.21 ± 0.27**	**2.24 ± 0.4**
Lead-214	N/A	**0.68 ± 0.17**	**0.8 ± 0.15**	**0.73 ± 0.16**	**1.39 ± 0.27**	**1.37 ± 0.27**	**1.4 ± 0.26**
Potassium-40	N/A	**15 ± 3**	**11.4 ± 2.3**	**13.3 ± 2.8**	**18.2 ± 3.9**	**17.2 ± 3.6**	**17.8 ± 3.7**
Radium-224	N/A	**2.7 ± 1.9**	**3.7 ± 2.3**	<1.6 ± 1.3	<3.0 ± 1.9	**3.8 ± 2.6**	**5.2 ± 3.3**
Radium-226	N/A	<1.6 ± 0.84	**2.2 ± 1.1**	<1.6 ± 0.8	**4.0 ± 1.7**	<1.7 ± 1.4	<2.2 ± 1.2
Thallium-208	N/A	**0.28 ± 0.1**	**0.37 ± 0.1**	**0.235 ± 0.081**	**0.42 ± 0.15**	**0.47 ± 0.16**	**0.72 ± 0.19**
Thorium-234	N/A	<0.99 ± 0.56	**1.07 ± 0.51**	<1.0 ± 0.54	<1.4 ± 0.78	**2.29 ± 0.83**	**2.02 ± 0.82**
Uranium 235 and 236	N/A	<0.38 ± 0.21	<0.34 ± 0.19	<0.35 ± 0.2	<0.55 ± 0.3	<0.49 ± 0.26	<0.5 ± 0.28

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-201-0000	TS6-SS-202-0000	TS6-SS-203-0000	TS6-SS-204-0000	TS6-SS-204A-0000	TS6-SS-205-0000
Date Collected		9/26/2003	9/26/2003	9/26/2003	9/26/2003	9/26/2003	9/26/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclide/E901.1 (pCi/g)							
Actinium-228	6.61	**2.19 ± 0.6**	**1.38 ± 0.41**	**1.56 ± 0.5**	**1.1 ± 0.42**	**1.01 ± 0.34**	**0.82 ± 0.38**
Bismuth-212	N/A	<1.6 ± 0.74	**0.93 ± 0.58**	<1.4 ± 0.63	<1.1 ± 0.53	<1.1 ± 0.51	<0.98 ± 0.49
Bismuth-214	N/A	**1.73 ± 0.44**	**1.04 ± 0.29**	**1.21 ± 0.33**	**1.12 ± 0.34**	**1.07 ± 0.32**	**1.02 ± 0.32**
Cesium-137	N/A	<0.16 ± 0.089	<0.097 ± 0.073	<0.14 ± 0.076	<0.1 ± 0.063	<0.13 ± 0.068	<0.094 ± 0.055
Cobalt-60	N/A	<0.16 ± 0.069	<0.11 ± 0.063	<0.17 ± 0.073	<0.12 ± 0.062	<0.14 ± 0.066	<0.13 ± 0.061
Lead-212	N/A	**2.01 ± 0.42**	**1.26 ± 0.26**	**1.95 ± 0.36**	**1.09 ± 0.23**	**1.17 ± 0.25**	**1.09 ± 0.21**
Lead-214	N/A	**1.47 ± 0.32**	**0.95 ± 0.2**	**1.38 ± 0.28**	**1.3 ± 0.25**	**1.17 ± 0.25**	**1.05 ± 0.2**
Potassium-40	N/A	**19 ± 4.2**	**16.1 ± 3.2**	**19 ± 3.8**	**16 ± 3.6**	**18 ± 3.6**	**15.9 ± 3.2**
Radium-224	N/A	**5.0 ± 3.4**	**5.1 ± 3.2**	**4.2 ± 2.6**	**3.8 ± 2.6**	**3.5 ± 2.4**	**4.4 ± 2.8**
Radium-226	N/A	**3.8 ± 1.5**	**2.0 ± 1.3**	**2.5 ± 1.2**	<2.4 ± 1.2	**1.7 ± 1.3**	**1.9 ± 1.1**
Thallium-208	N/A	**0.73 ± 0.2**	**0.51 ± 0.14**	**0.64 ± 0.18**	**0.4 ± 0.13**	**0.48 ± 0.13**	**0.23 ± 0.12**
Thorium-234	N/A	<2.0 ± 1.1	**1.51 ± 0.7**	**2.0 ± 0.91**	<1.4 ± 0.78	**1.33 ± 0.71**	<1.2 ± 0.78
Uranium 235 and 236	N/A	<0.63 ± 0.34	<0.45 ± 0.25	<0.59 ± 0.32	<0.52 ± 0.3	<0.39 ± 0.21	<0.44 ± 0.24

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-206-0000	TS6-SS-207-0000	TS6-SS-208-0000	TS6-SS-209-0000	TS6-SS-210-0000	TS6-SS-211-0000
Date Collected		9/26/2003	9/26/2003	9/26/2003	9/26/2003	9/26/2003	9/26/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclide/E901.1 (pCi/g)							
Actinium-228	6.61	**0.92 ± 0.35**	**1.41 ± 0.42**	**1.19 ± 0.35**	**1.72 ± 0.61**	**2.35 ± 0.59**	**1.48 ± 0.57**
Bismuth-212	N/A	<0.94 ± 0.45	<1.3 ± 0.62	<0.94 ± 0.47	<1.4 ± 0.67	**1.52 ± 0.65**	<1.1 ± 0.53
Bismuth-214	N/A	**0.81 ± 0.24**	**1.11 ± 0.29**	**1.18 ± 0.3**	**1.16 ± 0.3**	**1.05 ± 0.32**	**1.02 ± 0.28**
Cesium-137	N/A	<0.11 ± 0.057	<0.11 ± 0.058	<0.097 ± 0.054	<0.16 ± 0.081	<0.12 ± 0.064	<0.11 ± 0.057
Cobalt-60	N/A	<0.13 ± 0.059	<0.13 ± 0.073	<0.12 ± 0.066	<0.11 ± 0.04	<0.14 ± 0.067	<0.089 ± 0.04
Lead-212	N/A	**1.06 ± 0.21**	**1.34 ± 0.29**	**0.79 ± 0.2**	**1.71 ± 0.38**	**1.97 ± 0.36**	**1.14 ± 0.23**
Lead-214	N/A	**1.14 ± 0.22**	**1.11 ± 0.24**	**1.19 ± 0.23**	**1.2 ± 0.27**	**1.04 ± 0.2**	**1.2 ± 0.23**
Potassium-40	N/A	**12.4 ± 2.9**	**17.2 ± 3.5**	**14.8 ± 3**	**15.3 ± 3.5**	**18.2 ± 3.4**	**16.2 ± 3.6**
Radium-224	N/A	**2.9 ± 2**	**3.3 ± 2.4**	**2.2 ± 1.7**	**3.1 ± 2.4**	**7.5 ± 4.6**	**3.5 ± 2.4**
Radium-226	N/A	<1.8 ± 0.94	**2.9 ± 2.1**	**1.7 ± 1.2**	**2.1 ± 2.1**	<1.6 ± 1.2	<2.1 ± 1.1
Thallium-208	N/A	**0.38 ± 0.12**	**0.47 ± 0.15**	**0.238 ± 0.092**	**0.56 ± 0.16**	**0.87 ± 0.21**	**0.39 ± 0.13**
Thorium-234	N/A	<1.1 ± 0.65	**1.62 ± 0.74**	**1.34 ± 0.63**	<1.6 ± 0.92	<1.3 ± 0.72	<1.3 ± 0.75
Uranium 235 and 236	N/A	<0.38 ± 0.2	<0.47 ± 0.25	<0.39 ± 0.22	<0.53 ± 0.31	<0.5 ± 0.28	<0.45 ± 0.25

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-212-0000	TS6-SS-213-0000	TS6-SS-214-0000	TS6-SS-214A-0000	TS6-SS-215-0000	TS6-SS-216-0000
Date Collected		9/26/2003	9/30/2003	10/3/2003	10/3/2003	10/3/2003	9/30/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclide/E901.1 (pCi/g)							
Actinium-228	6.61	**1.05 ± 0.41**	**1.38 ± 0.41**	**0.64 ± 0.31**	**0.68 ± 0.29**	**1.06 ± 0.35**	**1.15 ± 0.33**
Bismuth-212	N/A	<1.1 ± 0.55	**1.14 ± 0.64**	<1.1 ± 0.5	<0.87 ± 0.43	<1.0 ± 0.54	**1.08 ± 0.6**
Bismuth-214	N/A	**1.11 ± 0.26**	**1.09 ± 0.3**	**0.99 ± 0.25**	**0.79 ± 0.24**	**1.19 ± 0.27**	**0.81 ± 0.24**
Cesium-137	N/A	<0.11 ± 0.058	<0.13 ± 0.065	<0.12 ± 0.058	<0.1 ± 0.054	<0.11 ± 0.058	<0.11 ± 0.056
Cobalt-60	N/A	<0.12 ± 0.051	<0.12 ± 0.069	<0.096 ± 0.039	<0.08 ± 0.046	<0.12 ± 0.064	<0.092 ± 0.05
Lead-212	N/A	**0.9 ± 0.22**	**1.53 ± 0.29**	**0.81 ± 0.21**	**0.68 ± 0.16**	**0.98 ± 0.25**	**1.18 ± 0.25**
Lead-214	N/A	**1.21 ± 0.24**	**1.33 ± 0.24**	**0.91 ± 0.21**	**0.92 ± 0.19**	**1.02 ± 0.21**	**0.85 ± 0.19**
Potassium-40	N/A	**15.2 ± 3.3**	**16.4 ± 3.4**	**15.1 ± 3.3**	**15.5 ± 3.1**	**17.7 ± 3.6**	**16 ± 3.2**
Radium-224	N/A	**3.1 ± 2.2**	**4.7 ± 3**	**2.9 ± 2**	**3.3 ± 2.2**	**4.8 ± 3.1**	**2.5 ± 1.8**
Radium-226	N/A	<1.8 ± 0.92	**1.6 ± 1.1**	<2.0 ± 0.995	**2.6 ± 1.2**	**2.4 ± 1.1**	<1.8 ± 0.95
Thallium-208	N/A	**0.39 ± 0.12**	**0.49 ± 0.15**	**0.36 ± 0.11**	**0.279 ± 0.094**	**0.41 ± 0.11**	**0.5 ± 0.14**
Thorium-234	N/A	<1.1 ± 0.61	<1.3 ± 0.72	<1.2 ± 0.61	<0.98 ± 0.39	**1.85 ± 0.81**	**1.5 ± 0.93**
Uranium 235 and 236	N/A	<0.41 ± 0.22	<0.44 ± 0.24	<0.43 ± 0.26	<0.35 ± 0.19	<0.45 ± 0.25	<0.4 ± 0.22

Notes:

RO	Remediation objective
N/A	Not applicable
pCi/g	picoCuries per gram
ft	feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-217-0000	TS6-SS-218-0000	TS6-SS-219-0000	TS6-SS-220-0000	TS6-SS-221-0000	TS6-SS-222-0000
Date Collected		9/30/2003	9/30/2003	9/30/2003	9/30/2003	9/30/2003	9/30/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclide/E901.1 (pCi/g)							
Actinium-228	6.61	**1.08 ± 0.33**	**1.35 ± 0.46**	**1.82 ± 0.54**	**1.34 ± 0.41**	**1.22 ± 0.36**	**2.36 ± 0.64**
Bismuth-212	N/A	<0.7 ± 0.48	<1.3 ± 0.6	**1.0 ± 0.74**	<1.3 ± 0.6	<0.96 ± 0.47	**1.36 ± 0.98**
Bismuth-214	N/A	**1.06 ± 0.28**	**1.16 ± 0.29**	**1.03 ± 0.34**	**0.98 ± 0.26**	**0.64 ± 0.22**	**1.01 ± 0.3**
Cesium-137	N/A	<0.1 ± 0.052	<0.11 ± 0.067	<0.15 ± 0.073	<0.11 ± 0.064	<0.11 ± 0.055	<0.16 ± 0.081
Cobalt-60	N/A	<0.14 ± 0.059	<0.15 ± 0.07	<0.12 ± 0.061	<0.12 ± 0.06	<0.11 ± 0.057	<0.081 ± 0.039
Lead-212	N/A	**0.87 ± 0.19**	**1.16 ± 0.26**	**2.0 ± 0.36**	**1.17 ± 0.23**	**1.12 ± 0.23**	**2.54 ± 0.49**
Lead-214	N/A	**1.06 ± 0.23**	**1.2 ± 0.27**	**1.1 ± 0.23**	**1.14 ± 0.23**	**0.81 ± 0.18**	**1.17 ± 0.27**
Potassium-40	N/A	**16.2 ± 3.3**	**17.5 ± 3.6**	**18 ± 3.4**	**15.2 ± 3.3**	**13.6 ± 2.7**	**13.8 ± 3.1**
Radium-224	N/A	**2.6 ± 1.9**	**3.1 ± 2.3**	<2.9 ± 1.6	**2.7 ± 1.8**	**3.4 ± 2.2**	**6.0 ± 3.9**
Radium-226	N/A	<1.3 ± 0.97	**2.6 ± 1.3**	**4.4 ± 1.7**	**2.1 ± 1.3**	<1.5 ± 0.78	**2.8 ± 1.3**
Thallium-208	N/A	**0.34 ± 0.11**	**0.44 ± 0.14**	**0.59 ± 0.16**	**0.42 ± 0.14**	**0.43 ± 0.11**	**0.93 ± 0.22**
Thorium-234	N/A	**1.42 ± 0.64**	**1.77 ± 0.79**	**3.63 ± 0.81**	**1.27 ± 0.53**	<0.99 ± 0.54	**3.2 ± 1.1**
Uranium 235 and 236	N/A	<0.41 ± 0.22	<0.55 ± 0.3	<0.48 ± 0.28	<0.46 ± 0.25	<0.33 ± 0.19	<0.58 ± 0.33

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-223-0000	TS6-SS-224-0000	TS6-SS-224A-0000	TS6-SS-225-0000	TS6-SS-226-0000	TS6-SS-227-0000
Date Collected		9/26/2003	9/26/2003	9/26/2003	9/26/2003	9/26/2003	9/26/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclide/E901.1 (pCi/g)							
Actinium-228	6.61	**0.66 ± 0.24**	**1.24 ± 0.33**	**0.9 ± 0.29**	**0.95 ± 0.28**	**0.64 ± 0.27**	**0.73 ± 0.35**
Bismuth-212	N/A	<0.59 ± 0.39	**0.86 ± 0.45**	**0.96 ± 0.64**	<0.96 ± 0.44	<0.75 ± 0.37	<0.82 ± 0.4
Bismuth-214	N/A	**0.6 ± 0.18**	**0.58 ± 0.18**	**0.68 ± 0.2**	**0.78 ± 0.2**	**0.74 ± 0.19**	**0.59 ± 0.2**
Cesium-137	N/A	<0.094 ± 0.048	<0.1 ± 0.049	**0.159 ± 0.065**	<0.083 ± 0.039	<0.069 ± 0.039	<0.094 ± 0.048
Cobalt-60	N/A	<0.095 ± 0.043	<0.077 ± 0.037	<0.075 ± 0.04	<0.082 ± 0.046	<0.07 ± 0.045	<0.095 ± 0.044
Lead-212	N/A	**0.45 ± 0.14**	**1.02 ± 0.2**	**0.99 ± 0.2**	**0.72 ± 0.18**	**0.78 ± 0.15**	**0.54 ± 0.16**
Lead-214	N/A	**0.76 ± 0.17**	**0.64 ± 0.15**	**0.66 ± 0.15**	**0.78 ± 0.18**	**0.66 ± 0.14**	**0.75 ± 0.19**
Potassium-40	N/A	**16.1 ± 3.1**	**14.8 ± 2.9**	**13.2 ± 2.7**	**14 ± 2.8**	**14.3 ± 2.8**	**15.8 ± 3.2**
Radium-224	N/A	**1.7 ± 1.4**	**2.4 ± 1.6**	**3.5 ± 2.3**	<1.7 ± 1.2	<1.0 ± 0.63	<1.8 ± 1.3
Radium-226	N/A	<1.5 ± 0.77	<1.3 ± 0.69	<1.4 ± 0.76	<1.6 ± 0.81	**1.24 ± 0.83**	<1.7 ± 0.83
Thallium-208	N/A	**0.261 ± 0.09**	**0.32 ± 0.1**	**0.41 ± 0.12**	**0.332 ± 0.091**	**0.238 ± 0.086**	**0.254 ± 0.083**
Thorium-234	N/A	<0.91 ± 0.48	<0.82 ± 0.53	**1.16 ± 0.4**	<0.97 ± 0.52	<0.87 ± 0.35	<1.0 ± 0.53
Uranium 235 and 236	N/A	<0.36 ± 0.2	<0.29 ± 0.17	<0.34 ± 0.19	<0.39 ± 0.21	<0.33 ± 0.18	<0.4 ± 0.22

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-228-0000	TS6-SS-229-0000	TS6-SS-230-0000	TS6-SS-231-0000	TS6-SS-232-0000	TS6-SS-233-0000
Date Collected		10/10/2003	9/26/2003	9/26/2003	9/26/2003	9/26/2003	9/26/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**0.44 ± 0.22**	**0.76 ± 0.33**	**0.69 ± 0.23**	**0.96 ± 0.34**	**0.68 ± 0.24**	**1.69 ± 0.43**
Bismuth-212	N/A	<0.52 ± 0.26	**0.87 ± 0.41**	<0.71 ± 0.39	<0.88 ± 0.45	<0.72 ± 0.34	<0.66 ± 0.67
Bismuth-214	N/A	**0.34 ± 0.14**	**0.78 ± 0.24**	**0.77 ± 0.19**	**0.49 ± 0.17**	**0.66 ± 0.23**	**0.65 ± 0.2**
Cesium-137	N/A	<0.074 ± 0.036	**0.196 ± 0.083**	<0.083 ± 0.043	<0.079 ± 0.045	<0.083 ± 0.046	<0.087 ± 0.047
Cobalt-60	N/A	<0.074 ± 0.038	<0.098 ± 0.047	<0.093 ± 0.048	<0.1 ± 0.054	<0.11 ± 0.05	<0.11 ± 0.056
Lead-212	N/A	**0.38 ± 0.098**	**0.72 ± 0.2**	**0.63 ± 0.13**	**0.92 ± 0.19**	**0.6 ± 0.14**	**1.32 ± 0.26**
Lead-214	N/A	**0.43 ± 0.11**	**0.82 ± 0.19**	**0.73 ± 0.15**	**0.64 ± 0.15**	**0.73 ± 0.16**	**0.7 ± 0.16**
Potassium-40	N/A	**11.9 ± 2.3**	**12.8 ± 2.7**	**18.3 ± 3.4**	**15.6 ± 2.9**	**12.9 ± 2.6**	**12.9 ± 2.8**
Radium-224	N/A	**1.9 ± 1.3**	**2.8 ± 1.9**	<1.7 ± 1.1	**3.4 ± 2.2**	**2.5 ± 1.7**	**2.5 ± 1.8**
Radium-226	N/A	<1.1 ± 0.58	**2.4 ± 1.4**	**1.1 ± 1.1**	<1.4 ± 0.74	<1.3 ± 0.71	<1.6 ± 0.87
Thallium-208	N/A	**0.101 ± 0.057**	**0.24 ± 0.1**	**0.226 ± 0.085**	**0.4 ± 0.11**	**0.191 ± 0.086**	**0.58 ± 0.14**
Thorium-234	N/A	<0.67 ± 0.36	**1.13 ± 0.63**	<0.84 ± 0.45	<0.88 ± 0.49	<0.87 ± 0.47	**1.34 ± 0.66**
Uranium 235 and 236	N/A	<0.24 ± 0.14	<0.38 ± 0.22	<0.35 ± 0.19	<0.34 ± 0.19	<0.32 ± 0.18	<0.4 ± 0.23

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-234-0000	TS6-SS-234A-0000	TS6-SS-235-0000	TS6-SS-236-0000	TS6-SS-237-0000	TS6-SS-238-0000
Date Collected		9/26/2003	9/26/2003	9/26/2003	9/26/2003	9/26/2003	9/26/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**1.25 ± 0.34**	**1.25 ± 0.37**	**1.2 ± 0.4**	**1.44 ± 0.56**	<0.91 ± 0.46	**1.08 ± 0.39**
Bismuth-212	N/A	<0.99 ± 0.5	<1.1 ± 0.5	<1.5 ± 0.7	<1.0 ± 0.49	<1.4 ± 0.67	<1.0 ± 0.48
Bismuth-214	N/A	**1.07 ± 0.28**	**1.18 ± 0.36**	**1.14 ± 0.33**	**1.16 ± 0.29**	**1.34 ± 0.34**	**0.77 ± 0.25**
Cesium-137	N/A	<0.099 ± 0.06	<0.14 ± 0.066	<0.12 ± 0.074	<0.099 ± 0.052	<0.12 ± 0.067	<0.11 ± 0.055
Cobalt-60	N/A	<0.12 ± 0.062	<0.099 ± 0.05	<0.15 ± 0.074	<0.12 ± 0.055	<0.16 ± 0.064	<0.08 ± 0.051
Lead-212	N/A	**1.2 ± 0.23**	**1.28 ± 0.28**	**1.13 ± 0.28**	**1.04 ± 0.21**	**1.04 ± 0.23**	**1.12 ± 0.22**
Lead-214	N/A	**1.16 ± 0.21**	**1.41 ± 0.28**	**1.42 ± 0.29**	**1.23 ± 0.22**	**1.16 ± 0.25**	**0.99 ± 0.2**
Potassium-40	N/A	**18.7 ± 3.7**	**16.5 ± 3.5**	**16.9 ± 3.7**	**15.8 ± 3.2**	**15.8 ± 3.5**	**15.2 ± 3.2**
Radium-224	N/A	**5.3 ± 3.3**	**3.0 ± 2.2**	**2.8 ± 2.2**	**4.2 ± 2.7**	<2.6 ± 1.8	**1.53 ± 0.95**
Radium-226	N/A	**1.7 ± 01± 1**	**2.9 ± 1.6**	<2.0 ± 1.3	<1.4 ± 1.3	**2.8 ± 1.5**	**2.22 ± 0.96**
Thallium-208	N/A	**0.33 ± 0.11**	**0.25 ± 0.12**	**0.54 ± 0.17**	**0.43 ± 0.12**	**0.32 ± 0.12**	**0.33 ± 0.12**
Thorium-234	N/A	**1.78 ± 0.61**	<1.4 ± 0.72	**2.3 ± 1.2**	**1.52 ± 0.63**	<1.5 ± 0.85	<1.1 ± 0.61
Uranium 235 and 236	N/A	<0.44 ± 0.24	<0.53 ± 0.31	<0.55 ± 0.29	<0.42 ± 0.22	<0.52 ± 0.29	<0.45 ± 0.25

Notes:

RO	Remediation objective
N/A	Not applicable
pCi/g	picoCuries per gram
ft	feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-239-0000	TS6-SS-240-0000	TS6-SS-241-0000	TS6-SS-242-0000	TS6-SS-243-0000	TS6-SS-244-0000
Date Collected		9/26/2003	9/26/2003	9/26/2003	9/26/2003	9/26/2003	9/26/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**0.65 ± 0.29**	**0.63 ± 0.27**	**0.7 ± 0.24**	**0.95 ± 0.34**	**1.68 ± 0.62**	**0.75 ± 0.34**
Bismuth-212	N/A	<0.83 ± 0.47	<0.64 ± 0.33	<0.78 ± 0.37	<1.0 ± 0.51	<1.4 ± 0.66	<0.97 ± 0.49
Bismuth-214	N/A	**0.82 ± 0.23**	**0.77 ± 0.19**	**0.57 ± 0.2**	**1.15 ± 0.27**	**1.39 ± 0.34**	**1.07 ± 0.26**
Cesium-137	N/A	<0.078 ± 0.042	<0.064 ± 0.038	<0.075 ± 0.041	<0.092 ± 0.052	<0.13 ± 0.076	<0.1 ± 0.051
Cobalt-60	N/A	<0.099 ± 0.051	<0.087 ± 0.037	<0.094 ± 0.043	<0.11 ± 0.056	<0.12 ± 0.066	<0.11 ± 0.062
Lead-212	N/A	**0.7 ± 0.17**	**0.38 ± 0.12**	**0.43 ± 0.13**	**0.84 ± 0.19**	**1.96 ± 0.38**	**0.87 ± 0.21**
Lead-214	N/A	**0.73 ± 0.18**	**0.63 ± 0.14**	**0.76 ± 0.18**	**0.88 ± 0.18**	**1.24 ± 0.27**	**1.04 ± 0.22**
Potassium-40	N/A	**17.5 ± 3.3**	**10.9 ± 2.2**	**15 ± 3**	**17.4 ± 3.3**	**18.9 ± 3.9**	**14.5 ± 2.9**
Radium-224	N/A	**2.4 ± 1.7**	**2.0 ± 1.4**	<1.6 ± 1.2	**3.5 ± 2.4**	**3.4 ± 2.6**	**2.7 ± 2**
Radium-226	N/A	<1.4 ± 0.75	**1.64 ± 0.87**	<1.5 ± 0.77	**1.8 ± 1.3**	**2.1 ± 1.4**	<1.6 ± 0.83
Thallium-208	N/A	**0.222 ± 0.099**	**0.21 ± 0.064**	**0.205 ± 0.076**	**0.31 ± 0.12**	**0.54 ± 0.18**	**0.265 ± 0.095**
Thorium-234	N/A	<0.93 ± 0.51	<0.71 ± 0.38	<0.91 ± 0.48	<1.1 ± 0.6	**2.09 ± 0.9**	**1.15 ± 0.62**
Uranium 235 and 236	N/A	<0.35 ± 0.2	<0.29 ± 0.15	<0.33 ± 0.19	<0.44 ± 0.24	<0.57 ± 0.31	<0.41 ± 0.22

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-244A-0000	TS6-SS-245-0000	TS6-SS-246-0000	TS6-SS-247-0000	TS6-SS-248-0000	TS6-SS-249-0000
Date Collected		9/26/2003	9/26/2003	9/26/2003	9/26/2003	9/26/2003	9/26/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**1.0 ± 0.31**	**2.4 ± 0.64**	**1.78 ± 0.49**	**3.91 ± 0.9**	**1.37 ± 0.38**	**1.04 ± 0.33**
Bismuth-212	N/A	<1.0 ± 0.49	**2.14 ± 0.87**	<0.9 ± 0.75	**2.18 ± 0.88**	<1.1 ± 0.54	<1.0 ± 0.53
Bismuth-214	N/A	**1.36 ± 0.33**	**1.45 ± 0.39**	**1.0 ± 0.28**	**1.14 ± 0.33**	**1.06 ± 0.25**	**0.99 ± 0.3**
Cesium-137	N/A	<0.1 ± 0.054	<0.16 ± 0.083	<0.12 ± 0.062	<0.17 ± 0.078	<0.1 ± 0.054	<0.086 ± 0.05
Cobalt-60	N/A	<0.1 ± 0.056	<0.12 ± 0.098	<0.13 ± 0.067	<0.15 ± 0.08	<0.094 ± 0.055	<0.1 ± 0.054
Lead-212	N/A	**0.81 ± 0.18**	**2.4 ± 0.44**	**1.74 ± 0.31**	**3.72 ± 0.66**	**1.26 ± 0.26**	**0.89 ± 0.22**
Lead-214	N/A	**1.22 ± 0.22**	**1.18 ± 0.26**	**1.41 ± 0.23**	**1.4 ± 0.29**	**0.95 ± 0.21**	**0.98 ± 0.23**
Potassium-40	N/A	**13.5 ± 3.1**	**16.2 ± 3.4**	**17.7 ± 3.4**	**15.4 ± 3.5**	**16.8 ± 3.2**	**16.5 ± 3.5**
Radium-224	N/A	**2.5 ± 1.8**	**4.7 ± 3**	**3.0 ± 1.9**	**8.3 ± 5.2**	**3.4 ± 2.3**	<2.2 ± 1.7
Radium-226	N/A	**2.4 ± 1.2**	<2.6 ± 1.4	**3.0 ± 1.6**	<2.8 ± 1.5	<1.8 ± 0.94	<2.1 ± 1.1
Thallium-208	N/A	**0.23 ± 0.11**	**0.91 ± 0.22**	**0.53 ± 0.16**	**1.43 ± 0.3**	**0.45 ± 0.13**	**0.36 ± 0.13**
Thorium-234	N/A	<1.2 ± 0.63	**2.5 ± 01± 1**	**1.41 ± 0.6**	**4.3 ± 1.1**	<1.1 ± 0.59	<1.3 ± 0.66
Uranium 235 and 236	N/A	<0.48 ± 0.26	<0.56 ± 0.35	<0.44 ± 0.25	<0.66 ± 0.36	<0.4 ± 0.22	<0.45 ± 0.25

Notes:

RO	Remediation objective
N/A	Not applicable
pCi/g	picoCuries per gram
ft	feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-250-0000	TS6-SS-251-0000	TS6-SS-252-0000	TS6-SS-253-0000	TS6-SS-254-0000	TS6-SS-254A-0000
Date Collected		9/26/2003	9/26/2003	9/26/2003	9/26/2003	9/26/2003	9/26/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**1.44 ± 0.4**	**1.21 ± 0.42**	**0.97 ± 0.31**	**1.0 ± 0.4**	**1.73 ± 0.49**	**1.71 ± 0.48**
Bismuth-212	N/A	<1.0 ± 0.5	<1.3 ± 0.62	<0.93 ± 0.47	<0.95 ± 0.48	**0.84 ± 0.89**	<1.3 ± 0.62
Bismuth-214	N/A	**1.36 ± 0.33**	**1.14 ± 0.3**	**0.93 ± 0.24**	**1.11 ± 0.27**	**1.06 ± 0.31**	**0.96 ± 0.26**
Cesium-137	N/A	<0.086 ± 0.055	<0.13 ± 0.072	<0.1 ± 0.053	<0.12 ± 0.058	<0.12 ± 0.067	<0.12 ± 0.068
Cobalt-60	N/A	<0.12 ± 0.057	<0.13 ± 0.058	<0.087 ± 0.049	<0.13 ± 0.062	<0.09 ± 0.056	<0.11 ± 0.065
Lead-212	N/A	**1.21 ± 0.23**	**1.12 ± 0.27**	**1.01 ± 0.2**	**1.19 ± 0.23**	**1.74 ± 0.32**	**1.5 ± 0.33**
Lead-214	N/A	**1.15 ± 0.23**	**1.13 ± 0.25**	**1.23 ± 0.22**	**1.19 ± 0.22**	**1.18 ± 0.22**	**1.12 ± 0.26**
Potassium-40	N/A	**15.4 ± 3.3**	**18.8 ± 3.7**	**13.9 ± 2.8**	**18.3 ± 3.8**	**15.1 ± 3.4**	**17.6 ± 3.6**
Radium-224	N/A	<1.3 ± 0.93	**3.5 ± 2.5**	**3.9 ± 2.5**	**2.8 ± 1.8**	**2.7 ± 1.8**	**3.9 ± 2.6**
Radium-226	N/A	<1.8 ± 0.97	**2.5 ± 1.6**	**1.6 ± 1.2**	**2.4 ± 1.1**	<1.9 ± 01± 1	**2.4 ± 1.4**
Thallium-208	N/A	**0.43 ± 0.13**	**0.39 ± 0.14**	**0.37 ± 0.11**	**0.32 ± 0.13**	**0.66 ± 0.15**	**0.62 ± 0.18**
Thorium-234	N/A	**1.4 ± 0.56**	<1.3 ± 0.74	**2.13 ± 0.84**	**1.8 ± 0.72**	**1.36 ± 0.54**	**2.03 ± 0.94**
Uranium 235 and 236	N/A	<0.42 ± 0.24	<0.47 ± 0.27	<0.39 ± 0.21	<0.47 ± 0.26	<0.46 ± 0.26	<0.51 ± 0.27

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-255-0000	TS6-SS-256-0000	TS6-SS-257-0000	TS6-SS-258-0000	TS6-SS-259-0000	TS6-SS-260-0000
Date Collected		9/26/2003	9/26/2003	9/26/2003	9/26/2003	9/26/2003	9/26/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**0.96 ± 0.41**	**1.54 ± 0.41**	**1.66 ± 0.47**	**1.22 ± 0.38**	**1.08 ± 0.42**	**1.14 ± 0.34**
Bismuth-212	N/A	<0.8 ± 0.5	<1.1 ± 0.52	**1.33 ± 0.71**	**1.56 ± 0.71**	**0.69 ± 0.51**	<0.98 ± 0.48
Bismuth-214	N/A	**0.95 ± 0.28**	**1.03 ± 0.27**	**1.07 ± 0.34**	**1.15 ± 0.27**	**1.07 ± 0.26**	**1.0 ± 0.23**
Cesium-137	N/A	<0.086 ± 0.05	<0.098 ± 0.051	<0.14 ± 0.066	<0.1 ± 0.053	<0.1 ± 0.054	<0.097 ± 0.054
Cobalt-60	N/A	<0.12 ± 0.053	<0.1 ± 0.045	<0.14 ± 0.067	<0.13 ± 0.061	<0.11 ± 0.065	<0.12 ± 0.054
Lead-212	N/A	**1.0 ± 0.21**	**1.33 ± 0.27**	**1.78 ± 0.35**	**0.99 ± 0.22**	**0.95 ± 0.19**	**0.92 ± 0.21**
Lead-214	N/A	**1.15 ± 0.22**	**1.08 ± 0.23**	**1.28 ± 0.28**	**1.03 ± 0.2**	**0.83 ± 0.17**	**1.0 ± 0.21**
Potassium-40	N/A	**18.3 ± 3.7**	**16.7 ± 3.4**	**15.2 ± 3.2**	**16.7 ± 3.2**	**14.9 ± 3.2**	**14.8 ± 2.9**
Radium-224	N/A	**2.5 ± 1.7**	**2.3 ± 1.8**	**2.7 ± 2.1**	**4.8 ± 3**	**2.1 ± 1.4**	**3.0 ± 2**
Radium-226	N/A	**2.3 ± 1.4**	**2.5 ± 1.2**	**3.3 ± 1.9**	<1.4 ± 0.85	<1.8 ± 0.92	<1.6 ± 0.86
Thallium-208	N/A	**0.31 ± 0.12**	**0.46 ± 0.13**	**0.55 ± 0.16**	**0.26 ± 0.14**	**0.33 ± 0.12**	**0.285 ± 0.092**
Thorium-234	N/A	<1.2 ± 0.64	<1.2 ± 0.63	**2.36 ± 0.85**	<1.1 ± 0.61	**1.15 ± 0.58**	<0.95 ± 0.51
Uranium 235 and 236	N/A	<0.44 ± 0.24	<0.45 ± 0.24	<0.53 ± 0.29	<0.44 ± 0.24	<0.41 ± 0.23	<0.38 ± 0.2

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-261-0000	TS6-SS-262-0000	TS6-SS-263-0000	TS6-SS-264-0000	TS6-SS-264A-0000	TS6-SS-265-0000
Date Collected		9/26/2003	9/26/2003	9/27/2003	9/27/2003	9/27/2003	9/27/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**1.72 ± 0.46**	**2.08 ± 0.58**	**0.81 ± 0.3**	**1.14 ± 0.34**	**1.02 ± 0.3**	<0.52 ± 0.28
Bismuth-212	N/A	<1.3 ± 0.61	<0.85 ± 0.88	<0.92 ± 0.45	**0.66 ± 0.57**	<0.83 ± 0.4	<0.64 ± 0.32
Bismuth-214	N/A	**1.02 ± 0.3**	**0.97 ± 0.29**	**0.58 ± 0.21**	**0.78 ± 0.19**	**0.62 ± 0.17**	**0.59 ± 0.17**
Cesium-137	N/A	<0.12 ± 0.065	<0.14 ± 0.078	<0.08 ± 0.048	<0.088 ± 0.045	<0.091 ± 0.049	<0.077 ± 0.041
Cobalt-60	N/A	<0.15 ± 0.071	<0.13 ± 0.067	<0.078 ± 0.041	<0.1 ± 0.05	<0.098 ± 0.045	<0.069 ± 0.042
Lead-212	N/A	**1.64 ± 0.33**	**2.4 ± 0.4**	**0.68 ± 0.17**	**1.06 ± 0.2**	**1.06 ± 0.22**	**0.43 ± 0.11**
Lead-214	N/A	**1.0 ± 0.24**	**1.08 ± 0.21**	**0.69 ± 0.17**	**0.68 ± 0.14**	**0.7 ± 0.15**	**0.72 ± 0.15**
Potassium-40	N/A	**15.3 ± 3.4**	**18 ± 3.6**	**14 ± 2.8**	**14.2 ± 2.7**	**15.9 ± 2.9**	**9.9 ± 2.3**
Radium-224	N/A	**4.2 ± 2.8**	<1.7 ± 01± 1	**2.6 ± 1.8**	**2.7 ± 1.7**	**2.2 ± 1.6**	**1.6 ± 1.2**
Radium-226	N/A	<2.3 ± 1.2	<2.1 ± 1.1	**1.4 ± 1.1**	**1.25 ± 0.85**	<1.2 ± 01± 1	<1.3 ± 0.68
Thallium-208	N/A	**0.56 ± 0.17**	**0.81 ± 0.2**	**0.2 ± 0.079**	**0.323 ± 0.089**	**0.31 ± 0.11**	**0.216 ± 0.071**
Thorium-234	N/A	<1.6 ± 0.83	**2.07 ± 0.63**	<0.97 ± 0.52	<0.83 ± 0.53	<0.96 ± 0.52	<0.83 ± 0.43
Uranium 235 and 236	N/A	<0.53 ± 0.29	<0.46 ± 0.29	<0.36 ± 0.2	<0.34 ± 0.19	<0.35 ± 0.19	<0.32 ± 0.17

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-266-0000	TS6-SS-267-0000	TS6-SS-268-0000	TS6-SS-269-0000	TS6-SS-270-0000	TS6-SS-271-0000
Date Collected		9/27/2003	9/27/2003	10/10/2003	10/10/2003	9/29/2003	10/10/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**0.85 ± 0.29**	**1.16 ± 0.36**	**0.74 ± 0.26**	**0.71 ± 0.34**	**0.71 ± 0.25**	**0.35 ± 0.26**
Bismuth-212	N/A	<0.92 ± 0.47	<0.86 ± 0.4	<0.66 ± 0.33	<0.71 ± 0.36	<0.73 ± 0.37	<0.72 ± 0.35
Bismuth-214	N/A	**0.63 ± 0.18**	**0.67 ± 0.24**	**0.55 ± 0.16**	**0.75 ± 0.22**	**0.46 ± 0.16**	**0.74 ± 0.18**
Cesium-137	N/A	<0.082 ± 0.044	<0.11 ± 0.056	<0.082 ± 0.039	<0.084 ± 0.044	<0.1 ± 0.05	<0.074 ± 0.038
Cobalt-60	N/A	<0.091 ± 0.044	<0.093 ± 0.051	<0.11 ± 0.047	<0.068 ± 0.042	<0.077 ± 0.037	<0.093 ± 0.045
Lead-212	N/A	**0.84 ± 0.19**	**1.02 ± 0.22**	**0.56 ± 0.13**	**0.54 ± 0.15**	**0.55 ± 0.15**	**0.55 ± 0.12**
Lead-214	N/A	**0.62 ± 0.14**	**0.8 ± 0.18**	**0.7 ± 0.15**	**0.69 ± 0.15**	**0.52 ± 0.14**	**0.68 ± 0.14**
Potassium-40	N/A	**15.4 ± 3.1**	**13.2 ± 2.7**	**12.6 ± 2.5**	**13.6 ± 2.7**	**10.4 ± 2.3**	**14 ± 3**
Radium-224	N/A	**3.8 ± 2.5**	<1.7 ± 1.4	**1.7 ± 1.2**	<1.4 ± 1.1	**1.8 ± 1.3**	<1.6 ± 01± 1
Radium-226	N/A	<1.5 ± 0.79	<1.3 ± 01± 1	<1.1 ± 0.6	<1.3 ± 0.69	<1.4 ± 0.71	<1.3 ± 0.71
Thallium-208	N/A	**0.34 ± 0.1**	**0.36 ± 0.11**	**0.216 ± 0.065**	**0.188 ± 0.067**	**0.23 ± 0.081**	**0.228 ± 0.082**
Thorium-234	N/A	<0.96 ± 0.4	<0.97 ± 0.58	<0.72 ± 0.45	<0.81 ± 0.43	<0.89 ± 0.32	<0.82 ± 0.32
Uranium 235 and 236	N/A	<0.33 ± 0.19	<0.39 ± 0.21	<0.24 ± 0.15	<0.34 ± 0.19	<0.33 ± 0.19	<0.28 ± 0.17

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-272-0000	TS6-SS-273-0000	TS6-SS-274-0000	TS6-SS-274A-0000	TS6-SS-275-0000	TS6-SS-276-0000
Date Collected		9/27/2003	9/27/2003	9/27/2003	9/27/2003	9/27/2003	9/27/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**0.64 ± 0.29**	**1.06 ± 0.41**	**1.41 ± 0.38**	**1.28 ± 0.37**	**0.95 ± 0.34**	**0.57 ± 0.28**
Bismuth-212	N/A	<0.79 ± 0.37	<0.88 ± 0.42	**1.03 ± 0.46**	<1.2 ± 0.58	<1.0 ± 0.5	<0.53 ± 0.28
Bismuth-214	N/A	**0.63 ± 0.18**	**1.34 ± 0.32**	**0.92 ± 0.23**	**0.83 ± 0.26**	**0.81 ± 0.24**	**0.63 ± 0.17**
Cesium-137	N/A	<0.07 ± 0.038	<0.12 ± 0.063	<0.11 ± 0.054	<0.1 ± 0.06	<0.098 ± 0.05	<0.063 ± 0.038
Cobalt-60	N/A	<0.079 ± 0.037	<0.14 ± 0.058	<0.11 ± 0.053	<0.11 ± 0.054	<0.097 ± 0.054	<0.076 ± 0.038
Lead-212	N/A	**0.57 ± 0.14**	**1.16 ± 0.25**	**1.01 ± 0.24**	**1.09 ± 0.25**	**0.81 ± 0.17**	**0.351 ± 0.082**
Lead-214	N/A	**0.6 ± 0.15**	**1.21 ± 0.25**	**0.8 ± 0.18**	**0.84 ± 0.21**	**0.79 ± 0.18**	**0.75 ± 0.13**
Potassium-40	N/A	**13.1 ± 2.6**	**16 ± 3.5**	**12.5 ± 2.7**	**16.7 ± 3.4**	**16.2 ± 3.2**	**10.4 ± 2.1**
Radium-224	N/A	**2.0 ± 1.5**	**3.6 ± 2.5**	**3.8 ± 2.5**	**3.7 ± 2.5**	**3.4 ± 2.2**	**2.4 ± 1.5**
Radium-226	N/A	<1.4 ± 0.72	**3.6 ± 1.3**	<1.7 ± 0.87	<2.1 ± 1.1	**1.6 ± 1.1**	**1.12 ± 0.7**
Thallium-208	N/A	**0.217 ± 0.083**	**0.35 ± 0.13**	**0.42 ± 0.13**	**0.47 ± 0.13**	**0.32 ± 0.1**	**0.142 ± 0.064**
Thorium-234	N/A	<0.85 ± 0.47	<1.4 ± 0.74	<0.99 ± 0.59	<1.2 ± 0.73	<1.1 ± 0.64	<0.76 ± 0.41
Uranium 235 and 236	N/A	<0.36 ± 0.2	<0.45 ± 0.25	<0.37 ± 0.2	<0.48 ± 0.27	<0.39 ± 0.22	<0.29 ± 0.17

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-277-0000	TS6-SS-278-0000	TS6-SS-279-0000	TS6-SS-280-0000	TS6-SS-281-0000	TS6-SS-282-0000
Date Collected		9/27/2003	9/27/2003	9/27/2003	9/27/2003	9/27/2003	9/27/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**1.05 ± 0.38**	**0.98 ± 0.4**	**1.8 ± 0.53**	**0.89 ± 0.3**	**0.82 ± 0.36**	**0.56 ± 0.26**
Bismuth-212	N/A	<0.95 ± 0.47	<1.4 ± 0.65	<1.4 ± 0.68	**0.66 ± 0.35**	<0.95 ± 0.47	<0.66 ± 0.31
Bismuth-214	N/A	**0.8 ± 0.24**	**1.22 ± 0.37**	**1.23 ± 0.33**	**0.53 ± 0.2**	**0.92 ± 0.25**	**0.63 ± 0.19**
Cesium-137	N/A	<0.078 ± 0.041	<0.11 ± 0.06	<0.14 ± 0.075	<0.074 ± 0.044	<0.1 ± 0.056	<0.06 ± 0.033
Cobalt-60	N/A	<0.11 ± 0.052	<0.14 ± 0.069	<0.13 ± 0.061	<0.067 ± 0.036	<0.11 ± 0.054	<0.063 ± 0.04
Lead-212	N/A	**0.97 ± 0.2**	**1.26 ± 0.26**	**1.6 ± 0.34**	**0.84 ± 0.18**	**0.75 ± 0.18**	**0.44 ± 0.1**
Lead-214	N/A	**0.77 ± 0.19**	**1.1 ± 0.22**	**1.35 ± 0.3**	**0.44 ± 0.14**	**0.96 ± 0.21**	**0.55 ± 0.12**
Potassium-40	N/A	**14.6 ± 3**	**16.1 ± 3.6**	**15.8 ± 3.6**	**11.1 ± 2.3**	**14.9 ± 3**	**11.2 ± 2.4**
Radium-224	N/A	**2.3 ± 1.7**	<2.4 ± 1.8	**4.1 ± 2.9**	**2.1 ± 1.5**	**2.5 ± 1.8**	<1.4 ± 0.67
Radium-226	N/A	**1.4 ± 01± 1**	<2.3 ± 1.2	**2.0 ± 1.5**	<1.5 ± 0.76	<1.8 ± 0.94	<1.3 ± 0.67
Thallium-208	N/A	**0.33 ± 0.11**	**0.36 ± 0.14**	**0.52 ± 0.16**	**0.354 ± 0.097**	**0.24 ± 0.087**	**0.221 ± 0.072**
Thorium-234	N/A	<0.96 ± 0.57	<1.4 ± 0.74	<1.5 ± 0.91	**0.98 ± 0.51**	<1.1 ± 0.58	<0.76 ± 0.4
Uranium 235 and 236	N/A	<0.4 ± 0.21	<0.52 ± 0.31	<0.49 ± 0.28	<0.34 ± 0.19	<0.4 ± 0.22	<0.28 ± 0.16

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-283-0000	TS6-SS-284-0000	TS6-SS-284A-0000	TS6-SS-285-0000	TS6-SS-286-0000	TS6-SS-287-0000
Date Collected		9/27/2003	9/27/2003	9/27/2003	9/27/2003	9/27/2003	9/27/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**1.29 ± 0.38**	**2.43 ± 0.63**	**2.51 ± 0.63**	**1.48 ± 0.47**	**1.4 ± 0.56**	**2.49 ± 0.58**
Bismuth-212	N/A	<1.1 ± 0.51	**1.5 ± 0.8**	**1.34 ± 0.75**	<1.0 ± 0.52	<1.3 ± 0.59	**2.17 ± 0.7**
Bismuth-214	N/A	**1.04 ± 0.27**	**1.19 ± 0.32**	**1.03 ± 0.31**	**1.09 ± 0.29**	**1.41 ± 0.35**	**1.0 ± 0.28**
Cesium-137	N/A	<0.11 ± 0.056	<0.13 ± 0.069	<0.13 ± 0.073	<0.095 ± 0.054	<0.12 ± 0.062	<0.1 ± 0.062
Cobalt-60	N/A	<0.12 ± 0.048	<0.093 ± 0.056	<0.14 ± 0.067	<0.12 ± 0.066	<0.095 ± 0.053	<0.09 ± 0.049
Lead-212	N/A	**1.31 ± 0.28**	**1.8 ± 0.41**	**2.68 ± 0.49**	**1.14 ± 0.24**	**1.03 ± 0.26**	**2.37 ± 0.42**
Lead-214	N/A	**1.08 ± 0.22**	**1.19 ± 0.25**	**1.06 ± 0.25**	**1.04 ± 0.2**	**1.38 ± 0.28**	**1.1 ± 0.24**
Potassium-40	N/A	**16.2 ± 3.2**	**15.2 ± 3.2**	**13.6 ± 3.1**	**16.2 ± 3.4**	**14.7 ± 3.2**	**15.4 ± 3.1**
Radium-224	N/A	**3.4 ± 2.3**	**4.5 ± 3**	**5.7 ± 3.6**	**4.0 ± 2.7**	**3.0 ± 2.2**	**5.2 ± 3.3**
Radium-226	N/A	**2.2 ± 1.5**	**2.6 ± 1.4**	**2.6 ± 1.8**	**3.4 ± 1.4**	**2.4 ± 1.2**	**2.6 ± 1.1**
Thallium-208	N/A	**0.43 ± 0.12**	**0.79 ± 0.2**	**1.02 ± 0.23**	**0.41 ± 0.14**	**0.34 ± 0.13**	**0.85 ± 0.21**
Thorium-234	N/A	<1.2 ± 0.66	**2.53 ± 0.95**	**1.88 ± 0.92**	**1.73 ± 0.71**	**1.41 ± 0.83**	**2.23 ± 0.65**
Uranium 235 and 236	N/A	<0.44 ± 0.24	<0.53 ± 0.3	<0.59 ± 0.33	<0.46 ± 0.25	<0.51 ± 0.28	<0.43 ± 0.26

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-288-0000	TS6-SS-289-0000	TS6-SS-290-0000	TS6-SS-291-0000	TS6-SS-292-0000	TS6-SS-293-0000
Date Collected		9/27/2003	9/27/2003	9/27/2003	9/27/2003	9/27/2003	9/30/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**1.44 ± 0.52**	**1.02 ± 0.38**	**1.62 ± 0.47**	**1.04 ± 0.33**	**0.92 ± 0.37**	**1.55 ± 0.46**
Bismuth-212	N/A	<1.1 ± 0.49	<1.1 ± 0.5	<1.4 ± 0.69	<1.0 ± 0.52	<1.3 ± 0.59	<1.2 ± 0.57
Bismuth-214	N/A	**1.0 ± 0.24**	**1.28 ± 0.29**	**0.98 ± 0.29**	**0.97 ± 0.25**	**1.41 ± 0.35**	**0.9 ± 0.33**
Cesium-137	N/A	<0.11 ± 0.058	<0.12 ± 0.062	<0.12 ± 0.062	<0.093 ± 0.048	<0.089 ± 0.053	<0.16 ± 0.08
Cobalt-60	N/A	<0.12 ± 0.066	<0.13 ± 0.065	<0.1 ± 0.047	<0.11 ± 0.065	<0.15 ± 0.069	<0.097 ± 0.049
Lead-212	N/A	**0.77 ± 0.21**	**1.11 ± 0.22**	**1.85 ± 0.37**	**0.84 ± 0.23**	**1.02 ± 0.24**	**1.22 ± 0.27**
Lead-214	N/A	**0.9 ± 0.2**	**1.07 ± 0.21**	**1.15 ± 0.25**	**1.11 ± 0.22**	**1.15 ± 0.25**	**1.3 ± 0.25**
Potassium-40	N/A	**12.4 ± 2.8**	**17 ± 3.3**	**13.3 ± 3.1**	**14.1 ± 2.8**	**15.7 ± 3.4**	**17.7 ± 3.7**
Radium-224	N/A	**3.0 ± 2.1**	<2.4 ± 1.3	**2.9 ± 2.2**	<2.0 ± 1.6	**3.8 ± 2.5**	**3.3 ± 2.4**
Radium-226	N/A	**1.5 ± 1.3**	**2.2 ± 1.5**	**2.2 ± 1.1**	**1.5 ± 1.4**	<2.3 ± 1.2	**1.7 ± 1.4**
Thallium-208	N/A	**0.3 ± 0.12**	**0.41 ± 0.12**	**0.66 ± 0.18**	**0.34 ± 0.11**	**0.35 ± 0.14**	**0.55 ± 0.16**
Thorium-234	N/A	<1.3 ± 0.76	**2.0 ± 0.75**	**1.39 ± 0.81**	<1.1 ± 0.62	<1.4 ± 0.57	**1.48 ± 0.82**
Uranium 235 and 236	N/A	<0.43 ± 0.25	<0.43 ± 0.24	<0.48 ± 0.27	<0.39 ± 0.22	<0.45 ± 0.26	<0.5 ± 0.26

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-294-0000	TS6-SS-294A-0000	TS6-SS-295-0000	TS6-SS-296-0000	TS6-SS-297-0000	TS6-SS-298-0000
Date Collected		9/30/2003	9/30/2003	9/30/2003	9/30/2003	9/30/2003	9/30/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**1.18 ± 0.45**	**1.07 ± 0.35**	**0.67 ± 0.38**	<0.82 ± 0.46	**1.13 ± 0.37**	**1.38 ± 0.46**
Bismuth-212	N/A	<1.1 ± 0.54	<0.87 ± 0.45	<1.3 ± 0.61	<1.1 ± 0.52	<1.0 ± 0.5	**1.15 ± 0.82**
Bismuth-214	N/A	**1.21 ± 0.33**	**1.0 ± 0.28**	**0.91 ± 0.24**	**0.96 ± 0.3**	**0.91 ± 0.25**	**1.15 ± 0.32**
Cesium-137	N/A	<0.12 ± 0.061	<0.11 ± 0.058	<0.11 ± 0.055	<0.12 ± 0.066	<0.1 ± 0.055	<0.12 ± 0.066
Cobalt-60	N/A	<0.11 ± 0.05	<0.13 ± 0.06	<0.1 ± 0.052	<0.11 ± 0.058	<0.11 ± 0.056	<0.12 ± 0.06
Lead-212	N/A	**0.95 ± 0.23**	**0.78 ± 0.21**	**0.86 ± 0.23**	**0.96 ± 0.23**	**0.86 ± 0.18**	**1.23 ± 0.27**
Lead-214	N/A	**1.22 ± 0.25**	**0.98 ± 0.23**	**1.18 ± 0.25**	**1.4 ± 0.28**	**1.15 ± 0.21**	**1.2 ± 0.25**
Potassium-40	N/A	**16.3 ± 3.3**	**14.8 ± 3.5**	**15.8 ± 3.3**	**15.1 ± 3.4**	**15.8 ± 3.5**	**18.9 ± 3.9**
Radium-224	N/A	**3.5 ± 2.3**	**4.5 ± 2.9**	**3.7 ± 2.5**	**3.2 ± 2.2**	**4.6 ± 2.9**	**3.7 ± 2.5**
Radium-226	N/A	<1.9 ± 01± 1	**2.1 ± 01± 1**	**1.8 ± 1.3**	<2.2 ± 1.1	**2.6 ± 1.4**	**2.3 ± 1.6**
Thallium-208	N/A	**0.37 ± 0.14**	**0.27 ± 0.12**	**0.38 ± 0.12**	**0.27 ± 0.14**	**0.188 ± 0.082**	**0.52 ± 0.15**
Thorium-234	N/A	<1.2 ± 0.66	<1.1 ± 0.62	**1.44 ± 0.75**	**2.18 ± 0.8**	<1.2 ± 0.64	<1.3 ± 0.72
Uranium 235 and 236	N/A	<0.45 ± 0.24	<0.43 ± 0.24	<0.42 ± 0.23	<0.48 ± 0.28	<0.42 ± 0.24	<0.5 ± 0.27

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-299-0000	TS6-SS-300-0000	TS6-SS-301-0000	TS6-SS-302-0000	TS6-SS-303-0000	TS6-SS-304-0000
Date Collected		9/30/2003	9/30/2003	9/30/2003	9/30/2003	10/10/2003	10/10/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**1.38 ± 0.43**	**1.1 ± 0.37**	**0.96 ± 0.29**	**1.36 ± 0.38**	**0.95 ± 0.33**	**1.2 ± 0.35**
Bismuth-212	N/A	<1.0 ± 0.47	**0.79 ± 0.51**	<0.88 ± 0.43	<1.1 ± 0.54	<0.78 ± 0.39	**0.83 ± 0.44**
Bismuth-214	N/A	**1.1 ± 0.3**	**0.96 ± 0.26**	**0.96 ± 0.3**	**1.11 ± 0.28**	**0.65 ± 0.21**	**0.68 ± 0.2**
Cesium-137	N/A	<0.14 ± 0.072	<0.11 ± 0.06	<0.1 ± 0.052	<0.096 ± 0.055	<0.094 ± 0.049	<0.14 ± 0.067
Cobalt-60	N/A	<0.11 ± 0.064	<0.14 ± 0.07	<0.1 ± 0.051	<0.08 ± 0.049	<0.099 ± 0.053	<0.086 ± 0.047
Lead-212	N/A	**1.05 ± 0.24**	**1.01 ± 0.22**	**0.99 ± 0.21**	**1.24 ± 0.26**	**0.67 ± 0.17**	**1.09 ± 0.24**
Lead-214	N/A	**1.2 ± 0.22**	**0.96 ± 0.21**	**0.84 ± 0.17**	**1.09 ± 0.22**	**0.63 ± 0.14**	**0.92 ± 0.19**
Potassium-40	N/A	**14.1 ± 3.2**	**14.7 ± 3.3**	**13.6 ± 3.1**	**14.4 ± 3**	**14.4 ± 2.8**	**14.4 ± 2.8**
Radium-224	N/A	**6.1 ± 3.8**	**2.5 ± 1.9**	**4.2 ± 2.7**	**3.6 ± 2.4**	**2.9 ± 1.9**	**3.4 ± 2.3**
Radium-226	N/A	**2.5 ± 1.3**	<2.0 ± 0.99	**1.49 ± 0.999**	**1.7 ± 1.4**	<1.1 ± 0.9	<1.7 ± 0.9
Thallium-208	N/A	**0.42 ± 0.14**	**0.37 ± 0.13**	**0.32 ± 0.1**	**0.43 ± 0.14**	**0.286 ± 0.092**	**0.52 ± 0.14**
Thorium-234	N/A	**1.73 ± 0.58**	<1.4 ± 0.73	<1.0 ± 0.57	<1.1 ± 0.62	<0.86 ± 0.47	**1.13 ± 0.64**
Uranium 235 and 236	N/A	<0.46 ± 0.26	<0.51 ± 0.27	<0.38 ± 0.21	<0.39 ± 0.23	<0.33 ± 0.19	<0.4 ± 0.22

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-304A-0000	TS6-SS-305-0000	TS6-SS-306-0000	TS6-SS-307-0000	TS6-SS-308-0000	TS6-SS-309-0000
Date Collected		10/10/2003	9/29/2003	9/29/2003	9/29/2003	9/27/2003	9/27/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**1.5 ± 0.4**	**1.03 ± 0.3**	**0.96 ± 0.35**	**0.7 ± 0.24**	**1.2 ± 0.37**	**1.08 ± 0.32**
Bismuth-212	N/A	**0.86 ± 0.54**	**0.88 ± 0.58**	<1.1 ± 0.5	<0.72 ± 0.34	<0.98 ± 0.49	<0.85 ± 0.41
Bismuth-214	N/A	**0.49 ± 0.17**	**0.65 ± 0.21**	**0.72 ± 0.24**	**0.6 ± 0.18**	**0.84 ± 0.24**	**0.59 ± 0.18**
Cesium-137	N/A	<0.087 ± 0.059	<0.11 ± 0.055	<0.071 ± 0.041	**0.1 ± 0.062**	<0.15 ± 0.072	<0.084 ± 0.045
Cobalt-60	N/A	<0.089 ± 0.05	<0.073 ± 0.042	<0.1 ± 0.047	<0.098 ± 0.044	<0.11 ± 0.062	<0.11 ± 0.05
Lead-212	N/A	**1.57 ± 0.27**	**1.11 ± 0.23**	**0.87 ± 0.19**	**0.74 ± 0.15**	**1.04 ± 0.21**	**0.87 ± 0.19**
Lead-214	N/A	**0.52 ± 0.12**	**0.73 ± 0.16**	**0.76 ± 0.19**	**0.73 ± 0.14**	**0.8 ± 0.17**	**0.73 ± 0.16**
Potassium-40	N/A	**12.5 ± 2.6**	**13.8 ± 2.7**	**16.9 ± 3.3**	**13.4 ± 2.6**	**12.8 ± 2.8**	**16.2 ± 3.2**
Radium-224	N/A	**2.2 ± 1.4**	**3.4 ± 2.2**	**2.2 ± 1.6**	**1.7 ± 1.2**	**2.2 ± 1.6**	**2.9 ± 1.9**
Radium-226	N/A	**2.4 ± 1.4**	**1.48 ± 0.75**	<1.4 ± 1.2	**1.54 ± 0.83**	**1.7 ± 1.4**	<1.4 ± 0.75
Thallium-208	N/A	**0.55 ± 0.14**	**0.43 ± 0.12**	**0.34 ± 0.12**	**0.214 ± 0.078**	**0.35 ± 0.11**	**0.239 ± 0.099**
Thorium-234	N/A	**1.27 ± 0.59**	**0.99 ± 0.53**	<1.0 ± 0.55	<0.83 ± 0.44	<1.2 ± 0.61	**1.34 ± 0.56**
Uranium 235 and 236	N/A	<0.35 ± 0.2	<0.37 ± 0.2	<0.43 ± 0.23	<0.34 ± 0.18	<0.43 ± 0.23	<0.35 ± 0.2

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-310-0000	TS6-SS-311-0000	TS6-SS-312-0000	TS6-SS-313-0000	TS6-SS-314-0000	TS6-SS-314A-0000
Date Collected		9/29/2003	10/10/2003	9/29/2003	9/27/2003	9/27/2003	9/27/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**0.89 ± 0.25**	**0.85 ± 0.32**	**0.91 ± 0.27**	**1.01 ± 0.34**	**1.2 ± 0.4**	**1.14 ± 0.39**
Bismuth-212	N/A	<0.53 ± 0.44	<0.8 ± 0.37	<0.78 ± 0.39	<0.91 ± 0.46	**1.0 ± 0.54**	<0.81 ± 0.56
Bismuth-214	N/A	**0.69 ± 0.19**	**0.49 ± 0.18**	**0.59 ± 0.19**	**0.89 ± 0.24**	**1.04 ± 0.28**	**0.99 ± 0.27**
Cesium-137	N/A	**0.203 ± 0.069**	<0.095 ± 0.05	<0.082 ± 0.043	<0.092 ± 0.051	<0.13 ± 0.067	<0.12 ± 0.062
Cobalt-60	N/A	<0.1 ± 0.051	<0.11 ± 0.054	<0.09 ± 0.047	<0.089 ± 0.051	<0.13 ± 0.062	<0.15 ± 0.071
Lead-212	N/A	**0.84 ± 0.19**	**0.7 ± 0.17**	**0.75 ± 0.19**	**0.73 ± 0.18**	**1.27 ± 0.26**	**1.12 ± 0.22**
Lead-214	N/A	**0.62 ± 0.15**	**0.52 ± 0.14**	**0.66 ± 0.15**	**1.03 ± 0.2**	**1.23 ± 0.23**	**1.16 ± 0.21**
Potassium-40	N/A	**13.8 ± 2.6**	**13.1 ± 2.7**	**13.7 ± 2.6**	**15.9 ± 3.2**	**14 ± 2.8**	**16.6 ± 3.4**
Radium-224	N/A	**2.1 ± 1.5**	<1.5 ± 0.95	**2.6 ± 1.7**	**4.5 ± 2.8**	**3.1 ± 2.2**	**5.5 ± 3.4**
Radium-226	N/A	<1.4 ± 0.75	<1.5 ± 0.78	<1.3 ± 0.71	**1.7 ± 1.1**	**2.5 ± 1.3**	**2.2 ± 1.2**
Thallium-208	N/A	**0.298 ± 0.097**	**0.214 ± 0.089**	**0.283 ± 0.085**	**0.23 ± 0.11**	**0.45 ± 0.15**	**0.37 ± 0.12**
Thorium-234	N/A	<0.91 ± 0.5	<0.98 ± 0.55	<0.89 ± 0.49	**1.2 ± 0.58**	<1.2 ± 0.64	<1.1 ± 0.6
Uranium 235 and 236	N/A	<0.38 ± 0.2	<0.36 ± 0.2	<0.32 ± 0.19	<0.38 ± 0.22	<0.4 ± 0.23	<0.47 ± 0.25

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-315-0000	TS6-SS-316-0000	TS6-SS-317-0000	TS6-SS-318-0000	TS6-SS-319-0000	TS6-SS-320-0000
Date Collected		9/27/2003	9/27/2003	9/27/2003	9/27/2003	9/27/2003	9/27/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**1.43 ± 0.56**	**0.78 ± 0.27**	**1.47 ± 0.41**	**1.05 ± 0.41**	**0.88 ± 0.47**	**0.98 ± 0.38**
Bismuth-212	N/A	<1.2 ± 0.54	<0.75 ± 0.38	<1.0 ± 0.51	<1.0 ± 0.47	<1.2 ± 0.58	<1.2 ± 0.59
Bismuth-214	N/A	**0.81 ± 0.24**	**0.73 ± 0.18**	**0.77 ± 0.23**	**1.34 ± 0.31**	**1.07 ± 0.29**	**1.08 ± 0.26**
Cesium-137	N/A	<0.1 ± 0.066	<0.064 ± 0.041	<0.098 ± 0.054	<0.1 ± 0.055	<0.1 ± 0.057	<0.12 ± 0.06
Cobalt-60	N/A	<0.087 ± 0.043	<0.089 ± 0.051	<0.12 ± 0.063	<0.14 ± 0.064	<0.089 ± 0.059	<0.12 ± 0.07
Lead-212	N/A	**1.29 ± 0.27**	**0.67 ± 0.16**	**1.01 ± 0.22**	**0.91 ± 0.21**	**1.05 ± 0.23**	**1.24 ± 0.24**
Lead-214	N/A	**0.91 ± 0.2**	**0.58 ± 0.16**	**0.84 ± 0.21**	**1.32 ± 0.26**	**1.05 ± 0.23**	**1.28 ± 0.23**
Potassium-40	N/A	**16.9 ± 3.5**	**14.4 ± 2.7**	**16.2 ± 3.3**	**15.3 ± 3.3**	**13.7 ± 3**	**15.8 ± 3.5**
Radium-224	N/A	**2.9 ± 2.1**	**3.0 ± 1.9**	**3.3 ± 2.2**	<2.0 ± 1.6	**2.9 ± 2**	**3.0 ± 1.9**
Radium-226	N/A	<2.1 ± 1.1	<1.1 ± 0.86	<1.9 ± 0.98	**2.6 ± 1.4**	**1.7 ± 1.2**	<2.0 ± 1.1
Thallium-208	N/A	**0.36 ± 0.12**	**0.257 ± 0.08**	**0.31 ± 0.1**	**0.26 ± 0.11**	**0.33 ± 0.12**	**0.42 ± 0.13**
Thorium-234	N/A	<1.3 ± 0.76	<0.85 ± 0.63	**1.6 ± 0.79**	<1.2 ± 0.7	<1.4 ± 0.74	**1.84 ± 0.73**
Uranium 235 and 236	N/A	<0.49 ± 0.28	<0.32 ± 0.18	<0.43 ± 0.24	<0.43 ± 0.23	<0.5 ± 0.27	<0.45 ± 0.25

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-321-0000	TS6-SS-322-0000	TS6-SS-323-0000	TS6-SS-324-0000	TS6-SS-324A-0000	TS6-SS-325-0000
Date Collected		9/27/2003	9/27/2003	9/27/2003	9/27/2003	9/27/2003	9/27/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**1.5 ± 0.44**	**0.33 ± 0.19**	**2.57 ± 0.64**	**0.75 ± 0.36**	**0.91 ± 0.38**	**1.18 ± 0.34**
Bismuth-212	N/A	<1.4 ± 0.71	<0.59 ± 0.31	**2.6 ± 01± 1**	<0.99 ± 0.47	<1.0 ± 0.5	<0.92 ± 0.43
Bismuth-214	N/A	**1.28 ± 0.34**	**0.48 ± 0.14**	**1.04 ± 0.31**	**1.19 ± 0.32**	**1.12 ± 0.3**	**0.8 ± 0.24**
Cesium-137	N/A	<0.11 ± 0.061	<0.054 ± 0.031	<0.14 ± 0.07	<0.1 ± 0.057	<0.083 ± 0.051	<0.095 ± 0.054
Cobalt-60	N/A	<0.15 ± 0.073	<0.086 ± 0.039	<0.16 ± 0.075	<0.11 ± 0.057	<0.12 ± 0.052	<0.094 ± 0.044
Lead-212	N/A	**1.23 ± 0.27**	**0.29 ± 0.1**	**2.46 ± 0.46**	**0.89 ± 0.21**	**0.86 ± 0.21**	**1.01 ± 0.23**
Lead-214	N/A	**1.41 ± 0.29**	**0.49 ± 0.12**	**1.36 ± 0.28**	**1.11 ± 0.22**	**1.13 ± 0.24**	**1.03 ± 0.21**
Potassium-40	N/A	**19.2 ± 3.9**	**9.6 ± 2**	**17.9 ± 3.6**	**13.8 ± 3.1**	**13.1 ± 2.9**	**14.2 ± 2.9**
Radium-224	N/A	**3.4 ± 2.4**	<1.3 ± 01± 1	**5.3 ± 3.4**	**4.9 ± 3.1**	**2.7 ± 2**	**2.6 ± 1.9**
Radium-226	N/A	**2.5 ± 1.2**	<1.2 ± 0.62	<2.4 ± 1.3	**2.3 ± 1.3**	<1.9 ± 0.99	<1.4 ± 1.2
Thallium-208	N/A	**0.49 ± 0.17**	**0.146 ± 0.063**	**0.92 ± 0.21**	**0.35 ± 0.1**	**0.34 ± 0.13**	**0.37 ± 0.12**
Thorium-234	N/A	<1.4 ± 0.74	<0.72 ± 0.47	**3.1 ± 1.1**	<1.2 ± 0.66	<1.3 ± 0.68	**1.23 ± 0.64**
Uranium 235 and 236	N/A	<0.43 ± 0.26	<0.27 ± 0.14	<0.57 ± 0.32	<0.42 ± 0.24	<0.45 ± 0.24	<0.41 ± 0.22

Notes:

RO	Remediation objective
N/A	Not applicable
pCi/g	picoCuries per gram
ft	feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-326-0000	TS6-SS-327-0000	TS6-SS-328-0000	TS6-SS-329-0000	TS6-SS-330-0000	TS6-SS-331-0000
Date Collected		9/27/2003	9/27/2003	9/27/2003	9/27/2003	9/27/2003	9/27/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**1.38 ± 0.39**	**1.11 ± 0.34**	**0.82 ± 0.28**	**0.89 ± 0.4**	**1.0 ± 0.39**	**1.1 ± 0.4**
Bismuth-212	N/A	<0.97 ± 0.47	<1.1 ± 0.54	<0.68 ± 0.46	<1.2 ± 0.55	**0.74 ± 0.41**	**0.99 ± 0.59**
Bismuth-214	N/A	**0.87 ± 0.22**	**0.9 ± 0.29**	**0.86 ± 0.21**	**1.01 ± 0.27**	**0.9 ± 0.25**	**1.24 ± 0.38**
Cesium-137	N/A	<0.079 ± 0.05	<0.098 ± 0.055	<0.1 ± 0.055	<0.1 ± 0.052	<0.1 ± 0.056	<0.096 ± 0.05
Cobalt-60	N/A	<0.1 ± 0.052	<0.078 ± 0.055	<0.08 ± 0.054	<0.12 ± 0.054	<0.12 ± 0.064	<0.13 ± 0.06
Lead-212	N/A	**1.29 ± 0.25**	**0.93 ± 0.22**	**0.85 ± 0.17**	**1.2 ± 0.23**	**0.83 ± 0.2**	**1.02 ± 0.22**
Lead-214	N/A	**1.13 ± 0.21**	**1.07 ± 0.25**	**0.77 ± 0.18**	**1.02 ± 0.2**	**0.96 ± 0.2**	**1.2 ± 0.23**
Potassium-40	N/A	**15.2 ± 2.9**	**13.2 ± 3**	**14.9 ± 3.1**	**13.6 ± 3**	**12.1 ± 2.6**	**12.5 ± 2.9**
Radium-224	N/A	**3.6 ± 2.4**	**2.4 ± 1.8**	<2.0 ± 1.2	**2.2 ± 1.7**	**1.8 ± 1.4**	**3.8 ± 2.5**
Radium-226	N/A	<1.6 ± 0.82	**2.9 ± 1.1**	**1.7 ± 1.1**	<2.1 ± 1.1	**1.5 ± 01± 1**	<1.7 ± 1.3
Thallium-208	N/A	**0.48 ± 0.13**	**0.35 ± 0.13**	**0.18 ± 0.12**	**0.44 ± 0.14**	**0.28 ± 0.1**	**0.34 ± 0.12**
Thorium-234	N/A	**1.35 ± 0.64**	<1.3 ± 0.77	<1.0 ± 0.76	<1.2 ± 0.65	<1.1 ± 0.64	**1.5 ± 0.74**
Uranium 235 and 236	N/A	<0.33 ± 0.21	<0.47 ± 0.25	<0.35 ± 0.21	<0.44 ± 0.24	<0.39 ± 0.21	<0.43 ± 0.26

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-332-0000	TS6-SS-333-0000	TS6-SS-334-0000	TS6-SS-334A-0000	TS6-SS-335-0000	TS6-SS-336-0000
Date Collected		9/27/2003	9/30/2003	9/30/2003	9/30/2003	10/6/2003	10/6/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**1.91 ± 0.51**	**1.08 ± 0.44**	**1.38 ± 0.39**	**1.27 ± 0.45**	**0.91 ± 0.32**	**0.66 ± 0.24**
Bismuth-212	N/A	**1.13 ± 0.59**	<1.0 ± 0.52	<1.0 ± 0.54	**1.57 ± 0.61**	<0.9 ± 0.43	<0.92 ± 0.44
Bismuth-214	N/A	**1.05 ± 0.29**	**0.98 ± 0.3**	**0.97 ± 0.27**	**0.95 ± 0.26**	**0.78 ± 0.25**	**0.7 ± 0.22**
Cesium-137	N/A	<0.14 ± 0.074	<0.1 ± 0.059	<0.12 ± 0.067	<0.098 ± 0.048	<0.11 ± 0.058	<0.096 ± 0.054
Cobalt-60	N/A	<0.098 ± 0.054	<0.11 ± 0.047	<0.12 ± 0.065	<0.12 ± 0.054	<0.1 ± 0.048	<0.1 ± 0.062
Lead-212	N/A	**1.72 ± 0.34**	**0.9 ± 0.23**	**1.28 ± 0.24**	**1.37 ± 0.28**	**0.72 ± 0.16**	**0.84 ± 0.19**
Lead-214	N/A	**1.11 ± 0.23**	**1.18 ± 0.26**	**1.15 ± 0.2**	**1.2 ± 0.24**	**0.91 ± 0.18**	**0.86 ± 0.18**
Potassium-40	N/A	**18.2 ± 3.5**	**14.5 ± 3.2**	**14.3 ± 3**	**18.7 ± 3.5**	**16.2 ± 3.2**	**13.8 ± 2.8**
Radium-224	N/A	**7.1 ± 4.4**	**2.8 ± 2.1**	**6.1 ± 3.8**	**4.3 ± 2.8**	**2.5 ± 1.7**	**2.0 ± 1.5**
Radium-226	N/A	<1.6 ± 1.1	**2.5 ± 1.5**	<1.9 ± 01± 1	<1.7 ± 0.91	<1.8 ± 0.93	**1.71 ± 0.88**
Thallium-208	N/A	**0.65 ± 0.17**	**0.31 ± 0.12**	**0.49 ± 0.14**	**0.56 ± 0.16**	**0.334 ± 0.0998**	**0.234 ± 0.09**
Thorium-234	N/A	<1.4 ± 0.76	**5.1 ± 1.1**	**1.8 ± 01± 1**	**1.6 ± 0.73**	**1.35 ± 0.82**	**1.34 ± 0.58**
Uranium 235 and 236	N/A	<0.52 ± 0.29	<0.49 ± 0.27	<0.43 ± 0.24	<0.39 ± 0.22	<0.37 ± 0.21	<0.36 ± 0.2

Notes:

RO	Remediation objective
N/A	Not applicable
pCi/g	picoCuries per gram
ft	feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-337-0000	TS6-SS-338-0000	TS6-SS-339-0000	TS6-SS-340-0000	TS6-SS-341-0000	TS6-SS-342-0000
Date Collected		10/6/2003	10/6/2003	9/30/2003	9/30/2003	10/6/2003	10/6/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**0.67 ± 0.3**	**0.95 ± 0.33**	**1.22 ± 0.45**	**0.98 ± 0.29**	**0.98 ± 0.36**	**0.81 ± 0.35**
Bismuth-212	N/A	<0.92 ± 0.42	**0.77 ± 0.4**	<1.1 ± 0.56	<0.83 ± 0.41	**1.01 ± 0.48**	<0.96 ± 0.47
Bismuth-214	N/A	**0.73 ± 0.2**	**0.87 ± 0.23**	**1.04 ± 0.3**	**0.86 ± 0.23**	**1.02 ± 0.27**	**0.98 ± 0.25**
Cesium-137	N/A	<0.095 ± 0.044	<0.12 ± 0.063	<0.1 ± 0.059	<0.09 ± 0.05	<0.097 ± 0.044	<0.11 ± 0.059
Cobalt-60	N/A	<0.12 ± 0.051	<0.096 ± 0.05	<0.14 ± 0.061	<0.098 ± 0.044	<0.1 ± 0.051	<0.093 ± 0.051
Lead-212	N/A	**0.83 ± 0.19**	**1.06 ± 0.21**	**1.2 ± 0.24**	**0.89 ± 0.18**	**0.79 ± 0.24**	**0.81 ± 0.16**
Lead-214	N/A	**0.75 ± 0.18**	**0.9 ± 0.2**	**1.03 ± 0.21**	**0.89 ± 0.18**	**0.97 ± 0.23**	**0.92 ± 0.17**
Potassium-40	N/A	**13.3 ± 2.8**	**15.6 ± 3.2**	**14.7 ± 3.1**	**16.1 ± 3**	**14.3 ± 3.3**	**16.5 ± 3.4**
Radium-224	N/A	<1.7 ± 1.2	<1.3 ± 0.91	**2.3 ± 1.7**	**3.2 ± 2.1**	**2.6 ± 1.9**	**3.9 ± 2.5**
Radium-226	N/A	**1.5 ± 01± 1**	**2.7 ± 1.2**	**2.2 ± 1.1**	<1.2 ± 0.98	**1.6 ± 1.4**	**1.5 ± 1.1**
Thallium-208	N/A	**0.235 ± 0.092**	**0.33 ± 0.13**	**0.49 ± 0.14**	**0.41 ± 0.11**	**0.32 ± 0.12**	**0.29 ± 0.11**
Thorium-234	N/A	<1.0 ± 0.55	<1.1 ± 0.59	**1.73 ± 0.72**	<1.0 ± 0.54	<1.2 ± 0.65	**1.45 ± 0.6**
Uranium 235 and 236	N/A	<0.42 ± 0.23	<0.38 ± 0.22	<0.43 ± 0.24	<0.34 ± 0.18	<0.47 ± 0.26	<0.39 ± 0.22

Notes:

RO	Remediation objective
N/A	Not applicable
pCi/g	picoCuries per gram
ft	feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-343-0000	TS6-SS-344-0000	TS6-SS-344A-0000	TS6-SS-345-0000	TS6-SS-346-0000	TS6-SS-347-0000
Date Collected		9/27/2003	9/27/2003	9/27/2003	9/29/2003	9/29/2003	9/29/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**0.88 ± 0.31**	**0.48 ± 0.17**	<0.45 ± 0.23	<0.51 ± 0.28	**0.47 ± 0.21**	**0.73 ± 0.24**
Bismuth-212	N/A	<0.87 ± 0.39	<0.77 ± 0.36	<0.63 ± 0.29	<0.8 ± 0.38	<0.71 ± 0.33	<0.64 ± 0.33
Bismuth-214	N/A	**0.75 ± 0.22**	**0.64 ± 0.18**	**0.48 ± 0.16**	**0.47 ± 0.16**	**0.58 ± 0.17**	**0.52 ± 0.17**
Cesium-137	N/A	<0.09 ± 0.047	<0.063 ± 0.06	<0.079 ± 0.038	<0.11 ± 0.05	<0.094 ± 0.045	<0.099 ± 0.048
Cobalt-60	N/A	<0.081 ± 0.037	<0.071 ± 0.037	<0.089 ± 0.037	<0.091 ± 0.04	<0.09 ± 0.052	<0.077 ± 0.037
Lead-212	N/A	**0.56 ± 0.13**	**0.43 ± 0.12**	**0.34 ± 0.1**	**0.5 ± 0.11**	**0.47 ± 0.13**	**0.53 ± 0.15**
Lead-214	N/A	**0.73 ± 0.16**	**0.68 ± 0.14**	**0.45 ± 0.12**	**0.47 ± 0.12**	**0.59 ± 0.14**	**0.53 ± 0.12**
Potassium-40	N/A	**12.8 ± 2.7**	**11.3 ± 2.3**	**10.2 ± 2.2**	**12.2 ± 2.6**	**16.1 ± 3**	**11.3 ± 2.3**
Radium-224	N/A	<1.7 ± 1.2	<1.4 ± 1.1	**1.6 ± 1.2**	<1.4 ± 0.96	**2.3 ± 1.6**	<1.5 ± 1.2
Radium-226	N/A	<1.5 ± 0.76	<1.2 ± 0.64	<1.2 ± 0.64	<1.3 ± 0.63	**1.14 ± 0.82**	**1.3 ± 0.76**
Thallium-208	N/A	**0.287 ± 0.091**	**0.102 ± 0.06**	**0.164 ± 0.06**	**0.152 ± 0.065**	**0.214 ± 0.078**	**0.17 ± 0.078**
Thorium-234	N/A	<0.85 ± 0.45	<0.76 ± 0.4	<0.75 ± 0.51	<0.83 ± 0.43	<0.82 ± 0.44	<0.84 ± 0.45
Uranium 235 and 236	N/A	<0.37 ± 0.2	<0.29 ± 0.16	<0.29 ± 0.15	<0.3 ± 0.17	<0.31 ± 0.17	<0.31 ± 0.18

Notes:

RO	Remediation objective
N/A	Not applicable
pCi/g	picoCuries per gram
ft	feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-348-0000	TS6-SS-349-0000	TS6-SS-350-0000	TS6-SS-351-0000	TS6-SS-352-0000	TS6-SS-353-0000
Date Collected		9/29/2003	10/10/2003	10/10/2003	9/29/2003	9/29/2003	9/29/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**0.8 ± 0.25**	<0.59 ± 0.3	**0.65 ± 0.32**	**0.93 ± 0.34**	**1.92 ± 0.5**	**2.46 ± 0.61**
Bismuth-212	N/A	<0.84 ± 0.4	<0.8 ± 0.38	<0.72 ± 0.38	<0.99 ± 0.47	**1.36 ± 0.62**	**2.43 ± 0.89**
Bismuth-214	N/A	**0.74 ± 0.2**	**0.72 ± 0.2**	**0.65 ± 0.19**	**0.8 ± 0.2**	**0.97 ± 0.28**	**1.09 ± 0.32**
Cesium-137	N/A	**0.136 ± 0.072**	<0.11 ± 0.051	<0.066 ± 0.046	<0.12 ± 0.058	<0.14 ± 0.069	<0.13 ± 0.072
Cobalt-60	N/A	<0.094 ± 0.049	<0.11 ± 0.056	<0.073 ± 0.041	<0.081 ± 0.048	<0.16 ± 0.07	<0.15 ± 0.069
Lead-212	N/A	**0.75 ± 0.17**	**0.74 ± 0.17**	**0.51 ± 0.11**	**0.79 ± 0.19**	**1.74 ± 0.35**	**2.18 ± 0.44**
Lead-214	N/A	**0.76 ± 0.17**	**0.74 ± 0.16**	**0.58 ± 0.12**	**0.7 ± 0.16**	**1.04 ± 0.22**	**1.22 ± 0.29**
Potassium-40	N/A	**15.6 ± 3**	**14.7 ± 2.9**	**13.1 ± 2.6**	**16.3 ± 3.2**	**15.9 ± 3.3**	**15.8 ± 3.4**
Radium-224	N/A	**2.6 ± 1.8**	<1.6 ± 1.2	<1.5 ± 0.92	**2.2 ± 1.6**	**4.3 ± 2.8**	**4.7 ± 3.1**
Radium-226	N/A	<1.2 ± 0.89	**1.7 ± 1.1**	**1.48 ± 0.75**	<1.6 ± 0.85	**2.5 ± 2.2**	**4.6 ± 2.7**
Thallium-208	N/A	**0.298 ± 0.094**	**0.166 ± 0.082**	**0.282 ± 0.089**	**0.36 ± 0.11**	**0.79 ± 0.19**	**0.74 ± 0.21**
Thorium-234	N/A	<0.86 ± 0.69	<1.0 ± 0.53	**0.89 ± 0.47**	<1.1 ± 0.58	**1.9 ± 01± 1**	**2.5 ± 1.2**
Uranium 235 and 236	N/A	<0.36 ± 0.2	<0.39 ± 0.22	<0.3 ± 0.17	<0.4 ± 0.22	<0.45 ± 0.26	<0.6 ± 0.34

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-354-0000	TS6-SS-354A-0000	TS6-SS-355-0000	TS6-SS-356-0000	TS6-SS-357-0000	TS6-SS-358-0000
Date Collected		9/29/2003	9/29/2003	9/29/2003	9/29/2003	9/29/2003	9/29/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**1.11 ± 0.43**	**0.87 ± 0.4**	**0.89 ± 0.36**	**3.48 ± 0.76**	**1.0 ± 0.42**	**0.97 ± 0.39**
Bismuth-212	N/A	<1.2 ± 0.58	<0.78 ± 0.47	<1.0 ± 0.47	**1.81 ± 0.95**	<1.1 ± 0.58	<0.97 ± 0.46
Bismuth-214	N/A	**0.98 ± 0.29**	**1.04 ± 0.28**	**1.02 ± 0.32**	**0.96 ± 0.26**	**1.11 ± 0.29**	**1.02 ± 0.27**
Cesium-137	N/A	<0.096 ± 0.054	<0.12 ± 0.058	<0.11 ± 0.057	**0.142 ± 0.089**	<0.13 ± 0.064	<0.13 ± 0.068
Cobalt-60	N/A	<0.12 ± 0.062	<0.13 ± 0.067	<0.11 ± 0.052	<0.1 ± 0.051	<0.12 ± 0.059	<0.12 ± 0.055
Lead-212	N/A	**1.08 ± 0.21**	**1.04 ± 0.21**	**0.82 ± 0.22**	**3.66 ± 0.61**	**1.06 ± 0.24**	**0.77 ± 0.22**
Lead-214	N/A	**1.17 ± 0.24**	**1.1 ± 0.21**	**1.2 ± 0.25**	**1.04 ± 0.22**	**1.22 ± 0.25**	**1.08 ± 0.24**
Potassium-40	N/A	**16.2 ± 3.2**	**17.2 ± 3.5**	**12.6 ± 2.8**	**16.3 ± 3.2**	**14.2 ± 3.2**	**14.7 ± 3**
Radium-224	N/A	<1.2 ± 0.96	**3.5 ± 2.3**	**2.7 ± 2**	**4.7 ± 2.9**	**2.8 ± 2.1**	**3.3 ± 2.3**
Radium-226	N/A	**2.1 ± 1.3**	**2.12 ± 0.81**	**2.2 ± 1.3**	**2.4 ± 1.2**	<2.0 ± 01± 1	**2.6 ± 01± 1**
Thallium-208	N/A	**0.23 ± 0.12**	**0.33 ± 0.11**	**0.31 ± 0.12**	**1.3 ± 0.26**	**0.38 ± 0.14**	**0.33 ± 0.11**
Thorium-234	N/A	<1.2 ± 0.67	<1.2 ± 0.63	<1.2 ± 0.65	**2.73 ± 0.77**	**1.33 ± 0.56**	<1.1 ± 0.6
Uranium 235 and 236	N/A	<0.41 ± 0.23	<0.37 ± 0.22	<0.43 ± 0.24	<0.53 ± 0.3	<0.45 ± 0.25	<0.43 ± 0.24

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-359-0000	TS6-SS-360-0000	TS6-SS-361-0000	TS6-SS-362-0000	TS6-SS-363-0000	TS6-SS-364-0000
Date Collected		10/10/2003	9/29/2003	9/29/2003	9/29/2003	9/29/2003	9/29/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**0.63 ± 0.29**	**1.15 ± 0.44**	**1.14 ± 0.44**	**0.73 ± 0.38**	**1.04 ± 0.31**	**1.14 ± 0.35**
Bismuth-212	N/A	<0.84 ± 0.39	<1.0 ± 0.49	<1.2 ± 0.58	<0.98 ± 0.51	<0.92 ± 0.47	<1.0 ± 0.5
Bismuth-214	N/A	**0.75 ± 0.26**	**1.1 ± 0.28**	**1.0 ± 0.3**	**1.3 ± 0.28**	**1.08 ± 0.28**	**0.95 ± 0.25**
Cesium-137	N/A	<0.11 ± 0.059	<0.11 ± 0.053	<0.11 ± 0.063	<0.094 ± 0.054	<0.11 ± 0.056	**0.106 ± 0.065**
Cobalt-60	N/A	<0.1 ± 0.061	<0.12 ± 0.065	<0.13 ± 0.063	<0.12 ± 0.054	<0.1 ± 0.043	<0.14 ± 0.063
Lead-212	N/A	**0.66 ± 0.15**	**0.86 ± 0.18**	**0.91 ± 0.2**	**0.95 ± 0.19**	**0.72 ± 0.18**	**1.14 ± 0.23**
Lead-214	N/A	**0.84 ± 0.18**	**1.17 ± 0.21**	**1.35 ± 0.26**	**1.24 ± 0.22**	**1.03 ± 0.24**	**0.98 ± 0.2**
Potassium-40	N/A	**16.4 ± 3.4**	**16.3 ± 3.5**	**15.2 ± 3.4**	**17.1 ± 3.3**	**15.1 ± 3.2**	**15.3 ± 3.2**
Radium-224	N/A	<1.8 ± 1.3	<2.0 ± 1.1	**3.0 ± 1.9**	**4.1 ± 2.7**	**3.1 ± 2.1**	**2.8 ± 1.9**
Radium-226	N/A	<1.4 ± 1.1	**1.8 ± 1.1**	<2.0 ± 1.1	**1.9 ± 1.2**	**1.9 ± 1.2**	<1.9 ± 01± 1
Thallium-208	N/A	**0.189 ± 0.082**	**0.28 ± 0.11**	**0.32 ± 0.13**	**0.281 ± 0.099**	**0.27 ± 0.1**	**0.38 ± 0.12**
Thorium-234	N/A	<1.1 ± 0.58	<1.2 ± 0.63	<1.3 ± 0.71	<1.1 ± 0.61	<1.1 ± 0.61	**1.55 ± 0.67**
Uranium 235 and 236	N/A	<0.39 ± 0.22	<0.41 ± 0.23	<0.44 ± 0.25	<0.44 ± 0.23	<0.4 ± 0.22	<0.46 ± 0.25

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-364A-0000	TS6-SS-365-0000	TS6-SS-366-0000	TS6-SS-367-0000	TS6-SS-368-0000	TS6-SS-369-0000
Date Collected		9/29/2003	9/29/2003	9/29/2003	9/29/2003	9/29/2003	9/29/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**0.98 ± 0.44**	<0.7 ± 0.34	**0.99 ± 0.36**	**0.93 ± 0.34**	**0.92 ± 0.33**	**1.67 ± 0.49**
Bismuth-212	N/A	<1.1 ± 0.53	<1.0 ± 0.47	<1.0 ± 0.5	**1.17 ± 0.52**	<0.96 ± 0.48	**1.29 ± 0.84**
Bismuth-214	N/A	**0.82 ± 0.26**	**0.89 ± 0.27**	**1.0 ± 0.26**	**0.9 ± 0.25**	**0.87 ± 0.25**	**1.08 ± 0.32**
Cesium-137	N/A	<0.1 ± 0.056	<0.099 ± 0.053	**0.132 ± 0.082**	<0.14 ± 0.068	<0.11 ± 0.052	<0.11 ± 0.063
Cobalt-60	N/A	<0.094 ± 0.055	<0.12 ± 0.06	<0.13 ± 0.063	<0.1 ± 0.065	<0.1 ± 0.052	<0.13 ± 0.059
Lead-212	N/A	**0.73 ± 0.19**	**0.82 ± 0.23**	**0.82 ± 0.2**	**0.88 ± 0.21**	**0.9 ± 0.19**	**1.45 ± 0.34**
Lead-214	N/A	**0.79 ± 0.2**	**0.98 ± 0.22**	**1.16 ± 0.23**	**0.8 ± 0.18**	**1.08 ± 0.21**	**1.01 ± 0.23**
Potassium-40	N/A	**14.5 ± 3.1**	**15.7 ± 3.2**	**16.8 ± 3.3**	**14.7 ± 2.9**	**13.7 ± 2.8**	**16 ± 3.3**
Radium-224	N/A	**3.0 ± 2.1**	<2.2 ± 1.7	**5.0 ± 3.2**	**3.1 ± 2.1**	**2.4 ± 1.7**	**3.6 ± 2.5**
Radium-226	N/A	<1.3 ± 01± 1	<2.0 ± 01± 1	**1.6 ± 01± 1**	**1.6 ± 01± 1**	**2.2 ± 1.2**	<1.8 ± 1.2
Thallium-208	N/A	**0.28 ± 0.1**	**0.264 ± 0.0998**	**0.22 ± 0.11**	**0.35 ± 0.11**	**0.355 ± 0.099**	**0.69 ± 0.16**
Thorium-234	N/A	<1.1 ± 0.66	<1.3 ± 0.69	**1.74 ± 0.57**	<1.1 ± 0.58	**1.27 ± 0.57**	**1.59 ± 0.89**
Uranium 235 and 236	N/A	<0.47 ± 0.25	<0.42 ± 0.24	<0.39 ± 0.22	<0.39 ± 0.22	<0.38 ± 0.2	<0.52 ± 0.3

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-370-0000	TS6-SS-371-0000	TS6-SS-372-0000	TS6-SS-373-0000	TS6-SS-374-0000	TS6-SS-374A-0000
Date Collected		9/29/2003	9/29/2003	9/29/2003	9/29/2003	9/29/2003	9/29/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	RO						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**0.95 ± 0.37**	**1.24 ± 0.41**	**0.74 ± 0.33**	**0.74 ± 0.36**	**1.55 ± 0.5**	**1.1 ± 0.39**
Bismuth-212	N/A	<1.1 ± 0.54	<1.3 ± 0.61	<0.85 ± 0.42	<1.2 ± 0.54	**0.82 ± 0.59**	**1.24 ± 0.57**
Bismuth-214	N/A	**1.1 ± 0.29**	**1.04 ± 0.3**	**0.96 ± 0.27**	**0.91 ± 0.27**	**0.97 ± 0.26**	**0.97 ± 0.28**
Cesium-137	N/A	<0.11 ± 0.059	<0.14 ± 0.072	<0.096 ± 0.056	<0.12 ± 0.062	**0.188 ± 0.088**	**0.153 ± 0.078**
Cobalt-60	N/A	<0.13 ± 0.069	<0.15 ± 0.07	<0.13 ± 0.055	<0.1 ± 0.056	<0.088 ± 0.054	<0.11 ± 0.059
Lead-212	N/A	**0.98 ± 0.22**	**1.22 ± 0.25**	**0.78 ± 0.16**	**0.84 ± 0.2**	**1.45 ± 0.29**	**1.38 ± 0.27**
Lead-214	N/A	**1.11 ± 0.22**	**1.1 ± 0.22**	**1.15 ± 0.2**	**0.87 ± 0.23**	**0.9 ± 0.21**	**1.0 ± 0.21**
Potassium-40	N/A	**16.9 ± 3.6**	**15.5 ± 3.7**	**14.9 ± 2.9**	**15.8 ± 3.4**	**17 ± 3.3**	**15.5 ± 3.2**
Radium-224	N/A	**5.4 ± 3.4**	**3.0 ± 2.2**	**2.9 ± 1.9**	**2.7 ± 1.9**	**2.7 ± 2**	**2.4 ± 1.8**
Radium-226	N/A	**3.2 ± 1.5**	**2.6 ± 1.3**	**1.49 ± 0.88**	<2.1 ± 1.1	**1.7 ± 1.3**	**2.0 ± 1.4**
Thallium-208	N/A	**0.34 ± 0.11**	**0.33 ± 0.12**	**0.316 ± 0.098**	**0.35 ± 0.12**	**0.46 ± 0.14**	**0.48 ± 0.15**
Thorium-234	N/A	**1.84 ± 0.59**	**1.77 ± 0.79**	**1.29 ± 0.57**	<1.3 ± 0.69	**1.23 ± 0.71**	<1.2 ± 0.65
Uranium 235 and 236	N/A	<0.46 ± 0.25	<0.49 ± 0.26	<0.36 ± 0.2	<0.47 ± 0.26	<0.47 ± 0.27	<0.39 ± 0.23

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-375-0000	TS6-SS-376-0000	TS6-SS-377-0000	TS6-SS-378-0000	TS6-SS-379-0000	TS6-SS-380-0000
Date Collected		9/29/2003	9/29/2003	9/29/2003	9/29/2003	9/29/2003	9/29/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**0.95 ± 0.39**	**0.76 ± 0.28**	**0.82 ± 0.35**	**0.95 ± 0.37**	**16.5 ± 3.2**	**0.96 ± 0.33**
Bismuth-212	N/A	<0.97 ± 0.43	<0.91 ± 0.44	<1.0 ± 0.45	<0.91 ± 0.47	**12.1 ± 2.6**	<0.84 ± 0.44
Bismuth-214	N/A	**0.77 ± 0.26**	**0.84 ± 0.24**	**1.14 ± 0.29**	**1.06 ± 0.29**	**0.95 ± 0.37**	**1.12 ± 0.26**
Cesium-137	N/A	<0.092 ± 0.073	<0.096 ± 0.048	<0.11 ± 0.064	<0.12 ± 0.061	<0.23 ± 0.12	<0.079 ± 0.054
Cobalt-60	N/A	<0.11 ± 0.055	<0.12 ± 0.061	<0.13 ± 0.059	<0.095 ± 0.062	<0.19 ± 0.1	<0.076 ± 0.044
Lead-212	N/A	**1.0 ± 0.25**	**0.66 ± 0.14**	**0.94 ± 0.2**	**0.76 ± 0.21**	**17.4 ± 2.6**	**0.72 ± 0.15**
Lead-214	N/A	**0.96 ± 0.22**	**1.06 ± 0.19**	**1.2 ± 0.22**	**1.01 ± 0.2**	**0.92 ± 0.28**	**0.92 ± 0.18**
Potassium-40	N/A	**17.2 ± 3.5**	**16.7 ± 3.2**	**17.8 ± 3.6**	**18.2 ± 3.8**	**18.1 ± 3.7**	**15.1 ± 3.2**
Radium-224	N/A	**2.4 ± 1.9**	**4.2 ± 2.7**	**2.2 ± 1.6**	**4.1 ± 2.7**	**18 ± 11**	**3.9 ± 2.5**
Radium-226	N/A	<2.1 ± 1.1	<1.7 ± 0.87	<1.9 ± 0.98	<1.4 ± 01± 1	<3.8 ± 2.2	**3.1 ± 1.3**
Thallium-208	N/A	**0.37 ± 0.11**	**0.227 ± 0.0997**	**0.42 ± 0.13**	**0.38 ± 0.12**	**5.53 ± 0.86**	**0.31 ± 0.1**
Thorium-234	N/A	**1.51 ± 0.74**	**1.17 ± 0.62**	<1.2 ± 0.66	**1.79 ± 0.55**	**15.7 ± 3.1**	**2.58 ± 0.63**
Uranium 235 and 236	N/A	<0.43 ± 0.24	<0.36 ± 0.2	<0.44 ± 0.24	<0.43 ± 0.24	<1.1 ± 0.63	<0.4 ± 0.23

Notes:

RO	Remediation objective
N/A	Not applicable
pCi/g	picoCuries per gram
ft	feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-381-0000	TS6-SS-382-0000	TS6-SS-383-0000	TS6-SS-384-0000	TS6-SS-384A-0000	TS6-SS-385-0000
Date Collected		9/29/2003	10/3/2003	9/29/2003	9/29/2003	9/29/2003	9/29/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**1.04 ± 0.33**	**0.98 ± 0.32**	**0.65 ± 0.3**	**0.62 ± 0.25**	**0.89 ± 0.34**	**0.82 ± 0.29**
Bismuth-212	N/A	**0.95 ± 0.52**	<1.1 ± 0.52	<0.98 ± 0.51	<0.73 ± 0.35	<0.86 ± 0.42	**1.08 ± 0.45**
Bismuth-214	N/A	**0.89 ± 0.23**	**0.9 ± 0.25**	**1.13 ± 0.26**	**0.71 ± 0.22**	**0.73 ± 0.2**	**0.88 ± 0.22**
Cesium-137	N/A	<0.12 ± 0.058	<0.14 ± 0.068	<0.11 ± 0.056	<0.08 ± 0.043	<0.078 ± 0.047	<0.078 ± 0.042
Cobalt-60	N/A	<0.075 ± 0.045	<0.1 ± 0.049	<0.13 ± 0.075	<0.079 ± 0.036	<0.076 ± 0.045	<0.076 ± 0.031
Lead-212	N/A	**1.05 ± 0.24**	**1.02 ± 0.21**	**0.87 ± 0.17**	**0.58 ± 0.16**	**0.92 ± 0.21**	**0.56 ± 0.15**
Lead-214	N/A	**0.78 ± 0.19**	**0.95 ± 0.2**	**0.93 ± 0.2**	**0.58 ± 0.14**	**0.63 ± 0.16**	**0.71 ± 0.17**
Potassium-40	N/A	**15.7 ± 3.2**	**15.8 ± 3.3**	**16.6 ± 3.2**	**10.8 ± 2.3**	**13.5 ± 2.7**	**12.5 ± 2.6**
Radium-224	N/A	**2.6 ± 1.8**	**2.5 ± 1.8**	<1.2 ± 0.85	**2.1 ± 1.5**	<1.8 ± 1.4	**2.1 ± 1.6**
Radium-226	N/A	**2.3 ± 1.1**	**2.2 ± 1.1**	**4.4 ± 1.4**	**1.38 ± 0.86**	<1.8 ± 0.92	**1.16 ± 0.96**
Thallium-208	N/A	**0.4 ± 0.12**	**0.28 ± 0.12**	**0.183 ± 0.095**	**0.214 ± 0.078**	**0.37 ± 0.1**	**0.286 ± 0.09**
Thorium-234	N/A	**2.58 ± 0.8**	**1.51 ± 0.72**	**4.57 ± 0.92**	<0.93 ± 0.5	<1.1 ± 0.58	<0.92 ± 0.49
Uranium 235 and 236	N/A	<0.45 ± 0.24	<0.47 ± 0.26	<0.44 ± 0.24	<0.34 ± 0.18	<0.35 ± 0.22	<0.31 ± 0.18

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-386-0000	TS6-SS-387-0000	TS6-SS-388-0000	TS6-SS-389-0000	TS6-SS-390-0000	TS6-SS-391-0000
Date Collected		9/29/2003	9/29/2003	9/29/2003	9/29/2003	10/3/2003	10/3/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**0.88 ± 0.4**	**1.25 ± 0.35**	<0.61 ± 0.32	**0.79 ± 0.28**	**1.3 ± 0.38**	**1.1 ± 0.37**
Bismuth-212	N/A	<1.1 ± 0.47	<0.86 ± 0.44	<0.82 ± 0.38	<0.94 ± 0.46	**0.98 ± 0.63**	<0.65 ± 0.4
Bismuth-214	N/A	**0.78 ± 0.27**	**0.72 ± 0.2**	**0.78 ± 0.21**	**0.93 ± 0.27**	**0.72 ± 0.27**	**0.75 ± 0.19**
Cesium-137	N/A	<0.075 ± 0.048	<0.091 ± 0.05	<0.08 ± 0.04	<0.086 ± 0.047	<0.13 ± 0.06	**0.164 ± 0.081**
Cobalt-60	N/A	<0.1 ± 0.053	<0.11 ± 0.055	<0.098 ± 0.048	<0.096 ± 0.05	<0.12 ± 0.048	<0.12 ± 0.057
Lead-212	N/A	**0.79 ± 0.21**	**1.09 ± 0.21**	**0.53 ± 0.16**	**0.83 ± 0.2**	**1.29 ± 0.28**	**1.12 ± 0.2**
Lead-214	N/A	**0.92 ± 0.2**	**0.79 ± 0.16**	**0.84 ± 0.18**	**0.98 ± 0.21**	**0.81 ± 0.2**	**0.72 ± 0.14**
Potassium-40	N/A	**16.2 ± 3.3**	**16.6 ± 3.1**	**11.3 ± 2.5**	**15.5 ± 3.1**	**14 ± 3.1**	**16.5 ± 3.2**
Radium-224	N/A	**3.3 ± 2.1**	<2.0 ± 1.2	<1.7 ± 1.3	**3.6 ± 2.4**	**3.4 ± 2.3**	<1.2 ± 0.71
Radium-226	N/A	<1.9 ± 0.96	**1.5 ± 1.2**	**2.26 ± 0.89**	**2.1 ± 01± 1**	<2.0 ± 1.1	<1.2 ± 0.97
Thallium-208	N/A	**0.29 ± 0.11**	**0.36 ± 0.12**	**0.178 ± 0.087**	**0.37 ± 0.11**	**0.39 ± 0.11**	**0.35 ± 0.11**
Thorium-234	N/A	<1.1 ± 0.61	**1.53 ± 0.48**	<0.97 ± 0.52	<1.1 ± 0.81	<1.2 ± 0.64	**1.15 ± 0.59**
Uranium 235 and 236	N/A	<0.41 ± 0.24	<0.36 ± 0.21	<0.37 ± 0.2	<0.35 ± 0.2	<0.42 ± 0.24	<0.4 ± 0.22

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-392-0000	TS6-SS-393-0000	TS6-SS-394-0000	TS6-SS-394A-0000	TS6-SS-395-0000	TS6-SS-396-0000
Date Collected		10/3/2003	10/3/2003	10/3/2003	10/3/2003	10/3/2003	10/3/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**0.61 ± 0.3**	**0.76 ± 0.26**	**0.56 ± 0.2**	**0.54 ± 0.22**	**0.81 ± 0.34**	**0.84 ± 0.33**
Bismuth-212	N/A	<0.73 ± 0.36	<0.79 ± 0.37	<0.69 ± 0.32	<0.66 ± 0.33	<0.72 ± 0.32	<0.8 ± 0.42
Bismuth-214	N/A	**0.82 ± 0.23**	**0.79 ± 0.23**	**0.55 ± 0.17**	**0.5 ± 0.16**	**0.76 ± 0.19**	**0.88 ± 0.25**
Cesium-137	N/A	<0.098 ± 0.048	**0.15 ± 0.075**	**0.129 ± 0.056**	**0.119 ± 0.06**	**0.102 ± 0.052**	<0.094 ± 0.047
Cobalt-60	N/A	<0.094 ± 0.049	<0.098 ± 0.052	<0.093 ± 0.047	<0.089 ± 0.042	<0.11 ± 0.048	<0.093 ± 0.046
Lead-212	N/A	**0.64 ± 0.16**	**0.69 ± 0.16**	**0.57 ± 0.14**	**0.55 ± 0.12**	**0.46 ± 0.15**	**0.77 ± 0.15**
Lead-214	N/A	**0.63 ± 0.17**	**0.66 ± 0.15**	**0.63 ± 0.14**	**0.76 ± 0.14**	**0.67 ± 0.16**	**0.74 ± 0.16**
Potassium-40	N/A	**13.5 ± 2.8**	**14.6 ± 2.9**	**14.1 ± 2.7**	**12.7 ± 2.5**	**13.7 ± 2.7**	**13.8 ± 2.9**
Radium-224	N/A	<1.6 ± 1.2	**2.0 ± 1.4**	**1.8 ± 1.4**	<1.6 ± 0.95	**2.7 ± 1.8**	<1.1 ± 0.7
Radium-226	N/A	**2.7 ± 1.2**	<1.6 ± 0.81	**1.57 ± 0.88**	<1 ± 01± 1	**1.9 ± 01± 1**	<1.4 ± 0.73
Thallium-208	N/A	**0.246 ± 0.091**	**0.29 ± 0.1**	**0.189 ± 0.074**	**0.191 ± 0.069**	**0.226 ± 0.093**	**0.244 ± 0.088**
Thorium-234	N/A	<0.95 ± 0.56	<0.92 ± 0.5	<0.8 ± 0.43	<0.78 ± 0.42	**1.05 ± 0.53**	<0.87 ± 0.35
Uranium 235 and 236	N/A	<0.35 ± 0.19	<0.33 ± 0.18	<0.28 ± 0.15	<0.3 ± 0.17	<0.35 ± 0.2	<0.3 ± 0.18

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-397-0000	TS6-SS-398-0000	TS6-SS-399-0000	TS6-SS-400-0000	TS6-SS-401-0000	TS6-SS-402-0000
Date Collected		9/29/2003	9/29/2003	9/29/2003	9/29/2003	9/29/2003	9/29/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**1.38 ± 0.44**	**0.41 ± 0.2**	**0.63 ± 0.22**	**6.2 ± 1.3**	**0.87 ± 0.28**	**0.59 ± 0.28**
Bismuth-212	N/A	<1.1 ± 0.57	<0.68 ± 0.32	<0.64 ± 0.3	**3.6 ± 1.3**	<0.72 ± 0.36	<0.7 ± 0.34
Bismuth-214	N/A	**0.73 ± 0.25**	**0.62 ± 0.17**	**0.58 ± 0.16**	**1.0 ± 0.29**	**0.86 ± 0.25**	**0.66 ± 0.18**
Cesium-137	N/A	<0.11 ± 0.06	**0.076 ± 0.047**	<0.099 ± 0.045	<0.17 ± 0.091	<0.1 ± 0.049	<0.072 ± 0.039
Cobalt-60	N/A	<0.12 ± 0.052	<0.085 ± 0.034	<0.065 ± 0.031	<0.12 ± 0.066	<0.085 ± 0.037	<0.096 ± 0.046
Lead-212	N/A	**1.25 ± 0.28**	**0.55 ± 0.12**	**0.63 ± 0.13**	**5.52 ± 0.85**	**0.9 ± 0.18**	**0.64 ± 0.13**
Lead-214	N/A	**0.95 ± 0.21**	**0.49 ± 0.11**	**0.5 ± 0.12**	**0.73 ± 0.17**	**1.0 ± 0.19**	**0.79 ± 0.15**
Potassium-40	N/A	**15.4 ± 3.1**	**14.7 ± 2.7**	**12.3 ± 2.4**	**13.8 ± 3.1**	**14 ± 2.9**	**13.8 ± 2.6**
Radium-224	N/A	**3.0 ± 2.2**	**1.4 ± 01± 1**	**1.7 ± 1.2**	**7.1 ± 4.3**	**2.5 ± 1.7**	**2.2 ± 1.5**
Radium-226	N/A	<1.9 ± 01± 1	<1.2 ± 0.61	<1.2 ± 0.65	<2.3 ± 1.3	<1.7 ± 0.86	**1.56 ± 0.71**
Thallium-208	N/A	**0.45 ± 0.14**	**0.167 ± 0.063**	**0.258 ± 0.079**	**2.06 ± 0.38**	**0.33 ± 0.11**	**0.287 ± 0.081**
Thorium-234	N/A	<1.1 ± 0.7	<0.72 ± 0.39	<0.78 ± 0.41	**2.08 ± 0.98**	**1.34 ± 0.59**	<0.81 ± 0.47
Uranium 235 and 236	N/A	<0.44 ± 0.25	<0.27 ± 0.15	<0.3 ± 0.17	<0.61 ± 0.35	<0.36 ± 0.21	<0.31 ± 0.17

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-2

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS6, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS6-SS-403-0000	TS6-SS-404-0000	TS6-SS-405-0000	TS6-SS-406-0000	TS6-SS-406A-0000	TS6-SS-407-0000
Date Collected		10/6/2003	10/6/2003	10/6/2003	10/6/2003	10/6/2003	10/6/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**0.8 ± 0.29**	**1.17 ± 0.46**	**1.3 ± 0.44**	**2.25 ± 0.54**	**1.81 ± 0.48**	**1.19 ± 0.41**
Bismuth-212	N/A	<0.89 ± 0.4	**1.11 ± 0.72**	<1.4 ± 0.69	**1.51 ± 0.71**	**1.31 ± 0.6**	**1.0 ± 0.62**
Bismuth-214	N/A	**0.67 ± 0.2**	**0.91 ± 0.26**	**1.01 ± 0.32**	**1.13 ± 0.28**	**1.23 ± 0.29**	**1.25 ± 0.34**
Cesium-137	N/A	<0.094 ± 0.051	<0.12 ± 0.059	<0.13 ± 0.065	<0.11 ± 0.059	<0.12 ± 0.064	<0.14 ± 0.075
Cobalt-60	N/A	<0.082 ± 0.039	<0.085 ± 0.052	<0.12 ± 0.057	<0.11 ± 0.06	<0.091 ± 0.053	<0.12 ± 0.058
Lead-212	N/A	**0.51 ± 0.15**	**1.41 ± 0.25**	**1.72 ± 0.32**	**1.96 ± 0.37**	**1.8 ± 0.35**	**1.24 ± 0.25**
Lead-214	N/A	**0.72 ± 0.17**	**1.12 ± 0.19**	**1.13 ± 0.24**	**1.34 ± 0.26**	**1.09 ± 0.25**	**1.33 ± 0.26**
Potassium-40	N/A	**15.2 ± 3**	**15.4 ± 3.1**	**15.8 ± 3.3**	**15.3 ± 3.2**	**15 ± 3**	**16.2 ± 3.4**
Radium-224	N/A	**2.2 ± 1.6**	**2.5 ± 1.6**	<1.5 ± 1.1	**4.5 ± 3**	**5.0 ± 3.2**	**2.9 ± 1.9**
Radium-226	N/A	<1.7 ± 0.82	<1.8 ± 0.95	<2.1 ± 1.1	<2.1 ± 1.1	**2.7 ± 1.1**	**9.3 ± 2.4**
Thallium-208	N/A	**0.225 ± 0.081**	**0.53 ± 0.14**	**0.57 ± 0.16**	**0.77 ± 0.18**	**0.64 ± 0.17**	**0.5 ± 0.16**
Thorium-234	N/A	<1.0 ± 0.51	**1.15 ± 0.48**	**1.66 ± 0.82**	**2.39 ± 0.82**	**1.86 ± 0.62**	**20 ± 3.3**
Uranium 235 and 236	N/A	<0.4 ± 0.21	<0.38 ± 0.23	<0.47 ± 0.27	<0.48 ± 0.26	<0.48 ± 0.26	<0.69 ± 0.38

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-3

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS7, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS7-SS-21-0000	TS7-SS-22-0000	TS7-SS-22A-0000	TS7-SS-23-0000	TS7-SS-24-0000	TS7-SS-25-0000
Date Collected		9/22/2003	9/22/2003	9/22/2003	9/22/2003	9/22/2003	9/22/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**1.04 ± 0.27**	**3.18 ± 0.71**	**3.27 ± 0.75**	**1.07 ± 0.34**	**1.23 ± 0.35**	**0.96 ± 0.26**
Bismuth-212	N/A	<0.59 ± 0.45	**2.12 ± 0.94**	**1.87 ± 0.79**	**0.72 ± 0.62**	<0.94 ± 0.44	<0.87 ± 0.42
Bismuth-214	N/A	**0.79 ± 0.23**	**0.77 ± 0.23**	**0.77 ± 0.24**	**0.82 ± 0.22**	**1.0 ± 0.26**	**0.68 ± 0.17**
Cesium-137	N/A	<0.07 ± 0.06	<0.16 ± 0.08	<0.14 ± 0.074	<0.1 ± 0.051	<0.1 ± 0.056	<0.089 ± 0.045
Cobalt-60	N/A	<0.079 ± 0.043	<0.11 ± 0.052	<0.1 ± 0.053	<0.096 ± 0.05	<0.092 ± 0.047	<0.097 ± 0.046
Lead-212	N/A	**0.85 ± 0.17**	**2.96 ± 0.51**	**2.93 ± 0.51**	**1.12 ± 0.21**	**0.95 ± 0.19**	**0.89 ± 0.19**
Lead-214	N/A	**0.68 ± 0.15**	**0.84 ± 0.2**	**0.77 ± 0.2**	**0.86 ± 0.19**	**0.65 ± 0.16**	**0.79 ± 0.17**
Potassium-40	N/A	**14.9 ± 2.9**	**15.9 ± 3.2**	**18.8 ± 3.5**	**14 ± 3**	**15.2 ± 3.2**	**15.6 ± 2.9**
Radium-224	N/A	**2.4 ± 1.7**	**4.6 ± 3**	**2.8 ± 1.8**	**1.32 ± 0.82**	<1.1 ± 0.75	**2.5 ± 1.7**
Radium-226	N/A	**1.4 ± 01± 1**	<2.1 ± 1.1	<2.0 ± 1.1	<1.2 ± 0.9	<1.6 ± 0.8	<1.3 ± 0.73
Thallium-208	N/A	**0.337 ± 0.097**	**0.92 ± 0.21**	**1.05 ± 0.22**	**0.39 ± 0.11**	**0.24 ± 0.11**	**0.35 ± 0.1**
Thorium-234	N/A	<0.85 ± 0.5	**1.8 ± 0.86**	**2.3 ± 1.2**	<0.96 ± 0.53	<1.0 ± 0.54	**0.98 ± 0.48**
Uranium 235 and 236	N/A	<0.34 ± 0.19	<0.55 ± 0.31	<0.49 ± 0.28	<0.36 ± 0.21	<0.36 ± 0.21	<0.31 ± 0.18

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-3

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS7, KIRTLAND AIR FORCE BASE
(Page 2 of 19)

Field Sample Identification		TS7-SS-26-0000	TS7-SS-27-0000	TS7-SS-28-0000	TS7-SS-29-0000	TS7-SS-30-0000	TS7-SS-31-0000	TS7-SS-32-0000
Date Collected		9/22/2003	9/22/2003	9/22/2003	9/22/2003	9/22/2003	9/22/2003	9/22/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	RO							
Radionuclides/E901.1 (pCi/g)								
Actinium-228	6.61	**0.91 ± 0.38**	**0.91 ± 0.34**	**0.8 ± 0.23**	**1.02 ± 0.33**	**0.74 ± 0.34**	**0.65 ± 0.27**	**0.82 ± 0.27**
Bismuth-212	N/A	<0.89 ± 0.4	<0.86 ± 0.41	<0.63 ± 0.29	<1.2 ± 0.57	<0.78 ± 0.38	<0.66 ± 0.32	<0.86 ± 0.41
Bismuth-214	N/A	**0.9 ± 0.27**	**0.86 ± 0.24**	**0.62 ± 0.17**	**0.77 ± 0.22**	**0.87 ± 0.22**	**0.63 ± 0.19**	**0.69 ± 0.18**
Cesium-137	N/A	<0.12 ± 0.06	<0.12 ± 0.06	<0.087 ± 0.041	<0.12 ± 0.062	<0.097 ± 0.051	<0.089 ± 0.048	<0.097 ± 0.045
Cobalt-60	N/A	<0.11 ± 0.051	<0.11 ± 0.053	<0.08 ± 0.036	<0.089 ± 0.053	<0.1 ± 0.051	<0.078 ± 0.044	<0.089 ± 0.046
Lead-212	N/A	**0.91 ± 0.21**	**0.76 ± 0.15**	**0.53 ± 0.11**	**1.07 ± 0.24**	**0.81 ± 0.2**	**0.68 ± 0.17**	**1.01 ± 0.21**
Lead-214	N/A	**0.91 ± 0.21**	**0.8 ± 0.15**	**0.53 ± 0.11**	**0.87 ± 0.2**	**0.65 ± 0.15**	**0.65 ± 0.15**	**0.85 ± 0.17**
Potassium-40	N/A	**13 ± 2.9**	**18.4 ± 3.4**	**11 ± 2.2**	**14.8 ± 3.2**	**16.5 ± 3.1**	**15.9 ± 3**	**15.4 ± 2.9**
Radium-224	N/A	**2.3 ± 1.7**	<1.8 ± 1.1	<1.3 ± 01± 1	**3.2 ± 2.1**	**3.3 ± 2.2**	**2.1 ± 1.5**	**1.9 ± 1.5**
Radium-226	N/A	<1.9 ± 0.96	<1.2 ± 0.83	**1.43 ± 0.83**	<1.7 ± 0.91	**1.69 ± 0.78**	<1.5 ± 0.74	<1.4 ± 0.71
Thallium-208	N/A	**0.33 ± 0.11**	**0.289 ± 0.096**	**0.194 ± 0.07**	**0.48 ± 0.13**	**0.29 ± 0.098**	**0.306 ± 0.099**	**0.319 ± 0.093**
Thorium-234	N/A	<1.2 ± 0.63	**1.54 ± 0.73**	<0.76 ± 0.41	<1.1 ± 0.57	**1.26 ± 0.56**	<0.92 ± 0.5	<0.9 ± 0.54
Uranium 235 and 236	N/A	<0.46 ± 0.26	<0.36 ± 0.2	<0.27 ± 0.15	<0.41 ± 0.22	<0.34 ± 0.19	<0.36 ± 0.19	<0.35 ± 0.19

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-3

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS7, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS7-SS-32A-0000	TS7-SS-33-0000	TS7-SS-34-0000	TS7-SS-35-0000	TS7-SS-36-0000	TS7-SS-37-0000
Date Collected		9/22/2003	9/22/2003	9/22/2003	9/22/2003	9/22/2003	9/22/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**0.92 ± 0.29**	**0.88 ± 0.36**	**0.75 ± 0.31**	**1.53 ± 0.41**	**1.09 ± 0.3**	**1.67 ± 0.43**
Bismuth-212	N/A	<0.84 ± 0.41	<0.89 ± 0.43	<0.85 ± 0.46	<1.1 ± 0.51	**0.6 ± 0.39**	**0.97 ± 0.55**
Bismuth-214	N/A	**0.7 ± 0.21**	**0.58 ± 0.23**	**0.85 ± 0.24**	**0.83 ± 0.23**	**0.64 ± 0.18**	**0.79 ± 0.22**
Cesium-137	N/A	<0.1 ± 0.051	<0.082 ± 0.051	<0.091 ± 0.049	**0.115 ± 0.082**	<0.1 ± 0.049	<0.12 ± 0.06
Cobalt-60	N/A	<0.11 ± 0.049	<0.079 ± 0.049	<0.082 ± 0.047	<0.11 ± 0.063	<0.11 ± 0.048	<0.066 ± 0.041
Lead-212	N/A	**0.87 ± 0.19**	**0.83 ± 0.18**	**0.74 ± 0.17**	**1.4 ± 0.26**	**0.98 ± 0.19**	**1.15 ± 0.26**
Lead-214	N/A	**0.63 ± 0.15**	**0.79 ± 0.18**	**0.78 ± 0.18**	**0.85 ± 0.17**	**0.9 ± 0.17**	**0.95 ± 0.2**
Potassium-40	N/A	**14.4 ± 2.8**	**16.2 ± 3.4**	**14.7 ± 2.9**	**14.5 ± 3**	**13.4 ± 2.7**	**14.5 ± 3.1**
Radium-224	N/A	**2.8 ± 1.9**	**2.5 ± 1.8**	**3.3 ± 2.2**	**2.6 ± 1.8**	**3.4 ± 2.1**	**2.8 ± 2**
Radium-226	N/A	<1.2 ± 0.89	<1.7 ± 0.88	**2.7 ± 1.2**	<1.6 ± 0.88	<1.2 ± 0.65	<1.8 ± 0.94
Thallium-208	N/A	**0.309 ± 0.092**	**0.256 ± 0.099**	**0.318 ± 0.086**	**0.57 ± 0.14**	**0.372 ± 0.098**	**0.52 ± 0.14**
Thorium-234	N/A	<0.86 ± 0.47	<1.2 ± 0.6	<0.95 ± 0.51	**1.17 ± 0.65**	**1.34 ± 0.53**	**1.67 ± 0.73**
Uranium 235 and 236	N/A	<0.32 ± 0.18	<0.42 ± 0.24	<0.36 ± 0.2	<0.42 ± 0.23	<0.33 ± 0.18	<0.44 ± 0.24

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-3

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS7, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS7-SS-38-0000	TS7-SS-39-0000	TS7-SS-40-0000	TS7-SS-41-0000	TS7-SS-42-0000	TS7-SS-42A-0000
Date Collected		9/22/2003	9/22/2003	9/22/2003	9/22/2003	9/22/2003	9/22/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**1.23 ± 0.36**	**0.73 ± 0.31**	**1.16 ± 0.32**	**1.13 ± 0.35**	**0.86 ± 0.33**	**0.94 ± 0.36**
Bismuth-212	N/A	**1.13 ± 0.58**	<0.89 ± 0.44	<0.76 ± 0.37	<1.1 ± 0.56	<0.88 ± 0.44	<0.95 ± 0.44
Bismuth-214	N/A	**0.66 ± 0.2**	**0.76 ± 0.2**	**0.84 ± 0.2**	**1.03 ± 0.26**	**0.62 ± 0.21**	**0.9 ± 0.26**
Cesium-137	N/A	<0.11 ± 0.059	<0.11 ± 0.051	<0.12 ± 0.055	<0.13 ± 0.064	<0.11 ± 0.056	<0.12 ± 0.056
Cobalt-60	N/A	<0.08 ± 0.042	<0.11 ± 0.056	<0.11 ± 0.053	<0.13 ± 0.059	<0.13 ± 0.057	<0.1 ± 0.052
Lead-212	N/A	**1.14 ± 0.21**	**0.78 ± 0.19**	**0.7 ± 0.17**	**1.03 ± 0.23**	**0.83 ± 0.2**	**0.82 ± 0.19**
Lead-214	N/A	**0.8 ± 0.17**	**0.68 ± 0.16**	**0.81 ± 0.17**	**0.93 ± 0.22**	**0.89 ± 0.18**	**0.81 ± 0.19**
Potassium-40	N/A	**15.2 ± 3.1**	**14.9 ± 3**	**14.7 ± 2.9**	**15.9 ± 3.3**	**15.6 ± 2.9**	**16.5 ± 3.2**
Radium-224	N/A	<1.2 ± 0.79	**2.0 ± 1.5**	**3.1 ± 2**	**3.1 ± 2.1**	**1.9 ± 1.5**	<1.9 ± 1.5
Radium-226	N/A	<1.5 ± 0.81	<1.6 ± 0.85	<1.2 ± 1.1	<1.8 ± 0.96	**1.75 ± 0.79**	<1.3 ± 1.2
Thallium-208	N/A	**0.44 ± 0.12**	**0.35 ± 0.11**	**0.33 ± 0.1**	**0.36 ± 0.11**	**0.332 ± 0.097**	**0.26 ± 0.11**
Thorium-234	N/A	**1.3 ± 0.77**	<0.93 ± 0.51	<0.9 ± 0.54	<1.0 ± 0.43	**0.93 ± 0.52**	<1.1 ± 0.92
Uranium 235 and 236	N/A	<0.37 ± 0.21	<0.39 ± 0.21	<0.34 ± 0.2	<0.39 ± 0.23	<0.34 ± 0.19	<0.41 ± 0.23

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-3

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS7, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS7-SS-43-0000	TS7-SS-44-0000	TS7-SS-45-0000	TS7-SS-46-0000	TS7-SS-47-0000	TS7-SS-48-0000	TS7-SS-49-0000
Date Collected		9/22/2003	9/22/2003	9/22/2003	9/22/2003	9/22/2003	9/22/2003	9/22/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**							
Radionuclides/E901.1 (pCi/g)								
Actinium-228	6.61	**1.3 ± 0.36**	**0.8 ± 0.34**	**1.57 ± 0.41**	**1.33 ± 0.43**	**0.99 ± 0.32**	**0.87 ± 0.35**	**0.92 ± 0.28**
Bismuth-212	N/A	<1.0 ± 0.5	<1.0 ± 0.5	**1.07 ± 0.46**	**0.69 ± 0.39**	<0.98 ± 0.48	<0.96 ± 0.48	<0.86 ± 0.39
Bismuth-214	N/A	**0.86 ± 0.28**	**0.81 ± 0.23**	**0.81 ± 0.24**	**0.67 ± 0.19**	**0.75 ± 0.21**	**0.74 ± 0.22**	**0.69 ± 0.21**
Cesium-137	N/A	<0.13 ± 0.063	<0.083 ± 0.046	<0.11 ± 0.057	<0.097 ± 0.048	<0.12 ± 0.064	<0.085 ± 0.046	<0.095 ± 0.05
Cobalt-60	N/A	<0.1 ± 0.054	<0.1 ± 0.051	<0.087 ± 0.047	<0.12 ± 0.054	<0.088 ± 0.043	<0.09 ± 0.044	<0.088 ± 0.039
Lead-212	N/A	**1.09 ± 0.23**	**0.8 ± 0.19**	**1.36 ± 0.27**	**1.15 ± 0.23**	**0.69 ± 0.18**	**0.84 ± 0.18**	**0.74 ± 0.19**
Lead-214	N/A	**0.76 ± 0.2**	**0.79 ± 0.17**	**0.86 ± 0.19**	**0.58 ± 0.14**	**0.71 ± 0.17**	**0.73 ± 0.16**	**0.76 ± 0.17**
Potassium-40	N/A	**16.7 ± 3.3**	**15 ± 3.3**	**15 ± 3.2**	**15.4 ± 3**	**12.9 ± 2.8**	**16.2 ± 3**	**15 ± 3**
Radium-224	N/A	**2.8 ± 1.9**	**3.7 ± 2.3**	**3.2 ± 2.2**	**3.7 ± 2.4**	<1.8 ± 1.4	**3.7 ± 2.3**	**2.8 ± 1.9**
Radium-226	N/A	**2.3 ± 1.5**	<1.2 ± 0.8	**1.8 ± 1.4**	**1.4 ± 1.1**	**1.57 ± 0.85**	<1.3 ± 0.71	**1.62 ± 0.83**
Thallium-208	N/A	**0.31 ± 0.11**	**0.255 ± 0.09**	**0.53 ± 0.14**	**0.44 ± 0.12**	**0.41 ± 0.11**	**0.245 ± 0.0998**	**0.29 ± 0.1**
Thorium-234	N/A	<1.2 ± 0.66	<0.97 ± 0.59	<1.1 ± 0.63	**1.35 ± 0.79**	<1.0 ± 0.55	<0.92 ± 0.56	<0.89 ± 0.49
Uranium 235 and 236	N/A	<0.4 ± 0.24	<0.35 ± 0.2	<0.44 ± 0.24	<0.34 ± 0.19	<0.4 ± 0.22	<0.33 ± 0.19	<0.37 ± 0.21

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-3

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS7, KIRTLAND AIR FORCE BASE
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Field Sample Identification		TS7-SS-50-0000	TS7-SS-51-0000	TS7-SS-52-0000	TS7-SS-52A-0000	TS7-SS-53-0000	TS7-SS-54-0000
Date Collected		9/22/2003	9/22/2003	9/22/2003	9/22/2003	9/23/2003	9/23/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**1.18 ± 0.39**	**1.02 ± 0.33**	**1.41 ± 0.37**	**1.64 ± 0.44**	**1.69 ± 0.44**	**1.4 ± 0.38**
Bismuth-212	N/A	<0.65 ± 0.43	<1.1 ± 0.54	**1.06 ± 0.52**	<0.94 ± 0.47	<1.1 ± 0.57	<0.68 ± 0.49
Bismuth-214	N/A	**0.97 ± 0.23**	**0.58 ± 0.25**	**0.68 ± 0.21**	**0.9 ± 0.24**	**0.65 ± 0.22**	**0.76 ± 0.22**
Cesium-137	N/A	<0.12 ± 0.059	<0.12 ± 0.059	<0.092 ± 0.052	<0.099 ± 0.055	<0.12 ± 0.061	**0.098 ± 0.068**
Cobalt-60	N/A	<0.11 ± 0.053	<0.081 ± 0.043	<0.11 ± 0.061	<0.09 ± 0.045	<0.11 ± 0.058	<0.1 ± 0.055
Lead-212	N/A	**0.88 ± 0.2**	**0.79 ± 0.22**	**1.23 ± 0.23**	**1.51 ± 0.29**	**1.61 ± 0.31**	**1.27 ± 0.24**
Lead-214	N/A	**0.92 ± 0.18**	**0.9 ± 0.2**	**0.61 ± 0.15**	**0.73 ± 0.17**	**0.77 ± 0.17**	**0.88 ± 0.17**
Potassium-40	N/A	**13.8 ± 2.8**	**15.8 ± 3.2**	**17 ± 2.9**	**13.8 ± 3**	**15.5 ± 3.2**	**14.8 ± 2.9**
Radium-224	N/A	**2.8 ± 1.9**	**3.5 ± 2.3**	**4.7 ± 2.9**	**5.8 ± 3.6**	**3.6 ± 2.4**	**2.4 ± 1.6**
Radium-226	N/A	**1.4 ± 01± 1**	<1.9 ± 0.98	**1.9 ± 1.4**	<1.7 ± 0.9	**1.5 ± 01± 1**	**2.0 ± 1.3**
Thallium-208	N/A	**0.34 ± 0.1**	**0.24 ± 0.11**	**0.46 ± 0.12**	**0.58 ± 0.15**	**0.62 ± 0.15**	**0.42 ± 0.12**
Thorium-234	N/A	<1.0 ± 0.54	<1.2 ± 0.62	**1.22 ± 0.63**	<1.1 ± 0.59	<1.1 ± 0.65	<0.99 ± 0.55
Uranium 235 and 236	N/A	<0.39 ± 0.21	<0.43 ± 0.25	<0.42 ± 0.23	<0.39 ± 0.22	<0.41 ± 0.23	<0.4 ± 0.22

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-3

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS7, KIRTLAND AIR FORCE BASE
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Field Sample Identification		TS7-SS-55-0000	TS7-SS-56-0000	TS7-SS-57-0000	TS7-SS-58-0000	TS7-SS-59-0000	TS7-SS-60-0000	TS7-SS-61-0000
Date Collected		9/23/2003	9/23/2003	9/23/2003	9/23/2003	9/23/2003	9/23/2003	9/22/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**							
Radionuclides/E901.1 (pCi/g)								
Actinium-228	6.61	**2.66 ± 0.63**	**1.04 ± 0.32**	**0.87 ± 0.33**	**1.52 ± 0.4**	**1.13 ± 0.35**	**0.74 ± 0.35**	<0.66 ± 0.34
Bismuth-212	N/A	**1.14 ± 0.75**	<0.88 ± 0.45	<0.7 ± 0.52	**1.37 ± 0.61**	<1.0 ± 0.53	<0.78 ± 0.4	<0.81 ± 0.38
Bismuth-214	N/A	**0.81 ± 0.25**	**0.61 ± 0.2**	**0.77 ± 0.23**	**0.71 ± 0.21**	**0.96 ± 0.26**	**0.79 ± 0.2**	**0.8 ± 0.23**
Cesium-137	N/A	<0.15 ± 0.073	<0.087 ± 0.048	<0.092 ± 0.051	<0.12 ± 0.057	<0.1 ± 0.056	<0.11 ± 0.054	<0.094 ± 0.047
Cobalt-60	N/A	<0.1 ± 0.06	<0.087 ± 0.048	<0.12 ± 0.062	<0.1 ± 0.051	<0.11 ± 0.057	<0.11 ± 0.055	<0.097 ± 0.051
Lead-212	N/A	**2.43 ± 0.45**	**0.63 ± 0.15**	**0.94 ± 0.2**	**1.37 ± 0.25**	**1.13 ± 0.22**	**0.72 ± 0.18**	**0.95 ± 0.22**
Lead-214	N/A	**0.83 ± 0.21**	**0.82 ± 0.17**	**0.81 ± 0.18**	**1.02 ± 0.18**	**0.94 ± 0.19**	**0.8 ± 0.16**	**0.81 ± 0.2**
Potassium-40	N/A	**16.4 ± 3.4**	**14.8 ± 3**	**14.8 ± 3**	**16.2 ± 3.1**	**16.5 ± 3.2**	**14.7 ± 3**	**14.8 ± 3**
Radium-224	N/A	**4.1 ± 2.7**	**3.6 ± 2.3**	**2.7 ± 1.9**	**3.3 ± 2.2**	**2.9 ± 2**	**3.3 ± 2.2**	<1.9 ± 1.5
Radium-226	N/A	<2.1 ± 1.1	<1.2 ± 0.81	<1.6 ± 0.85	<1.2 ± 0.86	**1.88 ± 0.93**	**1.59 ± 0.77**	<1.3 ± 01± 1
Thallium-208	N/A	**0.78 ± 0.18**	**0.236 ± 0.094**	**0.29 ± 0.1**	**0.52 ± 0.13**	**0.33 ± 0.11**	**0.3 ± 0.11**	**0.34 ± 0.11**
Thorium-234	N/A	**1.96 ± 0.83**	<0.88 ± 0.51	<1.0 ± 0.57	**1.39 ± 0.64**	<1.1 ± 0.6	<0.92 ± 0.5	<0.98 ± 0.54
Uranium 235 and 236	N/A	<0.5 ± 0.29	<0.36 ± 0.2	<0.41 ± 0.24	<0.39 ± 0.21	<0.38 ± 0.22	<0.34 ± 0.2	<0.38 ± 0.22

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-3

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS7, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS7-SS-62-0000	TS7-SS-62A-0000	TS7-SS-63-0000	TS7-SS-64-0000	TS7-SS-65-0000	TS7-SS-66-0000
Date Collected		9/22/2003	9/22/2003	9/22/2003	9/22/2003	9/22/2003	9/22/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**1.09 ± 0.3**	**0.89 ± 0.3**	**0.68 ± 0.28**	**0.96 ± 0.32**	**0.9 ± 0.29**	**0.66 ± 0.33**
Bismuth-212	N/A	<0.85 ± 0.41	<0.85 ± 0.41	<0.93 ± 0.43	**0.95 ± 0.47**	<1.2 ± 0.56	<1.0 ± 0.51
Bismuth-214	N/A	**0.67 ± 0.19**	**0.62 ± 0.2**	**0.87 ± 0.26**	**0.77 ± 0.22**	**0.83 ± 0.24**	**0.86 ± 0.24**
Cesium-137	N/A	<0.1 ± 0.046	<0.12 ± 0.06	<0.1 ± 0.048	<0.085 ± 0.048	<0.097 ± 0.047	<0.098 ± 0.048
Cobalt-60	N/A	<0.11 ± 0.048	<0.11 ± 0.051	<0.087 ± 0.046	<0.1 ± 0.052	<0.11 ± 0.05	<0.1 ± 0.062
Lead-212	N/A	**1.06 ± 0.22**	**0.77 ± 0.18**	**0.78 ± 0.17**	**0.83 ± 0.18**	**0.84 ± 0.18**	**0.65 ± 0.17**
Lead-214	N/A	**0.79 ± 0.17**	**0.9 ± 0.19**	**0.88 ± 0.18**	**0.63 ± 0.16**	**1.0 ± 0.2**	**0.74 ± 0.16**
Potassium-40	N/A	**16.9 ± 3.1**	**16.4 ± 3.2**	**13.9 ± 3**	**15.7 ± 3**	**12.3 ± 2.8**	**12.3 ± 2.8**
Radium-224	N/A	**2.8 ± 1.9**	**2.7 ± 1.9**	<1.9 ± 1.3	**4.0 ± 2.5**	**2.3 ± 1.7**	**2.1 ± 1.5**
Radium-226	N/A	<1.4 ± 0.73	<1.6 ± 0.82	<1.6 ± 0.81	**1.74 ± 0.97**	**2.0 ± 0.92**	<1.9 ± 0.94
Thallium-208	N/A	**0.32 ± 0.1**	**0.34 ± 0.11**	**0.189 ± 0.097**	**0.32 ± 0.1**	**0.27 ± 0.1**	**0.247 ± 0.085**
Thorium-234	N/A	<0.86 ± 0.46	<1.0 ± 0.58	<1.1 ± 0.59	<0.91 ± 0.49	<1.0 ± 0.62	<1.1 ± 0.58
Uranium 235 and 236	N/A	<0.34 ± 0.19	<0.39 ± 0.22	<0.42 ± 0.23	<0.33 ± 0.19	<0.42 ± 0.23	<0.38 ± 0.21

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-3

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS7, KIRTLAND AIR FORCE BASE
(Page 9 of 19)

Field Sample Identification		TS7-SS-67-0000	TS7-SS-68-0000	TS7-SS-69-0000	TS7-SS-70-0000	TS7-SS-71-0000	TS7-SS-72-0000
Date Collected		9/22/2003	9/23/2003	9/23/2003	9/23/2003	9/22/2003	9/22/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**0.68 ± 0.25**	**1.02 ± 0.41**	**0.76 ± 0.28**	**1.73 ± 0.46**	**0.64 ± 0.27**	**0.93 ± 0.31**
Bismuth-212	N/A	<0.83 ± 0.4	<0.69 ± 0.53	<0.72 ± 0.38	**1.2 ± 0.77**	<0.86 ± 0.41	<0.68 ± 0.43
Bismuth-214	N/A	**0.63 ± 0.19**	**0.8 ± 0.23**	**0.88 ± 0.23**	**0.72 ± 0.25**	**0.88 ± 0.25**	**0.68 ± 0.2**
Cesium-137	N/A	<0.086 ± 0.045	<0.1 ± 0.051	<0.088 ± 0.042	<0.13 ± 0.068	<0.093 ± 0.049	<0.081 ± 0.049
Cobalt-60	N/A	<0.092 ± 0.048	<0.099 ± 0.052	<0.1 ± 0.051	<0.11 ± 0.053	<0.12 ± 0.056	<0.08 ± 0.046
Lead-212	N/A	**0.71 ± 0.15**	**0.84 ± 0.21**	**0.7 ± 0.14**	**1.62 ± 0.31**	**0.67 ± 0.16**	**0.69 ± 0.18**
Lead-214	N/A	**0.75 ± 0.15**	**0.88 ± 0.2**	**0.8 ± 0.16**	**0.87 ± 0.2**	**0.82 ± 0.18**	**0.6 ± 0.16**
Potassium-40	N/A	**18.7 ± 3.5**	**16.1 ± 3.3**	**16.2 ± 3**	**16 ± 3.2**	**13.4 ± 3**	**14.8 ± 3**
Radium-224	N/A	<1.9 ± 1.1	**2.2 ± 1.7**	**2.3 ± 1.5**	**3.5 ± 2.4**	**4.0 ± 2.5**	**2.7 ± 1.9**
Radium-226	N/A	<1.4 ± 0.72	**1.4 ± 1.1**	**1.36 ± 0.77**	**2.0 ± 1.6**	<1.1 ± 0.84	<1.5 ± 0.81
Thallium-208	N/A	**0.234 ± 0.096**	**0.31 ± 0.11**	**0.224 ± 0.085**	**0.66 ± 0.17**	**0.217 ± 0.093**	**0.235 ± 0.088**
Thorium-234	N/A	<0.88 ± 0.47	<1.0 ± 0.58	<0.86 ± 0.46	**1.28 ± 0.71**	<0.9 ± 0.5	<0.98 ± 0.54
Uranium 235 and 236	N/A	<0.33 ± 0.18	<0.37 ± 0.21	<0.3 ± 0.16	<0.44 ± 0.25	<0.34 ± 0.19	<0.36 ± 0.19

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-3

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS7, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS7-SS-72A-0000	TS7-SS-73-0000	TS7-SS-74-0000	TS7-SS-75-0000	TS7-SS-76-0000	TS7-SS-77-0000
Date Collected		9/22/2003	9/22/2003	9/22/2003	9/22/2003	9/22/2003	9/22/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**0.89 ± 0.32**	**1.58 ± 0.42**	<0.66 ± 0.33	**0.72 ± 0.22**	**1.2 ± 0.34**	**0.6 ± 0.3**
Bismuth-212	N/A	<0.76 ± 0.35	<0.65 ± 0.47	<0.84 ± 0.4	<0.87 ± 0.43	<0.72 ± 0.5	<0.85 ± 0.4
Bismuth-214	N/A	**0.58 ± 0.16**	**0.59 ± 0.18**	**0.7 ± 0.22**	**0.5 ± 0.19**	**0.67 ± 0.23**	**0.72 ± 0.2**
Cesium-137	N/A	<0.07 ± 0.044	<0.1 ± 0.052	<0.11 ± 0.056	<0.097 ± 0.049	<0.085 ± 0.046	<0.069 ± 0.043
Cobalt-60	N/A	<0.088 ± 0.038	<0.09 ± 0.049	<0.13 ± 0.061	<0.08 ± 0.044	<0.097 ± 0.053	<0.086 ± 0.051
Lead-212	N/A	**0.65 ± 0.15**	**1.25 ± 0.26**	**0.56 ± 0.18**	**0.64 ± 0.15**	**0.68 ± 0.19**	**0.64 ± 0.15**
Lead-214	N/A	**0.65 ± 0.14**	**0.73 ± 0.16**	**0.85 ± 0.18**	**0.56 ± 0.15**	**0.54 ± 0.15**	**0.6 ± 0.16**
Potassium-40	N/A	**12 ± 2.4**	**12.9 ± 2.7**	**11.1 ± 2.6**	**14.6 ± 2.9**	**12.6 ± 2.7**	**14.7 ± 2.8**
Radium-224	N/A	**1.8 ± 1.3**	**3.5 ± 2.3**	**2.4 ± 1.7**	**3.4 ± 2.2**	**1.9 ± 1.5**	**2.5 ± 1.7**
Radium-226	N/A	**1.77 ± 0.77**	<1.5 ± 0.79	<1.4 ± 0.88	<1.4 ± 0.77	<1.6 ± 0.85	<1.4 ± 0.73
Thallium-208	N/A	**0.226 ± 0.07**	**0.4 ± 0.12**	**0.2 ± 0.1**	**0.26 ± 0.1**	**0.23 ± 0.11**	**0.277 ± 0.094**
Thorium-234	N/A	<0.83 ± 0.45	**1.3 ± 0.6**	<1.1 ± 0.58	<0.88 ± 0.48	**1.48 ± 0.59**	<0.76 ± 0.42
Uranium 235 and 236	N/A	<0.34 ± 0.18	<0.37 ± 0.2	<0.4 ± 0.21	<0.33 ± 0.18	<0.41 ± 0.22	<0.31 ± 0.17

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-3

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS7, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS7-SS-78-0000	TS7-SS-79-0000	TS7-SS-80-0000	TS7-SS-81-0000	TS7-SS-82-0000	TS7-SS-82A-0000
Date Collected		9/23/2003	9/23/2003	9/23/2003	9/23/2003	9/23/2003	9/23/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**0.65 ± 0.32**	**1.32 ± 0.38**	**0.85 ± 0.32**	**0.69 ± 0.3**	**0.72 ± 0.29**	**0.73 ± 0.26**
Bismuth-212	N/A	<0.56 ± 0.3	**1.13 ± 0.72**	<0.79 ± 0.38	<0.81 ± 0.42	<0.56 ± 0.44	<0.85 ± 0.41
Bismuth-214	N/A	**0.69 ± 0.23**	**0.56 ± 0.2**	**0.67 ± 0.2**	**0.72 ± 0.22**	**0.61 ± 0.17**	**0.61 ± 0.24**
Cesium-137	N/A	**0.084 ± 0.047**	<0.13 ± 0.066	<0.073 ± 0.043	<0.099 ± 0.046	<0.079 ± 0.041	<0.079 ± 0.046
Cobalt-60	N/A	<0.072 ± 0.038	<0.1 ± 0.049	<0.085 ± 0.032	<0.09 ± 0.054	<0.1 ± 0.044	<0.093 ± 0.045
Lead-212	N/A	**0.63 ± 0.17**	**1.09 ± 0.22**	**0.69 ± 0.14**	**0.61 ± 0.17**	**0.62 ± 0.16**	**0.7 ± 0.18**
Lead-214	N/A	**0.78 ± 0.18**	**0.83 ± 0.16**	**0.76 ± 0.15**	**0.97 ± 0.19**	**0.8 ± 0.16**	**0.82 ± 0.18**
Potassium-40	N/A	**14.2 ± 2.9**	**15.4 ± 3.2**	**15.8 ± 3.1**	**15.5 ± 3**	**16.2 ± 3**	**16.3 ± 3.3**
Radium-224	N/A	**2.2 ± 1.6**	**4.9 ± 3**	**2.6 ± 1.7**	**2.3 ± 1.6**	**1.7 ± 1.3**	**2.5 ± 1.7**
Radium-226	N/A	<1.4 ± 0.73	<1.3 ± 1.1	<1.4 ± 0.72	<1.5 ± 0.76	<1.1 ± 0.92	**1.4 ± 1.5**
Thallium-208	N/A	**0.2 ± 0.089**	**0.43 ± 0.12**	**0.226 ± 0.078**	**0.29 ± 0.12**	**0.215 ± 0.079**	**0.189 ± 0.08**
Thorium-234	N/A	<0.91 ± 0.48	<0.98 ± 0.55	<0.84 ± 0.52	<0.92 ± 0.51	<0.81 ± 0.45	<1.0 ± 0.54
Uranium 235 and 236	N/A	<0.37 ± 0.21	<0.39 ± 0.23	<0.3 ± 0.17	<0.39 ± 0.22	<0.29 ± 0.16	<0.4 ± 0.22

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-3

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS7, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS7-SS-83-0000	TS7-SS-84-0000	TS7-SS-85-0000	TS7-SS-86-0000	TS7-SS-87-0000	TS7-SS-88-0000	TS7-SS-89-0000
Date Collected		9/23/2003	9/23/2003	9/23/2003	9/23/2003	9/23/2003	9/23/2003	9/23/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**							
Radionuclides/E901.1 (pCi/g)								
Actinium-228	6.61	**0.88 ± 0.33**	**0.77 ± 0.36**	**1.15 ± 0.4**	**0.55 ± 0.21**	**0.6 ± 0.28**	**0.64 ± 0.25**	**0.61 ± 0.25**
Bismuth-212	N/A	<1.0 ± 0.48	<0.77 ± 0.39	<0.6 ± 0.5	**0.73 ± 0.33**	<0.83 ± 0.42	<0.71 ± 0.37	<0.84 ± 0.41
Bismuth-214	N/A	**0.71 ± 0.23**	**0.65 ± 0.23**	**0.7 ± 0.19**	**0.54 ± 0.17**	**0.59 ± 0.2**	**0.64 ± 0.17**	**0.74 ± 0.21**
Cesium-137	N/A	<0.093 ± 0.043	<0.12 ± 0.058	<0.083 ± 0.056	<0.071 ± 0.04	<0.11 ± 0.055	<0.096 ± 0.049	<0.12 ± 0.06
Cobalt-60	N/A	<0.084 ± 0.037	<0.093 ± 0.043	<0.091 ± 0.045	<0.084 ± 0.047	<0.08 ± 0.047	<0.072 ± 0.046	<0.093 ± 0.056
Lead-212	N/A	**0.81 ± 0.2**	**0.77 ± 0.17**	**0.85 ± 0.18**	**0.52 ± 0.13**	**0.74 ± 0.18**	**0.65 ± 0.13**	**0.74 ± 0.17**
Lead-214	N/A	**0.64 ± 0.17**	**0.86 ± 0.16**	**0.65 ± 0.15**	**0.63 ± 0.14**	**0.73 ± 0.16**	**0.58 ± 0.14**	**0.76 ± 0.17**
Potassium-40	N/A	**15.7 ± 3.1**	**17.4 ± 3.2**	**13.6 ± 2.8**	**16 ± 3**	**17.8 ± 3.3**	**15.4 ± 2.9**	**15.2 ± 3**
Radium-224	N/A	<1.9 ± 1.5	**4.5 ± 2.8**	**3.5 ± 2.2**	**2.7 ± 1.8**	**3.6 ± 2.3**	<1.0 ± 0.58	**1.9 ± 1.5**
Radium-226	N/A	<1.8 ± 0.88	**1.3 ± 1.2**	**1.33 ± 0.8**	<1.3 ± 0.71	**1.9 ± 1.1**	**1.58 ± 0.72**	<1.4 ± 0.75
Thallium-208	N/A	**0.32 ± 0.11**	**0.27 ± 0.11**	**0.259 ± 0.086**	**0.192 ± 0.081**	**0.248 ± 0.091**	**0.218 ± 0.076**	**0.25 ± 0.1**
Thorium-234	N/A	<1.1 ± 0.56	<0.9 ± 0.53	**1.06 ± 0.54**	<0.85 ± 0.46	**1.12 ± 0.42**	<0.8 ± 0.44	**1.04 ± 0.54**
Uranium 235 and 236	N/A	<0.4 ± 0.21	<0.36 ± 0.2	<0.35 ± 0.2	<0.32 ± 0.17	<0.34 ± 0.2	<0.3 ± 0.17	<0.36 ± 0.19

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-3

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS7, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS7-SS-90-0000	TS7-SS-91-0000	TS7-SS-92-0000	TS7-SS-92A-0000	TS7-SS-93-0000	TS7-SS-94-0000
Date Collected		9/23/2003	9/23/2003	9/23/2003	9/23/2003	9/23/2003	9/23/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**1.16 ± 0.32**	**0.73 ± 0.25**	**0.68 ± 0.29**	**0.78 ± 0.28**	**0.71 ± 0.26**	**1.1 ± 0.35**
Bismuth-212	N/A	**0.99 ± 0.55**	<0.95 ± 0.46	<0.91 ± 0.42	<0.81 ± 0.42	<0.68 ± 0.35	<1.0 ± 0.47
Bismuth-214	N/A	**0.73 ± 0.22**	**0.84 ± 0.21**	**0.68 ± 0.22**	**0.71 ± 0.22**	**0.66 ± 0.2**	**0.69 ± 0.18**
Cesium-137	N/A	<0.082 ± 0.055	<0.088 ± 0.041	<0.076 ± 0.043	<0.081 ± 0.045	<0.078 ± 0.043	**0.21 ± 0.083**
Cobalt-60	N/A	<0.11 ± 0.053	<0.096 ± 0.051	<0.09 ± 0.049	<0.093 ± 0.048	<0.12 ± 0.059	<0.1 ± 0.054
Lead-212	N/A	**1.12 ± 0.22**	**0.75 ± 0.17**	**0.7 ± 0.17**	**0.58 ± 0.15**	**0.68 ± 0.17**	**1.23 ± 0.25**
Lead-214	N/A	**0.66 ± 0.16**	**0.87 ± 0.18**	**0.74 ± 0.16**	**0.63 ± 0.15**	**0.75 ± 0.18**	**0.68 ± 0.16**
Potassium-40	N/A	**13.8 ± 2.8**	**15.5 ± 3.1**	**17.4 ± 3.3**	**15 ± 2.8**	**16.3 ± 3**	**16.7 ± 3.3**
Radium-224	N/A	**3.0 ± 2**	<1.8 ± 1.4	<1.6 ± 1.3	**2.7 ± 1.8**	**3.1 ± 2**	**3.2 ± 2.2**
Radium-226	N/A	<1.3 ± 0.71	<1.6 ± 0.81	<1.5 ± 0.8	**1.56 ± 0.91**	<1.5 ± 0.78	<1.7 ± 0.85
Thallium-208	N/A	**0.335 ± 0.0999**	**0.261 ± 0.095**	**0.291 ± 0.087**	**0.193 ± 0.086**	**0.209 ± 0.086**	**0.41 ± 0.13**
Thorium-234	N/A	**1.02 ± 0.39**	<0.87 ± 0.48	<0.9 ± 0.49	<0.88 ± 0.48	<0.89 ± 0.48	**2.2 ± 0.86**
Uranium 235 and 236	N/A	<0.32 ± 0.19	<0.38 ± 0.22	<0.34 ± 0.18	<0.33 ± 0.19	<0.31 ± 0.18	<0.4 ± 0.23

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-3

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS7, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS7-SS-95-0000	TS7-SS-96-0000	TS7-SS-97-0000	TS7-SS-98-0000	TS7-SS-99-0000	TS7-SS-100-0000
Date Collected		9/23/2003	9/23/2003	9/23/2003	9/23/2003	9/23/2003	9/23/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**0.82 ± 0.3**	**0.5 ± 0.29**	**0.68 ± 0.24**	**0.96 ± 0.36**	**0.8 ± 0.28**	**0.68 ± 0.23**
Bismuth-212	N/A	<0.73 ± 0.36	<0.91 ± 0.43	<0.75 ± 0.36	<1.1 ± 0.5	<0.87 ± 0.43	<0.85 ± 0.41
Bismuth-214	N/A	**0.7 ± 0.22**	**0.75 ± 0.21**	**0.7 ± 0.19**	**0.92 ± 0.25**	**0.66 ± 0.19**	**0.96 ± 0.26**
Cesium-137	N/A	<0.084 ± 0.043	<0.084 ± 0.045	<0.09 ± 0.041	<0.11 ± 0.051	<0.085 ± 0.049	<0.086 ± 0.048
Cobalt-60	N/A	<0.081 ± 0.045	<0.087 ± 0.051	<0.1 ± 0.046	<0.064 ± 0.033	<0.082 ± 0.045	<0.099 ± 0.043
Lead-212	N/A	**0.55 ± 0.14**	**0.75 ± 0.17**	**0.77 ± 0.16**	**0.89 ± 0.19**	**0.79 ± 0.16**	**0.59 ± 0.17**
Lead-214	N/A	**0.75 ± 0.17**	**0.73 ± 0.17**	**0.69 ± 0.15**	**0.93 ± 0.2**	**0.85 ± 0.16**	**0.78 ± 0.17**
Potassium-40	N/A	**13.7 ± 3.1**	**16.2 ± 3.2**	**15.9 ± 3**	**17.7 ± 3.6**	**15 ± 3**	**14 ± 2.8**
Radium-224	N/A	**2.9 ± 1.9**	**2.0 ± 1.5**	**2.0 ± 1.4**	**2.3 ± 1.7**	<1.8 ± 1.1	**2.4 ± 1.7**
Radium-226	N/A	**1.31 ± 0.81**	**1.73 ± 0.82**	**1.59 ± 0.84**	**2.5 ± 1.1**	**1.36 ± 0.99**	<1.4 ± 0.74
Thallium-208	N/A	**0.199 ± 0.076**	**0.26 ± 0.11**	**0.205 ± 0.079**	**0.35 ± 0.11**	**0.244 ± 0.097**	**0.246 ± 0.087**
Thorium-234	N/A	**1.04 ± 0.52**	<1.1 ± 0.58	<0.77 ± 0.42	<1.2 ± 0.61	<0.9 ± 0.49	<0.91 ± 0.48
Uranium 235 and 236	N/A	<0.33 ± 0.18	<0.35 ± 0.19	<0.31 ± 0.17	<0.44 ± 0.25	<0.37 ± 0.2	<0.38 ± 0.21

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-3

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS7, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS7-SS-101-0000	TS7-SS-102-0000	TS7-SS-102A-0000	TS7-SS-103-0000	TS7-SS-104-0000	TS7-SS-105-0000
Date Collected		9/22/2003	9/22/2003	9/22/2003	9/22/2003	9/22/2003	9/22/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**0.72 ± 0.25**	**1.29 ± 0.35**	**1.06 ± 0.38**	**0.95 ± 0.39**	**1.15 ± 0.36**	**0.74 ± 0.31**
Bismuth-212	N/A	<0.79 ± 0.38	**0.73 ± 0.53**	<0.61 ± 0.38	<0.76 ± 0.4	**0.96 ± 0.44**	<0.8 ± 0.37
Bismuth-214	N/A	**0.71 ± 0.22**	**0.6 ± 0.2**	**0.74 ± 0.22**	**0.81 ± 0.24**	**0.76 ± 0.2**	**0.94 ± 0.21**
Cesium-137	N/A	<0.092 ± 0.053	<0.13 ± 0.065	<0.095 ± 0.078	<0.13 ± 0.06	**0.21 ± 0.089**	**0.21 ± 0.091**
Cobalt-60	N/A	<0.097 ± 0.051	<0.11 ± 0.056	<0.091 ± 0.045	<0.079 ± 0.042	<0.096 ± 0.052	<0.081 ± 0.046
Lead-212	N/A	**0.8 ± 0.18**	**1.05 ± 0.22**	**0.92 ± 0.2**	**0.74 ± 0.2**	**1.28 ± 0.23**	**0.79 ± 0.16**
Lead-214	N/A	**0.73 ± 0.16**	**0.8 ± 0.18**	**0.77 ± 0.18**	**0.86 ± 0.2**	**0.78 ± 0.18**	**0.78 ± 0.16**
Potassium-40	N/A	**15.7 ± 3.1**	**14.4 ± 2.8**	**17.9 ± 3.3**	**14.2 ± 3.1**	**15.7 ± 3**	**15.4 ± 3.1**
Radium-224	N/A	**3.5 ± 2.2**	**3.1 ± 2**	**2.4 ± 1.7**	**2.0 ± 1.6**	<1.2 ± 0.73	**2.2 ± 1.5**
Radium-226	N/A	<1.4 ± 0.72	**2.0 ± 1.1**	<1.5 ± 0.78	**1.7 ± 1.2**	<1.5 ± 0.81	<1.5 ± 0.78
Thallium-208	N/A	**0.236 ± 0.079**	**0.38 ± 0.11**	**0.45 ± 0.13**	**0.33 ± 0.11**	**0.42 ± 0.12**	**0.257 ± 0.094**
Thorium-234	N/A	**0.93 ± 0.52**	**1.4 ± 0.58**	<1.0 ± 0.57	<1.1 ± 0.64	<1.0 ± 0.56	<0.91 ± 0.5
Uranium 235 and 236	N/A	<0.33 ± 0.18	<0.35 ± 0.19	<0.36 ± 0.21	<0.45 ± 0.26	<0.37 ± 0.21	<0.34 ± 0.2

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-3

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS7, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS7-SS-106-0000	TS7-SS-107-0000	TS7-SS-108-0000	TS7-SS-109-0000	TS7-SS-110-0000	TS7-SS-111-0000
Date Collected		9/22/2003	9/22/2003	9/22/2003	9/22/2003	9/22/2003	9/22/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**0.78 ± 0.31**	**1.78 ± 0.47**	**2.09 ± 0.49**	**1.09 ± 0.31**	**0.6 ± 0.26**	**0.85 ± 0.35**
Bismuth-212	N/A	<0.95 ± 0.44	<1.2 ± 0.61	**1.42 ± 0.58**	<0.85 ± 0.43	<0.93 ± 0.47	<0.71 ± 0.48
Bismuth-214	N/A	**0.76 ± 0.23**	**0.88 ± 0.24**	**0.81 ± 0.24**	**0.9 ± 0.21**	**0.59 ± 0.2**	**0.66 ± 0.21**
Cesium-137	N/A	<0.11 ± 0.06	<0.14 ± 0.069	**0.203 ± 0.074**	<0.11 ± 0.06	<0.12 ± 0.055	<0.099 ± 0.053
Cobalt-60	N/A	<0.11 ± 0.058	<0.089 ± 0.055	<0.098 ± 0.043	<0.11 ± 0.049	<0.082 ± 0.046	<0.095 ± 0.047
Lead-212	N/A	**0.79 ± 0.2**	**1.51 ± 0.28**	**2.02 ± 0.36**	**1.06 ± 0.21**	**0.76 ± 0.17**	**0.86 ± 0.17**
Lead-214	N/A	**0.72 ± 0.17**	**0.87 ± 0.19**	**0.74 ± 0.18**	**0.95 ± 0.19**	**0.53 ± 0.15**	**0.75 ± 0.17**
Potassium-40	N/A	**14.6 ± 2.9**	**16.6 ± 3.3**	**15.5 ± 3**	**16.7 ± 3.2**	**9.2 ± 2.3**	**14.7 ± 2.9**
Radium-224	N/A	**3.0 ± 2.1**	**3.0 ± 2**	**2.8 ± 1.7**	**3.0 ± 2**	<1.6 ± 1.2	<1.2 ± 0.74
Radium-226	N/A	<1.6 ± 0.82	<1.7 ± 0.88	<1.6 ± 0.86	**2.3 ± 1.1**	<1.6 ± 0.8	**1.11 ± 0.89**
Thallium-208	N/A	**0.38 ± 0.11**	**0.44 ± 0.14**	**0.7 ± 0.16**	**0.33 ± 0.11**	**0.267 ± 0.089**	**0.204 ± 0.088**
Thorium-234	N/A	<1.0 ± 0.61	<1.2 ± 0.66	**2.07 ± 0.84**	<0.95 ± 0.59	<0.95 ± 0.51	<0.97 ± 0.52
Uranium 235 and 236	N/A	<0.4 ± 0.21	<0.46 ± 0.25	<0.4 ± 0.23	<0.35 ± 0.2	<0.38 ± 0.2	<0.37 ± 0.2

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-3

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS7, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS7-SS-112-0000	TS7-SS-112A-0000	TS7-SS-113-0000	TS7-SS-114-0000	TS7-SS-115-0000	TS7-SS-116-0000
Date Collected		9/22/2003	9/22/2003	9/22/2003	9/23/2003	9/23/2003	9/23/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**2.07 ± 0.51**	**2.19 ± 0.51**	**1.55 ± 0.41**	**0.99 ± 0.32**	**0.69 ± 0.27**	**0.84 ± 0.28**
Bismuth-212	N/A	**1.3 ± 0.57**	**1.88 ± 0.62**	**1.07 ± 0.47**	<1.0 ± 0.5	<0.86 ± 0.42	<0.67 ± 0.43
Bismuth-214	N/A	**0.57 ± 0.22**	**0.68 ± 0.18**	**0.75 ± 0.22**	**0.7 ± 0.22**	**0.55 ± 0.2**	**0.76 ± 0.21**
Cesium-137	N/A	**0.115 ± 0.087**	**0.231 ± 0.093**	**0.171 ± 0.076**	<0.14 ± 0.067	<0.097 ± 0.053	<0.094 ± 0.054
Cobalt-60	N/A	<0.12 ± 0.061	<0.12 ± 0.054	<0.091 ± 0.048	<0.11 ± 0.051	<0.1 ± 0.055	<0.1 ± 0.057
Lead-212	N/A	**2.44 ± 0.44**	**1.78 ± 0.33**	**1.28 ± 0.26**	**0.99 ± 0.2**	**0.84 ± 0.17**	**0.68 ± 0.14**
Lead-214	N/A	**0.84 ± 0.2**	**0.67 ± 0.16**	**0.82 ± 0.17**	**0.85 ± 0.18**	**0.78 ± 0.16**	**0.73 ± 0.15**
Potassium-40	N/A	**13.5 ± 2.8**	**15.1 ± 2.8**	**15.7 ± 3**	**15.2 ± 3.2**	**16.4 ± 3.2**	**16.1 ± 3.2**
Radium-224	N/A	**4.5 ± 2.9**	**3.2 ± 2.2**	**2.9 ± 2**	**2.5 ± 1.8**	**3.7 ± 2.4**	<1.2 ± 0.71
Radium-226	N/A	<1.5 ± 1.2	<1.6 ± 0.85	<1.3 ± 01± 1	<1.7 ± 0.87	<1.6 ± 0.84	<1.5 ± 0.79
Thallium-208	N/A	**0.82 ± 0.2**	**0.72 ± 0.15**	**0.48 ± 0.14**	**0.39 ± 0.12**	**0.365 ± 0.098**	**0.185 ± 0.075**
Thorium-234	N/A	**1.91 ± 0.6**	**1.44 ± 0.87**	**1.17 ± 0.59**	**1.13 ± 0.63**	**1.24 ± 0.61**	**1.4 ± 0.67**
Uranium 235 and 236	N/A	<0.47 ± 0.26	<0.41 ± 0.23	<0.36 ± 0.21	<0.38 ± 0.21	<0.35 ± 0.2	<0.36 ± 0.2

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-3

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS7, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS7-SS-117-0000	TS7-SS-118-0000	TS7-SS-119-0000	TS7-SS-120-0000	TS7-SS-121-0000	TS7-SS-122-0000
Date Collected		9/23/2003	9/23/2003	9/23/2003	9/22/2003	10/6/2003	10/6/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**						
Radionuclides/E901.1 (pCi/g)							
Actinium-228	6.61	**0.74 ± 0.26**	**0.75 ± 0.29**	**0.79 ± 0.27**	**0.97 ± 0.34**	**0.81 ± 0.29**	**2.06 ± 0.51**
Bismuth-212	N/A	<0.73 ± 0.37	**0.94 ± 0.34**	**0.96 ± 0.45**	<0.79 ± 0.38	<0.91 ± 0.44	<1.1 ± 0.55
Bismuth-214	N/A	**0.65 ± 0.21**	**0.7 ± 0.19**	**1.0 ± 0.22**	**0.81 ± 0.23**	**0.71 ± 0.2**	**0.67 ± 0.22**
Cesium-137	N/A	<0.099 ± 0.049	<0.081 ± 0.047	**0.119 ± 0.083**	<0.083 ± 0.045	<0.092 ± 0.05	<0.11 ± 0.063
Cobalt-60	N/A	<0.12 ± 0.053	<0.1 ± 0.048	<0.12 ± 0.061	<0.085 ± 0.041	<0.097 ± 0.05	<0.082 ± 0.056
Lead-212	N/A	**0.73 ± 0.17**	**0.64 ± 0.13**	**0.79 ± 0.18**	**0.76 ± 0.2**	**0.89 ± 0.18**	**1.68 ± 0.33**
Lead-214	N/A	**0.79 ± 0.17**	**0.64 ± 0.14**	**0.83 ± 0.17**	**0.84 ± 0.19**	**0.78 ± 0.15**	**0.78 ± 0.18**
Potassium-40	N/A	**16.6 ± 3.2**	**15.2 ± 3**	**17.6 ± 3.4**	**14.4 ± 2.9**	**15.8 ± 3.1**	**14.8 ± 3**
Radium-224	N/A	**2.1 ± 1.5**	**1.7 ± 1.2**	**4.7 ± 2.9**	**3.2 ± 2.1**	**2.6 ± 1.8**	**3.3 ± 2.2**
Radium-226	N/A	<1.5 ± 0.8	**1.77 ± 0.92**	**1.56 ± 0.91**	<1.6 ± 0.84	**1.4 ± 1.1**	<1.8 ± 0.97
Thallium-208	N/A	**0.244 ± 0.095**	**0.232 ± 0.087**	**0.4 ± 0.11**	**0.255 ± 0.097**	**0.33 ± 0.1**	**0.63 ± 0.15**
Thorium-234	N/A	**1.06 ± 0.58**	<0.84 ± 0.46	**1.48 ± 0.58**	<0.94 ± 0.51	<0.97 ± 0.53	<1.2 ± 0.75
Uranium 235 and 236	N/A	<0.32 ± 0.18	<0.33 ± 0.18	<0.38 ± 0.21	<0.36 ± 0.23	<0.36 ± 0.2	<0.43 ± 0.25

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-3

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS7, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS7-SS-123-0000	TS7-SS-124-0000	TS7-SS-125-0000
Date Collected		10/6/2003	10/6/2003	10/6/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil
Analyte/Methods (Units)	**RO**			
Radionuclides/E901.1 (pCi/g)				
Actinium-228	6.61	**1.17 ± 0.32**	**1.73 ± 0.46**	**1.34 ± 0.37**
Bismuth-212	N/A	<0.82 ± 0.41	**1.08 ± 0.6**	**1.18 ± 0.61**
Bismuth-214	N/A	**0.79 ± 0.2**	**0.8 ± 0.24**	**0.86 ± 0.24**
Cesium-137	N/A	<0.11 ± 0.054	<0.15 ± 0.074	<0.12 ± 0.065
Cobalt-60	N/A	<0.099 ± 0.05	<0.11 ± 0.049	<0.095 ± 0.055
Lead-212	N/A	**1.19 ± 0.22**	**1.81 ± 0.33**	**1.38 ± 0.26**
Lead-214	N/A	**0.67 ± 0.14**	**0.91 ± 0.21**	**0.85 ± 0.17**
Potassium-40	N/A	**13.5 ± 2.7**	**14.8 ± 3.1**	**15.3 ± 2.9**
Radium-224	N/A	**2.5 ± 1.7**	**2.6 ± 1.7**	<1.3 ± 0.79
Radium-226	N/A	<1.4 ± 0.76	**2.1 ± 1.4**	**1.6 ± 1.1**
Thallium-208	N/A	**0.39 ± 0.1**	**0.63 ± 0.17**	**0.44 ± 0.13**
Thorium-234	N/A	<0.94 ± 0.51	<1.2 ± 0.65	<1.0 ± 0.58
Uranium 235 and 236	N/A	<0.36 ± 0.2	<0.46 ± 0.26	<0.43 ± 0.24

Notes:

RO Remediation objective
N/A Not applicable
pCi/g picoCuries per gram
ft feet

TABLE B-4

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS8, KIRTLAND AIR FORCE BASE
(Page 1 of 13)

Field Sample Identification		TS8-SS-21-0000	TS8-SS-22-0000	TS8-SS-22A-0000	TS8-SS-23-0000	TS8-SS-24-0000	TS8-SS-25-0000	TS8-SS-26-0000
Date Collected		9/30/2003	9/30/2003	9/30/2003	9/30/2003	10/10/2003	10/10/2003	9/30/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**							
Radionuclides/E901.1 (pCi/g)								
Actinium-228	6.61	**1.19 ± 0.38**	**0.86 ± 0.26**	**1.03 ± 0.36**	**0.84 ± 0.33**	**1.13 ± 0.39**	**1.12 ± 0.37**	**0.85 ± 0.34**
Bismuth-212	N/A	<0.94 ± 0.46	**0.75 ± 0.44**	<0.55 ± 0.56	<0.84 ± 0.42	<0.63 ± 0.67	<0.9 ± 0.45	<0.97 ± 0.43
Bismuth-214	N/A	**0.79 ± 0.22**	**0.66 ± 0.2**	**0.76 ± 0.22**	**0.67 ± 0.19**	**0.76 ± 0.23**	**0.66 ± 0.2**	**0.7 ± 0.2**
Cesium-137	N/A	<0.11 ± 0.054	<0.079 ± 0.04	<0.089 ± 0.049	<0.11 ± 0.056	<0.087 ± 0.046	<0.079 ± 0.053	<0.081 ± 0.045
Cobalt-60	N/A	<0.085 ± 0.046	<0.11 ± 0.048	<0.085 ± 0.05	<0.1 ± 0.04	<0.076 ± 0.04	<0.085 ± 0.041	<0.12 ± 0.06
Lead-212	N/A	**1.05 ± 0.2**	**0.83 ± 0.18**	**0.89 ± 0.2**	**0.73 ± 0.17**	**1.03 ± 0.21**	**0.96 ± 0.2**	**0.85 ± 0.22**
Lead-214	N/A	**0.81 ± 0.17**	**0.82 ± 0.16**	**0.81 ± 0.18**	**0.56 ± 0.17**	**0.77 ± 0.16**	**0.93 ± 0.18**	**0.7 ± 0.17**
Potassium-40	N/A	**17.2 ± 3.2**	**18.1 ± 3.3**	**19.4 ± 3.7**	**19.9 ± 3.8**	**19.6 ± 3.5**	**14 ± 2.7**	**17.7 ± 3.5**
Radium-224	N/A	**3.0 ± 2**	**2.6 ± 1.7**	<1.9 ± 1.5	**1.7 ± 1.3**	<1.5 ± 1.2	**2.2 ± 1.5**	**3.0 ± 2**
Radium-226	N/A	<1.5 ± 0.78	**1.6 ± 01± 1**	<1.7 ± 0.89	**2.4 ± 1.4**	<1.2 ± 0.89	**1.8 ± 1.3**	<1.7 ± 0.87
Thallium-208	N/A	**0.288 ± 0.097**	**0.336 ± 0.09**	**0.38 ± 0.11**	**0.282 ± 0.096**	**0.3 ± 0.1**	**0.38 ± 0.12**	**0.278 ± 0.091**
Thorium-234	N/A	<0.98 ± 0.6	<0.91 ± 0.5	<1.1 ± 0.59	<0.92 ± 0.49	**1.03 ± 0.58**	**1.06 ± 0.54**	<0.97 ± 0.58
Uranium 235 and 236	N/A	<0.35 ± 0.2	<0.3 ± 0.18	<0.36 ± 0.23	<0.38 ± 0.22	<0.37 ± 0.21	<0.33 ± 0.19	<0.35 ± 0.2

Notes:

RO	Remediation objective
N/A	Not applicable
B	Analyte detected in an associated blank
pCi/g	picoCuries per gram
ft	feet

TABLE B-4

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS8, KIRTLAND AIR FORCE BASE
(Page 2 of 13)

Field Sample Identification		TS8-SS-27-0000	TS8-SS-28-0000	TS8-SS-29-0000	TS8-SS-30-0000	TS8-SS-31-0000	TS8-SS-32-0000	TS8-SS-32A-0000
Date Collected		9/30/2003	9/30/2003	9/30/2003	9/30/2003	9/30/2003	9/30/2003	9/30/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**							
Radionuclides/E901.1 (pCi/g)								
Actinium-228	6.61	**0.74 ± 0.27**	**1.02 ± 0.32**	**0.99 ± 0.29**	**0.76 ± 0.32**	**0.87 ± 0.31**	**0.96 ± 0.3**	**0.9 ± 0.3**
Bismuth-212	N/A	<0.82 ± 0.4	<1.1 ± 0.54	<0.7 ± 0.33	<0.84 ± 0.36	**0.92 ± 0.45**	<0.9 ± 0.42	<0.88 ± 0.44
Bismuth-214	N/A	**0.83 ± 0.23**	**0.88 ± 0.25**	**0.67 ± 0.23**	**0.65 ± 0.22**	**0.74 ± 0.19**	**0.83 ± 0.21**	**0.66 ± 0.21**
Cesium-137	N/A	<0.12 ± 0.059	<0.12 ± 0.06	<0.076 ± 0.042	<0.091 ± 0.045	<0.073 ± 0.043	<0.09 ± 0.05	<0.099 ± 0.05
Cobalt-60	N/A	<0.1 ± 0.047	<0.11 ± 0.054	<0.11 ± 0.048	<0.078 ± 0.042	<0.098 ± 0.05	<0.082 ± 0.049	<0.094 ± 0.053
Lead-212	N/A	**0.8 ± 0.16**	**0.84 ± 0.2**	**0.67 ± 0.16**	**0.63 ± 0.17**	**0.96 ± 0.2**	**0.85 ± 0.2**	**0.8 ± 0.18**
Lead-214	N/A	**0.81 ± 0.17**	**0.82 ± 0.19**	**0.66 ± 0.15**	**0.83 ± 0.18**	**0.74 ± 0.15**	**0.77 ± 0.16**	**0.85 ± 0.18**
Potassium-40	N/A	**14.2 ± 2.9**	**18.8 ± 3.5**	**16.2 ± 3.1**	**15.1 ± 3**	**18.9 ± 3.4**	**17.1 ± 3.2**	**21.2 ± 3.8**
Radium-224	N/A	<1.2 ± 0.7	**2.8 ± 2**	**2.1 ± 1.5**	**2.0 ± 1.5**	**3.3 ± 2.1**	<1.7 ± 1.3	**4.5 ± 2.8**
Radium-226	N/A	**1.4 ± 01± 1**	<1.7 ± 0.89	**1.6 ± 0.89**	<1.6 ± 0.83	**2.0 ± 01± 1**	<1.2 ± 0.79	**1.24 ± 0.92**
Thallium-208	N/A	**0.292 ± 0.095**	**0.41 ± 0.12**	**0.247 ± 0.091**	**0.29 ± 0.0997**	**0.37 ± 0.11**	**0.34 ± 0.11**	**0.3 ± 0.1**
Thorium-234	N/A	<0.94 ± 0.56	**1.42 ± 0.9**	**0.82 ± 0.47**	<0.99 ± 0.56	<0.91 ± 0.36	**1.39 ± 0.59**	<0.98 ± 0.54
Uranium 235 and 236	N/A	<0.34 ± 0.19	<0.39 ± 0.22	<0.31 ± 0.18	<0.37 ± 0.2	<0.37 ± 0.21	<0.36 ± 0.21	<0.35 ± 0.21

Notes:

RO Remediation objective
N/A Not applicable
B Analyte detected in an associated blank
pCi/g picoCuries per gram
ft feet

TABLE B-4

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS8, KIRTLAND AIR FORCE BASE
(Page 3 of 13)

Field Sample Identification		TS8-SS-33-0000	TS8-SS-34-0000	TS8-SS-35-0000	TS8-SS-36-0000	TS8-SS-37-0000	TS8-SS-38-0000	TS8-SS-39-0000
Date Collected		9/30/2003	9/30/2003	10/1/2003	9/30/2003	9/30/2003	9/30/2003	10/1/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**							
Radionuclides/E901.1 (pCi/g)								
Actinium-228	6.61	**0.83 ± 0.26**	**1.06 ± 0.31**	**0.95 ± 0.33**	**0.77 ± 0.35**	**0.93 ± 0.3**	**0.7 ± 0.31**	**1.1 ± 0.34**
Bismuth-212	N/A	**0.6 ± 0.32**	<1.0 ± 0.47	<0.9 ± 0.45	<0.85 ± 0.42	**0.77 ± 0.46**	<0.9 ± 0.43	<0.72 ± 0.36
Bismuth-214	N/A	**0.78 ± 0.2**	**0.55 ± 0.18**	**0.75 ± 0.2**	**0.75 ± 0.22**	**0.67 ± 0.2**	**0.69 ± 0.2**	**0.87 ± 0.22**
Cesium-137	N/A	<0.086 ± 0.045	<0.11 ± 0.054	**0.1 ± 0.056**	<0.13 ± 0.06	<0.091 ± 0.049	<0.093 ± 0.047	<0.11 ± 0.057
Cobalt-60	N/A	<0.099 ± 0.052	<0.081 ± 0.047	<0.1 ± 0.054	<0.091 ± 0.054	<0.1 ± 0.045	<0.098 ± 0.049	<0.11 ± 0.053
Lead-212	N/A	**0.7 ± 0.15**	**0.83 ± 0.19**	**0.92 ± 0.18**	**0.77 ± 0.18**	**0.97 ± 0.21**	**0.73 ± 0.18**	**0.62 ± 0.16**
Lead-214	N/A	**0.73 ± 0.14**	**0.63 ± 0.16**	**0.72 ± 0.17**	**0.87 ± 0.18**	**0.77 ± 0.16**	**0.65 ± 0.15**	**0.89 ± 0.17**
Potassium-40	N/A	**16.3 ± 3.1**	**14.5 ± 2.9**	**19.2 ± 3.6**	**19.2 ± 3.5**	**17.6 ± 3.2**	**17.2 ± 3.3**	**16.5 ± 3.2**
Radium-224	N/A	**1.9 ± 1.3**	**2.7 ± 1.9**	<1.1 ± 0.72	**1.9 ± 1.5**	**2.9 ± 1.9**	**2.8 ± 1.8**	**2.6 ± 1.8**
Radium-226	N/A	<1.4 ± 0.71	**1.5 ± 1.3**	**1.83 ± 0.86**	<1.6 ± 0.85	<1.2 ± 1.1	<1.1 ± 0.86	<1.3 ± 0.67
Thallium-208	N/A	**0.233 ± 0.085**	**0.27 ± 0.1**	**0.286 ± 0.097**	**0.295 ± 0.094**	**0.4 ± 0.11**	**0.277 ± 0.088**	**0.268 ± 0.088**
Thorium-234	N/A	<0.84 ± 0.45	**1.06 ± 0.59**	<0.91 ± 0.63	<0.91 ± 0.5	<0.92 ± 0.51	**1.65 ± 0.86**	<0.92 ± 0.5
Uranium 235 and 236	N/A	<0.32 ± 0.17	<0.43 ± 0.24	<0.36 ± 0.21	<0.38 ± 0.21	<0.33 ± 0.18	<0.36 ± 0.2	<0.34 ± 0.19

Notes:

RO	Remediation objective
N/A	Not applicable
B	Analyte detected in an associated blank
pCi/g	picoCuries per gram
ft	feet

TABLE B-4

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS8, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS8-SS-40-0000	TS8-SS-41-0000	TS8-SS-42-0000	TS8-SS-42A-0000	TS8-SS-43-0000	TS8-SS-44-0000	TS8-SS-45-0000
Date Collected		9/30/2003	9/30/2003	9/30/2003	9/30/2003	10/10/2003	9/30/2003	9/30/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**							
Radionuclides/E901.1 (pCi/g)								
Actinium-228	6.61	**0.59 ± 0.22**	**1.13 ± 0.31**	**0.75 ± 0.26**	**0.54 ± 0.25**	**0.9 ± 0.29**	**0.76 ± 0.24**	**0.61 ± 0.29**
Bismuth-212	N/A	<0.7 ± 0.37	**1.21 ± 0.49**	<0.85 ± 0.42	<0.93 ± 0.45	<0.92 ± 0.44	<0.77 ± 0.37	<0.83 ± 0.4
Bismuth-214	N/A	**0.61 ± 0.19**	**0.55 ± 0.2**	**0.52 ± 0.21**	**0.67 ± 0.21**	**0.7 ± 0.19**	**0.39 ± 0.15**	**0.52 ± 0.18**
Cesium-137	N/A	<0.086 ± 0.045	<0.085 ± 0.045	<0.085 ± 0.046	<0.078 ± 0.047	<0.088 ± 0.046	<0.073 ± 0.04	<0.072 ± 0.042
Cobalt-60	N/A	<0.1 ± 0.052	<0.093 ± 0.049	<0.099 ± 0.049	<0.078 ± 0.044	<0.084 ± 0.043	<0.092 ± 0.045	<0.076 ± 0.044
Lead-212	N/A	**0.53 ± 0.14**	**0.99 ± 0.2**	**0.75 ± 0.16**	**0.77 ± 0.16**	**0.88 ± 0.19**	**0.66 ± 0.15**	**0.59 ± 0.15**
Lead-214	N/A	**0.62 ± 0.14**	**0.63 ± 0.15**	**0.78 ± 0.16**	**0.83 ± 0.16**	**0.88 ± 0.17**	**0.72 ± 0.15**	**0.67 ± 0.15**
Potassium-40	N/A	**13.2 ± 2.7**	**18.6 ± 3.3**	**17.2 ± 3.3**	**17.6 ± 3.3**	**18 ± 3.4**	**16.7 ± 3**	**18.7 ± 3.4**
Radium-224	N/A	**3.0 ± 1.9**	**2.3 ± 1.6**	**2.2 ± 1.6**	**1.7 ± 1.3**	**2.3 ± 1.7**	**2.1 ± 1.5**	**1.9 ± 1.4**
Radium-226	N/A	**1.7 ± 01± 1**	<1.3 ± 0.7	**1.08 ± 0.66**	**1.59 ± 0.93**	<1.6 ± 0.85	<1.2 ± 0.65	<1.6 ± 0.8
Thallium-208	N/A	**0.286 ± 0.09**	**0.44 ± 0.1**	**0.25 ± 0.11**	**0.235 ± 0.08**	**0.37 ± 0.11**	**0.232 ± 0.081**	**0.214 ± 0.079**
Thorium-234	N/A	<0.77 ± 0.43	<0.84 ± 0.5	<0.86 ± 0.48	<0.98 ± 0.53	<0.99 ± 0.61	<0.77 ± 0.41	<0.93 ± 0.49
Uranium 235 and 236	N/A	<0.31 ± 0.17	<0.37 ± 0.2	<0.32 ± 0.18	<0.32 ± 0.2	<0.4 ± 0.22	<0.3 ± 0.16	<0.37 ± 0.21

Notes:

RO	Remediation objective
N/A	Not applicable
B	Analyte detected in an associated blank
pCi/g	picoCuries per gram
ft	feet

TABLE B-4

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS8, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS8-SS-46-0000	TS8-SS-47-0000	TS8-SS-48-0000	TS8-SS-49-0000	TS8-SS-50-0000	TS8-SS-51-0000	TS8-SS-52-0000
Date Collected		9/30/2003	9/30/2003	9/30/2003	9/30/2003	9/30/2003	9/30/2003	9/30/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**							
Radionuclides/E901.1 (pCi/g)								
Actinium-228	6.61	**0.97 ± 0.35**	**1.14 ± 0.37**	**0.7 ± 0.27**	**1.29 ± 0.35**	**0.99 ± 0.3**	**0.75 ± 0.32**	**0.66 ± 0.29**
Bismuth-212	N/A	<0.75 ± 0.37	<0.83 ± 0.4	<0.75 ± 0.38	**0.83 ± 0.53**	<0.7 ± 0.36	<0.94 ± 0.42	<0.81 ± 0.43
Bismuth-214	N/A	**0.84 ± 0.2**	**0.68 ± 0.2**	**0.55 ± 0.18**	**0.78 ± 0.24**	**0.67 ± 0.19**	**0.64 ± 0.23**	**0.76 ± 0.2**
Cesium-137	N/A	<0.085 ± 0.047	<0.1 ± 0.055	<0.076 ± 0.045	<0.13 ± 0.064	<0.082 ± 0.048	<0.1 ± 0.051	<0.079 ± 0.044
Cobalt-60	N/A	<0.084 ± 0.048	<0.098 ± 0.053	<0.11 ± 0.057	<0.093 ± 0.047	<0.077 ± 0.041	<0.11 ± 0.059	<0.11 ± 0.054
Lead-212	N/A	**0.92 ± 0.17**	**0.91 ± 0.2**	**0.84 ± 0.16**	**1.2 ± 0.23**	**0.75 ± 0.18**	**0.73 ± 0.18**	**0.92 ± 0.18**
Lead-214	N/A	**0.82 ± 0.15**	**0.76 ± 0.18**	**0.7 ± 0.14**	**0.73 ± 0.16**	**0.71 ± 0.17**	**0.62 ± 0.17**	**0.69 ± 0.16**
Potassium-40	N/A	**17.4 ± 3.3**	**18.6 ± 3.6**	**19.4 ± 3.5**	**15.5 ± 3.1**	**19.8 ± 3.5**	**18.2 ± 3.4**	**17 ± 3.4**
Radium-224	N/A	**3.6 ± 2.3**	**3.0 ± 2.1**	<1.7 ± 1.1	**2.4 ± 1.6**	<1.5 ± 1.2	<1.8 ± 1.4	<1.1 ± 0.71
Radium-226	N/A	**2.3 ± 1.3**	<1.7 ± 0.85	<1.3 ± 0.69	<1.6 ± 0.89	**1.56 ± 0.84**	<1.5 ± 0.79	<1.3 ± 0.85
Thallium-208	N/A	**0.32 ± 0.1**	**0.297 ± 0.098**	**0.21 ± 0.095**	**0.45 ± 0.13**	**0.222 ± 0.09**	**0.262 ± 0.092**	**0.19 ± 0.1**
Thorium-234	N/A	**1.81 ± 0.58**	<1.0 ± 0.55	<0.85 ± 0.52	<1.0 ± 0.55	<0.88 ± 0.48	**1.12 ± 0.57**	<0.91 ± 0.5
Uranium 235 and 236	N/A	<0.36 ± 0.2	<0.39 ± 0.22	<0.33 ± 0.18	<0.4 ± 0.22	<0.3 ± 0.18	<0.36 ± 0.2	<0.34 ± 0.19

Notes:

RO	Remediation objective
N/A	Not applicable
B	Analyte detected in an associated blank
pCi/g	picoCuries per gram
ft	feet

TABLE B-4

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS8, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS8-SS-53-0000	TS8-SS-54-0000	TS8-SS-55-0000	TS8-SS-55A-0000	TS8-SS-56-0000	TS8-SS-57-0000	TS8-SS-58-0000
Date Collected		9/30/2003	10/1/2003	10/1/2003	10/1/2003	9/30/2003	10/1/2003	10/1/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**							
Radionuclides/E901.1 (pCi/g)								
Actinium-228	6.61	**0.84 ± 0.31**	**0.77 ± 0.25**	**0.95 ± 0.32**	**0.87 ± 0.29**	**0.82 ± 0.34**	**0.76 ± 0.25**	**0.76 ± 0.31**
Bismuth-212	N/A	**0.99 ± 0.59**	<0.72 ± 0.35	<0.92 ± 0.43	<0.78 ± 0.39	<0.81 ± 0.41	<0.88 ± 0.43	<0.76 ± 0.37
Bismuth-214	N/A	**0.93 ± 0.24**	**0.65 ± 0.2**	**0.76 ± 0.23**	**0.72 ± 0.21**	**0.87 ± 0.23**	**0.61 ± 0.18**	**0.76 ± 0.19**
Cesium-137	N/A	<0.086 ± 0.048	<0.11 ± 0.054	<0.099 ± 0.05	<0.087 ± 0.046	<0.11 ± 0.055	<0.079 ± 0.049	<0.1 ± 0.052
Cobalt-60	N/A	<0.093 ± 0.054	<0.094 ± 0.046	<0.1 ± 0.054	<0.1 ± 0.058	<0.11 ± 0.052	<0.082 ± 0.048	<0.085 ± 0.041
Lead-212	N/A	**0.65 ± 0.18**	**0.68 ± 0.16**	**0.85 ± 0.2**	**0.8 ± 0.16 B**	**0.73 ± 0.17**	**0.73 ± 0.17**	**0.87 ± 0.18**
Lead-214	N/A	**0.84 ± 0.18**	**0.7 ± 0.15**	**0.83 ± 0.18**	**0.66 ± 0.14**	**0.77 ± 0.17**	**0.66 ± 0.15**	**0.8 ± 0.17**
Potassium-40	N/A	**16.8 ± 3.2**	**21.4 ± 3.7**	**19.9 ± 3.9**	**19.8 ± 3.5**	**19.5 ± 3.7**	**18.9 ± 3.4**	**17.7 ± 3.2**
Radium-224	N/A	<1.8 ± 1.5	**2.1 ± 1.5**	**2.2 ± 1.6**	<1.7 ± 1.1	**3.3 ± 2.2**	**1.7 ± 1.3**	**2.4 ± 1.6**
Radium-226	N/A	**1.6 ± 1.6**	**1.8 ± 1.1**	<1.6 ± 0.83	**1.49 ± 0.85**	**1.55 ± 0.8**	<1.5 ± 0.77	<1.3 ± 0.72
Thallium-208	N/A	**0.35 ± 0.12**	**0.258 ± 0.082**	**0.32 ± 0.1**	**0.267 ± 0.094**	**0.253 ± 0.093**	**0.282 ± 0.096**	**0.331 ± 0.098**
Thorium-234	N/A	**1.12 ± 0.54**	<0.81 ± 0.44	**1.22 ± 0.61**	**0.96 ± 0.53**	<0.93 ± 0.51	<0.86 ± 0.48	**1.27 ± 0.61**
Uranium 235 and 236	N/A	<0.35 ± 0.2	<0.33 ± 0.18	<0.41 ± 0.23	<0.33 ± 0.19	<0.37 ± 0.2	<0.36 ± 0.2	<0.3 ± 0.17

Notes:

RO	Remediation objective
N/A	Not applicable
B	Analyte detected in an associated blank
pCi/g	picoCuries per gram
ft	feet

TABLE B-4

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS8, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS8-SS-59-0000	TS8-SS-60-0000	TS8-SS-61-0000	TS8-SS-62-0000	TS8-SS-63-0000	TS8-SS-64-0000	TS8-SS-65-0000
Date Collected		10/10/2003	10/1/2003	10/10/2003	9/30/2003	10/1/2003	9/30/2003	9/30/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**							
Radionuclides/E901.1 (pCi/g)								
Actinium-228	6.61	**0.67 ± 0.22**	**0.87 ± 0.37**	**0.8 ± 0.26**	**0.8 ± 0.34**	**0.71 ± 0.26**	**0.66 ± 0.3**	**0.88 ± 0.36**
Bismuth-212	N/A	<0.69 ± 0.34	<0.84 ± 0.4	<0.55 ± 0.45	<0.53 ± 0.48	**0.66 ± 0.4**	**0.71 ± 0.42**	<0.79 ± 0.37
Bismuth-214	N/A	**0.45 ± 0.15**	**0.65 ± 0.18**	**0.76 ± 0.22**	**0.92 ± 0.23**	**0.77 ± 0.21**	**0.62 ± 0.19**	**0.67 ± 0.21**
Cesium-137	N/A	<0.083 ± 0.041	**0.155 ± 0.075**	<0.11 ± 0.054	<0.094 ± 0.048	<0.091 ± 0.045	<0.11 ± 0.056	<0.082 ± 0.045
Cobalt-60	N/A	<0.094 ± 0.044	<0.078 ± 0.042	<0.089 ± 0.049	<0.084 ± 0.046	<0.12 ± 0.058	<0.086 ± 0.043	<0.089 ± 0.042
Lead-212	N/A	**0.57 ± 0.14**	**0.73 ± 0.16**	**0.69 ± 0.16**	**0.89 ± 0.17**	**0.83 ± 0.16**	**0.79 ± 0.17**	**0.77 ± 0.16**
Lead-214	N/A	**0.66 ± 0.14**	**0.66 ± 0.16**	**0.68 ± 0.15**	**0.8 ± 0.17**	**0.92 ± 0.17**	**0.58 ± 0.13**	**0.66 ± 0.14**
Potassium-40	N/A	**19.8 ± 3.4**	**17.8 ± 3.4**	**15.4 ± 3.1**	**15.9 ± 3.1**	**18.1 ± 3.3**	**18.8 ± 3.4**	**16.5 ± 3.2**
Radium-224	N/A	<1.3 ± 1.1	**2.1 ± 1.5**	**3.2 ± 2**	<1.1 ± 0.71	**2.0 ± 1.3**	**3.1 ± 2**	**2.0 ± 1.4**
Radium-226	N/A	**1.52 ± 0.64**	<1.4 ± 0.69	**1.41 ± 0.79**	**2.22 ± 0.97**	**1.9 ± 0.84**	**1.6 ± 1.1**	**1.4 ± 1.3**
Thallium-208	N/A	**0.174 ± 0.07**	**0.228 ± 0.089**	**0.262 ± 0.086**	**0.287 ± 0.094**	**0.344 ± 0.096**	**0.292 ± 0.096**	**0.219 ± 0.097**
Thorium-234	N/A	<0.75 ± 0.41	<0.9 ± 0.48	<0.85 ± 0.47	**0.94 ± 0.56**	<0.92 ± 0.5	<0.85 ± 0.47	<1.0 ± 0.53
Uranium 235 and 236	N/A	<0.32 ± 0.17	<0.35 ± 0.2	<0.31 ± 0.18	<0.33 ± 0.18	<0.34 ± 0.19	<0.33 ± 0.18	<0.38 ± 0.22

Notes:

RO	Remediation objective
N/A	Not applicable
B	Analyte detected in an associated blank
pCi/g	picoCuries per gram
ft	feet

TABLE B-4

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS8, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS8-SS-65A-0000	TS8-SS-66-0000	TS8-SS-67-0000	TS8-SS-68-0000	TS8-SS-69-0000	TS8-SS-70-0000	TS8-SS-71-0000
Date Collected		9/30/2003	9/30/2003	9/30/2003	9/30/2003	10/10/2003	9/30/2003	10/1/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**							
Radionuclides/E901.1 (pCi/g)								
Actinium-228	6.61	**0.62 ± 0.22**	**0.86 ± 0.31**	**1.14 ± 0.34**	**0.75 ± 0.23**	**0.84 ± 0.28**	**0.91 ± 0.27**	**0.84 ± 0.29**
Bismuth-212	N/A	<0.69 ± 0.36	<0.78 ± 0.38	**0.66 ± 0.4**	<0.67 ± 0.36	<0.94 ± 0.44	<0.75 ± 0.35	**0.69 ± 0.4**
Bismuth-214	N/A	**0.58 ± 0.18**	**0.79 ± 0.22**	**0.84 ± 0.21**	**0.47 ± 0.15**	**0.68 ± 0.21**	**0.51 ± 0.15**	**0.77 ± 0.24**
Cesium-137	N/A	<0.076 ± 0.041	**0.125 ± 0.081**	<0.089 ± 0.044	<0.08 ± 0.044	**0.129 ± 0.074**	<0.072 ± 0.042	<0.061 ± 0.039
Cobalt-60	N/A	<0.086 ± 0.045	<0.097 ± 0.049	<0.077 ± 0.039	<0.091 ± 0.043	<0.074 ± 0.039	<0.092 ± 0.044	<0.083 ± 0.043
Lead-212	N/A	**0.65 ± 0.13 B**	**0.78 ± 0.16**	**0.94 ± 0.21**	**0.6 ± 0.14**	**0.72 ± 0.18**	**0.69 ± 0.16**	**0.76 ± 0.18**
Lead-214	N/A	**0.7 ± 0.13**	**0.69 ± 0.15**	**0.83 ± 0.18**	**0.51 ± 0.13**	**0.6 ± 0.16**	**0.62 ± 0.14**	**0.64 ± 0.17**
Potassium-40	N/A	**16.9 ± 3.1**	**19.2 ± 3.5**	**19.6 ± 3.6**	**21.8 ± 3.8**	**16.6 ± 3.2**	**16.3 ± 3.1**	**16.4 ± 3.3**
Radium-224	N/A	**2.1 ± 1.4**	**1.8 ± 1.3**	**2.4 ± 1.7**	**2.7 ± 1.8**	**2.1 ± 1.5**	**2.2 ± 1.5**	**2.0 ± 1.5**
Radium-226	N/A	<1.3 ± 0.66	**1.6 ± 0.77**	<1.5 ± 0.79	<1.3 ± 0.7	<1.5 ± 0.81	<1.3 ± 0.67	<1.6 ± 0.82
Thallium-208	N/A	**0.211 ± 0.08**	**0.265 ± 0.088**	**0.48 ± 0.12**	**0.269 ± 0.087**	**0.27 ± 0.11**	**0.214 ± 0.084**	**0.246 ± 0.086**
Thorium-234	N/A	<0.81 ± 0.45	**1.0 ± 0.5**	**1.68 ± 0.76**	**0.8 ± 0.35**	<1.0 ± 0.56	<0.85 ± 0.46	**1.05 ± 0.63**
Uranium 235 and 236	N/A	<0.32 ± 0.17	<0.34 ± 0.19	<0.32 ± 0.19	<0.32 ± 0.17	<0.4 ± 0.21	<0.28 ± 0.16	<0.37 ± 0.2

Notes:

RO	Remediation objective
N/A	Not applicable
B	Analyte detected in an associated blank
pCi/g	picoCuries per gram
ft	feet

TABLE B-4

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS8, KIRTLAND AIR FORCE BASE
(Page 9 of 13)

Field Sample Identification		TS8-SS-72-0000	TS8-SS-73-0000	TS8-SS-74-0000	TS8-SS-75-0000	TS8-SS-75A-0000	TS8-SS-76-0000	TS8-SS-77-0000
Date Collected		10/1/2003	9/30/2003	10/10/2003	10/10/2003	10/10/2003	10/10/2003	9/30/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	RO							
Radionuclides/E901.1 (pCi/g)								
Actinium-228	6.61	**0.74 ± 0.31**	**0.73 ± 0.24**	**0.7 ± 0.25**	**1.27 ± 0.33**	**1.4 ± 0.38**	**1.16 ± 0.35**	**0.65 ± 0.32**
Bismuth-212	N/A	<0.67 ± 0.36	<0.97 ± 0.45	<0.65 ± 0.33	**0.68 ± 0.62**	**0.97 ± 0.68**	<0.81 ± 0.42	<0.89 ± 0.43
Bismuth-214	N/A	**0.62 ± 0.18**	**0.87 ± 0.22**	**0.74 ± 0.2**	**0.72 ± 0.2**	**0.86 ± 0.23**	**0.67 ± 0.2**	**0.64 ± 0.21**
Cesium-137	N/A	<0.087 ± 0.044	<0.083 ± 0.056	<0.083 ± 0.043	<0.093 ± 0.047	<0.12 ± 0.059	<0.073 ± 0.066	<0.09 ± 0.046
Cobalt-60	N/A	<0.07 ± 0.039	<0.1 ± 0.051	<0.11 ± 0.053	<0.085 ± 0.042	<0.076 ± 0.042	<0.091 ± 0.042	<0.12 ± 0.059
Lead-212	N/A	**0.59 ± 0.15**	**0.83 ± 0.17**	**0.6 ± 0.14**	**0.87 ± 0.19**	**1.34 ± 0.25 B**	**1.1 ± 0.2**	**0.72 ± 0.17**
Lead-214	N/A	**0.67 ± 0.15**	**0.75 ± 0.18**	**0.67 ± 0.14**	**0.52 ± 0.15**	**0.7 ± 0.16**	**0.77 ± 0.16**	**0.68 ± 0.15**
Potassium-40	N/A	**18.4 ± 3.6**	**15.8 ± 3.1**	**19.4 ± 3.5**	**13 ± 2.7**	**17.2 ± 3.3**	**17.7 ± 3.5**	**16.9 ± 3.2**
Radium-224	N/A	**2.5 ± 1.7**	<1.2 ± 0.76	**2.2 ± 1.5**	**2.5 ± 1.8**	**2.6 ± 1.8**	<1.2 ± 0.72	<1.6 ± 1.3
Radium-226	N/A	<1.1 ± 0.68	<1.7 ± 0.88	**1.35 ± 0.65**	**1.88 ± 0.86**	<1.7 ± 0.89	<1.2 ± 0.86	**1.51 ± 0.8**
Thallium-208	N/A	**0.222 ± 0.079**	**0.32 ± 0.11**	**0.268 ± 0.075**	**0.35 ± 0.11**	**0.44 ± 0.12**	**0.32 ± 0.12**	**0.226 ± 0.08**
Thorium-234	N/A	**0.87 ± 0.47**	<1.0 ± 0.56	<0.77 ± 0.43	**1.02 ± 0.58**	**1.45 ± 0.64**	<0.9 ± 0.56	<0.96 ± 0.52
Uranium 235 and 236	N/A	<0.29 ± 0.17	<0.4 ± 0.22	<0.29 ± 0.16	<0.37 ± 0.21	<0.42 ± 0.25	<0.36 ± 0.2	<0.37 ± 0.2

Notes:

RO	Remediation objective
N/A	Not applicable
B	Analyte detected in an associated blank
pCi/g	picoCuries per gram
ft	feet

TABLE B-4

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS8, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS8-SS-78-0000	TS8-SS-79-0000	TS8-SS-80-0000	TS8-SS-81-0000	TS8-SS-82-0000	TS8-SS-83-0000	TS8-SS-84-0000
Date Collected		9/30/2003	10/10/2003	10/10/2003	10/10/2003	10/10/2003	10/10/2003	10/1/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**							
Radionuclides/E901.1 (pCi/g)								
Actinium-228	6.61	**0.75 ± 0.22**	**0.53 ± 0.24**	**0.55 ± 0.28**	**0.59 ± 0.23**	**0.73 ± 0.3**	**0.65 ± 0.24**	**0.63 ± 0.25**
Bismuth-212	N/A	<0.76 ± 0.37	<0.52 ± 0.31	<0.68 ± 0.3	<0.83 ± 0.4	<0.93 ± 0.43	<0.68 ± 0.34	<1.0 ± 0.5
Bismuth-214	N/A	**0.58 ± 0.18**	**0.65 ± 0.18**	**0.67 ± 0.18**	**0.68 ± 0.2**	**0.66 ± 0.21**	**0.49 ± 0.15**	**0.68 ± 0.21**
Cesium-137	N/A	<0.083 ± 0.041	**0.108 ± 0.06**	<0.067 ± 0.041	<0.11 ± 0.056	**0.152 ± 0.061**	<0.093 ± 0.046	**0.114 ± 0.063**
Cobalt-60	N/A	<0.094 ± 0.041	<0.1 ± 0.048	<0.07 ± 0.034	<0.091 ± 0.048	<0.1 ± 0.051	<0.095 ± 0.048	<0.075 ± 0.042
Lead-212	N/A	**0.45 ± 0.13**	**0.76 ± 0.15**	**0.33 ± 0.12**	**0.59 ± 0.15**	**0.59 ± 0.16**	**0.67 ± 0.14**	**0.68 ± 0.17**
Lead-214	N/A	**0.64 ± 0.14**	**0.63 ± 0.13**	**0.56 ± 0.14**	**0.63 ± 0.15**	**0.59 ± 0.17**	**0.48 ± 0.12**	**0.76 ± 0.17**
Potassium-40	N/A	**13.8 ± 2.6**	**11.1 ± 2.2**	**12.6 ± 2.5**	**17.9 ± 3.4**	**18.4 ± 3.5**	**19.2 ± 3.4**	**16 ± 3.2**
Radium-224	N/A	**1.8 ± 1.3**	**2.1 ± 1.4**	<1.4 ± 0.94	**2.4 ± 1.7**	**1.9 ± 1.4**	**2.0 ± 1.4**	**2.0 ± 1.5**
Radium-226	N/A	<1.2 ± 0.62	<1.0 ± 0.73	<1.3 ± 0.68	<1.2 ± 0.68	<1.4 ± 0.73	**1.8 ± 1.1**	<1.7 ± 0.86
Thallium-208	N/A	**0.212 ± 0.071**	**0.277 ± 0.083**	**0.196 ± 0.082**	**0.228 ± 0.082**	**0.217 ± 0.078**	**0.207 ± 0.071**	**0.292 ± 0.096**
Thorium-234	N/A	<0.74 ± 0.29	<0.81 ± 0.44	<0.81 ± 0.43	**1.23 ± 0.52**	**1.03 ± 0.5**	<0.7 ± 0.4	<0.97 ± 0.51
Uranium 235 and 236	N/A	<0.27 ± 0.14	<0.3 ± 0.16	<0.3 ± 0.17	<0.3 ± 0.17	<0.37 ± 0.2	<0.29 ± 0.16	<0.36 ± 0.21

Notes:

RO	Remediation objective
N/A	Not applicable
B	Analyte detected in an associated blank
pCi/g	picoCuries per gram
ft	feet

TABLE B-4

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS8, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS8-SS-85-0000	TS8-SS-85A-0000	TS8-SS-86-0000	TS8-SS-87-0000	TS8-SS-88-0000	TS8-SS-89-0000	TS8-SS-90-0000
Date Collected		10/1/2003	10/1/2003	10/1/2003	10/1/2003	10/1/2003	10/1/2003	10/1/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**							
Radionuclides/E901.1 (pCi/g)								
Actinium-228	6.61	**0.81 ± 0.25**	**0.72 ± 0.26**	**0.78 ± 0.29**	**0.68 ± 0.27**	**0.77 ± 0.42**	**0.71 ± 0.27**	**0.79 ± 0.24**
Bismuth-212	N/A	<0.87 ± 0.44	<0.8 ± 0.4	<0.8 ± 0.38	<0.79 ± 0.39	<0.98 ± 0.46	<0.76 ± 0.37	<0.76 ± 0.36
Bismuth-214	N/A	**0.62 ± 0.2**	**0.75 ± 0.19**	**0.71 ± 0.22**	**0.79 ± 0.19**	**0.51 ± 0.2**	**0.83 ± 0.22**	**0.63 ± 0.2**
Cesium-137	N/A	<0.079 ± 0.043	<0.091 ± 0.045	<0.1 ± 0.052	<0.081 ± 0.045	<0.094 ± 0.048	<0.084 ± 0.049	<0.065 ± 0.04
Cobalt-60	N/A	<0.099 ± 0.054	<0.072 ± 0.043	<0.086 ± 0.047	<0.093 ± 0.042	<0.092 ± 0.048	<0.1 ± 0.051	<0.069 ± 0.039
Lead-212	N/A	**0.84 ± 0.16**	**0.63 ± 0.14 B**	**0.75 ± 0.19**	**0.82 ± 0.16**	**0.8 ± 0.17**	**0.7 ± 0.14**	**0.56 ± 0.12**
Lead-214	N/A	**0.68 ± 0.13**	**0.74 ± 0.14**	**0.85 ± 0.19**	**0.95 ± 0.17**	**0.73 ± 0.17**	**0.79 ± 0.16**	**0.65 ± 0.14**
Potassium-40	N/A	**17.8 ± 3.5**	**19.9 ± 3.6**	**18.2 ± 3.4**	**19.1 ± 3.4**	**17 ± 3.3**	**18.5 ± 3.5**	**18.6 ± 3.3**
Radium-224	N/A	<1.8 ± 1.2	**2.6 ± 1.7**	<1.8 ± 1.4	**2.8 ± 1.8**	**2.5 ± 1.7**	<1.1 ± 0.74	<1.5 ± 0.88
Radium-226	N/A	**1.48 ± 0.95**	<1.4 ± 0.78	<1.5 ± 0.79	<1.2 ± 0.88	<1.7 ± 0.84	<1.4 ± 0.74	**1.61 ± 0.87**
Thallium-208	N/A	**0.29 ± 0.1**	**0.291 ± 0.095**	**0.275 ± 0.094**	**0.217 ± 0.074**	**0.228 ± 0.091**	**0.226 ± 0.087**	**0.172 ± 0.073**
Thorium-234	N/A	**1.02 ± 0.53**	<0.93 ± 0.37	**1.31 ± 0.85**	**1.0 ± 0.52**	<1.0 ± 0.55	<0.88 ± 0.48	**1.06 ± 0.52**
Uranium 235 and 236	N/A	<0.33 ± 0.19	<0.34 ± 0.19	<0.33 ± 0.19	<0.3 ± 0.19	<0.4 ± 0.23	<0.33 ± 0.19	<0.33 ± 0.19

Notes:

RO	Remediation objective
N/A	Not applicable
B	Analyte detected in an associated blank
pCi/g	picoCuries per gram
ft	feet

TABLE B-4

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS8, KIRTLAND AIR FORCE BASE
(Page 12 of 13)

Field Sample Identification		TS8-SS-91-0000	TS8-SS-92-0000	TS8-SS-93-0000	TS8-SS-94-0000	TS8-SS-95-0000	TS8-SS-96-0000	TS8-SS-97-0000
Date Collected		10/1/2003	10/1/2003	10/1/2003	10/6/2003	10/6/2003	10/6/2003	10/6/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte/Methods (Units)	**RO**							
Radionuclides/E901.1 (pCi/g)								
Actinium-228	6.61	**0.86 ± 0.3**	**0.88 ± 0.34**	**0.74 ± 0.29**	**1.04 ± 0.31**	**1.42 ± 0.39**	**1.82 ± 0.46**	**2.1 ± 0.58**
Bismuth-212	N/A	<0.69 ± 0.42	<0.85 ± 0.4	<0.84 ± 0.41	<0.98 ± 0.47	<0.66 ± 0.56	**1.16 ± 0.52**	**1.76 ± 0.72**
Bismuth-214	N/A	**0.73 ± 0.2**	**0.94 ± 0.23**	**0.76 ± 0.23**	**0.66 ± 0.21**	**0.63 ± 0.19**	**0.82 ± 0.26**	**0.92 ± 0.24**
Cesium-137	N/A	<0.077 ± 0.047	<0.11 ± 0.056	<0.11 ± 0.057	<0.075 ± 0.048	<0.11 ± 0.056	<0.14 ± 0.067	**0.44 ± 0.14**
Cobalt-60	N/A	<0.098 ± 0.049	<0.088 ± 0.038	<0.11 ± 0.051	<0.063 ± 0.037	<0.089 ± 0.043	<0.11 ± 0.055	<0.083 ± 0.05
Lead-212	N/A	**0.77 ± 0.16**	**0.79 ± 0.18**	**0.75 ± 0.17**	**0.9 ± 0.19**	**1.43 ± 0.27**	**1.49 ± 0.3**	**2.27 ± 0.41**
Lead-214	N/A	**0.85 ± 0.16**	**0.69 ± 0.17**	**0.83 ± 0.16**	**0.68 ± 0.17**	**0.86 ± 0.17**	**0.65 ± 0.18**	**0.75 ± 0.19**
Potassium-40	N/A	**20 ± 3.5**	**16.3 ± 3.2**	**15 ± 3.3**	**12.7 ± 2.7**	**16.3 ± 3**	**16.3 ± 3.2**	**15 ± 3.3**
Radium-224	N/A	**3.1 ± 2**	**1.8 ± 1.4**	**3.6 ± 2.3**	**2.6 ± 1.7**	**3.6 ± 2.3**	**3.5 ± 2.4**	**6.9 ± 4.3**
Radium-226	N/A	<1.4 ± 0.74	<1.6 ± 0.83	**2.1 ± 1.2**	<1.3 ± 1.1	**1.27 ± 0.8**	**2.3 ± 1.4**	<1.8 ± 01± 1
Thallium-208	N/A	**0.275 ± 0.088**	**0.208 ± 0.082**	**0.329 ± 0.097**	**0.268 ± 0.096**	**0.54 ± 0.12**	**0.53 ± 0.15**	**0.85 ± 0.2**
Thorium-234	N/A	**0.98 ± 0.64**	<1.0 ± 0.57	<0.94 ± 0.51	<0.94 ± 0.51	**1.25 ± 0.59**	<1.2 ± 0.67	**2.31 ± 0.64**
Uranium 235 and 236	N/A	<0.33 ± 0.19	<0.38 ± 0.22	<0.34 ± 0.19	<0.37 ± 0.21	<0.33 ± 0.19	<0.45 ± 0.28	<0.51 ± 0.29

Notes:

RO	Remediation objective
N/A	Not applicable
B	Analyte detected in an associated blank
pCi/g	picoCuries per gram
ft	feet

TABLE B-4

FINAL STATUS SURVEY SOIL SAMPLE DATA SUMMARY
TS8, KIRTLAND AIR FORCE BASE

Field Sample Identification		TS8-SS-97A-0000	TS8-SS-98-0000
Date Collected		10/6/2003	10/6/2003
Depth (ft)		0.00 - 0.50	0.00 - 0.50
Matrix		Soil	Soil
Analyte/Methods (Units)	**RO**		
Radionuclides/E901.1 (pCi/g)			
Actinium-228	6.61	**2.25 ± 0.54**	**1.5 ± 0.43**
Bismuth-212	N/A	**1.59 ± 0.65**	**0.9 ± 0.53**
Bismuth-214	N/A	**0.57 ± 0.21**	**0.65 ± 0.21**
Cesium-137	N/A	**0.38 ± 0.13**	<0.11 ± 0.058
Cobalt-60	N/A	<0.13 ± 0.063	<0.093 ± 0.055
Lead-212	N/A	**2.2 ± 0.38**	**1.45 ± 0.27**
Lead-214	N/A	**0.8 ± 0.19**	**0.78 ± 0.17**
Potassium-40	N/A	**17.2 ± 3.1**	**18.8 ± 3.6**
Radium-224	N/A	**2.6 ± 1.7**	**2.0 ± 1.3**
Radium-226	N/A	<1.7 ± 0.92	<1.6 ± 0.87
Thallium-208	N/A	**0.85 ± 0.18**	**0.51 ± 0.13**
Thorium-234	N/A	**1.81 ± 0.68**	**1.17 ± 0.59**
Uranium 235 and 236	N/A	<0.48 ± 0.26	<0.42 ± 0.23

Notes:

RO	Remediation objective
N/A	Not applicable
B	Analyte detected in an associated blank
pCi/g	picoCuries per gram
ft	feet

APPENDIX C

DATA VALIDATION REPORT

470562

CONTENTS

ACRONYMS

AFB	Air Force Base
CVS	calibration verification standard
DQO	data quality objective
ICAL	initial calibration
IRP	Installation Restoration Program
LCS	laboratory control sample
MDC	minimum detectable concentration
PARCC	precision, accuracy, representiveness, comparability, and completeness
QAPP	quality assurance project plan
QC	quality control
RER	relative error ratio
RPD	relative percent difference
SOP	standard operating procedure

C1.0 INTRODUCTION

This report presents the results of the validation of analytical data for soil samples collected from Kirtland Air Force Base (AFB), New Mexico, at Installation Restoration Program Site OT-10. Severn Trent Laboratories of Earth City, Missouri, performed all analyses. The soil samples were analyzed for gamma emitting radionuclides by modified method EPA 901.1.

The analytical results were evaluated against the project-specific data quality objectives (DQOs), which are quantitative and qualitative statements that specify data quality and are expressed in terms of precision, accuracy, representativeness, comparability, and completeness (PARCC) criteria. This data evaluation is presented in terms of the PARCC criteria and is based on *Quality Assurance Project Plan (QAPP) for the Initial Survey of Installation Restoration Program (IRP) Site OT-10 at Kirtland Air force Base (AFB), New Mexico* (Montgomery Watson, 2000) hereafter referred to as the QAPP. The analytical data were validated and qualified based on the results of the following data evaluation parameters or quality control (QC) samples:

- Preparation and analytical holding times
- Method blank samples
- Field replicate samples
- Minimum detectable concentrations (MDCs)
- Instrument calibration
- Laboratory control samples (LCSs)
- Laboratory replicate samples.

The following discussions focus primarily on how the data were validated, data that have significant associated quality control (QC) problems (such as, rejected data), and any analytical method or QAPP deviations. Data qualified due to the data validation are presented in Table C-1.

C2.0 DATA VALIDATION RESULTS

C2.1 Completeness Evaluation

Sampling Completeness. All investigative samples and QC samples were collected as scheduled and as specified in the QAPP. Sampling completeness for this project is 100 percent.

Analytical Completeness. Analytical completeness was evaluated using the following equation:

$$\text{Completeness} = \frac{\text{Number of valid data points}}{\text{Total number of measurements}} \times 100 \qquad \text{Eq. C1}$$

Where:

The number of valid data points is the total number of valid analytical measurements based on the precision, accuracy, and holding time evaluation.

All samples were analyzed according to the sampling plan. Based on the results of the data validation described in the following paragraphs, all data are considered valid as qualified, resulting in 100 percent analytical completeness for this project. The analytical results are presented by training site in Tables 5-9 through 5-14 in the main body of this text.

C2.2 Representativeness Evaluation

Representativeness is a qualitative expression of the degree to which sample data accurately and precisely represent a characteristic of a population, a sampling point, or an environmental condition. Representativeness is maximized by ensuring that, for a given project, the number and location of sampling points and the sample collection and analysis techniques are appropriate for the specific investigation, and that the sampling and analysis program provides information that reflects "true" site conditions. Laboratory data were evaluated for representativeness by assessing the following:

- Laboratory compliance with the analytical criteria in the QAPP and the laboratory's standard operating procedures (SOPs).
- Compliance with holding time criteria.
- The results of method blank samples.

- Compliance with reporting limit criteria.
- The field replicate sample results.

Based on the data validation assessment, all samples were analyzed following the quality control criteria specified in the QAPP and in accordance with the analytical methods and laboratory SOPs.

Holding Time Evaluation. Holding time reflects the length of time between sample collection and analysis that a sample or remains representative of environmental conditions. Sample holding times were compared to the method-specific holding times accepted by the United States Environmental Protection Agency (U.S. EPA). All holding times were met.

Method Blanks Evaluation. If a target analyte was detected in an associated method blank and in an associated soil sample, the soil sample datum was qualified with a "B" flag to indicate that a measurable concentration of a target analyte was detected in an associated blank. Method blank data are presented in Table C-2. Data qualified due to method blank result are listed in Table C-1 with "MB".

Twenty-four Lead-212 samples were qualified due to the method blank results. In all cases the sample result was at least ten times greater than the associated method blank concentration. Because the sample concentrations were greater than ten times the method blank concentrations there is no affect on the data usability.

Minimum Detectable Concentrations. The MDC is the lowest concentration that can be reliably achieved within limits of precision and accuracy during routine instrument operating conditions. The MDC is affected by the sample amount and the amount of time the sample is counted. For this project the primary radionuclide of concern and only radionuclide with an action level was Actinium-228. All samples were counted sufficient time to ensure that the MDC for Actinium-228 listed in the QAPP was met. All other MDCs for the other radionuclides were determined for each individual sample based on the sample amount used and the count time. Therefore, the MDC varies slightly from the MDC for the other radionuclides listed in the QAPP.

Field Replicate Evaluation. Field replicate samples were collected and analyzed to evaluate sampling and analytical precision. Because precision is affected by several variables including sample heterogeneity, sample collection procedures, sample preparation, and sample analysis, the results of field replicates are used as additional evidence to support data quality rather than as a basis for accepting or rejecting the data.

The relative percent difference (RPD) was calculated only for those analytes that were detected above the reporting limit in both the environmental and field replicate samples. The field replicate data are presented in Table C-3.

C2.3 Accuracy Evaluation

Accuracy is a measure of the bias of a method or the level of agreement between a measurement and a known true value. Accuracy is evaluated by percent recovery (%R), which is calculated using the following equation:

$$\%R = \frac{A - B}{C} \times 100 \qquad \text{Eq. C2}$$

Where:

A = the measured concentration of the spiked analyte in a spiked sample

B = the measured concentration of the spiked analyte in an unspiked sample

C = the concentration of the analyte used for spiking.

Laboratory accuracy was evaluated using the results of tracer recoveries, and LCS spiking compound recoveries.

Laboratory Control Samples. Laboratory control samples were analyzed to assess accuracy in the absence of matrix effects. Commercially prepared sand spiked with target analytes according to the QAPP was used for the LCS. The percent recoveries of the spiked compounds were compared to the QC limits established in the QAPP. Laboratory control sample results are presented by analytical method in Table C-4. The following criteria were used to evaluate the LCSs.

- **LCS Recovery Below Acceptance Criteria**. Spiked compounds below the acceptance criteria indicate a potential low bias during sample analysis. Therefore, if corresponding analytes were not detected in the sample associated with the LCS, the sample data were qualified with a "UJ" flag indicating a possible false negative. If corresponding analytes were detected in the samples associated with the LCS the data were qualified with a "J" flag indicating the data are estimated and are potentially biased low.
- **LCS Recovery Above Acceptance Criteria**. Spike compound recoveries above the acceptance criteria indicate a potential high bias during sample analysis. Therefore, if corresponding analytes were not detected in the samples associated with the LCS, data were not qualified because high recoveries indicate a high bias and does not affect non-detected analytes. If corresponding analytes were detected in the samples associated with the LCS, sample data were qualified with a "J" flag indicating the data are estimated and are potentially biased high.

All LCS recoveries were within the acceptance criteria.

Instrument Calibration. Initial calibration (ICAL) and calibration verification standards (CVSs) data were compared to the calibration criteria established in the QAPP. All calibration criteria where met.

C2.4 Precision Evaluation

Precision measures the reproducibility of measurements under a given set of conditions, and is expressed as RPD or relative error ratio (RER) which are calculated using the following equations:

$$\text{RPD} = \left(\frac{|A - B|}{[A + B]/2}\right) \times 100 \qquad \text{Eq. C3}$$

Where:

A and B are the reported concentrations for sample duplicate analyses.

$$RER = \frac{(S - R)}{\left(\sqrt{(0.15 \times S)^2 + E_s^{\,2}}\right) + \left(\sqrt{(0.15 \times R)^2 + E_R^{\,2}}\right)} \qquad \text{Eq. C4}$$

Where:

S = Sample value

E_S = Sample counting error (at 2 sigma)

R = Replicate value

E_R = Replicate counting error (at 2 sigma)

Laboratory precision was evaluated using the RPDs and RER between the lab replicate samples. Only the RPD was evaluated for field replicate samples. The laboratory replicate sample data are presented in Table C-5 and the field replicate data are presented in Table C-3. As previously stated, because precision is affected by several variables including sample heterogeneity, sample collection procedures, sample preparation, and sample analysis, the results of field replicates are used as additional evidence to support data quality rather than as a basis for accepting or rejecting the data. The following criteria were used to evaluate precision for the laboratory replicate data:

- RPD Outside Acceptance Criteria. If the RPD exceeded the acceptance criteria, corresponding analytes detected in the parent sample were qualified with a "J" flag indicating the data are estimated if the RER was also outside the acceptance criteria.
- RER Outside Acceptance Criteria. If the RER exceeded the acceptance criteria, corresponding

analytes detected in the parent sample were qualified with a "J" flag indicating the data are estimated.

Relative error ratios were calculated when the RPD was outside the acceptance criteria. If the RPD was outside the acceptance criteria and the RER was within acceptance criteria, it was primarily because the sample concentrations were less than five time the MDC or because the uncertainty in the sample concentration was relatively high. When an analyte was detected in one of the parent/replicate sample pair and the other sample was not detected at the MDC, the RER was calculated using the MDC as the concentration for the sample that had a non-detect.

All RPDs and/or all RERs were within acceptance criteria.

C2.5 Comparability Evaluation

Comparability is a qualitative parameter that expresses the confidence that one data set may be compared to another. For this project, sample collection and analysis followed standard methods and the data were reported using standard units of measure. In addition QC data for this project indicate the data are comparable. As a result, the data from this project should be comparable to data collected at this site using similar sample collection and analytical methodology.

C3.0 DATA VALIDATION SUMMARY

Precision. Based on the results of the laboratory replicate sample and field replicate data, the data are precise.

Accuracy. Based on the results of the tracer and LCS recoveries, the data are accurate.

Representativeness. Based on the results of the holding time evaluation, method blank data, and blind replicate sample data evaluation, the data for this project are considered representative of the site as qualified.

Comparability. Standard methods of sample collection and standard units of measure were used during this project. The analysis performed by the laboratory was in accordance with current EPA methodology. The data collected during this program should be comparable to other data collected at this site using similar sample collection and analytical methodology.

Completeness. Based on the results of the data validation, all data are considered valid as qualified. Both sampling and analytical completeness was 100 percent.

ATTACHMENT 1

DATA VERIFICATION TABLES

TABLE C-1

SUMMARY OF SAMPLE DATA QUALIFIED FOR OT-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

Field Sample Identification	Laboratory Sample Identification	Sample Date	Analytical Method	Analyte	Sample Concentration	Unit	Added Qualifier	QC Type	QC Result	Comment
TS5-SS-21-0000	F3J160288001	10/03/03	E901.1	Lead-212	0.83 ± 0.21	pCi/g	B	MB	0.061 ± 0.046	Analyte detected in associated method blank
TS5-SS-22-0000	F3J160288002	10/01/03	E901.1	Lead-212	0.82 ± 0.19	pCi/g	B	MB	0.061 ± 0.046	Analyte detected in associated method blank
TS5-SS-23-0000	F3J160288003	10/01/03	E901.1	Lead-212	1.15 ± 0.27	pCi/g	B	MB	0.061 ± 0.046	Analyte detected in associated method blank
TS5-SS-24-0000	F3J160288004	10/01/03	E901.1	Lead-212	2.74 ± 0.44	pCi/g	B	MB	0.061 ± 0.046	Analyte detected in associated method blank
TS5-SS-25-0000	F3J160288005	10/01/03	E901.1	Lead-212	0.99 ± 0.2	pCi/g	B	MB	0.061 ± 0.046	Analyte detected in associated method blank
TS5-SS-26-0000	F3J160288006	10/01/03	E901.1	Lead-212	0.8 ± 0.21	pCi/g	B	MB	0.061 ± 0.046	Analyte detected in associated method blank
TS5-SS-27-0000	F3J160288007	10/01/03	E901.1	Lead-212	1.07 ± 0.25	pCi/g	B	MB	0.061 ± 0.046	Analyte detected in associated method blank
TS5-SS-28-0000	F3J160288008	10/03/03	E901.1	Lead-212	0.79 ± 0.19	pCi/g	B	MB	0.061 ± 0.046	Analyte detected in associated method blank
TS5-SS-29-0000	F3J160288009	10/03/03	E901.1	Lead-212	0.74 ± 0.16	pCi/g	B	MB	0.061 ± 0.046	Analyte detected in associated method blank
TS5-SS-30-0000	F3J160288010	10/03/03	E901.1	Lead-212	0.84 ± 0.18	pCi/g	B	MB	0.061 ± 0.046	Analyte detected in associated method blank
TS5-SS-61-0000	F3J160288011	10/02/03	E901.1	Lead-212	1.33 ± 0.25	pCi/g	B	MB	0.061 ± 0.046	Analyte detected in associated method blank
TS5-SS-62-0000	F3J160288012	10/02/03	E901.1	Lead-212	2.98 ± 0.52	pCi/g	B	MB	0.061 ± 0.046	Analyte detected in associated method blank
TS5-SS-63-0000	F3J160288013	10/02/03	E901.1	Lead-212	2.43 ± 0.43	pCi/g	B	MB	0.061 ± 0.046	Analyte detected in associated method blank
TS5-SS-64-0000	F3J160288014	10/02/03	E901.1	Lead-212	1.06 ± 0.22	pCi/g	B	MB	0.061 ± 0.046	Analyte detected in associated method blank
TS5-SS-65-0000	F3J160288015	10/02/03	E901.1	Lead-212	1.04 ± 0.2	pCi/g	B	MB	0.061 ± 0.046	Analyte detected in associated method blank
TS5-SS-66-0000	F3J160288016	10/02/03	E901.1	Lead-212	0.78 ± 0.2	pCi/g	B	MB	0.061 ± 0.046	Analyte detected in associated method blank
TS5-SS-67-0000	F3J160288017	10/02/03	E901.1	Lead-212	0.9 ± 0.18	pCi/g	B	MB	0.061 ± 0.046	Analyte detected in associated method blank
TS5-SS-68-0000	F3J160288018	10/01/03	E901.1	Lead-212	1.22 ± 0.28	pCi/g	B	MB	0.061 ± 0.046	Analyte detected in associated method blank
TS5-SS-69-0000	F3J160288019	10/01/03	E901.1	Lead-212	0.93 ± 0.23	pCi/g	B	MB	0.061 ± 0.046	Analyte detected in associated method blank
TS5-SS-70-0000	F3J160288020	10/01/03	E901.1	Lead-212	0.83 ± 0.21	pCi/g	B	MB	0.061 ± 0.046	Analyte detected in associated method blank
TS8-SS-55A-0000	F3J170334035	10/01/03	E901.1	Lead-212	0.8 ± 0.16	pCi/g	B	MB	0.063 ± 0.036	Analyte detected in associated method blank
TS8-SS-65A-0000	F3J170334036	09/30/03	E901.1	Lead-212	0.65 ± 0.13	pCi/g	B	MB	0.063 ± 0.036	Analyte detected in associated method blank
TS8-SS-75A-0000	F3J170334037	10/10/03	E901.1	Lead-212	1.34 ± 0.25	pCi/g	B	MB	0.063 ± 0.036	Analyte detected in associated method blank
TS8-SS-85A-0000	F3J170334038	10/01/03	E901.1	Lead-212	0.63 ± 0.14	pCi/g	B	MB	0.063 ± 0.036	Analyte detected in associated method blank

Notes:

MB = method blank

pCi/g = picocuries per gram

B = analyte detected in an associated blank

TABLE C-2

METHOD BLANK SAMPLE DATA SUMMARY FOR OT-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO
(Page 1 of 6)

Lab Sample Identification	F3J270000485	F3J270000487	F3J270000479	F3J270000481	F3J270000466	F3J270000475	F3J270000455	F3J270000459
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analysis Code	E901.1	E901.1	E901.1	E901.1	E901.1	E901.1	E901.1	E901.1
Analysis Date	11/15/2003	11/15/2003	11/15/2003	11/15/2003	11/13/2003	11/14/2003	11/12/2003	11/12/2003
Analyte/Methods (Units)								
Radionuclides/E901.1 (pCi/g)								
Actinium-228	<0.17 ± 0.074	<0.19 ± 0.085	<0.21 ± 0.095	<0.33 ± 0.14	<0.23 ± 0.1	<0.23 ± 0.095	<0.32 ± 0.13	<0.31 ± 0.14
Bismuth-212	<0.42 ± 0.21	<0.43 ± 0.2	<0.28 ± 0.12	<0.5 ± 0.2	<0.46 ± 0.25	<0.41 ± 0.16	<0.5 ± 0.19	<0.43 ± 0.19
Bismuth-214	<0.14 ± 0.061	<0.11 ± 0.051	<0.12 ± 0.056	<0.16 ± 0.073	<0.14 ± 0.07	<0.15 ± 0.075	<0.15 ± 0.066	<0.14 ± 0.066
Cesium-137	<0.05 ± 0.027	<0.068 ± 0.028	<0.046 ± 0.025	<0.068 ± 0.03	<0.061 ± 0.026	<0.06 ± 0.029	<0.064 ± 0.028	<0.049 ± 0.027
Cobalt-60	<0.056 ± 0.032	<0.063 ± 0.032	<0.069 ± 0.03	<0.085 ± 0.029	<0.069 ± 0.031	<0.093 ± 0.032	<0.052 ± 0.014	<0.1 ± 0.043
Lead-212	<0.079 ± 0.037	**0.063 ± 0.036**	<0.077 ± 0.038	<0.097 ± 0.045	<0.078 ± 0.047	<0.1 ± 0.047	<0.092 ± 0.045	<0.1 ± 0.048
Lead-214	<0.11 ± 0.049	<0.1 ± 0.048	<0.1 ± 0.045	<0.16 ± 0.075	<0.088 ± 0.047	<0.15 ± 0.066	<0.15 ± 0.071	<0.14 ± 0.06
Potassium-40	<0.57 ± 0.19	<0.8 ± 0.32	<0.65 ± 0.24	<0.86 ± 0.38	<0.79 ± 0.35	<0.86 ± 0.32	<0.87 ± 0.38	<1.0 ± 0.36
Radium-224	<0.76 ± 0.45	<0.68 ± 0.39	<0.81 ± 0.43	<0.78 ± 0.6	<0.71 ± 0.45	<0.66 ± 0.67	<0.84 ± 0.52	<0.95 ± 0.58
Radium-226	<0.73 ± 0.36	<0.75 ± 0.34	<0.65 ± 0.32	<0.74 ± 0.39	<0.79 ± 0.36	<1.0 ± 0.47	<0.92 ± 0.41	<1.0 ± 0.47
Thallium-208	<0.06 ± 0.03	<0.059 ± 0.027	<0.066 ± 0.032	<0.047 ± 0.025	<0.068 ± 0.029	<0.071 ± 0.031	<0.077 ± 0.035	<0.084 ± 0.038
Thorium-234	<0.47 ± 0.23	<0.44 ± 0.21	<0.47 ± 0.23	<0.53 ± 0.23	<0.5 ± 0.23	<0.58 ± 0.28	<0.59 ± 0.27	<0.66 ± 0.31
Uranium 235 and 236	<0.19 ± 0.089	<0.16 ± 0.078	<0.15 ± 0.092	<0.2 ± 0.1	<0.17 ± 0.084	<0.21 ± 0.11	<0.17 ± 0.1	<0.21 ± 0.09

TABLE C-2

METHOD BLANK SAMPLE DATA SUMMARY FOR OT-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO
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Lab Sample Identification	F3J210000462	F3J210000463	F3J270000452	F3J200000353	F3J200000347	F3J200000352	F3J200000339	F3J200000340
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analysis Code	E901.1	E901.1	E901.1	E901.1	E901.1	E901.1	E901.1	E901.1
Analysis Date	11/11/2003	11/11/2003	11/11/2003	11/11/2003	11/10/2003	11/10/2003	11/10/2003	11/~~10~~/2003
Analyte/Methods (Units)								
Radionuclides/E901.1 (pCi/g)								
Actinium-228	<0.26 ± 0.11	<0.32 ± 0.13	<0.39 ± 0.17	<0.31 ± 0.13	<0.27 ± 0.13	<0.29 ± 0.12	<0.25 ± 0.1	<0.18 ± 0.077
Bismuth-212	<0.48 ± 0.19	<0.41 ± 0.2	<0.41 ± 0.17	<0.38 ± 0.22	<0.44 ± 0.23	<0.36 ± 0.15	<0.34 ± 0.17	<0.54 ± 0.25
Bismuth-214	<0.12 ± 0.055	<0.17 ± 0.077	<0.14 ± 0.065	<0.16 ± 0.069	<0.14 ± 0.066	<0.14 ± 0.062	<0.11 ± 0.052	<0.15 ± 0.059
Cesium-137	<0.052 ± 0.025	<0.049 ± 0.027	<0.064 ± 0.032	<0.06 ± 0.03	<0.063 ± 0.028	<0.044 ± 0.024	<0.061 ± 0.028	<0.06 ± 0.027
Cobalt-60	<0.056 ± 0.026	<0.052 ± 0.029	<0.066 ± 0.02	<0.066 ± 0.025	<0.056 ± 0.026	<0.069 ± 0.026	<0.051 ± 0.019	<0.076 ± 0.032
Lead-212	<0.085 ± 0.041	<0.085 ± 0.041	<0.11 ± 0.051	<0.091 ± 0.046	**0.061 ± 0.046**	<0.08 ± 0.042	<0.075 ± 0.037	<0.097 ± 0.047
Lead-214	<0.1 ± 0.051	<0.17 ± 0.074	<0.15 ± 0.067	<0.15 ± 0.066	<0.11 ± 0.048	<0.14 ± 0.068	<0.11 ± 0.05	<0.15 ± 0.065
Potassium-40	<0.57 ± 0.21	<0.94 ± 0.38	<0.94 ± 0.35	<1.0 ± 0.45	<0.8 ± 0.3	<0.61 ± 0.3	<0.77 ± 0.31	<0.77 ± 0.32
Radium-224	<0.6 ± 0.57	<0.89 ± 0.52	<0.77 ± 0.65	<0.86 ± 0.59	<0.67 ± 0.39	<0.81 ± 0.48	<0.8 ± 0.43	<0.78 ± 0.67
Radium-226	<0.69 ± 0.36	<0.9 ± 0.46	<0.99 ± 0.46	<0.85 ± 0.43	<0.7 ± 0.37	<0.9 ± 0.43	<0.82 ± 0.39	<0.92 ± 0.42
Thallium-208	<0.058 ± 0.028	<0.065 ± 0.032	<0.081 ± 0.035	<0.057 ± 0.023	<0.052 ± 0.025	<0.069 ± 0.032	<0.057 ± 0.024	<0.069 ± 0.033
Thorium-234	<0.45 ± 0.22	<0.57 ± 0.28	<0.58 ± 0.29	<0.57 ± 0.27	<0.5 ± 0.23	<0.48 ± 0.25	<0.47 ± 0.23	<0.59 ± 0.26
Uranium 235 and 236	<0.15 ± 0.086	<0.21 ± 0.12	<0.19 ± 0.11	<0.22 ± 0.12	<0.18 ± 0.086	<0.21 ± 0.11	<0.16 ± 0.074	<0.2 ± 0.097

TABLE C-2

METHOD BLANK SAMPLE DATA SUMMARY FOR OT-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO
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Lab Sample Identification	F3J150000413	F3J150000419	F3J170000419	F3J170000416	F3J170000410	F3J170000414	F3J170000408	F3J170000404
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analysis Code	E901.1	E901.1	E901.1	E901.1	E901.1	E901.1	E901.1	E901.1
Analysis Date	11/5/2003	11/5/2003	11/7/2003	11/7/2003	11/6/2003	11/7/2003	11/6/2003	11/6/2003
Analyte/Methods (Units)								
Radionuclides/E901.1 (pCi/g)								
Actinium-228	<0.25 ± 0.11	<0.19 ± 0.086	<0.23 ± 0.096	<0.21 ± 0.069	<0.19 ± 0.066	<0.25 ± 0.14	<0.3 ± 0.12	<0.32 ± 0.13
Bismuth-212	<0.43 ± 0.19	<0.36 ± 0.15	<0.39 ± 0.18	<0.43 ± 0.22	<0.49 ± 0.2	<0.43 ± 0.25	<0.44 ± 0.21	<0.42 ± 0.17
Bismuth-214	<0.17 ± 0.072	<0.13 ± 0.055	<0.14 ± 0.064	<0.2 ± 0.087	<0.13 ± 0.06	<0.13 ± 0.057	<0.17 ± 0.078	<0.19 ± 0.089
Cesium-137	<0.034 ± 0.016	<0.055 ± 0.025	<0.051 ± 0.025	<0.033 ± 0.02	<0.035 ± 0.024	<0.049 ± 0.018	<0.033 ± 0.018	<0.042 ± 0.022
Cobalt-60	<0.076 ± 0.035	<0.049 ± 0.015	<0.055 ± 0.028	<0.052 ± 0.029	<0.064 ± 0.03	<0.076 ± 0.032	<0.076 ± 0.029	<0.052 ± 0.029
Lead-212	<0.099 ± 0.049	<0.076 ± 0.036	<0.075 ± 0.036	<0.085 ± 0.041	<0.071 ± 0.034	<0.11 ± 0.055	<0.099 ± 0.048	<0.1 ± 0.048
Lead-214	<0.14 ± 0.064	<0.1 ± 0.047	<0.11 ± 0.055	<0.15 ± 0.071	<0.096 ± 0.044	<0.17 ± 0.078	<0.13 ± 0.058	<0.14 ± 0.065
Potassium-40	<1.0 ± 0.43	<0.4 ± 0.16	<0.82 ± 0.3	<1.1 ± 0.45	<0.81 ± 0.31	<0.67 ± 0.31	<0.78 ± 0.32	<1.1 ± 0.39
Radium-224	<0.91 ± 0.56	<0.71 ± 0.38	<0.66 ± 0.4	<0.78 ± 0.5	<0.63 ± 0.42	<0.97 ± 0.63	<0.83 ± 0.57	<0.91 ± 0.76
Radium-226	<0.96 ± 0.43	<0.69 ± 0.32	<0.69 ± 0.35	<0.89 ± 0.44	<0.66 ± 0.34	<0.92 ± 0.46	<0.9 ± 0.42	<1.0 ± 0.47
Thallium-208	<0.065 ± 0.026	<0.044 ± 0.023	<0.054 ± 0.026	<0.074 ± 0.037	<0.057 ± 0.027	<0.085 ± 0.034	<0.081 ± 0.033	<0.065 ± 0.027
Thorium-234	<0.56 ± 0.27	<0.49 ± 0.23	<0.41 ± 0.2	<0.54 ± 0.25	<0.52 ± 0.25	<0.59 ± 0.29	<0.59 ± 0.28	<0.58 ± 0.27
Uranium 235 and 236	<0.21 ± 0.12	<0.15 ± 0.079	<0.17 ± 0.089	<0.19 ± 0.098	<0.16 ± 0.077	<0.24 ± 0.11	<0.23 ± 0.12	<0.25 ± 0.11

TABLE C-2

METHOD BLANK SAMPLE DATA SUMMARY FOR OT-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO
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Lab Sample Identification	F3J170000402	F3J150000440	F3J150000449	F3J140000484	F3J140000489	F3J150000425	F3J140000162	F3J140000159
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analysis Code	E901.1	E901.1	E901.1	E901.1	E901.1	E901.1	E901.1	E901.1
Analysis Date	11/6/2003	11/6/2003	11/6/2003	11/4/2003	11/4/2003	11/5/2003	11/4/2003	11/3/2003
Analyte/Methods (Units)								
Radionuclides/E901.1 (pCi/g)								
Actinium-228	<0.23 ± 0.11	<0.19 ± 0.089	<0.23 ± 0.1	<0.24 ± 0.095	<0.27 ± 0.12	<0.35 ± 0.14	<0.31 ± 0.13	<0.21 ± 0.11
Bismuth-212	<0.43 ± 0.19	<0.51 ± 0.23	<0.39 ± 0.15	<0.39 ± 0.17	<0.38 ± 0.21	<0.52 ± 0.19	<0.38 ± 0.14	<0.43 ± 0.19
Bismuth-214	<0.16 ± 0.075	<0.13 ± 0.055	<0.16 ± 0.066	<0.12 ± 0.057	<0.18 ± 0.078	<0.17 ± 0.071	<0.18 ± 0.074	<0.18 ± 0.07
Cesium-137	<0.049 ± 0.027	<0.049 ± 0.026	<0.03 ± 0.014	<0.06 ± 0.025	<0.055 ± 0.026	<0.049 ± 0.024	<0.068 ± 0.029	<0.055 ± 0.027
Cobalt-60	<0.066 ± 0.02	<0.06 ± 0.022	<0.048 ± 0.022	<0.074 ± 0.034	<0.052 ± 0.029	<0.052 ± 0.025	<0.052 ± 0.02	<0.085 ± 0.035
Lead-212	<0.11 ± 0.054	<0.084 ± 0.046	<0.071 ± 0.039	<0.07 ± 0.033	<0.11 ± 0.05	<0.084 ± 0.042	<0.1 ± 0.047	<0.093 ± 0.043
Lead-214	<0.13 ± 0.059	<0.14 ± 0.067	<0.12 ± 0.055	<0.12 ± 0.053	<0.16 ± 0.072	<0.16 ± 0.069	<0.15 ± 0.068	<0.14 ± 0.066
Potassium-40	<0.67 ± 0.25	<0.86 ± 0.3	<0.79 ± 0.32	<0.57 ± 0.19	<0.86 ± 0.37	<1.1 ± 0.44	<0.94 ± 0.35	<0.94 ± 0.4
Radium-224	<0.89 ± 0.7	<0.96 ± 0.52	<0.83 ± 0.54	<0.58 ± 0.4	<0.9 ± 0.59	<0.77 ± 0.43	<0.89 ± 0.67	<0.69 ± 0.55
Radium-226	<0.97 ± 0.44	<0.89 ± 0.42	<0.84 ± 0.4	<0.64 ± 0.33	<0.94 ± 0.45	<0.94 ± 0.46	<0.87 ± 0.4	<0.93 ± 0.42
Thallium-208	<0.065 ± 0.029	<0.066 ± 0.029	<0.069 ± 0.031	<0.046 ± 0.02	<0.065 ± 0.028	<0.067 ± 0.025	<0.084 ± 0.036	<0.061 ± 0.03
Thorium-234	<0.54 ± 0.25	<0.44 ± 0.23	<0.5 ± 0.25	<0.43 ± 0.2	<0.61 ± 0.28	<0.63 ± 0.3	<0.5 ± 0.25	<0.58 ± 0.27
Uranium 235 and 236	<0.15 ± 0.098	<0.21 ± 0.1	<0.22 ± 0.11	<0.17 ± 0.081	<0.2 ± 0.11	<0.22 ± 0.11	<0.21 ± 0.11	<0.21 ± 0.099

TABLE C-2

METHOD BLANK SAMPLE DATA SUMMARY FOR OT-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

Lab Sample Identification	F3J140000161	F3J100000348	F3J100000342	F3J100000345	F3J090000428	F3J090000431	F3J090000425	F3J090000140
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analysis Code	E901.1	E901.1	E901.1	E901.1	E901.1	E901.1	E901.1	E901.1
Analysis Date	11/3/2003	10/31/2003	10/31/2003	10/31/2003	10/30/2003	10/30/2003	10/30/2003	10/29/2003
Analyte/Methods (Units)								
Radionuclides/E901.1 (pCi/g)								
Actinium-228	<0.27 ± 0.11	<0.25 ± 0.1	<0.23 ± 0.095	<0.31 ± 0.12	<0.21 ± 0.085	<0.25 ± 0.097	<0.32 ± 0.14	<0.25 ± 0.12
Bismuth-212	<0.42 ± 0.23	<0.5 ± 0.25	<0.47 ± 0.2	<0.54 ± 0.23	<0.27 ± 0.14	<0.45 ± 0.21	<0.47 ± 0.22	<0.44 ± 0.23
Bismuth-214	<0.12 ± 0.051	<0.15 ± 0.064	<0.17 ± 0.079	<0.18 ± 0.075	<0.12 ± 0.053	<0.2 ± 0.084	<0.19 ± 0.081	<0.18 ± 0.078
Cesium-137	<0.068 ± 0.029	<0.064 ± 0.029	<0.06 ± 0.022	<0.033 ± 0.022	<0.067 ± 0.03	<0.049 ± 0.022	<0.06 ± 0.032	<0.068 ± 0.028
Cobalt-60	<0.06 ± 0.018	<0.052 ± 0.025	<0.052 ± 0.014	<0.066 ± 0.029	<0.056 ± 0.024	<0.058 ± 0.03	<0.066 ± 0.025	<0.066 ± 0.02
Lead-212	<0.089 ± 0.043	<0.077 ± 0.044	<0.1 ± 0.046	<0.092 ± 0.044	<0.05 ± 0.039	<0.086 ± 0.037	<0.094 ± 0.047	<0.11 ± 0.051
Lead-214	<0.14 ± 0.062	<0.14 ± 0.066	<0.14 ± 0.062	<0.14 ± 0.062	<0.099 ± 0.051	<0.14 ± 0.059	<0.15 ± 0.07	**0.104 ± 0.06**
Potassium-40	<0.91 ± 0.34	<0.77 ± 0.4	<0.67 ± 0.25	<0.86 ± 0.37	<0.84 ± 0.32	<1.1 ± 0.46	<0.77 ± 0.32	<0.86 ± 0.4
Radium-224	<0.64 ± 0.72	<0.96 ± 0.5	<0.86 ± 0.49	<0.77 ± 0.55	<0.63 ± 0.47	<0.7 ± 0.55	<0.79 ± 0.58	<0.85 ± 0.74
Radium-226	<0.87 ± 0.42	<0.84 ± 0.4	<0.74 ± 0.42	<0.85 ± 0.39	<0.74 ± 0.34	<0.94 ± 0.45	<0.79 ± 0.38	<0.9 ± 0.43
Thallium-208	<0.07 ± 0.032	<0.085 ± 0.036	<0.064 ± 0.029	<0.074 ± 0.03	<0.062 ± 0.026	<0.067 ± 0.03	<0.068 ± 0.029	<0.068 ± 0.029
Thorium-234	<0.43 ± 0.21	<0.58 ± 0.27	<0.6 ± 0.27	<0.57 ± 0.29	<0.43 ± 0.22	<0.63 ± 0.29	<0.53 ± 0.26	<0.56 ± 0.27
Uranium 235 and 236	<0.13 ± 0.082	<0.21 ± 0.1	<0.22 ± 0.11	<0.21 ± 0.11	<0.18 ± 0.087	<0.22 ± 0.11	<0.22 ± 0.12	<0.21 ± 0.11

TABLE C-2

METHOD BLANK SAMPLE DATA SUMMARY FOR OT-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

Lab Sample Identification	F3J090000135	F3J090000137	F3J070000390	F3J070000264	F3J070000270	F3I180000393	F3I180000394	F3J170000409
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analysis Code	E901.1	E901.1	E901.1	E901.1	E901.1	E901.1	E901.1	E901.1
Analysis Date	10/29/2003	10/29/2003	10/28/2003	10/27/2003	10/28/2003	10/10/2003	10/10/2003	11/6/2003
Analyte/Methods (Units)								
Radionuclides/E901.1 (pCi/g)								
Actinium-228	<0.29 ± 0.12	<0.18 ± 0.087	<0.19 ± 0.084	<0.25 ± 0.13	<0.2 ± 0.089	<0.2 ± 0.1	<0.24 ± 0.11	<0.23 ± 0.1
Bismuth-212	<0.52 ± 0.26	<0.4 ± 0.18	<0.28 ± 0.19	<0.43 ± 0.15	<0.35 ± 0.17	<0.39 ± 0.18	<0.47 ± 0.23	<0.45 ± 0.2
Bismuth-214	<0.16 ± 0.078	<0.14 ± 0.058	<0.085 ± 0.049	<0.14 ± 0.065	<0.13 ± 0.061	<0.13 ± 0.057	<0.12 ± 0.056	<0.14 ± 0.059
Cesium-137	<0.06 ± 0.034	<0.053 ± 0.024	<0.05 ± 0.023	<0.049 ± 0.022	<0.058 ± 0.026	<0.039 ± 0.017	<0.064 ± 0.028	<0.047 ± 0.022
Cobalt-60	<0.052 ± 0.02	<0.078 ± 0.032	<0.074 ± 0.032	<0.06 ± 0.026	<0.074 ± 0.028	<0.057 ± 0.026	<0.049 ± 0.018	<0.048 ± 0.029
Lead-212	<0.09 ± 0.044	<0.052 ± 0.039	<0.065 ± 0.032	<0.088 ± 0.043	<0.06 ± 0.045	<0.078 ± 0.037	<0.077 ± 0.038	<0.093 ± 0.047
Lead-214	<0.15 ± 0.064	<0.1 ± 0.046	<0.1 ± 0.036	<0.13 ± 0.06	<0.1 ± 0.05	<0.11 ± 0.05	<0.11 ± 0.048	<0.12 ± 0.059
Potassium-40	<1.1 ± 0.45	<0.92 ± 0.36	<0.75 ± 0.3	<0.71 ± 0.23	<0.64 ± 0.28	<0.9 ± 0.36	<0.71 ± 0.29	<0.92 ± 0.35
Radium-224	<0.92 ± 0.58	<0.59 ± 0.33	<0.72 ± 0.4	<0.83 ± 0.49	<0.69 ± 0.43	<0.75 ± 0.4	<0.73 ± 0.42	<0.79 ± 0.65
Radium-226	<1.1 ± 0.48	<0.78 ± 0.37	<0.62 ± 0.31	<0.92 ± 0.45	<0.73 ± 0.36	<0.77 ± 0.38	<0.64 ± 0.31	<0.89 ± 0.43
Thallium-208	<0.064 ± 0.032	<0.064 ± 0.026	<0.057 ± 0.026	<0.066 ± 0.027	<0.05 ± 0.024	<0.055 ± 0.026	<0.055 ± 0.023	<0.058 ± 0.022
Thorium-234	<0.61 ± 0.29	<0.47 ± 0.23	<0.38 ± 0.19	<0.45 ± 0.23	<0.43 ± 0.19	<0.5 ± 0.24	<0.46 ± 0.22	<0.51 ± 0.24
Uranium 235 and 236	<0.23 ± 0.12	<0.18 ± 0.081	<0.16 ± 0.084	<0.17 ± 0.094	<0.2 ± 0.095	<0.19 ± 0.11	<0.19 ± 0.099	<0.19 ± 0.1

Notes:
Bold indicates a positive detection
pCi/g picocuries per gram

TABLE C-3

FIELD REPLICATE SAMPLE DATA SUMMARY FOR 0T-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

Field Sample Identification	TS5-SS-22-0000	TS5-SS-22A-0000		TS5-SS-32-0000	TS5-SS-32A-0000		TS5-SS-42-0000	TS5-SS-42A-0000	
Date Collected	10/1/2003	10/1/2003		10/1/2003	10/1/2003		10/3/2003	10/3/2003	
Depth (ft)	0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50	
Matrix	Soil	Soil		Soil	Soil		Soil	Soil	
Analyte/Methods (Units)			RPD			RPD			RPD
Radionuclides/E901.1 (pCi/g)									
Actinium-228	**1.0 ± 0.35**	**0.81 ± 0.25**	21.0	**1.1 ± 0.36**	**1.2 ± 0.34**	8.7	**1.12 ± 0.34**	**1.13 ± 0.36**	0.9
Bismuth-212	<0.63 ± 0.39	<0.53 ± 0.45	NC	**0.76 ± 0.42**	<1.0 ± 0.46	NC	<1.1 ± 0.51	<0.77 ± 0.51	NC
Bismuth-214	**0.75 ± 0.23**	**0.77 ± 0.21**	2.6	**0.69 ± 0.21**	**0.8 ± 0.25**	14.8	**0.9 ± 0.27**	**0.76 ± 0.26**	16.9
Cesium-137	<0.11 ± 0.056	<0.1 ± 0.051	NC	<0.11 ± 0.052	<0.097 ± 0.05	NC	<0.095 ± 0.059	<0.17 ± 0.08	NC
Cobalt-60	<0.11 ± 0.055	<0.086 ± 0.04	NC	<0.11 ± 0.052	<0.086 ± 0.043	NC	<0.09 ± 0.062	<0.086 ± 0.049	NC
Lead-212	**0.82 ± 0.19 B**	**0.77 ± 0.18**	6.3	**0.86 ± 0.18**	**0.98 ± 0.22**	13.0	**0.92 ± 0.21**	**0.86 ± 0.22**	6.7
Lead-214	**0.72 ± 0.17**	**0.73 ± 0.17**	1.4	**0.86 ± 0.17**	**0.9 ± 0.2**	4.5	**1.01 ± 0.21**	**1.0 ± 0.23**	1.0
Potassium-40	**14 ± 2.7**	**13.2 ± 2.7**	5.9	**16.1 ± 3.1**	**15.3 ± 3.1**	5.1	**15.5 ± 3.2**	**16.3 ± 3.6**	5.0
Radium-224	**2.7 ± 1.9**	**2.2 ± 1.6**	20.4	**2.5 ± 1.7**	**2.6 ± 1.9**	3.9	**2.1 ± 1.6**	**2.9 ± 2**	32.0
Radium-226	**1.68 ± 0.8**	<1.1 ± 01± 1	NC	<1.2 ± 0.96	**2.5 ± 1.1**	NC	<1.8 ± 0.96	<1.9 ± 0.97	NC
Thallium-208	**0.29 ± 0.11**	**0.299 ± 0.088**	3.1	**0.33 ± 0.1**	**0.37 ± 0.11**	11.4	**0.32 ± 0.12**	**0.39 ± 0.11**	19.7
Thorium-234	<1.0 ± 0.54	<0.87 ± 0.47	NC	<0.99 ± 0.53	**1.15 ± 0.61**	NC	<1.0 ± 0.62	<1.2 ± 0.65	NC
Uranium 235 and 236	<0.34 ± 0.19	<0.33 ± 0.18	NC	<0.37 ± 0.2	<0.38 ± 0.23	NC	<0.4 ± 0.22	<0.38 ± 0.22	NC

TABLE C-3

FIELD REPLICATE SAMPLE DATA SUMMARY FOR 0T-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO
(Page 2 of 27)

Field Sample Identification	TS5-SS-52-0000	TS5-SS-52A-0000		TS5-SS-62-0000	TS5-SS-62A-0000		TS5-SS-72-0000	TS5-SS-72A-0000	
Date Collected	10/1/2003	10/1/2003		10/2/2003	10/2/2003		10/1/2003	10/1/2003	
Depth (ft)	0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50	
Matrix	Soil	Soil		Soil	Soil		Soil	Soil	
Analyte/Methods (Units)			RPD			RPD			RPD
Radionuclides/E901.1 (pCi/g)									
Actinium-228	**1.63 ± 0.41**	**1.37 ± 0.42**	17.3	**2.93 ± 0.7**	**2.43 ± 0.59**	18.7	**1.19 ± 0.39**	**1.53 ± 0.45**	25.0
Bismuth-212	**1.46 ± 0.61**	<1.3 ± 0.59	NC	**2.13 ± 0.88**	<1.3 ± 0.66	NC	<0.85 ± 0.43	<0.74 ± 0.6	NC
Bismuth-214	**0.87 ± 0.23**	**0.7 ± 0.25**	21.7	**0.8 ± 0.27**	**0.91 ± 0.26**	12.9	**0.63 ± 0.23**	**0.74 ± 0.22**	16.1
Cesium-137	**0.32 ± 0.1**	**0.3 ± 0.11**	6.5	<0.12 ± 0.069	<0.1 ± 0.063	NC	<0.081 ± 0.045	<0.11 ± 0.06	NC
Cobalt-60	<0.1 ± 0.051	<0.12 ± 0.058	NC	<0.15 ± 0.075	<0.12 ± 0.067	NC	<0.1 ± 0.046	<0.11 ± 0.058	NC
Lead-212	**1.68 ± 0.32**	**1.47 ± 0.29**	13.3	**2.98 ± 0.52 B**	**2.17 ± 0.4**	31.5	**1.03 ± 0.21**	**1.72 ± 0.31**	**50.2**
Lead-214	**0.69 ± 0.17**	**0.92 ± 0.21**	28.6	**1.0 ± 0.24**	**0.89 ± 0.19**	11.6	**0.71 ± 0.17**	**0.93 ± 0.18**	26.8
Potassium-40	**14.6 ± 2.9**	**14.5 ± 3.2**	0.7	**14.8 ± 3.1**	**16.1 ± 3.3**	8.4	**15 ± 2.9**	**13.1 ± 2.8**	13.5
Radium-224	**3.4 ± 2.3**	**2.8 ± 2**	19.4	**3.1 ± 2**	**7.7 ± 4.7**	**85.2**	**3.1 ± 2.1**	**5.9 ± 3.6**	**62.2**
Radium-226	**1.7 ± 1.1**	**2.3 ± 1.5**	30.0	<2.0 ± 1.6	**2.4 ± 1.5**	NC	**1.48 ± 0.99**	<1.4 ± 1.3	NC
Thallium-208	**0.61 ± 0.15**	**0.51 ± 0.14**	17.9	**1.02 ± 0.24**	**0.89 ± 0.21**	13.6	**0.43 ± 0.12**	**0.51 ± 0.14**	17.0
Thorium-234	**1.16 ± 0.58**	**1.36 ± 0.71**	15.9	**2.52 ± 0.73**	**2.71 ± 0.72**	7.3	**1.32 ± 0.56**	**1.56 ± 0.65**	16.7
Uranium 235 and 236	<0.41 ± 0.23	<0.45 ± 0.25	NC	<0.57 ± 0.31	<0.5 ± 0.28	NC	<0.37 ± 0.2	<0.4 ± 0.23	NC

TABLE C-3

FIELD REPLICATE SAMPLE DATA SUMMARY FOR 0T-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

Field Sample Identification	TS5-SS-82-0000	TS5-SS-82A-0000		TS5-SS-92-0000	TS5-SS-92A-0000		TS5-SS-102-0000	TS5-SS-102A-0000	
Date Collected	10/1/2003	10/1/2003		10/2/2003	10/2/2003		10/2/2003	10/2/2003	
Depth (ft)	0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50	
Matrix	Soil	Soil		Soil	Soil		Soil	Soil	
Analyte/Methods (Units)			RPD			RPD			RPD
Radionuclides/E901.1 (pCi/g)									
Actinium-228	**0.97 ± 0.42**	**1.04 ± 0.4**	7.0	**1.02 ± 0.37**	**1.29 ± 0.35**	23.4	**0.92 ± 0.32**	**1.2 ± 0.32**	26.4
Bismuth-212	<1.2 ± 0.62	**0.95 ± 0.6**	NC	<0.97 ± 0.48	<1.0 ± 0.5	NC	<1.0 ± 0.51	<0.91 ± 0.42	NC
Bismuth-214	**0.83 ± 0.25**	**0.91 ± 0.24**	9.2	**0.88 ± 0.25**	**0.89 ± 0.26**	1.1	**0.75 ± 0.22**	**0.8 ± 0.24**	6.5
Cesium-137	<0.12 ± 0.058	<0.11 ± 0.056	NC	**0.192 ± 0.09**	**0.234 ± 0.091**	19.7	<0.097 ± 0.054	<0.096 ± 0.056	NC
Cobalt-60	<0.12 ± 0.063	<0.1 ± 0.065	NC	<0.13 ± 0.063	<0.12 ± 0.052	NC	<0.12 ± 0.056	<0.11 ± 0.049	NC
Lead-212	**0.88 ± 0.19**	**1.04 ± 0.21**	16.7	**1.41 ± 0.21**	**1.15 ± 0.25**	20.3	**1.03 ± 0.22**	**1.05 ± 0.2**	1.9
Lead-214	**0.92 ± 0.2**	**0.79 ± 0.18**	15.2	**1.03 ± 0.16**	**1.04 ± 0.22**	1.0	**0.89 ± 0.2**	**0.94 ± 0.17**	5.5
Potassium-40	**15.9 ± 3.4**	**16.2 ± 3.4**	1.9	**18.1 ± 3.2**	**17.9 ± 3.4**	1.1	**14.1 ± 2.9**	**14.6 ± 3.1**	3.5
Radium-224	<2.1 ± 1.6	**2.7 ± 1.9**	NC	<1.3 ± 0.81	**3.3 ± 2.2**	NC	**3.0 ± 2**	**2.7 ± 1.8**	10.5
Radium-226	<2.0 ± 01± 1	**2.3 ± 01± 1**	NC	**2.1 ± 1.3**	<1.8 ± 0.92	NC	**3.3 ± 1.4**	<1.5 ± 0.79	NC
Thallium-208	**0.38 ± 0.12**	**0.3 ± 0.13**	23.5	**0.44 ± 0.13**	**0.46 ± 0.13**	4.4	**0.311 ± 0.099**	**0.338 ± 0.0999**	8.3
Thorium-234	<1.2 ± 0.63	<1.1 ± 0.58	NC	**1.12 ± 0.61**	<1.1 ± 0.61	NC	<1.0 ± 0.56	**1.32 ± 0.61**	NC
Uranium 235 and 236	<0.43 ± 0.25	<0.4 ± 0.21	NC	<0.41 ± 0.22	<0.41 ± 0.23	NC	<0.34 ± 0.19	<0.39 ± 0.21	NC

TABLE C-3

FIELD REPLICATE SAMPLE DATA SUMMARY FOR 0T-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

Field Sample Identification	TS5-SS-112-0000	TS5-SS-112A-0000		TS5-SS-122-0000	TS5-SS-122A-0000		TS5-SS-132-0000	TS5-SS-132A-0000	
Date Collected	10/2/2003	10/2/2003		10/2/2003	10/2/2003		10/2/2003	10/2/2003	
Depth (ft)	0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50	
Matrix	Soil	Soil		Soil	Soil		Soil	Soil	
Analyte/Methods (Units)			RPD			RPD			RPD
Radionuclides/E901.1 (pCi/g)									
Actinium-228	**1.16 ± 0.39**	**1.27 ± 0.39**	9.1	**1.13 ± 0.37**	**0.96 ± 0.33**	16.3	**1.0 ± 0.33**	**0.84 ± 0.28**	17.4
Bismuth-212	<0.99 ± 0.52	<1.2 ± 0.58	NC	**0.79 ± 0.51**	<0.92 ± 0.46	NC	<1.1 ± 0.53	<0.95 ± 0.47	NC
Bismuth-214	**1.07 ± 0.28**	**1.04 ± 0.27**	2.8	**0.91 ± 0.26**	**0.87 ± 0.24**	4.5	**0.92 ± 0.22**	**0.63 ± 0.22**	37.4
Cesium-137	<0.09 ± 0.068	<0.087 ± 0.05	NC	**0.59 ± 0.14**	<0.087 ± 0.053	NC	**0.122 ± 0.088**	<0.095 ± 0.059	NC
Cobalt-60	<0.11 ± 0.064	<0.15 ± 0.073	NC	<0.11 ± 0.051	<0.086 ± 0.047	NC	<0.073 ± 0.051	<0.11 ± 0.051	NC
Lead-212	**1.29 ± 0.25**	**1.22 ± 0.27**	5.6	**0.86 ± 0.21**	**0.77 ± 0.19**	11.0	**1.04 ± 0.2**	**0.82 ± 0.21**	23.7
Lead-214	**0.81 ± 0.18**	**0.92 ± 0.22**	12.7	**0.96 ± 0.21**	**0.9 ± 0.19**	6.5	**0.98 ± 0.18**	**0.96 ± 0.19**	2.1
Potassium-40	**15.4 ± 3.1**	**13 ± 3**	16.9	**16.1 ± 3.4**	**15.2 ± 3.2**	5.8	**17.4 ± 3.4**	**17.9 ± 3.3**	2.8
Radium-224	**5.3 ± 3.3**	**3.3 ± 2.3**	46.5	<2.0 ± 1.3	**3.5 ± 2.3**	NC	**4.2 ± 2.6**	**2.1 ± 1.6**	**66.7**
Radium-226	**2.3 ± 01± 1**	<1.5 ± 1.3	NC	<1.8 ± 0.93	**1.6 ± 1.1**	NC	<1.6 ± 0.85	**2.4 ± 1.3**	NC
Thallium-208	**0.42 ± 0.12**	**0.49 ± 0.14**	15.4	**0.4 ± 0.12**	**0.41 ± 0.11**	2.5	**0.3 ± 0.11**	**0.254 ± 0.094**	16.6
Thorium-234	<1.1 ± 0.62	**1.78 ± 0.72**	NC	**1.27 ± 0.68**	<1.0 ± 0.61	NC	**1.53 ± 0.85**	<1.0 ± 0.64	NC
Uranium 235 and 236	<0.43 ± 0.24	<0.46 ± 0.27	NC	<0.47 ± 0.26	<0.4 ± 0.22	NC	<0.39 ± 0.23	<0.37 ± 0.2	NC

TABLE C-3

FIELD REPLICATE SAMPLE DATA SUMMARY FOR 0T-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

Field Sample Identification	TS5-SS-142-0000	TS5-SS-142A-0000		TS5-SS-152-0000	TS5-SS-152A-0000		TS5-SS-162-0000	TS5-SS-162A-0000	
Date Collected	10/2/2003	10/2/2003		10/2/2003	10/2/2003		10/2/2003	10/2/2003	
Depth (ft)	0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50		0.00	0.00 - 0.50	
Matrix	Soil	Soil		Soil	Soil		Soil	Soil	
Analyte/Methods (Units)			RPD			RPD			RPD
Radionuclides/E901.1 (pCi/g)									
Actinium-228	**1.18 ± 0.45**	**0.99 ± 0.35**	17.5	**1.31 ± 0.38**	**1.11 ± 0.38**	16.5	**0.95 ± 0.29**	**0.7 ± 0.31**	30.3
Bismuth-212	<1.2 ± 0.59	<1.1 ± 0.5	NC	<0.75 ± 0.64	<1.3 ± 0.65	NC	<0.89 ± 0.43	<0.75 ± 0.37	NC
Bismuth-214	**0.98 ± 0.29**	**1.17 ± 0.31**	17.7	**1.14 ± 0.27**	**1.12 ± 0.3**	1.8	**0.69 ± 0.18**	**0.67 ± 0.22**	2.9
Cesium-137	<0.14 ± 0.062	<0.11 ± 0.062	NC	<0.11 ± 0.058	<0.12 ± 0.06	NC	<0.094 ± 0.043	<0.087 ± 0.048	NC
Cobalt-60	<0.13 ± 0.07	<0.13 ± 0.052	NC	<0.12 ± 0.062	<0.11 ± 0.058	NC	<0.072 ± 0.042	<0.1 ± 0.05	NC
Lead-212	**1.02 ± 0.22**	**1.08 ± 0.26**	5.7	**1.43 ± 0.26**	**1.27 ± 0.29**	11.9	**0.79 ± 0.16**	**0.82 ± 0.16**	3.7
Lead-214	**1.15 ± 0.23**	**1.2 ± 0.25**	4.3	**1.01 ± 0.22**	**1.09 ± 0.25**	7.6	**0.76 ± 0.14**	**0.74 ± 0.16**	2.7
Potassium-40	**15.8 ± 3.4**	**15 ± 3.2**	5.2	**15.3 ± 3.3**	**18 ± 3.7**	16.2	**15.8 ± 3.1**	**18.3 ± 3.4**	14.7
Radium-224	**2.7 ± 2**	**2.8 ± 2**	3.6	<1.4 ± 0.89	**4.0 ± 2.7**	NC	**2.4 ± 1.6**	<1.1 ± 0.73	NC
Radium-226	**2.4 ± 1.5**	**2.5 ± 1.4**	4.1	**1.9 ± 1.3**	<2.0 ± 01± 1	NC	<1.4 ± 0.71	<1.4 ± 0.76	NC
Thallium-208	**0.34 ± 0.12**	**0.44 ± 0.14**	25.6	**0.56 ± 0.15**	**0.51 ± 0.13**	9.3	**0.23 ± 0.083**	**0.34 ± 0.11**	38.6
Thorium-234	<1.2 ± 0.66	<1.3 ± 0.68	NC	<1.2 ± 1.1	<1.2 ± 0.68	NC	<0.89 ± 0.48	**1.05 ± 0.55**	NC
Uranium 235 and 236	<0.43 ± 0.26	<0.53 ± 0.3	NC	<0.43 ± 0.23	<0.48 ± 0.26	NC	<0.35 ± 0.18	<0.32 ± 0.18	NC

TABLE C-3

FIELD REPLICATE SAMPLE DATA SUMMARY FOR 0T-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

Field Sample Identification	TS5-SS-172-0000	TS5-SS-172A-0000		TS5-SS-182-0000	TS5-SS-182A-0000		TS5-SS-192-0000	TS5-SS-192A-0000	
Date Collected	10/3/2003	10/3/2003		10/2/2003	10/2/2003		10/6/2003	10/6/2003	
Depth (ft)	0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50	
Matrix	Soil	Soil		Soil	Soil		Soil	Soil	
Analyte/Methods (Units)			RPD			RPD			RPD
Radionuclides/E901.1 (pCi/g)									
Actinium-228	**0.88 ± 0.29**	**0.58 ± 0.24**	41.1	**1.04 ± 0.33**	**1.12 ± 0.32**	7.4	**1.0 ± 0.31**	**1.06 ± 0.31**	5.8
Bismuth-212	<0.81 ± 0.39	<0.73 ± 0.35	NC	<1.1 ± 0.51	<1.0 ± 0.48	NC	**1.02 ± 0.5**	<1.1 ± 0.54	NC
Bismuth-214	**0.76 ± 0.21**	**0.7 ± 0.17**	8.2	**0.84 ± 0.24**	**1.14 ± 0.3**	30.3	**0.78 ± 0.22**	**0.95 ± 0.24**	19.7
Cesium-137	**0.209 ± 0.081**	**0.123 ± 0.075**	**51.8**	<0.16 ± 0.079	**0.239 ± 0.092**	NC	<0.11 ± 0.057	<0.13 ± 0.065	NC
Cobalt-60	<0.11 ± 0.05	<0.099 ± 0.047	NC	<0.14 ± 0.062	<0.11 ± 0.055	NC	<0.11 ± 0.054	<0.12 ± 0.064	NC
Lead-212	**0.72 ± 0.16**	**0.71 ± 0.16**	1.4	**0.91 ± 0.19**	**0.84 ± 0.19**	8.0	**0.98 ± 0.21**	**1.04 ± 0.23**	5.9
Lead-214	**0.76 ± 0.16**	**0.68 ± 0.16**	11.1	**0.97 ± 0.2**	**0.88 ± 0.19**	9.7	**0.78 ± 0.17**	**0.83 ± 0.19**	6.2
Potassium-40	**16.6 ± 3.1**	**16.4 ± 3**	1.2	**16.5 ± 3.3**	**15.9 ± 3.3**	3.7	**13.2 ± 2.7**	**15 ± 3.1**	12.8
Radium-224	**2.2 ± 1.6**	**1.9 ± 1.4**	14.6	<1.9 ± 1.5	**2.6 ± 1.9**	NC	**3.6 ± 2.3**	**2.2 ± 1.7**	48.3
Radium-226	**1.37 ± 0.86**	<1.4 ± 0.71	NC	<1.8 ± 0.93	<1.6 ± 0.92	NC	**1.4 ± 1.1**	<1.8 ± 0.94	NC
Thallium-208	**0.314 ± 0.093**	**0.223 ± 0.086**	33.9	**0.28 ± 0.11**	**0.3 ± 0.1**	6.9	**0.33 ± 0.11**	**0.34 ± 0.13**	3.0
Thorium-234	**1.05 ± 0.47**	<0.82 ± 0.49	NC	<1.1 ± 0.61	<1.1 ± 0.61	NC	**0.92 ± 0.53**	<1.1 ± 0.6	NC
Uranium 235 and 236	<0.31 ± 0.18	<0.33 ± 0.18	NC	<0.42 ± 0.24	<0.41 ± 0.23	NC	<0.37 ± 0.2	<0.45 ± 0.26	NC

TABLE C-3

FIELD REPLICATE SAMPLE DATA SUMMARY FOR 0T-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

Field Sample Identification	TS5-SS-202-0000	TS5-SS-202A-0000		TS5-SS-217-0000	TS5-SS-217A-0000		TS5-SS-227-0000	TS5-SS-227A-0000	
Date Collected	10/6/2003	10/6/2003		9/9/2003	9/9/2003		9/11/2003	9/11/2003	
Depth (ft)	0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50	
Matrix	Soil	Soil		Soil	Soil		Soil	Soil	
Analyte/Methods (Units)			RPD			RPD			RPD
Radionuclides/E901.1 (pCi/g)									
Actinium-228	**0.75 ± 0.27**	**0.86 ± 0.28**	13.7	**1.38 ± 0.37**	**1.21 ± 0.46**	13.1	**0.73 ± 0.27**	**0.68 ± 0.31**	7.1
Bismuth-212	<0.79 ± 0.38	<0.89 ± 0.45	NC	<1.0 ± 0.5	<0.98 ± 0.47	NC	**0.75 ± 0.48**	<0.93 ± 0.46	NC
Bismuth-214	**0.55 ± 0.2**	**0.86 ± 0.22**	44.0	**0.83 ± 0.24**	**1.11 ± 0.3**	28.9	**1.06 ± 0.29**	**0.79 ± 0.23**	29.2
Cesium-137	**0.31 ± 0.11**	**0.27 ± 0.11**	13.8	<0.11 ± 0.054	<0.11 ± 0.055	NC	<0.072 ± 0.039	<0.077 ± 0.046	NC
Cobalt-60	<0.12 ± 0.054	<0.1 ± 0.048	NC	<0.11 ± 0.046	<0.093 ± 0.049	NC	<0.11 ± 0.062	<0.11 ± 0.051	NC
Lead-212	**0.83 ± 0.17**	**0.73 ± 0.18**	12.8	**0.91 ± 0.2**	**1.01 ± 0.23**	10.4	**0.67 ± 0.19**	**0.81 ± 0.16**	18.9
Lead-214	**0.87 ± 0.16**	**0.78 ± 0.16**	10.9	**0.96 ± 0.2**	**0.91 ± 0.21**	5.3	**0.9 ± 0.21**	**1.06 ± 0.19**	16.3
Potassium-40	**14.9 ± 3**	**14.8 ± 3.1**	0.7	**14.4 ± 3**	**13.6 ± 2.9**	5.7	**12.1 ± 2.7**	**14.4 ± 2.9**	17.4
Radium-224	**2.2 ± 1.5**	**3.7 ± 2.4**	**50.8**	**4.0 ± 2.5**	**3.2 ± 2.2**	22.2	**2.3 ± 1.8**	**3.4 ± 2.2**	38.6
Radium-226	**1.11 ± 0.75**	**1.7 ± 1.1**	42.0	<1.7 ± 0.86	<1.9 ± 01± 1	NC	<1.8 ± 0.96	<1.5 ± 0.79	NC
Thallium-208	**0.292 ± 0.096**	**0.3 ± 0.1**	2.7	**0.38 ± 0.11**	**0.45 ± 0.13**	16.9	**0.36 ± 0.11**	**0.311 ± 0.092**	14.6
Thorium-234	<0.95 ± 0.51	<0.96 ± 0.53	NC	**1.4 ± 0.64**	**1.29 ± 0.63**	8.2	<1.1 ± 0.61	<0.99 ± 0.54	NC
Uranium 235 and 236	<0.35 ± 0.19	<0.37 ± 0.2	NC	<0.41 ± 0.22	<0.41 ± 0.23	NC	<0.42 ± 0.23	<0.34 ± 0.18	NC

TABLE C-3

FIELD REPLICATE SAMPLE DATA SUMMARY FOR 0T-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

Field Sample Identification	TS5-SS-231-0000	TS5-SS-231A-0000		TS5-SS-241-0000	TS5-SS-241A-0000		TS5-SS-249-0000	TS5-SS-249A-0000	
Date Collected	9/16/2003	9/16/2003		9/16/2003	9/16/2003		9/18/2003	9/18/2003	
Depth (ft)	0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50	
Matrix	Soil	Soil		Soil	Soil		Soil	Soil	
Analyte/Methods (Units)			RPD			RPD			RPD
Radionuclides/E901.1 (pCi/g)									
Actinium-228	**0.95 ± 0.43**	**1.03 ± 0.36**	8.1	**1.1 ± 0.42**	**0.81 ± 0.3**	30.4	**0.82 ± 0.31**	**0.69 ± 0.3**	17.2
Bismuth-212	<1.0 ± 0.49	<0.89 ± 0.44	NC	**0.6 ± 0.47**	<0.89 ± 0.45	NC	<0.96 ± 0.48	<1.1 ± 0.5	NC
Bismuth-214	**0.83 ± 0.24**	**0.74 ± 0.23**	11.5	**0.75 ± 0.2**	**0.7 ± 0.22**	6.9	**0.86 ± 0.23**	**0.96 ± 0.26**	11.0
Cesium-137	<0.088 ± 0.045	<0.086 ± 0.045	NC	<0.085 ± 0.044	<0.085 ± 0.048	NC	<0.082 ± 0.046	<0.11 ± 0.059	NC
Cobalt-60	<0.099 ± 0.056	<0.086 ± 0.046	NC	<0.11 ± 0.049	<0.1 ± 0.05	NC	<0.12 ± 0.049	<0.14 ± 0.066	NC
Lead-212	**0.88 ± 0.18**	**0.71 ± 0.18**	21.4	**0.73 ± 0.17**	**0.8 ± 0.17**	9.2	**0.81 ± 0.17**	**0.8 ± 0.17**	1.2
Lead-214	**1.16 ± 0.21**	**0.84 ± 0.2**	32.0	**0.82 ± 0.17**	**0.68 ± 0.15**	18.7	**0.93 ± 0.18**	**1.18 ± 0.21**	23.7
Potassium-40	**16.2 ± 3.2**	**16.1 ± 3.2**	0.6	**14.9 ± 2.8**	**15.3 ± 2.9**	2.6	**15.6 ± 3**	**15.2 ± 3.4**	2.6
Radium-224	**2.8 ± 1.9**	**2.1 ± 1.6**	28.6	<1.6 ± 1.2	**3.9 ± 2.5**	NC	**2.6 ± 1.8**	**2.3 ± 1.5**	12.2
Radium-226	**3.2 ± 1.5**	**1.3 ± 1.3**	**84.4**	**1.37 ± 0.77**	<1.1 ± 0.95	NC	<1.2 ± 0.83	<1.9 ± 0.99	NC
Thallium-208	**0.27 ± 0.1**	**0.36 ± 0.11**	28.6	**0.35 ± 0.11**	**0.268 ± 0.093**	26.5	**0.33 ± 0.11**	**0.36 ± 0.11**	8.7
Thorium-234	<1.1 ± 0.59	<1.1 ± 0.59	NC	<0.92 ± 0.49	<0.9 ± 0.49	NC	<1.0 ± 0.55	<1.1 ± 0.63	NC
Uranium 235 and 236	<0.42 ± 0.23	<0.42 ± 0.23	NC	<0.33 ± 0.17	<0.34 ± 0.19	NC	<0.33 ± 0.19	<0.42 ± 0.24	NC

TABLE C-3

FIELD REPLICATE SAMPLE DATA SUMMARY FOR 0T-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

Field Sample Identification	TS6-SS-26-0000	TS6-SS-26A-0000		TS6-SS-45-0000	TS6-SS-45A-0000		TS6-SS-54-0000	TS6-SS-54A-0000	
Date Collected	8/28/2003	8/28/2003		8/28/2003	8/28/2003		10/6/2003	10/6/2003	
Depth (ft)	0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50	
Matrix	Soil	Soil		Soil	Soil		Soil	Soil	
Analyte/Methods (Units)			RPD			RPD			RPD
Radionuclides/E901.1 (pCi/g)									
Actinium-228	**2.69 ± 0.62**	**3.29 ± 0.75**	20.1	**1.14 ± 0.35**	**0.81 ± 0.31**	33.8	**0.61 ± 0.29**	**0.48 ± 0.21**	23.9
Bismuth-212	**1.94 ± 0.81**	**2.52 ± 0.93**	26.0	<0.9 ± 0.44	<1.4 ± 0.62	NC	<0.78 ± 0.37	<0.59 ± 0.29	NC
Bismuth-214	**1.14 ± 0.3**	**0.98 ± 0.27**	15.1	**0.85 ± 0.24**	**0.98 ± 0.28**	14.2	**0.56 ± 0.17**	**0.73 ± 0.18**	26.4
Cesium-137	<0.13 ± 0.067	<0.13 ± 0.069	NC	<0.11 ± 0.061	<0.11 ± 0.061	NC	<0.065 ± 0.033	<0.067 ± 0.033	NC
Cobalt-60	<0.14 ± 0.061	<0.12 ± 0.059	NC	<0.13 ± 0.069	<0.11 ± 0.041	NC	<0.063 ± 0.043	<0.079 ± 0.036	NC
Lead-212	**2.71 ± 0.47**	**2.79 ± 0.48**	2.9	**0.87 ± 0.2**	**0.99 ± 0.24**	12.9	**0.42 ± 0.12**	**0.329 ± 0.079**	24.3
Lead-214	**1.07 ± 0.23**	**0.95 ± 0.2**	11.9	**1.32 ± 0.25**	**1.02 ± 0.24**	25.6	**0.64 ± 0.15**	**0.69 ± 0.13**	7.5
Potassium-40	**14.7 ± 3.2**	**14.4 ± 2.9**	2.1	**16.9 ± 3.4**	**17.4 ± 3.6**	2.9	**12 ± 2.4**	**7.9 ± 1.7**	41.2
Radium-224	**1.8 ± 1.1**	**2.0 ± 01± 1**	10.5	**2.8 ± 2.1**	**3.0 ± 2.2**	6.9	<1.5 ± 1.2	<1.1 ± 0.84	NC
Radium-226	**1.7 ± 1.4**	**2.1 ± 1.4**	21.1	**3.0 ± 1.3**	<2.1 ± 1.1	NC	<1.5 ± 0.73	**1.2 ± 0.59**	NC
Thallium-208	**0.81 ± 0.2**	**1.13 ± 0.24**	33.0	**0.3 ± 0.11**	**0.33 ± 0.13**	9.5	**0.176 ± 0.074**	**0.169 ± 0.066**	4.1
Thorium-234	**2.45 ± 0.87**	**2.54 ± 0.81**	3.6	**1.4 ± 0.73**	<1.4 ± 0.73	NC	<0.83 ± 0.43	<0.6 ± 0.32	NC
Uranium 235 and 236	<0.5 ± 0.28	<0.49 ± 0.28	NC	<0.44 ± 0.24	<0.45 ± 0.29	NC	<0.33 ± 0.18	<0.25 ± 0.14	NC

TABLE C-3

FIELD REPLICATE SAMPLE DATA SUMMARY FOR 0T-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

Field Sample Identification	TS6-SS-64-0000	TS6-SS-64A-0000		TS6-SS-74-0000	TS6-SS-74A-0000		TS6-SS-84-0000	TS6-SS-84A-0000	
Date Collected	9/25/2003	9/25/2003		9/25/2003	9/25/2003		9/25/2003	9/25/2003	
Depth (ft)	0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50	
Matrix	Soil	Soil		Soil	Soil		Soil	Soil	
Analyte/Methods (Units)			RPD			RPD			RPD
Radionuclides/E901.1 (pCi/g)									
Actinium-228	**0.85 ± 0.27**	<0.6 ± 0.31	NC	**0.78 ± 0.23**	**0.58 ± 0.26**	29.4	**0.79 ± 0.28**	**1.14 ± 0.45**	36.3
Bismuth-212	<0.83 ± 0.4	<0.97 ± 0.46	NC	<0.6 ± 0.46	<0.93 ± 0.44	NC	<0.82 ± 0.42	<0.98 ± 0.47	NC
Bismuth-214	**0.79 ± 0.2**	**0.87 ± 0.22**	9.6	**0.63 ± 0.18**	**0.83 ± 0.22**	27.4	**0.96 ± 0.26**	**0.98 ± 0.29**	2.i
Cesium-137	<0.098 ± 0.05	<0.13 ± 0.062	NC	<0.062 ± 0.032	<0.078 ± 0.039	NC	<0.1 ± 0.054	<0.097 ± 0.052	NC
Cobalt-60	<0.12 ± 0.063	<0.1 ± 0.051	NC	<0.1 ± 0.046	<0.084 ± 0.041	NC	<0.1 ± 0.052	<0.13 ± 0.061	NC
Lead-212	**0.61 ± 0.15**	**0.65 ± 0.17**	6.3	**0.61 ± 0.13**	**0.69 ± 0.17**	12.3	**0.82 ± 0.18**	**0.65 ± 0.18**	23.1
Lead-214	**0.85 ± 0.18**	**0.83 ± 0.19**	2.4	**0.74 ± 0.14**	**0.79 ± 0.16**	6.5	**0.85 ± 0.2**	**1.13 ± 0.23**	28.3
Potassium-40	**14.7 ± 2.8**	**15.4 ± 3.1**	4.7	**14.1 ± 2.7**	**14 ± 2.7**	0.7	**14.8 ± 3.2**	**15.6 ± 3.2**	5.3
Radium-224	**2 ± 1.4**	**2.6 ± 1.9**	26.1	**2.4 ± 1.6**	**1.8 ± 1.4**	28.6	**2.8 ± 1.9**	**2.7 ± 2**	3.6
Radium-226	**1.37 ± 0.88**	<1.3 ± 0.99	NC	**1.3 ± 0.85**	**3 ± 1.3**	79.1	**1.9 ± 1.1**	**2.5 ± 01± 1**	27.3
Thallium-208	**0.277 ± 0.092**	**0.34 ± 0.11**	20.4	**0.253 ± 0.082**	**0.254 ± 0.091**	0.4	**0.3 ± 0.11**	**0.34 ± 0.13**	12.5
Thorium-234	<0.88 ± 0.48	<0.96 ± 0.52	NC	**1.04 ± 0.49**	**1 ± 0.52**	3.9	<1.1 ± 0.6	<1.1 ± 0.74	NC
Uranium 235 and 236	<0.31 ± 0.17	<0.41 ± 0.22	NC	<0.29 ± 0.16	<0.34 ± 0.18	NC	<0.4 ± 0.22	<0.43 ± 0.24	NC

TABLE C-3

FIELD REPLICATE SAMPLE DATA SUMMARY FOR 0T-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

Field Sample Identification	TS6-SS-94-0000	TS6-SS-94A-0000		TS6-SS-104-0000	TS6-SS-104A-0000		TS6-SS-114-0000	TS6-SS-114A-0000	
Date Collected	9/25/2003	9/25/2003		10/6/2003	10/6/2003		9/25/2003	9/25/2003	
Depth (ft)	0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50	
Matrix	Soil	Soil		Soil	Soil		Soil	Soil	
Analyte/Methods (Units)			RPD			RPD			RPD
Radionuclides/E901.1 (pCi/g)									
Actinium-228	**0.74 ± 0.23**	**0.66 ± 0.25**	11.4	<0.4 ± 0.21	**0.55 ± 0.3**	NC	**0.55 ± 0.25**	**0.69 ± 0.26**	22.6
Bismuth-212	<0.64 ± 0.3	<0.68 ± 0.34	NC	<0.65 ± 0.32	<0.63 ± 0.31	NC	**0.63 ± 0.39**	<0.95 ± 0.45	NC
Bismuth-214	**0.58 ± 0.15**	**0.41 ± 0.15**	34.3	**0.36 ± 0.14**	**0.39 ± 0.14**	8.0	**0.89 ± 0.22**	**0.8 ± 0.23**	10.7
Cesium-137	<0.08 ± 0.041	<0.078 ± 0.04	NC	<0.061 ± 0.035	<0.082 ± 0.038	NC	<0.11 ± 0.053	<0.13 ± 0.063	NC
Cobalt-60	<0.074 ± 0.031	<0.079 ± 0.035	NC	<0.073 ± 0.033	<0.06 ± 0.036	NC	<0.12 ± 0.056	<0.11 ± 0.053	NC
Lead-212	**0.54 ± 0.1**	**0.59 ± 0.13**	8.8	**0.44 ± 0.12**	**0.34 ± 0.11**	25.6	**0.56 ± 0.16**	**0.72 ± 0.19**	25.0
Lead-214	**0.68 ± 0.11**	**0.53 ± 0.12**	24.8	**0.47 ± 0.11**	**0.45 ± 0.12**	4.3	**0.86 ± 0.18**	**0.96 ± 0.21**	11.0
Potassium-40	**11.6 ± 1.9**	**10.7 ± 2.3**	8.1	**13.8 ± 2.6**	**10.8 ± 2.3**	24.4	**16.3 ± 3**	**14.9 ± 3.2**	9.0
Radium-224	**2.1 ± 1.4**	**2.9 ± 1.9**	32.0	**1.8 ± 1.2**	<1.3 ± 0.86	NC	**2.7 ± 1.8**	**2.2 ± 1.7**	20.4
Radium-226	**1.6 ± 1.1**	**1.48 ± 0.79**	7.8	<1.0 ± 0.54	<1.1 ± 0.57	NC	<1.1 ± 0.82	**1.4 ± 1.2**	NC
Thallium-208	**0.18 ± 0.065**	**0.222 ± 0.083**	20.9	**0.172 ± 0.063**	**0.167 ± 0.062**	2.9	**0.233 ± 0.074**	**0.27 ± 0.11**	14.7
Thorium-234	**0.82 ± 0.41**	<0.74 ± 0.4	NC	<0.69 ± 0.37	<0.77 ± 0.54	NC	<0.94 ± 0.51	<1.1 ± 0.59	NC
Uranium 235 and 236	<0.29 ± 0.16	<0.31 ± 0.17	NC	<0.25 ± 0.14	<0.32 ± 0.18	NC	<0.36 ± 0.19	<0.41 ± 0.23	NC

TABLE C-3

FIELD REPLICATE SAMPLE DATA SUMMARY FOR 0T-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

Field Sample Identification	TS6-SS-124-0000	TS6-SS-124A-0000		TS6-SS-134-0000	TS6-SS-134A-0000		TS6-SS-144-0000	TS6-SS-144A-0000	
Date Collected	9/25/2003	9/25/2003		10/3/2003	10/3/2003		9/25/2003	9/25/2003	
Depth (ft)	0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50	
Matrix	Soil	Soil		Soil	Soil		Soil	Soil	
Analyte/Methods (Units)			RPD			RPD			RPD
Radionuclides/E901.1 (pCi/g)									
Actinium-228	**0.45 ± 0.24**	**0.29 ± 0.15**	43.2	<0.47 ± 0.24	**0.62 ± 0.22**	NC	**0.65 ± 0.21**	**0.74 ± 0.23**	12.9
Bismuth-212	<0.59 ± 0.28	<0.51 ± 0.26	NC	<0.73 ± 0.34	<0.76 ± 0.35	NC	<0.69 ± 0.34	<0.78 ± 0.38	NC
Bismuth-214	**0.44 ± 0.16**	**0.4 ± 0.12**	9.5	**0.47 ± 0.14**	**0.44 ± 0.15**	6.6	**0.58 ± 0.18**	**0.63 ± 0.17**	8.3
Cesium-137	<0.087 ± 0.045	<0.06 ± 0.033	NC	<0.084 ± 0.039	<0.078 ± 0.037	NC	**0.081 ± 0.068**	<0.075 ± 0.046	NC
Cobalt-60	<0.068 ± 0.04	<0.058 ± 0.032	NC	<0.087 ± 0.035	<0.06 ± 0.036	NC	<0.057 ± 0.031	<0.093 ± 0.042	NC
Lead-212	**0.42 ± 0.11**	**0.314 ± 0.095**	28.9	**0.46 ± 0.1**	**0.42 ± 0.12**	9.1	**0.66 ± 0.14**	**0.67 ± 0.16**	1.5
Lead-214	**0.52 ± 0.13**	**0.309 ± 0.095**	**50.9**	**0.46 ± 0.12**	**0.47 ± 0.12**	2.2	**0.75 ± 0.15**	**0.73 ± 0.15**	2.7
Potassium-40	**13.6 ± 2.6**	**8.6 ± 1.9**	45.0	**8.2 ± 1.8**	**14.2 ± 2.8**	**53.6**	**14.8 ± 2.8**	**14.9 ± 2.8**	0.7
Radium-224	**2 ± 1.4**	**1.9 ± 1.2**	5.1	<0.92 ± 0.56	**1.4 ± 1.1**	NC	**2.3 ± 1.5**	**1.7 ± 1.3**	30.0
Radium-226	<1.2 ± 0.64	<0.95 ± 0.51	NC	<1.2 ± 0.61	<1.2 ± 0.63	NC	**1.29 ± 0.82**	<1.0 ± 0.88	NC
Thallium-208	**0.193 ± 0.073**	**0.122 ± 0.056**	45.1	**0.187 ± 0.076**	**0.189 ± 0.072**	1.1	**0.281 ± 0.085**	**0.237 ± 0.074**	17.0
Thorium-234	**0.72 ± 0.55**	<0.66 ± 0.35	NC	<0.73 ± 0.4	<0.74 ± 0.4	NC	<0.85 ± 0.46	<0.78 ± 0.48	NC
Uranium 235 and 236	<0.3 ± 0.16	<0.24 ± 0.13	NC	<0.24 ± 0.15	<0.3 ± 0.17	NC	<0.32 ± 0.17	<0.32 ± 0.17	NC

TABLE C-3

FIELD REPLICATE SAMPLE DATA SUMMARY FOR 0T-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

Field Sample Identification	TS6-SS-154-0000	TS6-SS-154A-0000		TS6-SS-164-0000	TS6-SS-164A-0000		TS6-SS-174-0000	TS6-SS-174A-0000	
Date Collected	9/25/2003	9/25/2003		9/26/2003	9/26/2003		9/30/2003	9/30/2003	
Depth (ft)	0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50	
Matrix	Soil	Soil		Soil	Soil		Soil	Soil	
Analyte/Methods (Units)			RPD			RPD			RPD
Radionuclides/E901.1 (pCi/g)									
Actinium-228	**0.64 ± 0.24**	**0.75 ± 0.28**	15.8	**1.75 ± 0.49**	**1.51 ± 0.42**	14.7	**1.54 ± 0.42**	**1.17 ± 0.41**	27.3
Bismuth-212	<0.77 ± 0.38	<0.65 ± 0.31	NC	<1.1 ± 0.54	**1.13 ± 0.56**	NC	**1.5 ± 0.64**	<1.0 ± 0.49	NC
Bismuth-214	**0.91 ± 0.21**	**0.6 ± 0.18**	41.1	**0.83 ± 0.24**	**0.84 ± 0.24**	1.2	**0.87 ± 0.29**	**0.79 ± 0.23**	9.6
Cesium-137	<0.092 ± 0.044	<0.091 ± 0.043	NC	<0.13 ± 0.079	<0.15 ± 0.072	NC	<0.13 ± 0.068	<0.1 ± 0.054	NC
Cobalt-60	<0.096 ± 0.048	<0.073 ± 0.037	NC	<0.12 ± 0.066	<0.13 ± 0.06	NC	<0.14 ± 0.061	<0.091 ± 0.046	NC
Lead-212	**0.68 ± 0.14**	**0.58 ± 0.15**	15.9	**1.8 ± 0.36**	**1.36 ± 0.26**	27.8	**1.53 ± 0.31**	**0.91 ± 0.23**	**50.8**
Lead-214	**0.87 ± 0.16**	**0.75 ± 0.16**	14.8	**0.79 ± 0.21**	**0.79 ± 0.2**	0.0	**1.1 ± 0.23**	**0.91 ± 0.2**	18.9
Potassium-40	**14 ± 2.8**	**15 ± 2.9**	6.9	**15.3 ± 3.2**	**15.9 ± 3.2**	3.8	**16.5 ± 3.3**	**11.8 ± 2.5**	33.2
Radium-224	**2.4 ± 1.6**	**2.1 ± 1.5**	13.3	**2.9 ± 2.1**	**2.0 ± 1.4**	36.7	**3.7 ± 2.5**	**3.3 ± 2.2**	11.4
Radium-226	**1.29 ± 0.85**	<1.3 ± 0.66	NC	<2.0 ± 01± 1	**1.99 ± 0.98**	NC	<1.6 ± 1.2	<1.7 ± 0.88	NC
Thallium-208	**0.234 ± 0.086**	**0.159 ± 0.085**	38.2	**0.58 ± 0.18**	**0.47 ± 0.14**	21.0	**0.56 ± 0.16**	**0.44 ± 0.12**	24.0
Thorium-234	<0.85 ± 0.45	<0.84 ± 0.44	NC	**1.62 ± 0.73**	<1.2 ± 0.66	NC	<1.3 ± 0.54	<1.1 ± 0.6	NC
Uranium 235 and 236	<0.3 ± 0.18	<0.33 ± 0.17	NC	<0.47 ± 0.26	<0.47 ± 0.27	NC	<0.5 ± 0.27	<0.41 ± 0.23	NC

TABLE C-3

FIELD REPLICATE SAMPLE DATA SUMMARY FOR 0T-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

Field Sample Identification	TS6-SS-184-0000	TS6-SS-184A-0000		TS6-SS-194-0000	TS6-SS-194A-0000		TS6-SS-204-0000	TS6-SS-204A-0000	
Date Collected	9/26/2003	9/26/2003		9/26/2003	9/26/2003		9/26/2003	9/26/2003	
Depth (ft)	0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50	
Matrix	Soil	Soil		Soil	Soil		Soil	Soil	
Analyte/Methods (Units)			**RPD**			**RPD**			**RPD**
Radionuclides/E901.1 (pCi/g)									
Actinium-228	**0.69 ± 0.23**	**0.51 ± 0.19**	30.0	**2.1 ± 0.55**	**1.2 ± 0.36**	**54.5**	**1.1 ± 0.42**	**1.01 ± 0.34**	8.5
Bismuth-212	<0.75 ± 0.37	**0.97 ± 0.51**	NC	**1.6 ± 0.59**	<1.0 ± 0.47	NC	<1.1 ± 0.53	<1.1 ± 0.51	NC
Bismuth-214	**0.56 ± 0.17**	**0.76 ± 0.2**	30.3	**0.72 ± 0.22**	**0.79 ± 0.21**	9.3	**1.12 ± 0.34**	**1.07 ± 0.32**	4.6
Cesium-137	<0.085 ± 0.042	<0.087 ± 0.044	NC	<0.096 ± 0.053	<0.078 ± 0.046	NC	<0.1 ± 0.063	<0.13 ± 0.068	NC
Cobalt-60	<0.087 ± 0.042	<0.056 ± 0.038	NC	<0.11 ± 0.062	<0.073 ± 0.044	NC	<0.12 ± 0.062	<0.14 ± 0.066	NC
Lead-212	**0.62 ± 0.14**	**0.44 ± 0.13**	34.0	**2.08 ± 0.35**	**1.12 ± 0.25**	**60.0**	**1.09 ± 0.23**	**1.17 ± 0.25**	7.1
Lead-214	**0.7 ± 0.15**	**0.79 ± 0.16**	12.1	**0.8 ± 0.16**	**0.69 ± 0.17**	14.8	**1.3 ± 0.25**	**1.17 ± 0.25**	10.5
Potassium-40	**14.4 ± 2.8**	**11.4 ± 2.2**	23.3	**15.4 ± 2.9**	**16.4 ± 3.2**	6.3	**16 ± 3.6**	**18 ± 3.6**	11.8
Radium-224	<1.5 ± 1.2	**3.2 ± 2**	NC	**3.2 ± 2**	**3.2 ± 2.2**	0.0	**3.8 ± 2.6**	**3.5 ± 2.4**	8.2
Radium-226	<1.4 ± 0.72	**1.3 ± 1.2**	NC	**1.87 ± 0.99**	<1.6 ± 0.84	NC	<2.4 ± 1.2	**1.7 ± 1.3**	NC
Thallium-208	**0.229 ± 0.077**	**0.177 ± 0.079**	25.6	**0.7 ± 0.17**	**0.39 ± 0.11**	**56.9**	**0.4 ± 0.13**	**0.48 ± 0.13**	18.2
Thorium-234	**1.01 ± 0.67**	<0.89 ± 0.48	NC	**1.76 ± 0.55**	**1.39 ± 0.6**	23.5	<1.4 ± 0.78	**1.33 ± 0.71**	NC
Uranium 235 and 236	<0.34 ± 0.18	<0.33 ± 0.18	NC	<0.46 ± 0.26	<0.37 ± 0.2	NC	<0.52 ± 0.3	<0.39 ± 0.21	NC

TABLE C-3

FIELD REPLICATE SAMPLE DATA SUMMARY FOR 0T-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

Field Sample Identification	TS6-SS-214-0000	TS6-SS-214A-0000		TS6-SS-224-0000	TS6-SS-224A-0000		TS6-SS-234-0000	TS6-SS-234A-0000	
Date Collected	10/3/2003	10/3/2003		9/26/2003	9/26/2003		9/26/2003	9/26/2003	
Depth (ft)	0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50	
Matrix	Soil	Soil		Soil	Soil		Soil	Soil	
Analyte/Methods (Units)			RPD			RPD			RPD
Radionuclides/E901.1 (pCi/g)									
Actinium-228	**0.64 ± 0.31**	**0.68 ± 0.29**	6.1	**1.24 ± 0.33**	**0.9 ± 0.29**	31.8	**1.25 ± 0.34**	**1.25 ± 0.37**	0.0
Bismuth-212	<1.1 ± 0.5	<0.87 ± 0.43	NC	**0.86 ± 0.45**	**0.96 ± 0.64**	11.0	<0.99 ± 0.5	<1.1 ± 0.5	NC
Bismuth-214	**0.99 ± 0.25**	**0.79 ± 0.24**	22.5	**0.58 ± 0.18**	**0.68 ± 0.2**	15.9	**1.07 ± 0.28**	**1.18 ± 0.36**	9.8
Cesium-137	<0.12 ± 0.058	<0.1 ± 0.054	NC	<0.1 ± 0.049	**0.159 ± 0.065**	NC	<0.099 ± 0.06	<0.14 ± 0.066	NC
Cobalt-60	<0.096 ± 0.039	<0.08 ± 0.046	NC	<0.077 ± 0.037	<0.075 ± 0.04	NC	<0.12 ± 0.062	<0.099 ± 0.05	NC
Lead-212	**0.81 ± 0.21**	**0.68 ± 0.16**	17.4	**1.02 ± 0.2**	**0.99 ± 0.2**	3.0	**1.2 ± 0.23**	**1.28 ± 0.28**	6.5
Lead-214	**0.91 ± 0.21**	**0.92 ± 0.19**	1.1	**0.64 ± 0.15**	**0.66 ± 0.15**	3.1	**1.16 ± 0.21**	**1.41 ± 0.28**	19.5
Potassium-40	**15.1 ± 3.3**	**15.5 ± 3.1**	2.6	**14.8 ± 2.9**	**13.2 ± 2.7**	11.4	**18.7 ± 3.7**	**16.5 ± 3.5**	12.5
Radium-224	**2.9 ± 2**	**3.3 ± 2.2**	12.9	**2.4 ± 1.6**	**3.5 ± 2.3**	37.3	**5.3 ± 3.3**	**3.0 ± 2.2**	**55.4**
Radium-226	<2.0 ± 0.995	**2.6 ± 1.2**	NC	<1.3 ± 0.69	<1.4 ± 0.76	NC	**1.7 ± 01± 1**	**2.9 ± 1.6**	**52.2**
Thallium-208	**0.36 ± 0.11**	**0.279 ± 0.094**	25.4	**0.32 ± 0.1**	**0.41 ± 0.12**	24.7	**0.33 ± 0.11**	**0.25 ± 0.12**	27.6
Thorium-234	<1.2 ± 0.61	<0.98 ± 0.39	NC	<0.82 ± 0.53	**1.16 ± 0.4**	NC	**1.78 ± 0.61**	<1.4 ± 0.72	NC
Uranium 235 and 236	<0.43 ± 0.26	<0.35 ± 0.19	NC	<0.29 ± 0.17	<0.34 ± 0.19	NC	<0.44 ± 0.24	<0.53 ± 0.31	NC

TABLE C-3

FIELD REPLICATE SAMPLE DATA SUMMARY FOR 0T-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

Field Sample Identification	TS6-SS-244-0000	TS6-SS-244A-0000		TS6-SS-254-0000	TS6-SS-254A-0000		TS6-SS-264-0000	TS6-SS-264A-0000	
Date Collected	9/26/2003	9/26/2003		9/26/2003	9/26/2003		9/27/2003	9/27/2003	
Depth (ft)	0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50	
Matrix	Soil	Soil		Soil	Soil		Soil	Soil	
Analyte/Methods (Units)			**RPD**			**RPD**			**RPD**
Radionuclides/E901.1 (pCi/g)									
Actinium-228	**0.75 ± 0.34**	**1.0 ± 0.31**	28.6	**1.73 ± 0.49**	**1.71 ± 0.48**	1.2	**1.14 ± 0.34**	**1.02 ± 0.3**	11.1
Bismuth-212	<0.97 ± 0.49	<1.0 ± 0.49	NC	**0.84 ± 0.89**	<1.3 ± 0.62	NC	**0.66 ± 0.57**	<0.83 ± 0.4	NC
Bismuth-214	**1.07 ± 0.26**	**1.36 ± 0.33**	23.9	**1.06 ± 0.31**	**0.96 ± 0.26**	9.9	**0.78 ± 0.19**	**0.62 ± 0.17**	22.9
Cesium-137	<0.1 ± 0.051	<0.1 ± 0.054	NC	<0.12 ± 0.067	<0.12 ± 0.068	NC	<0.088 ± 0.045	<0.091 ± 0.049	NC
Cobalt-60	<0.11 ± 0.062	<0.1 ± 0.056	NC	<0.09 ± 0.056	<0.11 ± 0.065	NC	<0.1 ± 0.05	<0.098 ± 0.045	NC
Lead-212	**0.87 ± 0.21**	**0.81 ± 0.18**	7.1	**1.74 ± 0.32**	**1.5 ± 0.33**	14.8	**1.06 ± 0.2**	**1.06 ± 0.22**	0.0
Lead-214	**1.04 ± 0.22**	**1.22 ± 0.22**	15.9	**1.18 ± 0.22**	**1.12 ± 0.26**	5.2	**0.68 ± 0.14**	**0.7 ± 0.15**	2.9
Potassium-40	**14.5 ± 2.9**	**13.5 ± 3.1**	7.1	**15.1 ± 3.4**	**17.6 ± 3.6**	15.3	**14.2 ± 2.7**	**15.9 ± 2.9**	11.3
Radium-224	**2.7 ± 2**	**2.5 ± 1.8**	7.7	**2.7 ± 1.8**	**3.9 ± 2.6**	36.4	**2.7 ± 1.7**	**2.2 ± 1.6**	20.4
Radium-226	<1.6 ± 0.83	**2.4 ± 1.2**	NC	<1.9 ± 01± 1	**2.4 ± 1.4**	NC	**1.25 ± 0.85**	<1.2 ± 01± 1	NC
Thallium-208	**0.265 ± 0.095**	**0.23 ± 0.11**	14.1	**0.66 ± 0.15**	**0.62 ± 0.18**	6.3	**0.323 ± 0.089**	**0.31 ± 0.11**	4.1
Thorium-234	**1.15 ± 0.62**	<1.2 ± 0.63	NC	**1.36 ± 0.54**	**2.03 ± 0.94**	39.5	<0.83 ± 0.53	<0.96 ± 0.52	NC
Uranium 235 and 236	<0.41 ± 0.22	<0.48 ± 0.26	NC	<0.46 ± 0.26	<0.51 ± 0.27	NC	<0.34 ± 0.19	<0.35 ± 0.19	NC

TABLE C-3

FIELD REPLICATE SAMPLE DATA SUMMARY FOR 0T-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

Field Sample Identification	TS6-SS-274-0000	TS6-SS-274A-0000		TS6-SS-284-0000	TS6-SS-284A-0000		TS6-SS-294-0000	TS6-SS-294A-0000	
Date Collected	9/27/2003	9/27/2003		9/27/2003	9/27/2003		9/30/2003	9/30/2003	
Depth (ft)	0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50	
Matrix	Soil	Soil		Soil	Soil		Soil	Soil	
Analyte/Methods (Units)			RPD			RPD			RPD
Radionuclides/E901.1 (pCi/g)									
Actinium-228	**1.41 ± 0.38**	**1.28 ± 0.37**	9.7	**2.43 ± 0.63**	**2.51 ± 0.63**	3.2	**1.18 ± 0.45**	**1.07 ± 0.35**	9.8
Bismuth-212	**1.03 ± 0.46**	<1.2 ± 0.58	NC	**1.5 ± 0.8**	**1.34 ± 0.75**	11.3	<1.1 ± 0.54	<0.87 ± 0.45	NC
Bismuth-214	**0.92 ± 0.23**	**0.83 ± 0.26**	10.3	**1.19 ± 0.32**	**1.03 ± 0.31**	14.4	**1.21 ± 0.33**	**1.0 ± 0.28**	19.0
Cesium-137	<0.11 ± 0.054	<0.1 ± 0.06	NC	<0.13 ± 0.069	<0.13 ± 0.073	NC	<0.12 ± 0.061	<0.11 ± 0.058	NC
Cobalt-60	<0.11 ± 0.053	<0.11 ± 0.054	NC	<0.093 ± 0.056	<0.14 ± 0.067	NC	<0.11 ± 0.05	<0.13 ± 0.06	NC
Lead-212	**1.01 ± 0.24**	**1.09 ± 0.25**	7.6	**1.8 ± 0.41**	**2.68 ± 0.49**	39.3	**0.95 ± 0.23**	**0.78 ± 0.21**	19.7
Lead-214	**0.8 ± 0.18**	**0.84 ± 0.21**	4.9	**1.19 ± 0.25**	**1.06 ± 0.25**	11.6	**1.22 ± 0.25**	**0.98 ± 0.23**	21.8
Potassium-40	**12.5 ± 2.7**	**16.7 ± 3.4**	28.8	**15.2 ± 3.2**	**13.6 ± 3.1**	11.1	**16.3 ± 3.3**	**14.8 ± 3.5**	9.6
Radium-224	**3.8 ± 2.5**	**3.7 ± 2.5**	2.7	**4.5 ± 3**	**5.7 ± 3.6**	23.5	**3.5 ± 2.3**	**4.5 ± 2.9**	25.0
Radium-226	<1.7 ± 0.87	<2.1 ± 1.1	NC	**2.6 ± 1.4**	**2.6 ± 1.8**	0.0	<1.9 ± 01± 1	**2.1 ± 01± 1**	NC
Thallium-208	**0.42 ± 0.13**	**0.47 ± 0.13**	11.2	**0.79 ± 0.2**	**1.02 ± 0.23**	25.4	**0.37 ± 0.14**	**0.27 ± 0.12**	31.3
Thorium-234	<0.99 ± 0.59	<1.2 ± 0.73	NC	**2.53 ± 0.95**	**1.88 ± 0.92**	29.5	<1.2 ± 0.66	<1.1 ± 0.62	NC
Uranium 235 and 236	<0.37 ± 0.2	<0.48 ± 0.27	NC	<0.53 ± 0.3	<0.59 ± 0.33	NC	<0.45 ± 0.24	<0.43 ± 0.24	NC

TABLE C-3

FIELD REPLICATE SAMPLE DATA SUMMARY FOR 0T-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

Field Sample Identification	TS6-SS-304-0000	TS6-SS-304A-0000		TS6-SS-314-0000	TS6-SS-314A-0000		TS6-SS-324-0000	TS6-SS-324A-0000	
Date Collected	10/10/2003	10/10/2003		9/27/2003	9/27/2003		9/27/2003	9/27/2003	
Depth (ft)	0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50	
Matrix	Soil	Soil		Soil	Soil		Soil	Soil	
Analyte/Methods (Units)			RPD			RPD			RPD
Radionuclides/E901.1 (pCi/g)									
Actinium-228	**1.2 ± 0.35**	**1.5 ± 0.4**	22.2	**1.2 ± 0.4**	**1.14 ± 0.39**	5.1	**0.75 ± 0.36**	**0.91 ± 0.38**	19.3
Bismuth-212	**0.83 ± 0.44**	**0.86 ± 0.54**	3.6	**1.0 ± 0.54**	<0.81 ± 0.56	NC	<0.99 ± 0.47	<1.0 ± 0.5	NC
Bismuth-214	**0.68 ± 0.2**	**0.49 ± 0.17**	32.5	**1.04 ± 0.28**	**0.99 ± 0.27**	4.9	**1.19 ± 0.32**	**1.12 ± 0.3**	6.1
Cesium-137	<0.14 ± 0.067	<0.087 ± 0.059	NC	<0.13 ± 0.067	<0.12 ± 0.062	NC	<0.1 ± 0.057	<0.083 ± 0.051	NC
Cobalt-60	<0.086 ± 0.047	<0.089 ± 0.05	NC	<0.13 ± 0.062	<0.15 ± 0.071	NC	<0.11 ± 0.057	<0.12 ± 0.052	NC
Lead-212	**1.09 ± 0.24**	**1.57 ± 0.27**	36.1	**1.27 ± 0.26**	**1.12 ± 0.22**	12.6	**0.89 ± 0.21**	**0.86 ± 0.21**	3.4
Lead-214	**0.92 ± 0.19**	**0.52 ± 0.12**	**55.6**	**1.23 ± 0.23**	**1.16 ± 0.21**	5.9	**1.11 ± 0.22**	**1.13 ± 0.24**	1.8
Potassium-40	**14.4 ± 2.8**	**12.5 ± 2.6**	14.1	**14 ± 2.8**	**16.6 ± 3.4**	17.0	**13.8 ± 3.1**	**13.1 ± 2.9**	5.2
Radium-224	**3.4 ± 2.3**	**2.2 ± 1.4**	42.9	**3.1 ± 2.2**	**5.5 ± 3.4**	**55.8**	**4.9 ± 3.1**	**2.7 ± 2**	**57.9**
Radium-226	<1.7 ± 0.9	**2.4 ± 1.4**	NC	**2.5 ± 1.3**	**2.2 ± 1.2**	12.8	**2.3 ± 1.3**	<1.9 ± 0.99	NC
Thallium-208	**0.52 ± 0.14**	**0.55 ± 0.14**	5.6	**0.45 ± 0.15**	**0.37 ± 0.12**	19.5	**0.35 ± 0.1**	**0.34 ± 0.13**	2.9
Thorium-234	**1.13 ± 0.64**	**1.27 ± 0.59**	11.7	<1.2 ± 0.64	<1.1 ± 0.6	NC	<1.2 ± 0.66	<1.3 ± 0.68	NC
Uranium 235 and 236	<0.4 ± 0.22	<0.35 ± 0.2	NC	<0.4 ± 0.23	<0.47 ± 0.25	NC	<0.42 ± 0.24	<0.45 ± 0.24	NC

TABLE C-3

FIELD REPLICATE SAMPLE DATA SUMMARY FOR 0T-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

Field Sample Identification	TS6-SS-334-0000	TS6-SS-334A-0000		TS6-SS-344-0000	TS6-SS-344A-0000		TS6-SS-354-0000	TS6-SS-354A-0000	
Date Collected	9/30/2003	9/30/2003		9/27/2003	9/27/2003		9/29/2003	9/29/2003	
Depth (ft)	0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50	
Matrix	Soil	Soil		Soil	Soil		Soil	Soil	
Analyte/Methods (Units)			RPD			RPD			RPD
Radionuclides/E901.1 (pCi/g)									
Actinium-228	**1.38 ± 0.39**	**1.27 ± 0.45**	8.3	**0.48 ± 0.17**	<0.45 ± 0.23	NC	**1.11 ± 0.43**	**0.87 ± 0.4**	24.2
Bismuth-212	<1.0 ± 0.54	**1.57 ± 0.61**	NC	<0.77 ± 0.36	<0.63 ± 0.29	NC	<1.2 ± 0.58	<0.78 ± 0.47	NC
Bismuth-214	**0.97 ± 0.27**	**0.95 ± 0.26**	2.1	**0.64 ± 0.18**	**0.48 ± 0.16**	28.6	**0.98 ± 0.29**	**1.04 ± 0.28**	5.9
Cesium-137	<0.12 ± 0.067	<0.098 ± 0.048	NC	<0.063 ± 0.06	<0.079 ± 0.038	NC	<0.096 ± 0.054	<0.12 ± 0.058	NC
Cobalt-60	<0.12 ± 0.065	<0.12 ± 0.054	NC	<0.071 ± 0.037	<0.089 ± 0.037	NC	<0.12 ± 0.062	<0.13 ± 0.067	NC
Lead-212	**1.28 ± 0.24**	**1.37 ± 0.28**	6.8	**0.43 ± 0.12**	**0.34 ± 0.1**	23.4	**1.08 ± 0.21**	**1.04 ± 0.21**	3.8
Lead-214	**1.15 ± 0.2**	**1.2 ± 0.24**	4.3	**0.68 ± 0.14**	**0.45 ± 0.12**	40.7	**1.17 ± 0.24**	**1.1 ± 0.21**	6.2
Potassium-40	**14.3 ± 3**	**18.7 ± 3.5**	26.7	**11.3 ± 2.3**	**10.2 ± 2.2**	10.2	**16.2 ± 3.2**	**17.2 ± 3.5**	6.0
Radium-224	**6.1 ± 3.8**	**4.3 ± 2.8**	34.6	<1.4 ± 1.1	**1.6 ± 1.2**	NC	<1.2 ± 0.96	**3.5 ± 2.3**	NC
Radium-226	<1.9 ± 01± 1	<1.7 ± 0.91	NC	<1.2 ± 0.64	<1.2 ± 0.64	NC	**2.1 ± 1.3**	**2.12 ± 0.81**	0.9
Thallium-208	**0.49 ± 0.14**	**0.56 ± 0.16**	13.3	**0.102 ± 0.06**	**0.164 ± 0.06**	46.6	**0.23 ± 0.12**	**0.33 ± 0.11**	35.7
Thorium-234	**1.8 ± 01± 1**	**1.6 ± 0.73**	11.8	<0.76 ± 0.4	<0.75 ± 0.51	NC	<1.2 ± 0.67	<1.2 ± 0.63	NC
Uranium 235 and 236	<0.43 ± 0.24	<0.39 ± 0.22	NC	<0.29 ± 0.16	<0.29 ± 0.15	NC	<0.41 ± 0.23	<0.37 ± 0.22	NC

TABLE C-3

FIELD REPLICATE SAMPLE DATA SUMMARY FOR 0T-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

Field Sample Identification	TS6-SS-364-0000	TS6-SS-364A-0000		TS6-SS-374-0000	TS6-SS-374A-0000		TS6-SS-384-0000	TS6-SS-384A-0000	
Date Collected	9/29/2003	9/29/2003		9/29/2003	9/29/2003		9/29/2003	9/29/2003	
Depth (ft)	0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50	
Matrix	Soil	Soil		Soil	Soil		Soil	Soil	
Analyte/Methods (Units)			RPD			RPD			RPD
Radionuclides/E901.1 (pCi/g)									
Actinium-228	**1.14 ± 0.35**	**0.98 ± 0.44**	15.1	**1.55 ± 0.5**	**1.1 ± 0.39**	34.0	**0.62 ± 0.25**	**0.89 ± 0.34**	35.8
Bismuth-212	<1.0 ± 0.5	<1.1 ± 0.53	NC	**0.82 ± 0.59**	**1.24 ± 0.57**	40.8	<0.73 ± 0.35	<0.86 ± 0.42	NC
Bismuth-214	**0.95 ± 0.25**	**0.82 ± 0.26**	14.7	**0.97 ± 0.26**	**0.97 ± 0.28**	0.0	**0.71 ± 0.22**	**0.73 ± 0.2**	2.8
Cesium-137	**0.106 ± 0.065**	<0.1 ± 0.056	NC	**0.188 ± 0.088**	**0.153 ± 0.078**	20.5	<0.08 ± 0.043	<0.078 ± 0.047	NC
Cobalt-60	<0.14 ± 0.063	<0.094 ± 0.055	NC	<0.088 ± 0.054	<0.11 ± 0.059	NC	<0.079 ± 0.036	<0.076 ± 0.045	NC
Lead-212	**1.14 ± 0.23**	**0.73 ± 0.19**	43.9	**1.45 ± 0.29**	**1.38 ± 0.27**	4.9	**0.58 ± 0.16**	**0.92 ± 0.21**	45.3
Lead-214	**0.98 ± 0.2**	**0.79 ± 0.2**	21.5	**0.9 ± 0.21**	**1.0 ± 0.21**	10.5	**0.58 ± 0.14**	**0.63 ± 0.16**	8.3
Potassium-40	**15.3 ± 3.2**	**14.5 ± 3.1**	5.4	**17 ± 3.3**	**15.5 ± 3.2**	9.2	**10.8 ± 2.3**	**13.5 ± 2.7**	22.2
Radium-224	**2.8 ± 1.9**	**3.0 ± 2.1**	6.9	**2.7 ± 2**	**2.4 ± 1.8**	11.8	**2.1 ± 1.5**	<1.8 ± 1.4	NC
Radium-226	<1.9 ± 01± 1	<1.3 ± 01± 1	NC	**1.7 ± 1.3**	**2.0 ± 1.4**	16.2	**1.38 ± 0.86**	<1.8 ± 0.92	NC
Thallium-208	**0.38 ± 0.12**	**0.28 ± 0.1**	30.3	**0.46 ± 0.14**	**0.48 ± 0.15**	4.3	**0.214 ± 0.078**	**0.37 ± 0.1**	53.4
Thorium-234	**1.55 ± 0.67**	<1.1 ± 0.66	NC	**1.23 ± 0.71**	<1.2 ± 0.65	NC	<0.93 ± 0.5	<1.1 ± 0.58	NC
Uranium 235 and 236	<0.46 ± 0.25	<0.47 ± 0.25	NC	<0.47 ± 0.27	<0.39 ± 0.23	NC	<0.34 ± 0.18	<0.35 ± 0.22	NC

TABLE C-3

FIELD REPLICATE SAMPLE DATA SUMMARY FOR 0T-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

Field Sample Identification	TS6-SS-394-0000	TS6-SS-394A-0000		TS6-SS-406-0000	TS6-SS-406A-0000		TS7-SS-22-0000	TS7-SS-22A-0000	
Date Collected	10/3/2003	10/3/2003		10/6/2003	10/6/2003		9/22/2003	9/22/2003	
Depth (ft)	0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50	
Matrix	Soil	Soil		Soil	Soil		Soil	Soil	
Analyte/Methods (Units)			RPD			RPD			RPD
Radionuclides/E901.1 (pCi/g)									
Actinium-228	**0.56 ± 0.2**	**0.54 ± 0.22**	3.6	**2.25 ± 0.54**	**1.81 ± 0.48**	21.7	**3.18 ± 0.71**	**3.27 ± 0.75**	2.8
Bismuth-212	<0.69 ± 0.32	<0.66 ± 0.33	NC	**1.51 ± 0.71**	**1.31 ± 0.6**	14.2	**2.12 ± 0.94**	**1.87 ± 0.79**	12.5
Bismuth-214	**0.55 ± 0.17**	**0.5 ± 0.16**	9.5	**1.13 ± 0.28**	**1.23 ± 0.29**	8.5	**0.77 ± 0.23**	**0.77 ± 0.24**	0.0
Cesium-137	**0.129 ± 0.056**	**0.119 ± 0.06**	8.1	<0.11 ± 0.059	<0.12 ± 0.064	NC	<0.16 ± 0.08	<0.14 ± 0.074	NC
Cobalt-60	<0.093 ± 0.047	<0.089 ± 0.042	NC	<0.11 ± 0.06	<0.091 ± 0.053	NC	<0.11 ± 0.052	<0.1 ± 0.053	NC
Lead-212	**0.57 ± 0.14**	**0.55 ± 0.12**	3.6	**1.96 ± 0.37**	**1.8 ± 0.35**	8.5	**2.96 ± 0.51**	**2.93 ± 0.51**	1.0
Lead-214	**0.63 ± 0.14**	**0.76 ± 0.14**	18.7	**1.34 ± 0.26**	**1.09 ± 0.25**	20.6	**0.84 ± 0.2**	**0.77 ± 0.2**	8.7
Potassium-40	**14.1 ± 2.7**	**12.7 ± 2.5**	10.4	**15.3 ± 3.2**	**15 ± 3**	2.0	**15.9 ± 3.2**	**18.8 ± 3.5**	16.7
Radium-224	**1.8 ± 1.4**	<1.6 ± 0.95	NC	**4.5 ± 3**	**5.0 ± 3.2**	10.5	**4.6 ± 3**	**2.8 ± 1.8**	48.6
Radium-226	**1.57 ± 0.88**	<1 ± 01± 1	NC	<2.1 ± 1.1	**2.7 ± 1.1**	NC	<2.1 ± 1.1	<2.0 ± 1.1	NC
Thallium-208	**0.189 ± 0.074**	**0.191 ± 0.069**	1.1	**0.77 ± 0.18**	**0.64 ± 0.17**	18.4	**0.92 ± 0.21**	**1.05 ± 0.22**	13.2
Thorium-234	<0.8 ± 0.43	<0.78 ± 0.42	NC	**2.39 ± 0.82**	**1.86 ± 0.62**	24.9	**1.8 ± 0.86**	**2.3 ± 1.2**	24.4
Uranium 235 and 236	<0.28 ± 0.15	<0.3 ± 0.17	NC	<0.48 ± 0.26	<0.48 ± 0.26	NC	<0.55 ± 0.31	<0.49 ± 0.28	NC

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FIELD REPLICATE SAMPLE DATA SUMMARY FOR 0T-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

Field Sample Identification	TS7-SS-32-0000	TS7-SS-32A-0000		TS7-SS-42-0000	TS7-SS-42A-0000		TS7-SS-52-0000	TS7-SS-52A-0000	
Date Collected	9/22/2003	9/22/2003		9/22/2003	9/22/2003		9/22/2003	9/22/2003	
Depth (ft)	0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50	
Matrix	Soil	Soil		Soil	Soil		Soil	Soil	
Analyte/Methods (Units)			**RPD**			**RPD**			**RPD**
Radionuclides/E901.1 (pCi/g)									
Actinium-228	**0.82 ± 0.27**	**0.92 ± 0.29**	11.5	**0.86 ± 0.33**	**0.94 ± 0.36**	8.9	**1.41 ± 0.37**	**1.64 ± 0.44**	15.1
Bismuth-212	<0.86 ± 0.41	<0.84 ± 0.41	NC	<0.88 ± 0.44	<0.95 ± 0.44	NC	**1.06 ± 0.52**	<0.94 ± 0.47	NC
Bismuth-214	**0.69 ± 0.18**	**0.7 ± 0.21**	1.4	**0.62 ± 0.21**	**0.9 ± 0.26**	36.8	**0.68 ± 0.21**	**0.9 ± 0.24**	27.8
Cesium-137	<0.097 ± 0.045	<0.1 ± 0.051	NC	<0.11 ± 0.056	<0.12 ± 0.056	NC	<0.092 ± 0.052	<0.099 ± 0.055	NC
Cobalt-60	<0.089 ± 0.046	<0.11 ± 0.049	NC	<0.13 ± 0.057	<0.1 ± 0.052	NC	<0.11 ± 0.061	<0.09 ± 0.045	NC
Lead-212	**1.01 ± 0.21**	**0.87 ± 0.19**	14.9	**0.83 ± 0.2**	**0.82 ± 0.19**	1.2	**1.23 ± 0.23**	**1.51 ± 0.29**	20.4
Lead-214	**0.85 ± 0.17**	**0.63 ± 0.15**	29.7	**0.89 ± 0.18**	**0.81 ± 0.19**	9.4	**0.61 ± 0.15**	**0.73 ± 0.17**	17.9
Potassium-40	**15.4 ± 2.9**	**14.4 ± 2.8**	6.7	**15.6 ± 2.9**	**16.5 ± 3.2**	5.6	**17 ± 2.9**	**13.8 ± 3**	20.8
Radium-224	**1.9 ± 1.5**	**2.8 ± 1.9**	38.3	**1.9 ± 1.5**	<1.9 ± 1.5	NC	**4.7 ± 2.9**	**5.8 ± 3.6**	21.0
Radium-226	<1.4 ± 0.71	<1.2 ± 0.89	NC	**1.75 ± 0.79**	<1.3 ± 1.2	NC	**1.9 ± 1.4**	<1.7 ± 0.9	NC
Thallium-208	**0.319 ± 0.093**	**0.309 ± 0.092**	3.2	**0.332 ± 0.097**	**0.26 ± 0.11**	24.3	**0.46 ± 0.12**	**0.58 ± 0.15**	23.1
Thorium-234	<0.9 ± 0.54	<0.86 ± 0.47	NC	**0.93 ± 0.52**	<1.1 ± 0.92	NC	**1.22 ± 0.63**	<1.1 ± 0.59	NC
Uranium 235 and 236	<0.35 ± 0.19	<0.32 ± 0.18	NC	<0.34 ± 0.19	<0.41 ± 0.23	NC	<0.42 ± 0.23	<0.39 ± 0.22	NC

TABLE C-3

FIELD REPLICATE SAMPLE DATA SUMMARY FOR 0T-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

Field Sample Identification	TS7-SS-62-0000	TS7-SS-62A-0000		TS7-SS-72-0000	TS7-SS-72A-0000		TS7-SS-82-0000	TS7-SS-82A-0000	
Date Collected	9/22/2003	9/22/2003		9/22/2003	9/22/2003		9/23/2003	9/23/2003	
Depth (ft)	0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50	
Matrix	Soil	Soil		Soil	Soil		Soil	Soil	
Analyte/Methods (Units)			RPD			RPD			RPD
Radionuclides/E901.1 (pCi/g)									
Actinium-228	**1.09 ± 0.3**	**0.89 ± 0.3**	20.2	**0.93 ± 0.31**	**0.89 ± 0.32**	4.4	**0.72 ± 0.29**	**0.73 ± 0.26**	1.4
Bismuth-212	<0.85 ± 0.41	<0.85 ± 0.41	NC	<0.68 ± 0.43	<0.76 ± 0.35	NC	<0.56 ± 0.44	<0.85 ± 0.41	NC
Bismuth-214	**0.67 ± 0.19**	**0.62 ± 0.2**	7.8	**0.68 ± 0.2**	**0.58 ± 0.16**	15.9	**0.61 ± 0.17**	**0.61 ± 0.24**	0.0
Cesium-137	<0.1 ± 0.046	<0.12 ± 0.06	NC	<0.081 ± 0.049	<0.07 ± 0.044	NC	<0.079 ± 0.041	<0.079 ± 0.046	NC
Cobalt-60	<0.11 ± 0.048	<0.11 ± 0.051	NC	<0.08 ± 0.046	<0.088 ± 0.038	NC	<0.1 ± 0.044	<0.093 ± 0.045	NC
Lead-212	**1.06 ± 0.22**	**0.77 ± 0.18**	31.7	**0.69 ± 0.18**	**0.65 ± 0.15**	6.0	**0.62 ± 0.16**	**0.7 ± 0.18**	12.1
Lead-214	**0.79 ± 0.17**	**0.9 ± 0.19**	13.0	**0.6 ± 0.16**	**0.65 ± 0.14**	8.0	**0.8 ± 0.16**	**0.82 ± 0.18**	2.5
Potassium-40	**16.9 ± 3.1**	**16.4 ± 3.2**	3.0	**14.8 ± 3**	**12 ± 2.4**	20.9	**16.2 ± 3**	**16.3 ± 3.3**	0.6
Radium-224	**2.8 ± 1.9**	**2.7 ± 1.9**	3.6	**2.7 ± 1.9**	**1.8 ± 1.3**	40.0	**1.7 ± 1.3**	**2.5 ± 1.7**	33.1
Radium-226	<1.4 ± 0.73	<1.6 ± 0.82	NC	<1.5 ± 0.81	**1.77 ± 0.77**	NC	<1.1 ± 0.92	**1.4 ± 1.5**	NC
Thallium-208	**0.32 ± 0.1**	**0.34 ± 0.11**	6.1	**0.235 ± 0.088**	**0.226 ± 0.07**	3.9	**0.215 ± 0.079**	**0.169 ± 0.08**	12.9
Thorium-234	<0.86 ± 0.46	<1.0 ± 0.58	NC	<0.98 ± 0.54	<0.83 ± 0.45	NC	<0.81 ± 0.45	<1.0 ± 0.54	NC
Uranium 235 and 236	<0.34 ± 0.19	<0.39 ± 0.22	NC	<0.36 ± 0.19	<0.34 ± 0.18	NC	<0.29 ± 0.16	<0.4 ± 0.22	NC

TABLE C-3

FIELD REPLICATE SAMPLE DATA SUMMARY FOR 0T-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

Field Sample Identification	TS7-SS-92-0000	TS7-SS-92A-0000		TS7-SS-102-0000	TS7-SS-102A-0000		TS7-SS-112-0000	TS7-SS-112A-0000	
Date Collected	9/23/2003	9/23/2003		9/22/2003	9/22/2003		9/22/2003	9/22/2003	
Depth (ft)	0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50	
Matrix	Soil	Soil		Soil	Soil		Soil	Soil	
Analyte/Methods (Units)			RPD			RPD			RPD
Radionuclides/E901.1 (pCi/g)									
Actinium-228	**0.68 ± 0.29**	**0.78 ± 0.28**	13.7	**1.29 ± 0.35**	**1.06 ± 0.38**	19.6	**2.07 ± 0.51**	**2.19 ± 0.51**	5.6
Bismuth-212	<0.91 ± 0.42	<0.81 ± 0.42	NC	**0.73 ± 0.53**	<0.61 ± 0.38	NC	**1.3 ± 0.57**	**1.88 ± 0.62**	36.5
Bismuth-214	**0.68 ± 0.22**	**0.71 ± 0.22**	4.3	**0.6 ± 0.2**	**0.74 ± 0.22**	20.9	**0.57 ± 0.22**	**0.68 ± 0.18**	17.6
Cesium-137	<0.076 ± 0.043	<0.081 ± 0.045	NC	<0.13 ± 0.065	<0.095 ± 0.078	NC	**0.115 ± 0.087**	**0.231 ± 0.093**	**67.1**
Cobalt-60	<0.09 ± 0.049	<0.093 ± 0.048	NC	<0.11 ± 0.056	<0.091 ± 0.045	NC	<0.12 ± 0.061	<0.12 ± 0.054	NC
Lead-212	**0.7 ± 0.17**	**0.58 ± 0.15**	18.8	**1.05 ± 0.22**	**0.92 ± 0.2**	13.2	**2.44 ± 0.44**	**1.78 ± 0.33**	31.3
Lead-214	**0.74 ± 0.16**	**0.63 ± 0.15**	16.1	**0.8 ± 0.18**	**0.77 ± 0.18**	3.8	**0.84 ± 0.2**	**0.67 ± 0.16**	22.5
Potassium-40	**17.4 ± 3.3**	**15 ± 2.8**	14.8	**14.4 ± 2.8**	**17.9 ± 3.3**	21.7	**13.5 ± 2.8**	**15.1 ± 2.8**	11.2
Radium-224	<1.6 ± 1.3	**2.7 ± 1.8**	NC	**3.1 ± 2**	**2.4 ± 1.7**	25.5	**4.5 ± 2.9**	**3.2 ± 2.2**	33.8
Radium-226	<1.5 ± 0.8	**1.56 ± 0.91**	NC	**2.0 ± 1.1**	<1.5 ± 0.78	NC	<1.5 ± 1.2	<1.6 ± 0.85	NC
Thallium-208	**0.291 ± 0.087**	**0.193 ± 0.086**	40.5	**0.38 ± 0.11**	**0.45 ± 0.13**	16.9	**0.82 ± 0.2**	**0.72 ± 0.15**	13.0
Thorium-234	<0.9 ± 0.49	<0.88 ± 0.48	NC	**1.4 ± 0.58**	<1.0 ± 0.57	NC	**1.91 ± 0.6**	**1.44 ± 0.87**	28.1
Uranium 235 and 236	<0.34 ± 0.18	<0.33 ± 0.19	NC	<0.35 ± 0.19	<0.36 ± 0.21	NC	<0.47 ± 0.26	<0.41 ± 0.23	NC

TABLE C-3

FIELD REPLICATE SAMPLE DATA SUMMARY FOR 0T-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

Field Sample Identification	TS8-SS-22-0000	TS8-SS-22A-0000		TS8-SS-32-0000	TS8-SS-32A-0000		TS8-SS-42-0000	TS8-SS-42A-0000	
Date Collected	9/30/2003	9/30/2003		9/30/2003	9/30/2003		9/30/2003	9/30/2003	
Depth (ft)	0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50	
Matrix	Soil	Soil		Soil	Soil		Soil	Soil	
Analyte/Methods (Units)			RPD			RPD			RPD
Radionuclides/E901.1 (pCi/g)									
Actinium-228	**0.86 ± 0.26**	**1.03 ± 0.36**	18.0	**0.96 ± 0.3**	**0.9 ± 0.3**	6.5	**0.75 ± 0.26**	**0.54 ± 0.25**	32.6
Bismuth-212	**0.75 ± 0.44**	<0.55 ± 0.56	NC	<0.9 ± 0.42	<0.88 ± 0.44	NC	<0.85 ± 0.42	<0.95 ± 0.45	NC
Bismuth-214	**0.66 ± 0.2**	**0.76 ± 0.22**	14.1	**0.83 ± 0.21**	**0.66 ± 0.21**	22.8	**0.52 ± 0.21**	**0.67 ± 0.21**	25.2
Cesium-137	<0.079 ± 0.04	<0.089 ± 0.049	NC	<0.09 ± 0.05	<0.099 ± 0.05	NC	<0.085 ± 0.046	<0.078 ± 0.047	NC
Cobalt-60	<0.11 ± 0.048	<0.085 ± 0.05	NC	<0.082 ± 0.049	<0.094 ± 0.053	NC	<0.099 ± 0.049	<0.078 ± 0.044	NC
Lead-212	**0.83 ± 0.18**	**0.89 ± 0.2**	7.0	**0.85 ± 0.2**	**0.8 ± 0.18**	6.1	**0.75 ± 0.16**	**0.77 ± 0.16**	2.6
Lead-214	**0.82 ± 0.16**	**0.81 ± 0.18**	1.2	**0.77 ± 0.16**	**0.85 ± 0.18**	9.9	**0.78 ± 0.16**	**0.83 ± 0.16**	6.2
Potassium-40	**18.1 ± 3.3**	**19.4 ± 3.7**	6.9	**17.1 ± 3.2**	**21.2 ± 3.8**	21.4	**17.2 ± 3.3**	**17.6 ± 3.3**	2.3
Radium-224	**2.6 ± 1.7**	<1.9 ± 1.5	NC	<1.7 ± 1.3	**4.5 ± 2.8**	NC	**2.2 ± 1.6**	**1.7 ± 1.3**	25.6
Radium-226	**1.6 ± 01± 1**	<1.7 ± 0.89	NC	<1.2 ± 0.79	**1.24 ± 0.92**	NC	**1.08 ± 0.66**	**1.59 ± 0.93**	38.2
Thallium-208	**0.336 ± 0.09**	**0.38 ± 0.11**	12.3	**0.34 ± 0.11**	**0.3 ± 0.1**	12.5	**0.25 ± 0.11**	**0.235 ± 0.08**	6.2
Thorium-234	<0.91 ± 0.5	<1.1 ± 0.59	NC	**1.39 ± 0.59**	<0.98 ± 0.54	NC	<0.86 ± 0.48	<0.98 ± 0.53	NC
Uranium 235 and 236	<0.3 ± 0.18	<0.36 ± 0.23	NC	<0.36 ± 0.21	<0.35 ± 0.21	NC	<0.32 ± 0.18	<0.32 ± 0.2	NC

TABLE C-3

FIELD REPLICATE SAMPLE DATA SUMMARY FOR 0T-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

Field Sample Identification	TS8-SS-55-0000	TS8-SS-55A-0000		TS8-SS-65-0000	TS8-SS-65A-0000		TS8-SS-75-0000	TS8-SS-75A-0000	
Date Collected	10/1/2003	10/1/2003		9/30/2003	9/30/2003		10/10/2003	10/10/2003	
Depth (ft)	0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50	
Matrix	Soil	Soil		Soil	Soil		Soil	Soil	
Analyte/Methods (Units)			RPD			RPD			RPD
Radionuclides/E901.1 (pCi/g)									
Actinium-228	**0.95 ± 0.32**	**0.87 ± 0.29**	8.8	**0.88 ± 0.36**	**0.62 ± 0.22**	34.7	**1.27 ± 0.33**	**1.4 ± 0.38**	9.7
Bismuth-212	<0.92 ± 0.43	<0.78 ± 0.39	NC	<0.79 ± 0.37	<0.69 ± 0.36	NC	**0.68 ± 0.62**	**0.97 ± 0.68**	35.2
Bismuth-214	**0.76 ± 0.23**	**0.72 ± 0.21**	5.4	**0.67 ± 0.21**	**0.58 ± 0.18**	14.4	**0.72 ± 0.2**	**0.86 ± 0.23**	17.7
Cesium-137	<0.099 ± 0.05	<0.087 ± 0.046	NC	<0.082 ± 0.045	<0.076 ± 0.041	NC	<0.093 ± 0.047	<0.12 ± 0.059	NC
Cobalt-60	<0.1 ± 0.054	<0.1 ± 0.058	NC	<0.089 ± 0.042	<0.086 ± 0.045	NC	<0.085 ± 0.042	<0.076 ± 0.042	NC
Lead-212	**0.85 ± 0.2**	**0.8 ± 0.16 B**	6.1	**0.77 ± 0.16**	**0.65 ± 0.13 B**	16.9	**0.87 ± 0.19**	**1.34 ± 0.25 B**	42.5
Lead-214	**0.83 ± 0.18**	**0.66 ± 0.14**	22.8	**0.66 ± 0.14**	**0.7 ± 0.13**	5.9	**0.52 ± 0.15**	**0.7 ± 0.16**	29.5
Potassium-40	**19.9 ± 3.9**	**19.8 ± 3.5**	0.5	**16.5 ± 3.2**	**16.9 ± 3.1**	2.4	**13 ± 2.7**	**17.2 ± 3.3**	27.8
Radium-224	**2.2 ± 1.6**	<1.7 ± 1.1	NC	**2.0 ± 1.4**	**2.1 ± 1.4**	4.9	**2.5 ± 1.8**	**2.6 ± 1.8**	3.9
Radium-226	<1.6 ± 0.83	**1.49 ± 0.85**	NC	**1.4 ± 1.3**	<1.3 ± 0.66	NC	**1.88 ± 0.86**	<1.7 ± 0.89	NC
Thallium-208	**0.32 ± 0.1**	**0.267 ± 0.094**	18.1	**0.219 ± 0.097**	**0.211 ± 0.08**	3.7	**0.35 ± 0.11**	**0.44 ± 0.12**	22.8
Thorium-234	**1.22 ± 0.61**	**0.96 ± 0.53**	23.9	<1.0 ± 0.53	<0.81 ± 0.45	NC	**1.02 ± 0.58**	**1.45 ± 0.64**	34.8
Uranium 235 and 236	<0.41 ± 0.23	<0.33 ± 0.19	NC	<0.38 ± 0.22	<0.32 ± 0.17	NC	<0.37 ± 0.21	<0.42 ± 0.25	NC

TABLE C-3

FIELD REPLICATE SAMPLE DATA SUMMARY FOR 0T-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

Field Sample Identification	TS8-SS-85-0000	TS8-SS-85A-0000		TS8-SS-97-0000	TS8-SS-97A-0000	
Date Collected	10/1/2003	10/1/2003		10/6/2003	10/6/2003	
Depth (ft)	0.00 - 0.50	0.00 - 0.50		0.00 - 0.50	0.00 - 0.50	
Matrix	Soil	Soil		Soil	Soil	
Analyte/Methods (Units)			**RPD**			**RPD**
Radionuclides/E901.1 (pCi/g)						
Actinium-228	**0.81 ± 0.25**	**0.72 ± 0.26**	11.8	**2.1 ± 0.58**	**2.25 ± 0.54**	6.9
Bismuth-212	<0.87 ± 0.44	<0.8 ± 0.4	NC	**1.76 ± 0.72**	**1.59 ± 0.65**	10.1
Bismuth-214	**0.62 ± 0.2**	**0.75 ± 0.19**	19.0	**0.92 ± 0.24**	**0.57 ± 0.21**	47.0
Cesium-137	<0.079 ± 0.043	<0.091 ± 0.045	NC	**0.44 ± 0.14**	**0.38 ± 0.13**	14.6
Cobalt-60	<0.099 ± 0.054	<0.072 ± 0.043	NC	<0.083 ± 0.05	<0.13 ± 0.063	NC
Lead-212	**0.84 ± 0.16**	**0.63 ± 0.14 B**	28.6	**2.27 ± 0.41**	**2.2 ± 0.38**	3.1
Lead-214	**0.68 ± 0.13**	**0.74 ± 0.14**	8.5	**0.75 ± 0.19**	**0.8 ± 0.19**	6.5
Potassium-40	**17.8 ± 3.5**	**19.9 ± 3.6**	11.1	**15 ± 3.3**	**17.2 ± 3.1**	13.7
Radium-224	<1.8 ± 1.2	**2.6 ± 1.7**	NC	**6.9 ± 4.3**	**2.6 ± 1.7**	**90.5**
Radium-226	**1.48 ± 0.95**	<1.4 ± 0.78	NC	<1.8 ± 01± 1	<1.7 ± 0.92	NC
Thallium-208	**0.29 ± 0.1**	**0.291 ± 0.095**	0.3	**0.85 ± 0.2**	**0.85 ± 0.18**	0.0
Thorium-234	**1.02 ± 0.53**	<0.93 ± 0.37	NC	**2.31 ± 0.64**	**1.81 ± 0.68**	24.3
Uranium 235 and 236	<0.33 ± 0.19	<0.34 ± 0.19	NC	<0.51 ± 0.29	<0.48 ± 0.26	NC

Notes:

B	Analyte detected in an associated blank.
NC	not calculated
pCi/g	picocuries per gram
RPD	relative percent difference

TABLE C-4

LABORATORY CONTROL SAMPLE DATA SUMMARY FOR OT-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO
(Page 1 of 6)

Lab Sample Identification	F3J270000485	F3J270000487	F3J270000479	F3J270000481	F3J270000466	F3J270000475	F3J270000455	F3J270000459
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analysis Code	E901.1	E901.1	E901.1	E901.1	E901.1	E901.1	E901.1	E901.1
Analysis Date	11/15/2003	11/15/2003	11/15/2003	11/15/2003	11/13/2003	11/14/2003	11/12/2003	11/12/2003
Analyte/Methods (Units)								
Radionuclides/E901.1 (%)								
Americium-241	102	103	107	104	104	106	109	104
Cesium-137	102	103	104	104	110	104	107	106
Cobalt-60	99	99	103	99	101	101	101	101

TABLE C-4

LABORATORY CONTROL SAMPLE DATA SUMMARY FOR OT-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

Lab Sample Identification	F3J210000462	F3J210000463	F3J270000452	F3J200000353	F3J200000347	F3J200000352	F3J200000339	F3J200000340
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analysis Code	E901.1	E901.1	E901.1	E901.1	E901.1	E901.1	E901.1	E901.1
Analysis Date	11/11/2003	11/11/2003	11/11/2003	11/11/2003	11/10/2003	11/10/2003	11/10/2003	11/10/2003
Analyte/Methods (Units)								
Radionuclides/E901.1 (%)								
Americium-241	105	108	104	105	105	96	108	108
Cesium-137	103	107	104	103	104	99	108	108
Cobalt-60	98	100	98	100	97	91	105	102

TABLE C-4

LABORATORY CONTROL SAMPLE DATA SUMMARY FOR OT-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

Lab Sample Identification	F3J150000413	F3J150000419	F3J170000419	F3J170000416	F3J170000410	F3J170000414	F3J170000408	F3J170000404
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analysis Code	E901.1	E901.1	E901.1	E901.1	E901.1	E901.1	E901.1	E901.1
Analysis Date	11/5/2003	11/5/2003	11/7/2003	11/7/2003	11/6/2003	11/7/2003	11/6/2003	11/6/2003
Analyte/Methods (Units)								
Radionuclides/E901.1 (%)								
Americium-241	103	108	102	104	107	108	102	107
Cesium-137	108	110	102	105	105	104	105	106
Cobalt-60	103	101	96	102	102	102	102	102

TABLE C-4

LABORATORY CONTROL SAMPLE DATA SUMMARY FOR OT-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

Lab Sample Identification	F3J170000402	F3J150000440	F3J150000449	F3J140000484	F3J140000489	F3J150000425	F3J140000162	F3J140000159
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analysis Code	E901.1	E901.1	E901.1	E901.1	E901.1	E901.1	E901.1	E901.1
Analysis Date	11/6/2003	11/6/2003	11/6/2003	11/4/2003	11/4/2003	11/5/2003	11/4/2003	11/3/2003
Analyte/Methods (Units)								
Radionuclides/E901.1 (%)								
Americium-241	106	99	100	NA	107	107	106	104
Cesium-137	106	98	99	107	108	107	106	107
Cobalt-60	100	92	93	100	104	104	100	101

TABLE C-4

LABORATORY CONTROL SAMPLE DATA SUMMARY FOR OT-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO
(Page 5 of 6)

Lab Sample Identification	F3J140000161	F3J100000348	F3J100000342	F3J100000345	F3J090000428	F3J090000431	F3J090000425	F3J090000140
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analysis Code	E901.1	E901.1	E901.1	E901.1	E901.1	E901.1	E901.1	E901.1
Analysis Date	11/3/2003	10/31/2003	10/31/2003	10/31/2003	10/30/2003	10/30/2003	10/30/2003	10/30/2003
Analyte/Methods (Units)								
Radionuclides/E901.1 (%)								
Americium-241	106	109	104	106	104	103	105	104
Cesium-137	104	107	108	106	103	104	106	107
Cobalt-60	102	104	102	102	98	100	101	100

TABLE C-4

LABORATORY CONTROL SAMPLE DATA SUMMARY FOR OT-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

Lab Sample Identification	F3J090000135	F3J090000137	F3J070000390	F3J070000264	F3J070000270	F3I180000393	F3I180000394	F3J170000409
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analysis Code	E901.1	E901.1	E901.1	E901.1	E901.1	E901.1	E901.1	E901.1
Analysis Date	10/29/2003	10/29/2003	10/28/2003	10/27/2003	10/28/2003	10/10/2003	10/10/2003	11/6/2003
Analyte/Methods (Units)								
Radionuclides/E901.1 (%)								
Americium-241	105	103	105	98	104	104	103	98
Cesium-137	103	103	103	101	104	106	101	100
Cobalt-60	101	97	101	92	99	101	99	94

Notes:
% percent

TABLE C-5

LABORATORY REPLICATE DATA SAMPLE SUMMARY FOR OT-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

		Field Sample Identification	TS5-SS-21-0000	TS5-SS-21-0000			TS5-SS-31-0000	TS5-SS-31-0000		
		Date Collected	10/3/2003	10/3/2003			10/1/2003	10/1/2003		
		Depth (ft)	0.00 - 0.50	0.00 - 0.50			0.00 - 0.50	0.00 - 0.50		
		Matrix	Soil	Soil			Soil	Soil		
Analyte/Methods (Units)	**RPD Limit(%)**	**RER Limit**			**RPD**	**RER**			**RPD**	**RER**
Radionuclides/E901.1 (pCi/g)										
Actinium-228	35	≤ 1.0	**0.77 ± 0.29**	**0.7 ± 0.27**	9.5	NC	**1.39 ± 0.38**	**1.51 ± 0.43**	8.3	NC
Bismuth-212	35	≤ 1.0	<1.1 ± 0.51	<0.97 ± 0.47	NC	NC	<1.1 ± 0.52	<0.99 ± 0.49	NC	NC
Bismuth-214	35	≤ 1.0	**0.88 ± 0.26**	**0.97 ± 0.23**	9.7	NC	**0.92 ± 0.24**	**0.75 ± 0.27**	20.4	NC
Cesium-137	35	≤ 1.0	<0.089 ± 0.05	<0.095 ± 0.051	NC	NC	<0.11 ± 0.049	<0.1 ± 0.055	NC	NC
Cobalt-60	35	≤ 1.0	<0.096 ± 0.045	<0.086 ± 0.041	NC	NC	<0.11 ± 0.06	<0.11 ± 0.054	NC	NC
Lead-212	35	≤ 1.0	**0.83 ± 0.21 B**	**0.84 ± 0.17**	1.2	NC	**1.19 ± 0.25**	**1.3 ± 0.24**	8.8	NC
Lead-214	35	≤ 1.0	**1.07 ± 0.21**	**0.97 ± 0.19**	9.8	NC	**1.02 ± 0.21**	**0.87 ± 0.17**	15.9	NC
Potassium-40	35	≤ 1.0	**14.6 ± 3.1**	**15.5 ± 3.2**	6.0	NC	**15.8 ± 3.1**	**16.7 ± 3.2**	5.5	NC
Radium-224	35	≤ 1.0	**2.1 ± 1.6**	**1.35 ± 0.86**	**43.5**	0.30	**3.0 ± 2.1**	**1.34 ± 0.85**	**76.5**	0.55
Radium-226	35	≤ 1.0	**2.3 ± 1.4**	**1.23 ± 0.84**	**60.6**	0.46	**2.07 ± 0.95**	<1.8 ± 0.96	NC	NC
Thallium-208	35	≤ 1.0	**0.263 ± 0.099**	**0.31 ± 0.11**	16.4	NC	**0.45 ± 0.13**	**0.34 ± 0.13**	27.8	NC
Thorium-234	35	≤ 1.0	<1.1 ± 0.97	<0.96 ± 0.53	NC	NC	<1.1 ± 0.68	<1.1 ± 0.62	NC	NC
Uranium 235 and 236	35	≤ 1.0	<0.38 ± 0.21	<0.37 ± 0.2	NC	NC	<0.45 ± 0.25	<0.37 ± 0.22	NC	NC

TABLE C-5

LABORATORY REPLICATE DATA SAMPLE SUMMARY FOR OT-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

		Field Sample Identification	TS5-SS-71-0000	TS5-SS-71-0000			TS5-SS-81-0000	TS5-SS-81-0000		
		Date Collected	10/1/2003	10/1/2003			10/1/2003	10/1/2003		
		Depth (ft)	0.00 - 0.50	0.00 - 0.50			0.00 - 0.50	0.00 - 0.50		
		Matrix	Soil	Soil			Soil	Soil		
Analyte/Methods (Units)	RPD Limit(%)	RER Limit			RPD	RER			RPD	RER
Radionuclides/E901.1 (pCi/g)										
Actinium-228	35	≤ 1.0	**1.49 ± 0.38**	**1.79 ± 0.46**	18.3	NC	**1.67 ± 0.42**	**1.23 ± 0.38**	30.3	NC
Bismuth-212	35	≤ 1.0	<0.85 ± 0.41	<0.75 ± 0.7	NC	NC	**1.06 ± 0.58**	<0.72 ± 0.51	NC	NC
Bismuth-214	35	≤ 1.0	**0.8 ± 0.22**	**0.86 ± 0.26**	7.2	NC	**0.73 ± 0.2**	**0.74 ± 0.22**	1.4	NC
Cesium-137	35	≤ 1.0	<0.1 ± 0.06	<0.12 ± 0.059	NC	NC	**0.178 ± 0.08**	**0.168 ± 0.072**	5.8	NC
Cobalt-60	35	≤ 1.0	<0.11 ± 0.055	<0.11 ± 0.056	NC	NC	<0.093 ± 0.045	<0.1 ± 0.055	NC	NC
Lead-212	35	≤ 1.0	**1.39 ± 0.27**	**1.54 ± 0.3**	10.2	NC	**1.45 ± 0.28**	**1.14 ± 0.24**	23.9	NC
Lead-214	35	≤ 1.0	**0.93 ± 0.19**	**1.1 ± 0.22**	16.7	NC	**0.84 ± 0.19**	**0.77 ± 0.16**	8.7	NC
Potassium-40	35	≤ 1.0	**13.7 ± 3**	**18 ± 3.5**	27.1	NC	**13.5 ± 2.7**	**15.8 ± 3.1**	15.7	NC
Radium-224	35	≤ 1.0	**2.7 ± 1.9**	**2.9 ± 2**	7.1	NC	**3.8 ± 2.4**	**3.9 ± 2.5**	2.6	NC
Radium-226	35	≤ 1.0	**1.43 ± 0.99**	<1.8 ± 01± 1	NC	NC	<1.5 ± 0.8	**1.9 ± 1.2**	NC	NC
Thallium-208	35	≤ 1.0	**0.52 ± 0.14**	**0.56 ± 0.15**	7.4	NC	**0.48 ± 0.14**	**0.38 ± 0.13**	23.3	NC
Thorium-234	35	≤ 1.0	<1.0 ± 0.55	**1.4 ± 0.76**	NC	NC	<0.98 ± 0.58	**1.55 ± 0.51**	NC	NC
Uranium 235 and 236	35	≤ 1.0	<0.37 ± 0.21	<0.46 ± 0.26	NC	NC	<0.37 ± 0.2	<0.4 ± 0.22	NC	NC

TABLE C-5

LABORATORY REPLICATE DATA SAMPLE SUMMARY FOR OT-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

		Field Sample Identification	TS5-SS-101-0000	TS5-SS-101-0000			TS5-SS-131-0000	TS5-SS-131-0000		
		Date Collected	10/2/2003	10/2/2003			10/2/2003	10/2/2003		
		Depth (ft)	0.00 - 0.50	0.00 - 0.50			0.00 - 0.50	0.00 - 0.50		
		Matrix	Soil	Soil			Soil	Soil		
Analyte/Methods (Units)	**RPD Limit(%)**	**RER Limit**			**RPD**	**RER**			**RPD**	**RER**
Radionuclides/E901.1 (pCi/g)										
Actinium-228	35	≤ 1.0	**1.39 ± 0.44**	**1.32 ± 0.39**	5.2	NC	**1.13 ± 0.33**	**1.01 ± 0.32**	11.2	NC
Bismuth-212	35	≤ 1.0	<1.0 ± 0.49	<1.2 ± 0.55	NC	NC	<1.2 ± 0.53	<1.0 ± 0.49	NC	NC
Bismuth-214	35	≤ 1.0	**1.01 ± 0.28**	**0.99 ± 0.26**	2.0	NC	**0.96 ± 0.27**	**0.89 ± 0.25**	7.6	NC
Cesium-137	35	≤ 1.0	<0.09 ± 0.052	<0.084 ± 0.051	NC	NC	**0.142 ± 0.088**	**0.162 ± 0.082**	13.2	NC
Cobalt-60	35	≤ 1.0	<0.1 ± 0.059	<0.12 ± 0.065	NC	NC	<0.11 ± 0.059	<0.09 ± 0.049	NC	NC
Lead-212	35	≤ 1.0	**1.19 ± 0.23**	**1.26 ± 0.26**	5.7	NC	**0.98 ± 0.22**	**1.03 ± 0.21**	5.0	NC
Lead-214	35	≤ 1.0	**0.96 ± 0.2**	**1.02 ± 0.22**	6.1	NC	**0.95 ± 0.2**	**0.82 ± 0.19**	14.7	NC
Potassium-40	35	≤ 1.0	**17 ± 3.4**	**15.9 ± 3.2**	6.7	NC	**17.7 ± 3.5**	**16.6 ± 3.3**	6.4	NC
Radium-224	35	≤ 1.0	<1.4 ± 0.87	**2.5 ± 1.9**	NC	NC	**3.9 ± 2.5**	<1.6 ± 0.9	NC	NC
Radium-226	35	≤ 1.0	**2.4 ± 1.2**	<1.9 ± 0.998	NC	NC	<1.8 ± 0.94	<1.8 ± 0.96	NC	NC
Thallium-208	35	≤ 1.0	**0.45 ± 0.12**	**0.42 ± 0.14**	6.9	NC	**0.38 ± 0.14**	**0.34 ± 0.12**	11.1	NC
Thorium-234	35	≤ 1.0	**1.58 ± 0.5**	<1.2 ± 0.68	NC	NC	<1.2 ± 0.68	<1.1 ± 0.59	NC	NC
Uranium 235 and 236	35	≤ 1.0	<0.44 ± 0.24	<0.44 ± 0.25	NC	NC	<0.44 ± 0.26	<0.41 ± 0.23	NC	NC

TABLE C-5

LABORATORY REPLICATE DATA SAMPLE SUMMARY FOR OT-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

		Field Sample Identification	TS5-SS-151-0000	TS5-SS-151-0000			TS5-SS-161-0000	TS5-SS-161-0000		
		Date Collected	10/2/2003	10/2/2003			10/2/2003	10/2/2003		
		Depth (ft)	0.00 - 0.50	0.00 - 0.50			0.00	0.00		
		Matrix	Soil	Soil			Soil	Soil		
Analyte/Methods (Units)	RPD Limit(%)	RER Limit			RPD	RER			RPD	RER
Radionuclides/E901.1 (pCi/g)										
Actinium-228	35	≤ 1.0	**1.82 ± 0.52**	**2.21 ± 0.64**	19.4	NC	**0.98 ± 0.31**	**0.93 ± 0.35**	5.2	NC
Bismuth-212	35	≤ 1.0	<1.2 ± 0.58	**1.25 ± 0.59**	NC	NC	<0.61 ± 0.52	<0.91 ± 0.45	NC	NC
Bismuth-214	35	≤ 1.0	**0.79 ± 0.28**	**0.86 ± 0.23**	8.5	NC	**0.72 ± 0.24**	**0.78 ± 0.22**	8.0	NC
Cesium-137	35	≤ 1.0	<0.14 ± 0.074	<0.16 ± 0.084	NC	NC	<0.14 ± 0.069	<0.1 ± 0.053	NC	NC
Cobalt-60	35	≤ 1.0	<0.096 ± 0.044	<0.087 ± 0.055	NC	NC	<0.096 ± 0.05	<0.12 ± 0.053	NC	NC
Lead-212	35	≤ 1.0	**1.79 ± 0.36**	**1.88 ± 0.36**	4.9	NC	**0.94 ± 0.21**	**1.0 ± 0.2**	6.2	NC
Lead-214	35	≤ 1.0	**0.9 ± 0.2**	**0.86 ± 0.21**	4.5	NC	**0.76 ± 0.17**	**0.92 ± 0.17**	19.0	NC
Potassium-40	35	≤ 1.0	**16 ± 3.2**	**15 ± 3.2**	6.5	NC	**19 ± 3.6**	**14.8 ± 3**	24.9	NC
Radium-224	35	≤ 1.0	**2.8 ± 2**	**4.4 ± 2.8**	**44.4**	NC	**2.4 ± 1.7**	**2.2 ± 1.5**	8.7	NC
Radium-226	35	≤ 1.0	<1.9 ± 0.97	<1.8 ± 0.95	NC	NC	<1.8 ± 0.95	**1.92 ± 0.84**	NC	NC
Thallium-208	35	≤ 1.0	**0.71 ± 0.16**	**0.68 ± 0.17**	4.3	NC	**0.46 ± 0.12**	**0.39 ± 0.11**	16.5	NC
Thorium-234	35	≤ 1.0	<1.4 ± 0.74	<1.2 ± 0.72	NC	NC	<1.0 ± 0.56	**1.27 ± 0.6**	NC	NC
Uranium 235 and 236	35	≤ 1.0	<0.51 ± 0.29	<0.45 ± 0.26	NC	NC	<0.35 ± 0.2	<0.36 ± 0.19	NC	NC

TABLE C-5

LABORATORY REPLICATE DATA SAMPLE SUMMARY FOR OT-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

		Field Sample Identification	TS5-SS-171-0000	TS5-SS-171-0000			TS5-SS-181-0000	TS5-SS-181-0000		
		Date Collected	10/3/2003	10/3/2003			10/6/2003	10/6/2003		
		Depth (ft)	0.00 - 0.50	0.00 - 0.50			0.00 - 0.50	0.00 - 0.50		
		Matrix	Soil	Soil			Soil	Soil		
Analyte/Methods (Units)	RPD Limit(%)	RER Limit			RPD	RER			RPD	RER
Radionuclides/E901.1 (pCi/g)										
Actinium-228	35	≤ 1.0	**0.92 ± 0.29**	**0.98 ± 0.33**	6.3	NC	**0.79 ± 0.29**	**1.05 ± 0.35**	28.3	NC
Bismuth-212	35	≤ 1.0	<0.85 ± 0.38	<0.75 ± 0.37	NC	NC	<0.84 ± 0.41	<0.91 ± 0.44	NC	NC
Bismuth-214	35	≤ 1.0	**0.89 ± 0.25**	**0.73 ± 0.26**	19.8	NC	**0.75 ± 0.21**	**0.83 ± 0.23**	10.1	NC
Cesium-137	35	≤ 1.0	<0.14 ± 0.066	<0.12 ± 0.075	NC	NC	<0.097 ± 0.051	<0.1 ± 0.059	NC	NC
Cobalt-60	35	≤ 1.0	<0.11 ± 0.059	<0.092 ± 0.047	NC	NC	<0.097 ± 0.057	<0.11 ± 0.048	NC	NC
Lead-212	35	≤ 1.0	**0.78 ± 0.19**	**0.75 ± 0.19**	3.9	NC	**0.8 ± 0.19**	**1.01 ± 0.22**	23.2	NC
Lead-214	35	≤ 1.0	**0.8 ± 0.17**	**0.74 ± 0.18**	7.8	NC	**0.95 ± 0.19**	**0.91 ± 0.21**	4.3	NC
Potassium-40	35	≤ 1.0	**16.4 ± 3.2**	**17.4 ± 3.4**	5.9	NC	**15.6 ± 3**	**16.6 ± 3.2**	6.2	NC
Radium-224	35	≤ 1.0	**2.3 ± 1.7**	<1.8 ± 1.3	NC	NC	<1.7 ± 1.4	**3.4 ± 2.3**	NC	NC
Radium-226	35	≤ 1.0	**1.4 ± 1.1**	**2.2 ± 1.4**	**44.4**	0.31	**1.6 ± 1.1**	**2.0 ± 1.4**	22.2	NC
Thallium-208	35	≤ 1.0	**0.36 ± 0.11**	**0.233 ± 0.096**	**42.8**	0.57	**0.24 ± 0.099**	**0.32 ± 0.11**	28.6	NC
Thorium-234	35	≤ 1.0	**1.35 ± 0.58**	<1.1 ± 0.58	NC	NC	**1.34 ± 0.57**	**1.35 ± 0.64**	0.7	NC
Uranium 235 and 236	35	≤ 1.0	<0.37 ± 0.22	<0.34 ± 0.22	NC	NC	<0.31 ± 0.18	<0.4 ± 0.23	NC	NC

TABLE C-5

LABORATORY REPLICATE DATA SAMPLE SUMMARY FOR OT-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

		Field Sample Identification	TS5-SS-201-0000	TS5-SS-201-0000			TS5-SS-211-0000	TS5-SS-211-0000		
		Date Collected	10/6/2003	10/6/2003			10/6/2003	10/6/2003		
		Depth (ft)	0.00 - 0.50	0.00 - 0.50			0.00 - 0.50	0.00 - 0.50		
		Matrix	Soil	Soil			Soil	Soil		
Analyte/Methods (Units)	**RPD Limit(%)**	**RER Limit**			**RPD**	**RER**			**RPD**	**RER**
Radionuclides/E901.1 (pCi/g)										
Actinium-228	35	≤ 1.0	**1.01 ± 0.35**	**0.82 ± 0.28**	20.8	NC	**2.6 ± 0.61**	**2.1 ± 0.5**	21.3	NC
Bismuth-212	35	≤ 1.0	<1.1 ± 0.51	<0.9 ± 0.45	NC	NC	**1.32 ± 0.71**	**1.24 ± 0.62**	6.3	NC
Bismuth-214	35	≤ 1.0	**0.82 ± 0.23**	**0.84 ± 0.21**	2.4	NC	**0.71 ± 0.23**	**0.77 ± 0.21**	8.1	NC
Cesium-137	35	≤ 1.0	**0.173 ± 0.094**	**0.107 ± 0.078**	**47.1**	0.37	<0.11 ± 0.062	<0.11 ± 0.057	NC	NC
Cobalt-60	35	≤ 1.0	<0.1 ± 0.048	<0.098 ± 0.047	NC	NC	<0.11 ± 0.056	<0.098 ± 0.042	NC	NC
Lead-212	35	≤ 1.0	**0.84 ± 0.2**	**0.88 ± 0.19**	4.7	NC	**2.07 ± 0.37**	**1.9 ± 0.34**	8.6	NC
Lead-214	35	≤ 1.0	**0.85 ± 0.2**	**1.01 ± 0.2**	17.2	NC	**0.81 ± 0.21**	**0.75 ± 0.16**	7.7	NC
Potassium-40	35	≤ 1.0	**17.8 ± 3.6**	**15.9 ± 3.1**	11.3	NC	**15.2 ± 3.1**	**14.3 ± 2.7**	6.1	NC
Radium-224	35	≤ 1.0	**2.0 ± 1.6**	**3.0 ± 2**	**40.0**	0.27	**3.1 ± 2**	**3.8 ± 2.5**	20.3	NC
Radium-226	35	≤ 1.0	<1.7 ± 0.9	**1.9 ± 1.1**	NC	NC	<1.8 ± 0.97	<1.4 ± 0.998	NC	NC
Thallium-208	35	≤ 1.0	**0.31 ± 0.1**	**0.354 ± 0.0999**	13.3	NC	**0.75 ± 0.19**	**0.75 ± 0.17**	0.0	NC
Thorium-234	35	≤ 1.0	<0.98 ± 0.54	<0.92 ± 0.5	NC	NC	**1.35 ± 0.68**	**1.7 ± 0.63**	23.0	NC
Uranium 235 and 236	35	≤ 1.0	<0.4 ± 0.22	<0.35 ± 0.19	NC	NC	<0.44 ± 0.24	<0.39 ± 0.22	NC	NC

TABLE C-5

LABORATORY REPLICATE DATA SAMPLE SUMMARY FOR OT-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

		Field Sample Identification	TS5-SS-216-0000	TS5-SS-216-0000			TS5-SS-236-0000	TS5-SS-236-0000		
		Date Collected	9/9/2003	9/9/2003			9/16/2003	9/16/2003		
		Depth (ft)	0.00 - 0.50	0.00 - 0.50			0.00 - 0.50	0.00 - 0.50		
		Matrix	Soil	Soil			Soil	Soil		
Analyte/Methods (Units)	**RPD Limit(%)**	**RER Limit**			**RPD**	**RER**			**RPD**	**RER**
Radionuclides/E901.1 (pCi/g)										
Actinium-228	35	≤ 1.0	**1.07 ± 0.34**	**1.11 ± 0.39**	3.7	NC	**1.31 ± 0.35**	**1.32 ± 0.35**	0.8	NC
Bismuth-212	35	≤ 1.0	<0.85 ± 0.73	**0.86 ± 0.54**	NC	NC	**0.96 ± 0.47**	<1.1 ± 0.53	NC	NC
Bismuth-214	35	≤ 1.0	**0.95 ± 0.23**	**0.87 ± 0.21**	8.8	NC	**0.75 ± 0.23**	**0.92 ± 0.24**	20.4	NC
Cesium-137	35	≤ 1.0	<0.085 ± 0.047	<0.091 ± 0.052	NC	NC	<0.098 ± 0.05	<0.1 ± 0.053	NC	NC
Cobalt-60	35	≤ 1.0	<0.11 ± 0.06	<0.11 ± 0.062	NC	NC	<0.11 ± 0.052	<0.096 ± 0.056	NC	NC
Lead-212	35	≤ 1.0	**1.0 ± 0.21**	**0.87 ± 0.19**	13.9	NC	**1.06 ± 0.2**	**1.21 ± 0.23**	13.2	NC
Lead-214	35	≤ 1.0	**0.78 ± 0.19**	**0.84 ± 0.18**	7.4	NC	**0.83 ± 0.16**	**0.73 ± 0.18**	12.8	NC
Potassium-40	35	≤ 1.0	**15.1 ± 3.1**	**15.9 ± 3.2**	5.2	NC	**16.5 ± 3.2**	**18.1 ± 3.4**	9.2	NC
Radium-224	35	≤ 1.0	**2.4 ± 1.7**	**4.3 ± 2.7**	**56.7**	0.42	<1.9 ± 1.2	**2.1 ± 1.4**	NC	NC
Radium-226	35	≤ 1.0	<1.7 ± 0.93	<1.1 ± 0.93	NC	NC	<1.5 ± 0.83	<1.6 ± 0.86	NC	NC
Thallium-208	35	≤ 1.0	**0.4 ± 0.12**	**0.37 ± 0.11**	7.8	NC	**0.45 ± 0.11**	**0.46 ± 0.13**	2.2	NC
Thorium-234	35	≤ 1.0	**1.45 ± 0.96**	**1.52 ± 0.86**	4.7	NC	**1.66 ± 0.62**	**1.23 ± 0.45**	29.8	NC
Uranium 235 and 236	35	≤ 1.0	<0.42 ± 0.23	<0.41 ± 0.22	NC	NC	<0.4 ± 0.22	<0.41 ± 0.22	NC	NC

TABLE C-5

LABORATORY REPLICATE DATA SAMPLE SUMMARY FOR OT-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

		Field Sample Identification	TS5-SS-256-0000	TS5-SS-256-0000			TS6-SS-24-0000	TS6-SS-24-0000		
		Date Collected	9/18/2003	9/18/2003			8/28/2003	8/28/2003		
		Depth (ft)	0.00 - 0.50	0.00 - 0.50			0.00 - 0.50	0.00 - 0.50		
		Matrix	Soil	Soil			Soil	Soil		
Analyte/Methods (Units)	RPD Limit(%)	RER Limit			RPD	RER			RPD	RER
Radionuclides/E901.1 (pCi/g)										
Actinium-228	35	≤ 1.0	**0.58 ± 0.36**	**1.03 ± 0.33**	**55.9**	0.61	**0.86 ± 0.32**	**1.0 ± 0.33**	15.1	NC
Bismuth-212	35	≤ 1.0	<0.89 ± 0.42	<0.91 ± 0.44	NC	NC	**0.72 ± 0.41**	**0.93 ± 0.55**	25.5	NC
Bismuth-214	35	≤ 1.0	**0.86 ± 0.24**	**1.07 ± 0.24**	21.8	NC	**0.85 ± 0.24**	**1.0 ± 0.23**	16.2	NC
Cesium-137	35	≤ 1.0	<0.095 ± 0.05	<0.099 ± 0.053	NC	NC	<0.08 ± 0.05	<0.086 ± 0.049	NC	NC
Cobalt-60	35	≤ 1.0	<0.1 ± 0.053	<0.11 ± 0.054	NC	NC	<0.11 ± 0.059	<0.13 ± 0.059	NC	NC
Lead-212	35	≤ 1.0	**0.89 ± 0.25**	**0.95 ± 0.19**	6.5	NC	**0.73 ± 0.18**	**0.94 ± 0.19**	25.1	NC
Lead-214	35	≤ 1.0	**0.91 ± 0.2**	**1.07 ± 0.19**	16.2	NC	**0.9 ± 0.19**	**0.92 ± 0.18**	2.2	NC
Potassium-40	35	≤ 1.0	**14 ± 3**	**16.5 ± 3.4**	16.4	NC	**15.6 ± 3.2**	**15.2 ± 3**	2.6	NC
Radium-224	35	≤ 1.0	**2.6 ± 1.9**	**4.0 ± 2.5**	**42.4**	0.31	**4.1 ± 2.6**	**2.9 ± 1.9**	34.3	NC
Radium-226	35	≤ 1.0	<1.8 ± 0.93	<1.4 ± 1.1	NC	NC	<1.2 ± 0.87	**2.6 ± 1.4**	NC	NC
Thallium-208	35	≤ 1.0	**0.38 ± 0.12**	**0.29 ± 0.11**	26.9	NC	**0.287 ± 0.0998**	**0.29 ± 0.1**	1.0	NC
Thorium-234	35	≤ 1.0	<1.1 ± 0.59	**1.52 ± 0.8**	NC	NC	**1.44 ± 0.6**	**1.1 ± 0.58**	26.8	NC
Uranium 235 and 236	35	≤ 1.0	<0.43 ± 0.23	<0.37 ± 0.2	NC	NC	<0.39 ± 0.21	<0.4 ± 0.22	NC	NC

TABLE C-5

LABORATORY REPLICATE DATA SAMPLE SUMMARY FOR OT-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

Field Sample Identification			TS6-SS-48-0000	TS6-SS-48-0000			TS6-SS-53-0000	TS6-SS-53-0000		
Date Collected			8/28/2003	8/28/2003			10/6/2003	10/6/2003		
Depth (ft)			0.00 - 0.50	0.00 - 0.50			0.00 - 0.50	0.00 - 0.50		
Matrix			Soil	Soil			Soil	Soil		
Analyte/Methods (Units)	RPD Limit(%)	RER Limit			RPD	RER			RPD	RER
Radionuclides/E901.1 (pCi/g)										
Actinium-228	35	≤ 1.0	**0.54 ± 0.24**	**0.65 ± 0.22**	18.5	NC	**0.63 ± 0.21**	**0.63 ± 0.24**	0.0	NC
Bismuth-212	35	≤ 1.0	<0.84 ± 0.4	<0.61 ± 0.3	NC	NC	<0.62 ± 0.37	<0.87 ± 0.41	NC	NC
Bismuth-214	35	≤ 1.0	**0.42 ± 0.17**	**0.64 ± 0.17**	**41.5**	0.58	**0.59 ± 0.18**	**0.88 ± 0.2**	**39.5**	0.66
Cesium-137	35	≤ 1.0	<0.07 ± 0.038	<0.069 ± 0.038	NC	NC	**0.1 ± 0.051**	<0.12 ± 0.057	NC	NC
Cobalt-60	35	≤ 1.0	<0.12 ± 0.057	<0.077 ± 0.043	NC	NC	<0.078 ± 0.035	<0.094 ± 0.044	NC	NC
Lead-212	35	≤ 1.0	**0.6 ± 0.15**	**0.55 ± 0.13**	8.7	NC	**0.65 ± 0.13**	**0.6 ± 0.15**	8.0	NC
Lead-214	35	≤ 1.0	**0.63 ± 0.16**	**0.55 ± 0.12**	13.6	NC	**0.61 ± 0.13**	**0.61 ± 0.15**	0.0	NC
Potassium-40	35	≤ 1.0	**16 ± 3.2**	**15.1 ± 2.8**	5.8	NC	**13.7 ± 2.5**	**13.1 ± 2.8**	4.5	NC
Radium-224	35	≤ 1.0	**2.3 ± 1.6**	**1.7 ± 1.2**	30.0	NC	<1.3 ± 01± 1	**2.1 ± 1.5**	NC	NC
Radium-226	35	≤ 1.0	**1.55 ± 0.75**	**1.65 ± 0.8**	6.2	NC	**1.52 ± 0.8**	**1.7 ± 1.1**	11.2	NC
Thallium-208	35	≤ 1.0	**0.149 ± 0.075**	**0.175 ± 0.071**	16.0	NC	**0.213 ± 0.077**	**0.214 ± 0.087**	0.5	NC
Thorium-234	35	≤ 1.0	<0.85 ± 0.46	<0.75 ± 0.4	NC	NC	<0.84 ± 0.45	**1.52 ± 0.59**	NC	NC
Uranium 235 and 236	35	≤ 1.0	<0.31 ± 0.17	<0.28 ± 0.16	NC	NC	<0.28 ± 0.16	<0.34 ± 0.19	NC	NC

TABLE C-5

LABORATORY REPLICATE DATA SAMPLE SUMMARY FOR OT-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

		Field Sample Identification	TS6-SS-54-0000	TS6-SS-54A-0000			TS6-SS-64-0000	TS6-SS-64A-0000		
		Date Collected	10/6/2003	10/6/2003			9/25/2003	9/25/2003		
		Depth (ft)	0.00 - 0.50	0.00 - 0.50			0.00 - 0.50	0.00 - 0.50		
		Matrix	Soil	Soil			Soil	Soil		
Analyte/Methods (Units)	RPD Limit(%)	RER Limit			RPD	RER			RPD	RER
Radionuclides/E901.1 (pCi/g)										
Actinium-228	35	≤ 1.0	**0.61 ± 0.29**	**0.47 ± 0.24**	25.9	NC	**0.85 ± 0.27**	**0.81 ± 0.32**	4.8	NC
Bismuth-212	35	≤ 1.0	<0.78 ± 0.37	<0.6 ± 0.27	NC	NC	<0.83 ± 0.4	<0.85 ± 0.43	NC	NC
Bismuth-214	35	≤ 1.0	**0.56 ± 0.17**	**0.7 ± 0.18**	22.2	NC	**0.79 ± 0.2**	**0.77 ± 0.21**	2.6	NC
Cesium-137	35	≤ 1.0	<0.065 ± 0.033	<0.058 ± 0.034	NC	NC	<0.098 ± 0.05	**0.114 ± 0.055**	NC	NC
Cobalt-60	35	≤ 1.0	<0.063 ± 0.043	<0.094 ± 0.04	NC	NC	<0.12 ± 0.063	<0.11 ± 0.049	NC	NC
Lead-212	35	≤ 1.0	**0.42 ± 0.12**	**0.326 ± 0.083**	25.2	NC	**0.61 ± 0.15**	**0.6 ± 0.16**	1.7	NC
Lead-214	35	≤ 1.0	**0.64 ± 0.15**	**0.69 ± 0.13**	7.5	NC	**0.85 ± 0.18**	**0.7 ± 0.16**	19.4	NC
Potassium-40	35	≤ 1.0	**12 ± 2.4**	**10.2 ± 2.1**	16.2	NC	**14.7 ± 2.8**	**14.3 ± 3.2**	2.8	NC
Radium-224	35	≤ 1.0	<1.5 ± 1.2	<1.3 ± 0.99	NC	NC	**2.0 ± 1.4**	**3.0 ± 2**	**40.0**	0.29
Radium-226	35	≤ 1.0	<1.5 ± 0.73	**1.09 ± 0.76**	NC	NC	**1.37 ± 0.88**	**1.6 ± 1.4**	15.5	NC
Thallium-208	35	≤ 1.0	**0.176 ± 0.074**	**0.139 ± 0.068**	23.5	NC	**0.277 ± 0.092**	**0.24 ± 0.1**	14.3	NC
Thorium-234	35	≤ 1.0	<0.83 ± 0.43	<0.74 ± 0.4	NC	NC	<0.88 ± 0.48	<0.95 ± 0.52	NC	NC
Uranium 235 and 236	35	≤ 1.0	<0.33 ± 0.18	<0.26 ± 0.15	NC	NC	<0.31 ± 0.17	<0.32 ± 0.19	NC	NC

TABLE C-5

LABORATORY REPLICATE DATA SAMPLE SUMMARY FOR OT-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

Field Sample Identification			TS6-SS-73-0000	TS6-SS-73-0000			TS6-SS-93-0000	TS6-SS-93-0000		
Date Collected			9/25/2003	9/25/2003			9/25/2003	9/25/2003		
Depth (ft)			0.00 - 0.50	0.00 - 0.50			0.00 - 0.50	0.00 - 0.50		
Matrix			Soil	Soil			Soil	Soil		
Analyte/Methods (Units)	**RPD Limit(%)**	**RER Limit**			**RPD**	**RER**			**RPD**	**RER**
Radionuclides/E901.1 (pCi/g)										
Actinium-228	35	≤ 1.0	**0.76 ± 0.27**	**0.44 ± 0.25**	**53.3**	0.58	**0.43 ± 0.2**	**0.48 ± 0.19**	11.0	NC
Bismuth-212	35	≤ 1.0	<0.65 ± 0.33	<0.92 ± 0.43	NC	NC	<0.43 ± 0.27	<0.51 ± 0.25	NC	NC
Bismuth-214	35	≤ 1.0	**0.62 ± 0.19**	**0.7 ± 0.19**	12.1	NC	**0.4 ± 0.13**	**0.4 ± 0.14**	0.0	NC
Cesium-137	35	≤ 1.0	<0.094 ± 0.048	<0.094 ± 0.049	NC	NC	<0.057 ± 0.028	<0.068 ± 0.038	NC	NC
Cobalt-60	35	≤ 1.0	<0.11 ± 0.054	<0.098 ± 0.049	NC	NC	<0.082 ± 0.033	<0.064 ± 0.023	NC	NC
Lead-212	35	≤ 1.0	**0.69 ± 0.14**	**0.6 ± 0.15**	14.0	NC	**0.43 ± 0.12**	**0.388 ± 0.096**	10.3	NC
Lead-214	35	≤ 1.0	**0.75 ± 0.15**	**0.73 ± 0.17**	2.7	NC	**0.52 ± 0.14**	**0.49 ± 0.11**	5.9	NC
Potassium-40	35	≤ 1.0	**13.1 ± 2.8**	**15.4 ± 3**	16.1	NC	**9.5 ± 2**	**10 ± 1.9**	5.1	NC
Radium-224	35	≤ 1.0	**2.6 ± 1.7**	<1.6 ± 1.3	NC	NC	<1.2 ± 0.84	**1.18 ± 0.94**	NC	NC
Radium-226	35	≤ 1.0	<1.4 ± 0.75	<1.5 ± 0.76	NC	NC	<1.1 ± 0.57	<1.1 ± 0.58	NC	NC
Thallium-208	35	≤ 1.0	**0.224 ± 0.087**	**0.235 ± 0.086**	4.8	NC	**0.099 ± 0.064**	**0.155 ± 0.054**	**44.1**	0.45
Thorium-234	35	≤ 1.0	<0.88 ± 0.47	**1.06 ± 0.73**	NC	NC	<0.69 ± 0.37	<0.6 ± 0.33	NC	NC
Uranium 235 and 236	35	≤ 1.0	<0.31 ± 0.19	<0.33 ± 0.17	NC	NC	<0.31 ± 0.17	<0.21 ± 0.12	NC	NC

TABLE C-5

LABORATORY REPLICATE DATA SAMPLE SUMMARY FOR OT-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

		Field Sample Identification	TS6-SS-103-0000	TS6-SS-103-0000			TS6-SS-113-0000	TS6-SS-113-0000		
		Date Collected	10/6/2003	10/6/2003			9/25/2003	9/25/2003		
		Depth (ft)	0.00 - 0.50	0.00 - 0.50			0.00 - 0.50	0.00 - 0.50		
		Matrix	Soil	Soil			Soil	Soil		
Analyte/Methods (Units)	RPD Limit(%)	RER Limit			RPD	RER			RPD	RER
Radionuclides/E901.1 (pCi/g)										
Actinium-228	35	≤ 1.0	**0.33 ± 0.18**	**0.27 ± 0.15**	20.0	NC	**1.32 ± 0.36**	**1.05 ± 0.33**	22.8	NC
Bismuth-212	35	≤ 1.0	<0.59 ± 0.28	<0.6 ± 0.28	NC	NC	<1.0 ± 0.48	<0.99 ± 0.49	NC	NC
Bismuth-214	35	≤ 1.0	**0.2 ± 0.12**	**0.3 ± 0.13**	**40.0**	0.38	**0.99 ± 0.29**	**0.87 ± 0.23**	12.9	NC
Cesium-137	35	≤ 1.0	<0.057 ± 0.031	<0.065 ± 0.034	NC	NC	<0.14 ± 0.068	<0.12 ± 0.061	NC	NC
Cobalt-60	35	≤ 1.0	<0.064 ± 0.033	<0.07 ± 0.032	NC	NC	<0.1 ± 0.051	<0.1 ± 0.048	NC	NC
Lead-212	35	≤ 1.0	**0.376 ± 0.093**	**0.404 ± 0.097**	7.2	NC	**1.3 ± 0.25**	**1.11 ± 0.24**	15.8	NC
Lead-214	35	≤ 1.0	**0.342 ± 0.091**	**0.329 ± 0.092**	3.9	NC	**0.98 ± 0.19**	**0.95 ± 0.19**	3.1	NC
Potassium-40	35	≤ 1.0	**10.5 ± 2.1**	**9.5 ± 2.1**	10.0	NC	**16.5 ± 3.3**	**16.5 ± 3.1**	0.0	NC
Radium-224	35	≤ 1.0	**1.4 ± 01± 1**	<0.97 ± 0.64	NC	NC	**2.9 ± 2**	**3.0 ± 2.1**	3.4	NC
Radium-226	35	≤ 1.0	<0.94 ± 0.49	<0.99 ± 0.52	NC	NC	**1.5 ± 1.4**	**1.7 ± 1.1**	12.5	NC
Thallium-208	35	≤ 1.0	**0.136 ± 0.052**	**0.125 ± 0.057**	8.4	NC	**0.44 ± 0.13**	**0.42 ± 0.12**	4.7	NC
Thorium-234	35	≤ 1.0	<0.61 ± 0.33	<0.61 ± 0.32	NC	NC	<1.2 ± 0.63	**1.14 ± 0.6**	NC	NC
Uranium 235 and 236	35	≤ 1.0	<0.22 ± 0.13	<0.25 ± 0.13	NC	NC	<0.43 ± 0.24	<0.41 ± 0.23	NC	NC

TABLE C-5

LABORATORY REPLICATE DATA SAMPLE SUMMARY FOR OT-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

		Field Sample Identification	TS6-SS-133-0000	TS6-SS-133-0000			TS6-SS-143-0000	TS6-SS-143-0000		
		Date Collected	9/30/2003	9/30/2003			9/25/2003	9/25/2003		
		Depth (ft)	0.00 - 0.50	0.00 - 0.50			0.00 - 0.50	0.00 - 0.50		
		Matrix	Soil	Soil			Soil	Soil		
Analyte/Methods (Units)	**RPD Limit(%)**	**RER Limit**			**RPD**	**RER**			**RPD**	**RER**
Radionuclides/E901.1 (pCi/g)										
Actinium-228	35	≤ 1.0	**0.93 ± 0.33**	**1.17 ± 0.45**	22.9	NC	**0.86 ± 0.29**	**0.43 ± 0.19**	**66.7**	0.83
Bismuth-212	35	≤ 1.0	<1.0 ± 0.53	<1.2 ± 0.61	NC	NC	<0.77 ± 0.36	<0.76 ± 0.36	NC	NC
Bismuth-214	35	≤ 1.0	**1.11 ± 0.27**	**0.88 ± 0.27**	23.1	NC	**0.65 ± 0.21**	**0.82 ± 0.21**	23.1	NC
Cesium-137	35	≤ 1.0	<0.12 ± 0.064	<0.11 ± 0.065	NC	NC	<0.13 ± 0.062	**0.094 ± 0.059**	NC	NC
Cobalt-60	35	≤ 1.0	<0.11 ± 0.051	<0.12 ± 0.072	NC	NC	<0.077 ± 0.037	<0.095 ± 0.047	NC	NC
Lead-212	35	≤ 1.0	**0.97 ± 0.19**	**0.98 ± 0.21**	1.0	NC	**0.71 ± 0.15**	**0.55 ± 0.13**	25.4	NC
Lead-214	35	≤ 1.0	**1.02 ± 0.22**	**1.3 ± 0.24**	24.1	NC	**0.74 ± 0.14**	**0.68 ± 0.16**	8.5	NC
Potassium-40	35	≤ 1.0	**14.2 ± 3**	**17.3 ± 3.5**	19.7	NC	**15.1 ± 3**	**15.3 ± 3.2**	1.3	NC
Radium-224	35	≤ 1.0	<1.3 ± 0.92	**3.5 ± 2.3**	NC	NC	**2.0 ± 1.4**	**3.6 ± 2.2**	**57.1**	0.43
Radium-226	35	≤ 1.0	**1.9 ± 1.2**	<1.9 ± 0.99	NC	NC	**1.9 ± 1.1**	<1.4 ± 0.74	NC	NC
Thallium-208	35	≤ 1.0	**0.31 ± 0.12**	**0.27 ± 0.11**	13.8	NC	**0.209 ± 0.081**	**0.196 ± 0.096**	6.4	NC
Thorium-234	35	≤ 1.0	**1.65 ± 0.55**	<1.3 ± 1.1	NC	NC	**1.14 ± 0.55**	<0.87 ± 0.49	NC	NC
Uranium 235 and 236	35	≤ 1.0	<0.42 ± 0.23	<0.44 ± 0.24	NC	NC	<0.33 ± 0.18	<0.32 ± 0.18	NC	NC

TABLE C-5

LABORATORY REPLICATE DATA SAMPLE SUMMARY FOR OT-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

		Field Sample Identification	TS6-SS-153-0000	TS6-SS-153-0000			TS6-SS-183-0000	TS6-SS-183-0000		
		Date Collected	9/25/2003	9/25/2003			9/26/2003	9/26/2003		
		Depth (ft)	0.00 - 0.50	0.00 - 0.50			0.00 - 0.50	0.00 - 0.50		
		Matrix	Soil	Soil			Soil	Soil		
Analyte/Methods (Units)	RPD Limit(%)	RER Limit			RPD	RER			RPD	RER
Radionuclides/E901.1 (pCi/g)										
Actinium-228	35	≤ 1.0	**1.54 ± 0.5**	**1.39 ± 0.42**	10.2	NC	**0.67 ± 0.28**	**0.79 ± 0.34**	16.4	NC
Bismuth-212	35	≤ 1.0	<1.4 ± 0.67	<1.3 ± 0.62	NC	NC	<0.84 ± 0.42	<0.78 ± 0.38	NC	NC
Bismuth-214	35	≤ 1.0	**1.37 ± 0.35**	**1.38 ± 0.34**	0.7	NC	**0.62 ± 0.2**	**0.73 ± 0.21**	16.3	NC
Cesium-137	35	≤ 1.0	<0.13 ± 0.067	<0.13 ± 0.068	NC	NC	**0.102 ± 0.069**	<0.12 ± 0.06	NC	NC
Cobalt-60	35	≤ 1.0	<0.086 ± 0.041	<0.13 ± 0.069	NC	NC	<0.096 ± 0.049	<0.08 ± 0.045	NC	NC
Lead-212	35	≤ 1.0	**1.4 ± 0.28**	**1.21 ± 0.27**	14.6	NC	**0.78 ± 0.17**	**0.89 ± 0.21**	13.2	NC
Lead-214	35	≤ 1.0	**1.38 ± 0.26**	**1.3 ± 0.28**	6.0	NC	**0.67 ± 0.16**	**0.74 ± 0.17**	9.9	NC
Potassium-40	35	≤ 1.0	**15.7 ± 3.3**	**17.6 ± 3.6**	11.4	NC	**17.6 ± 3.4**	**15.9 ± 3.1**	10.1	NC
Radium-224	35	≤ 1.0	**4.3 ± 2.8**	**5.5 ± 3.5**	24.5	NC	**3.6 ± 2.3**	**1.8 ± 1.4**	**66.7**	0.48
Radium-226	35	≤ 1.0	<2.3 ± 1.2	<2.2 ± 1.2	NC	NC	<1.1 ± 0.87	<1.5 ± 0.79	NC	NC
Thallium-208	35	≤ 1.0	**0.44 ± 0.14**	**0.63 ± 0.15**	**35.5**	0.57	**0.31 ± 0.11**	**0.262 ± 0.088**	16.8	NC
Thorium-234	35	≤ 1.0	<1.5 ± 0.82	**1.61 ± 0.6**	NC	NC	<0.95 ± 0.52	<0.87 ± 0.47	NC	NC
Uranium 235 and 236	35	≤ 1.0	<0.48 ± 0.27	<0.53 ± 0.29	NC	NC	<0.35 ± 0.2	<0.38 ± 0.2	NC	NC

TABLE C-5

LABORATORY REPLICATE DATA SAMPLE SUMMARY FOR OT-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

		Field Sample Identification	TS6-SS-203-0000	TS6-SS-203-0000			TS6-SS-227-0000	TS6-SS-227-0000		
		Date Collected	9/26/2003	9/26/2003			9/26/2003	9/26/2003		
		Depth (ft)	0.00 - 0.50	0.00 - 0.50			0.00 - 0.50	0.00 - 0.50		
		Matrix	Soil	Soil			Soil	Soil		
Analyte/Methods (Units)	**RPD Limit(%)**	**RER Limit**			**RPD**	**RER**			**RPD**	**RER**
Radionuclides/E901.1 (pCi/g)										
Actinium-228	35	≤ 1.0	**1.56 ± 0.5**	**1.77 ± 0.54**	12.6	NC	**0.73 ± 0.35**	**0.53 ± 0.24**	31.7	NC
Bismuth-212	35	≤ 1.0	<1.4 ± 0.63	**1.39 ± 0.78**	NC	NC	<0.82 ± 0.4	<0.73 ± 0.34	NC	NC
Bismuth-214	35	≤ 1.0	**1.21 ± 0.33**	**1.21 ± 0.35**	0.0	NC	**0.59 ± 0.2**	**0.8 ± 0.21**	30.2	NC
Cesium-137	35	≤ 1.0	<0.14 ± 0.076	<0.13 ± 0.072	NC	NC	<0.094 ± 0.048	<0.07 ± 0.036	NC	NC
Cobalt-60	35	≤ 1.0	<0.17 ± 0.073	<0.16 ± 0.079	NC	NC	<0.095 ± 0.044	<0.11 ± 0.056	NC	NC
Lead-212	35	≤ 1.0	**1.95 ± 0.36**	**1.56 ± 0.34**	22.2	NC	**0.54 ± 0.16**	**0.52 ± 0.14**	3.8	NC
Lead-214	35	≤ 1.0	**1.38 ± 0.28**	**1.36 ± 0.29**	1.5	NC	**0.75 ± 0.19**	**0.66 ± 0.15**	12.8	NC
Potassium-40	35	≤ 1.0	**19 ± 3.8**	**16.4 ± 3.5**	14.7	NC	**15.8 ± 3.2**	**14.7 ± 2.9**	7.2	NC
Radium-224	35	≤ 1.0	**4.2 ± 2.6**	**4.8 ± 3.2**	13.3	NC	<1.8 ± 1.3	<1.6 ± 1.3	NC	NC
Radium-226	35	≤ 1.0	**2.5 ± 1.2**	<2.7 ± 1.4	NC	NC	<1.7 ± 0.83	<0.95 ± 0.76	NC	NC
Thallium-208	35	≤ 1.0	**0.64 ± 0.18**	**0.65 ± 0.18**	1.6	NC	**0.254 ± 0.083**	**0.232 ± 0.084**	9.1	NC
Thorium-234	35	≤ 1.0	**2.0 ± 0.91**	**2.33 ± 0.96**	15.2	NC	<1.0 ± 0.53	<0.9 ± 0.48	NC	NC
Uranium 235 and 236	35	≤ 1.0	<0.59 ± 0.32	<0.55 ± 0.33	NC	NC	<0.4 ± 0.22	<0.29 ± 0.17	NC	NC

TABLE C-5

LABORATORY REPLICATE DATA SAMPLE SUMMARY FOR OT-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

		Field Sample Identification	TS6-SS-267-0000	TS6-SS-267-0000			TS6-SS-293-0000	TS6-SS-293-0000		
		Date Collected	9/27/2003	9/27/2003			9/30/2003	9/30/2003		
		Depth (ft)	0.00 - 0.50	0.00 - 0.50			0.00 - 0.50	0.00 - 0.50		
		Matrix	Soil	Soil			Soil	Soil		
Analyte/Methods (Units)	**RPD Limit(%)**	**RER Limit**			**RPD**	**RER**			**RPD**	**RER**
Radionuclides/E901.1 (pCi/g)										
Actinium-228	35	≤ 1.0	**1.16 ± 0.36**	**1.02 ± 0.3**	12.8	NC	**1.55 ± 0.46**	**1.23 ± 0.4**	23.0	NC
Bismuth-212	35	≤ 1.0	<0.86 ± 0.4	**0.97 ± 0.44**	NC	NC	<1.2 ± 0.57	<1.3 ± 0.62	NC	NC
Bismuth-214	35	≤ 1.0	**0.67 ± 0.24**	**0.72 ± 0.19**	7.2	NC	**0.9 ± 0.33**	**0.9 ± 0.31**	0.0	NC
Cesium-137	35	≤ 1.0	<0.11 ± 0.056	<0.088 ± 0.042	NC	NC	<0.16 ± 0.08	<0.2 ± 0.098	NC	NC
Cobalt-60	35	≤ 1.0	<0.093 ± 0.051	<0.082 ± 0.037	NC	NC	<0.097 ± 0.049	<0.12 ± 0.066	NC	NC
Lead-212	35	≤ 1.0	**1.02 ± 0.22**	**0.88 ± 0.18**	14.7	NC	**1.22 ± 0.27**	**1.43 ± 0.29**	15.8	NC
Lead-214	35	≤ 1.0	**0.8 ± 0.18**	**0.62 ± 0.14**	25.4	NC	**1.3 ± 0.25**	**1.0 ± 0.25**	26.1	NC
Potassium-40	35	≤ 1.0	**13.2 ± 2.7**	**11.6 ± 2.3**	12.9	NC	**17.7 ± 3.7**	**16 ± 3.4**	10.1	NC
Radium-224	35	≤ 1.0	<1.7 ± 1.4	**2.3 ± 1.6**	NC	NC	**3.3 ± 2.4**	**3.6 ± 2.4**	8.7	NC
Radium-226	35	≤ 1.0	<1.3 ± 01± 1	**1.49 ± 0.84**	NC	NC	**1.7 ± 1.4**	<2.3 ± 1.2	NC	NC
Thallium-208	35	≤ 1.0	**0.36 ± 0.11**	**0.328 ± 0.097**	9.3	NC	**0.55 ± 0.16**	**0.51 ± 0.14**	7.5	NC
Thorium-234	35	≤ 1.0	<0.97 ± 0.58	<0.88 ± 0.48	NC	NC	**1.48 ± 0.82**	<1.4 ± 0.75	NC	NC
Uranium 235 and 236	35	≤ 1.0	<0.39 ± 0.21	<0.34 ± 0.18	NC	NC	<0.5 ± 0.26	<0.57 ± 0.31	NC	NC

TABLE C-5

LABORATORY REPLICATE DATA SAMPLE SUMMARY FOR OT-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

		Field Sample Identification	TS6-SS-307-0000	TS6-SS-307-0000			TS6-SS-313-0000	TS6-SS-313-0000		
		Date Collected	9/29/2003	9/29/2003			9/27/2003	9/27/2003		
		Depth (ft)	0.00 - 0.50	0.00 - 0.50			0.00 - 0.50	0.00 - 0.50		
		Matrix	Soil	Soil			Soil	Soil		
Analyte/Methods (Units)	**RPD Limit(%)**	**RER Limit**			**RPD**	**RER**			**RPD**	**RER**
Radionuclides/E901.1 (pCi/g)										
Actinium-228	35	≤ 1.0	**0.7 ± 0.24**	**0.84 ± 0.36**	18.2	NC	**1.01 ± 0.34**	**1.0 ± 0.39**	1.0	NC
Bismuth-212	35	≤ 1.0	<0.72 ± 0.34	**1.33 ± 0.49**	NC	NC	<0.91 ± 0.46	**0.81 ± 0.53**	NC	NC
Bismuth-214	35	≤ 1.0	**0.6 ± 0.18**	**0.72 ± 0.2**	18.2	NC	**0.89 ± 0.24**	**1.24 ± 0.31**	32.9	NC
Cesium-137	35	≤ 1.0	**0.1 ± 0.062**	<0.12 ± 0.059	NC	NC	<0.092 ± 0.051	<0.097 ± 0.056	NC	NC
Cobalt-60	35	≤ 1.0	<0.098 ± 0.044	<0.099 ± 0.046	NC	NC	<0.089 ± 0.051	<0.086 ± 0.05	NC	NC
Lead-212	35	≤ 1.0	**0.74 ± 0.15**	**0.67 ± 0.17**	9.9	NC	**0.73 ± 0.18**	**0.95 ± 0.19**	26.2	NC
Lead-214	35	≤ 1.0	**0.73 ± 0.14**	**0.76 ± 0.17**	4.0	NC	**1.03 ± 0.2**	**0.96 ± 0.19**	7.0	NC
Potassium-40	35	≤ 1.0	**13.4 ± 2.6**	**13.5 ± 2.8**	0.7	NC	**15.9 ± 3.2**	**17.2 ± 3.4**	7.9	NC
Radium-224	35	≤ 1.0	**1.7 ± 1.2**	<1.6 ± 1.2	NC	NC	**4.5 ± 2.8**	**3.1 ± 2**	**36.8**	0.28
Radium-226	35	≤ 1.0	**1.54 ± 0.83**	<1.2 ± 1.1	NC	NC	**1.7 ± 1.1**	**2.0 ± 1.4**	16.2	NC
Thallium-208	35	≤ 1.0	**0.214 ± 0.078**	**0.178 ± 0.087**	18.4	NC	**0.23 ± 0.11**	**0.35 ± 0.11**	**41.4**	0.51
Thorium-234	35	≤ 1.0	<0.83 ± 0.44	<0.96 ± 0.53	NC	NC	**1.2 ± 0.58**	<1.1 ± 0.62	NC	NC
Uranium 235 and 236	35	≤ 1.0	<0.34 ± 0.18	<0.38 ± 0.2	NC	NC	<0.38 ± 0.22	<0.44 ± 0.24	NC	NC

TABLE C-5

LABORATORY REPLICATE DATA SAMPLE SUMMARY FOR OT-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

		Field Sample Identification	TS6-SS-357-0000	TS6-SS-357-0000			TS6-SS-363-0000	TS6-SS-363-0000		
		Date Collected	9/29/2003	9/29/2003			9/29/2003	9/29/2003		
		Depth (ft)	0.00 - 0.50	0.00 - 0.50			0.00 - 0.50	0.00 - 0.50		
		Matrix	Soil	Soil			Soil	Soil		
Analyte/Methods (Units)	**RPD Limit(%)**	**RER Limit**			**RPD**	**RER**			**RPD**	**RER**
Radionuclides/E901.1 (pCi/g)										
Actinium-228	35	≤ 1.0	**1.0 ± 0.42**	**1.17 ± 0.41**	15.7	NC	**1.04 ± 0.31**	**0.97 ± 0.3**	7.0	NC
Bismuth-212	35	≤ 1.0	<1.1 ± 0.58	<1.1 ± 0.54	NC	NC	<0.92 ± 0.47	<0.56 ± 0.36	NC	NC
Bismuth-214	35	≤ 1.0	**1.11 ± 0.29**	**0.98 ± 0.3**	12.4	NC	**1.08 ± 0.28**	**0.89 ± 0.22**	19.3	NC
Cesium-137	35	≤ 1.0	<0.13 ± 0.064	<0.12 ± 0.059	NC	NC	<0.11 ± 0.056	<0.11 ± 0.053	NC	NC
Cobalt-60	35	≤ 1.0	<0.12 ± 0.059	<0.098 ± 0.075	NC	NC	<0.1 ± 0.043	<0.099 ± 0.054	NC	NC
Lead-212	35	≤ 1.0	**1.06 ± 0.24**	**1.08 ± 0.21**	1.9	NC	**0.72 ± 0.18**	**0.84 ± 0.17**	15.4	NC
Lead-214	35	≤ 1.0	**1.22 ± 0.25**	**1.12 ± 0.24**	8.5	NC	**1.03 ± 0.24**	**1.11 ± 0.2**	7.5	NC
Potassium-40	35	≤ 1.0	**14.2 ± 3.2**	**14.3 ± 3.6**	0.7	NC	**15.1 ± 3.2**	**13.6 ± 2.7**	10.5	NC
Radium-224	35	≤ 1.0	**2.8 ± 2.1**	**2.6 ± 1.7**	7.4	NC	**3.1 ± 2.1**	**3.1 ± 2**	0.0	NC
Radium-226	35	≤ 1.0	<2.0 ± 01± 1	**2.0 ± 1.4**	NC	NC	**1.9 ± 1.2**	<1.5 ± 0.81	NC	NC
Thallium-208	35	≤ 1.0	**0.38 ± 0.14**	**0.38 ± 0.12**	0.0	NC	**0.27 ± 0.1**	**0.315 ± 0.098**	15.4	NC
Thorium-234	35	≤ 1.0	**1.33 ± 0.56**	**1.61 ± 0.72**	19.0	NC	<1.1 ± 0.61	<1.1 ± 0.57	NC	NC
Uranium 235 and 236	35	≤ 1.0	<0.45 ± 0.25	<0.47 ± 0.26	NC	NC	<0.4 ± 0.22	<0.35 ± 0.2	NC	NC

TABLE C-5

LABORATORY REPLICATE DATA SAMPLE SUMMARY FOR OT-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

		Field Sample Identification	TS6-SS-373-0000	TS6-SS-373-0000			TS7-SS-21-0000	TS7-SS-21-0000		
		Date Collected	9/29/2003	9/29/2003			9/22/2003	9/22/2003		
		Depth (ft)	0.00 - 0.50	0.00 - 0.50			0.00 - 0.50	0.00 - 0.50		
		Matrix	Soil	Soil			Soil	Soil		
Analyte/Methods (Units)	RPD Limit(%)	RER Limit			RPD	RER			RPD	RER
Radionuclides/E901.1 (pCi/g)										
Actinium-228	35	≤ 1.0	**0.74 ± 0.36**	**1.06 ± 0.4**	**35.6**	0.40	**1.04 ± 0.27**	**0.9 ± 0.28**	14.4	NC
Bismuth-212	35	≤ 1.0	<1.2 ± 0.54	<1.1 ± 0.54	NC	NC	<0.59 ± 0.45	<0.78 ± 0.38	NC	NC
Bismuth-214	35	≤ 1.0	**0.91 ± 0.27**	**1.16 ± 0.31**	24.2	NC	**0.79 ± 0.23**	**0.62 ± 0.2**	24.1	NC
Cesium-137	35	≤ 1.0	<0.12 ± 0.062	<0.1 ± 0.053	NC	NC	<0.07 ± 0.06	<0.11 ± 0.055	NC	NC
Cobalt-60	35	≤ 1.0	<0.1 ± 0.056	<0.12 ± 0.056	NC	NC	<0.079 ± 0.043	<0.11 ± 0.051	NC	NC
Lead-212	35	≤ 1.0	**0.84 ± 0.2**	**0.9 ± 0.22**	6.9	NC	**0.85 ± 0.17**	**0.92 ± 0.19**	7.9	NC
Lead-214	35	≤ 1.0	**0.87 ± 0.23**	**1.0 ± 0.21**	13.9	NC	**0.68 ± 0.15**	**0.68 ± 0.16**	0.0	NC
Potassium-40	35	≤ 1.0	**15.8 ± 3.4**	**19.3 ± 3.8**	19.9	NC	**14.9 ± 2.9**	**14.5 ± 2.8**	2.7	NC
Radium-224	35	≤ 1.0	**2.7 ± 1.9**	**2.5 ± 1.8**	7.7	NC	**2.4 ± 1.7**	**2.1 ± 1.5**	13.3	NC
Radium-226	35	≤ 1.0	<2.1 ± 1.1	**2.2 ± 01± 1**	NC	NC	**1.4 ± 01± 1**	<1.5 ± 0.79	NC	NC
Thallium-208	35	≤ 1.0	**0.35 ± 0.12**	**0.29 ± 0.12**	18.8	NC	**0.337 ± 0.097**	**0.37 ± 0.11**	9.3	NC
Thorium-234	35	≤ 1.0	<1.3 ± 0.69	<1.1 ± 0.63	NC	NC	<0.85 ± 0.5	<0.9 ± 0.5	NC	NC
Uranium 235 and 236	35	≤ 1.0	<0.47 ± 0.26	<0.36 ± 0.22	NC	NC	<0.34 ± 0.19	<0.38 ± 0.21	NC	NC

TABLE C-5

LABORATORY REPLICATE DATA SAMPLE SUMMARY FOR OT-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

		Field Sample Identification	TS7-SS-22-0000	TS7-SS-22A-0000			TS7-SS-41-0000	TS7-SS-41-0000		
		Date Collected	9/22/2003	9/22/2003			9/22/2003	9/22/2003		
		Depth (ft)	0.00 - 0.50	0.00 - 0.50			0.00 - 0.50	0.00 - 0.50		
		Matrix	Soil	Soil			Soil	Soil		
Analyte/Methods (Units)	RPD Limit(%)	RER Limit			RPD	RER			RPD	RER
Radionuclides/E901.1 (pCi/g)										
Actinium-228	35	≤ 1.0	**3.18 ± 0.71**	**3.06 ± 0.66**	3.8	NC	**1.13 ± 0.35**	**1.06 ± 0.32**	6.4	NC
Bismuth-212	35	≤ 1.0	**2.12 ± 0.94**	**2.22 ± 0.83**	4.6	NC	<1.1 ± 0.56	<0.96 ± 0.48	NC	NC
Bismuth-214	35	≤ 1.0	**0.77 ± 0.23**	**0.75 ± 0.23**	2.6	NC	**1.03 ± 0.26**	**0.65 ± 0.23**	**45.2**	0.69
Cesium-137	35	≤ 1.0	<0.16 ± 0.08	<0.13 ± 0.069	NC	NC	<0.13 ± 0.064	<0.14 ± 0.068	NC	NC
Cobalt-60	35	≤ 1.0	<0.11 ± 0.052	<0.13 ± 0.068	NC	NC	<0.13 ± 0.059	<0.093 ± 0.044	NC	NC
Lead-212	35	≤ 1.0	**2.96 ± 0.51**	**2.81 ± 0.47**	5.2	NC	**1.03 ± 0.23**	**0.94 ± 0.23**	9.1	NC
Lead-214	35	≤ 1.0	**0.84 ± 0.2**	**0.75 ± 0.16**	11.3	NC	**0.93 ± 0.22**	**0.91 ± 0.2**	2.2	NC
Potassium-40	35	≤ 1.0	**15.9 ± 3.2**	**15.3 ± 3.1**	3.8	NC	**15.9 ± 3.3**	**15.1 ± 3.1**	5.2	NC
Radium-224	35	≤ 1.0	**4.6 ± 3**	**9.2 ± 5.5**	**66.7**	0.53	**3.1 ± 2.1**	**2.3 ± 1.8**	29.6	NC
Radium-226	35	≤ 1.0	<2.1 ± 1.1	**2.0 ± 1.4**	NC	NC	<1.8 ± 0.96	<1.9 ± 0.96	NC	NC
Thallium-208	35	≤ 1.0	**0.92 ± 0.21**	**0.98 ± 0.2**	6.3	NC	**0.36 ± 0.11**	**0.32 ± 0.11**	11.8	NC
Thorium-234	35	≤ 1.0	**1.8 ± 0.86**	**2.15 ± 0.61**	17.7	NC	<1.0 ± 0.43	<1.1 ± 0.6	NC	NC
Uranium 235 and 236	35	≤ 1.0	<0.55 ± 0.31	<0.47 ± 0.27	NC	NC	<0.39 ± 0.23	<0.46 ± 0.26	NC	NC

TABLE C-5

LABORATORY REPLICATE DATA SAMPLE SUMMARY FOR OT-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

		Field Sample Identification	TS7-SS-61-0000	TS7-SS-61-0000			TS7-SS-81-0000	TS7-SS-81-0000		
		Date Collected	9/22/2003	9/22/2003			9/23/2003	9/23/2003		
		Depth (ft)	0.00 - 0.50	0.00 - 0.50			0.00 - 0.50	0.00 - 0.50		
		Matrix	Soil	Soil			Soil	Soil		
Analyte/Methods (Units)	**RPD Limit(%)**	**RER Limit**			**RPD**	**RER**			**RPD**	**RER**
Radionuclides/E901.1 (pCi/g)										
Actinium-228	35	≤ 1.0	<0.66 ± 0.34	**0.98 ± 0.3**	NC	NC	**0.69 ± 0.3**	**0.69 ± 0.26**	0.0	NC
Bismuth-212	35	≤ 1.0	<0.81 ± 0.38	<0.89 ± 0.41	NC	NC	<0.81 ± 0.42	<0.85 ± 0.42	NC	NC
Bismuth-214	35	≤ 1.0	**0.8 ± 0.23**	**0.59 ± 0.19**	30.2	NC	**0.72 ± 0.22**	**0.62 ± 0.2**	14.9	NC
Cesium-137	35	≤ 1.0	<0.094 ± 0.047	<0.076 ± 0.044	NC	NC	<0.099 ± 0.046	<0.11 ± 0.054	NC	NC
Cobalt-60	35	≤ 1.0	<0.097 ± 0.051	<0.11 ± 0.056	NC	NC	<0.09 ± 0.054	<0.083 ± 0.041	NC	NC
Lead-212	35	≤ 1.0	**0.95 ± 0.22**	**0.79 ± 0.18**	18.4	NC	**0.61 ± 0.17**	**0.68 ± 0.14**	10.9	NC
Lead-214	35	≤ 1.0	**0.81 ± 0.2**	**0.74 ± 0.16**	9.0	NC	**0.97 ± 0.19**	**0.75 ± 0.15**	25.6	NC
Potassium-40	35	≤ 1.0	**14.8 ± 3**	**14.2 ± 2.9**	4.1	NC	**15.5 ± 3**	**15.9 ± 3**	2.5	NC
Radium-224	35	≤ 1.0	<1.9 ± 1.5	**2.0 ± 1.5**	NC	NC	**2.3 ± 1.6**	**3.1 ± 2**	29.6	NC
Radium-226	35	≤ 1.0	<1.3 ± 01± 1	**1.57 ± 0.78**	NC	NC	<1.5 ± 0.76	<1.3 ± 0.7	NC	NC
Thallium-208	35	≤ 1.0	**0.34 ± 0.11**	**0.37 ± 0.11**	8.5	NC	**0.29 ± 0.12**	**0.34 ± 0.11**	15.9	NC
Thorium-234	35	≤ 1.0	<0.98 ± 0.54	**0.98 ± 0.73**	NC	NC	<0.92 ± 0.51	<0.95 ± 0.52	NC	NC
Uranium 235 and 236	35	≤ 1.0	<0.38 ± 0.22	<0.34 ± 0.19	NC	NC	<0.39 ± 0.22	<0.33 ± 0.19	NC	NC

TABLE C-5

LABORATORY REPLICATE DATA SAMPLE SUMMARY FOR OT-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

Field Sample Identification			TS7-SS-101-0000	TS7-SS-101-0000			TS8-SS-38-0000	TS8-SS-38-0000		
Date Collected			9/22/2003	9/22/2003			9/30/2003	9/30/2003		
Depth (ft)			0.00 - 0.50	0.00 - 0.50			0.00 - 0.50	0.00 - 0.50		
Matrix			Soil	Soil			Soil	Soil		
Analyte/Methods (Units)	RPD Limit(%)	RER Limit			RPD	RER			RPD	RER
Radionuclides/E901.1 (pCi/g)										
Actinium-228	35	≤ 1.0	**0.72 ± 0.25**	**0.92 ± 0.31**	24.4	NC	**0.7 ± 0.31**	**0.8 ± 0.26**	13.3	NC
Bismuth-212	35	≤ 1.0	<0.79 ± 0.38	<0.91 ± 0.44	NC	NC	<0.9 ± 0.43	<0.77 ± 0.37	NC	NC
Bismuth-214	35	≤ 1.0	**0.71 ± 0.22**	**0.72 ± 0.21**	1.4	NC	**0.69 ± 0.2**	**0.7 ± 0.2**	1.4	NC
Cesium-137	35	≤ 1.0	<0.092 ± 0.053	<0.099 ± 0.048	NC	NC	<0.093 ± 0.047	<0.073 ± 0.042	NC	NC
Cobalt-60	35	≤ 1.0	<0.097 ± 0.051	<0.081 ± 0.037	NC	NC	<0.098 ± 0.049	<0.09 ± 0.042	NC	NC
Lead-212	35	≤ 1.0	**0.8 ± 0.18**	**0.64 ± 0.16**	22.2	NC	**0.73 ± 0.18**	**0.68 ± 0.14**	7.1	NC
Lead-214	35	≤ 1.0	**0.73 ± 0.16**	**0.7 ± 0.15**	4.2	NC	**0.65 ± 0.15**	**0.83 ± 0.15**	24.3	NC
Potassium-40	35	≤ 1.0	**15.7 ± 3.1**	**16.9 ± 3.2**	7.4	NC	**17.2 ± 3.3**	**16.7 ± 3.1**	2.9	NC
Radium-224	35	≤ 1.0	**3.5 ± 2.2**	**2.5 ± 1.8**	33.3	NC	**2.8 ± 1.8**	**1.7 ± 1.2**	**48.9**	0.31
Radium-226	35	≤ 1.0	<1.4 ± 0.72	<1.5 ± 0.8	NC	NC	<1.1 ± 0.86	**1.15 ± 0.87**	NC	NC
Thallium-208	35	≤ 1.0	**0.236 ± 0.079**	**0.229 ± 0.081**	3.0	NC	**0.277 ± 0.088**	**0.278 ± 0.09**	0.4	NC
Thorium-234	35	≤ 1.0	**0.93 ± 0.52**	<0.99 ± 0.54	NC	NC	**1.65 ± 0.86**	<0.8 ± 0.43	NC	NC
Uranium 235 and 236	35	≤ 1.0	<0.33 ± 0.18	<0.37 ± 0.2	NC	NC	<0.36 ± 0.2	<0.33 ± 0.18	NC	NC

TABLE C-5

LABORATORY REPLICATE DATA SAMPLE SUMMARY FOR OT-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

		Field Sample Identification	TS8-SS-55-0000	TS8-SS-55A-0000			TS8-SS-58-0000	TS8-SS-58-0000		
		Date Collected	10/1/2003	10/1/2003			10/1/2003	10/1/2003		
		Depth (ft)	0.00 - 0.50	0.00 - 0.50			0.00 - 0.50	0.00 - 0.50		
		Matrix	Soil	Soil			Soil	Soil		
Analyte/Methods (Units)	RPD Limit(%)	RER Limit			RPD	RER			RPD	RER
Radionuclides/E901.1 (pCi/g)										
Actinium-228	35	≤ 1.0	**0.95 ± 0.32**	**0.85 ± 0.3**	11.1	NC	**0.76 ± 0.31**	**0.98 ± 0.3**	25.3	NC
Bismuth-212	35	≤ 1.0	<0.92 ± 0.43	**0.7 ± 0.39**	NC	NC	<0.76 ± 0.37	<0.84 ± 0.41	NC	NC
Bismuth-214	35	≤ 1.0	**0.76 ± 0.23**	**0.8 ± 0.22**	5.1	NC	**0.76 ± 0.19**	**0.7 ± 0.23**	8.2	NC
Cesium-137	35	≤ 1.0	<0.099 ± 0.05	<0.07 ± 0.041	NC	NC	<0.1 ± 0.052	<0.11 ± 0.057	NC	NC
Cobalt-60	35	≤ 1.0	<0.1 ± 0.054	<0.11 ± 0.054	NC	NC	<0.085 ± 0.041	<0.12 ± 0.06	NC	NC
Lead-212	35	≤ 1.0	**0.85 ± 0.2**	**0.79 ± 0.16**	7.3	NC	**0.87 ± 0.18**	**0.95 ± 0.21**	8.8	NC
Lead-214	35	≤ 1.0	**0.83 ± 0.18**	**0.84 ± 0.16**	1.2	NC	**0.8 ± 0.17**	**0.8 ± 0.18**	0.0	NC
Potassium-40	35	≤ 1.0	**19.9 ± 3.9**	**20 ± 3.7**	0.5	NC	**17.7 ± 3.2**	**18.2 ± 3.4**	2.8	NC
Radium-224	35	≤ 1.0	**2.2 ± 1.6**	**2.2 ± 1.5**	0.0	NC	**2.4 ± 1.6**	**2.1 ± 1.5**	13.3	NC
Radium-226	35	≤ 1.0	<1.6 ± 0.83	<1.4 ± 0.75	NC	NC	<1.3 ± 0.72	<1.6 ± 0.84	NC	NC
Thallium-208	35	≤ 1.0	**0.32 ± 0.1**	**0.244 ± 0.086**	27.0	NC	**0.331 ± 0.098**	**0.35 ± 0.11**	5.6	NC
Thorium-234	35	≤ 1.0	**1.22 ± 0.61**	<0.94 ± 0.51	NC	NC	**1.27 ± 0.61**	**0.99 ± 0.39**	24.8	NC
Uranium 235 and 236	35	≤ 1.0	<0.41 ± 0.23	<0.34 ± 0.2	NC	NC	<0.3 ± 0.17	<0.38 ± 0.21	NC	NC

TABLE C-5

LABORATORY REPLICATE DATA SAMPLE SUMMARY FOR OT-10
KIRTLAND AFB, ALBUQUERQUE, NEW MEXICO

		Field Sample Identification	TS8-SS-78-0000	TS8-SS-78-0000			TS8-SS-97-0000	TS8-SS-97A-0000		
		Date Collected	9/30/2003	9/30/2003			10/6/2003	10/6/2003		
		Depth (ft)	0.00 - 0.50	0.00 - 0.50			0.00 - 0.50	0.00 - 0.50		
		Matrix	Soil	Soil			Soil	Soil		
Analyte/Methods (Units)	**RPD Limit(%)**	**RER Limit**			**RPD**	**RER**			**RPD**	**RER**
Radionuclides/E901.1 (pCi/g)										
Actinium-228	35	≤ 1.0	**0.75 ± 0.22**	**0.73 ± 0.29**	2.7	NC	**2.1 ± 0.58**	**2.02 ± 0.55**	3.9	NC
Bismuth-212	35	≤ 1.0	<0.76 ± 0.37	<0.89 ± 0.43	NC	NC	**1.76 ± 0.72**	**1.01 ± 0.65**	**54.2**	0.52
Bismuth-214	35	≤ 1.0	**0.58 ± 0.18**	**0.7 ± 0.18**	18.8	NC	**0.92 ± 0.24**	**0.75 ± 0.23**	20.4	NC
Cesium-137	35	≤ 1.0	<0.083 ± 0.041	<0.09 ± 0.045	NC	NC	**0.44 ± 0.14**	**0.43 ± 0.16**	2.3	NC
Cobalt-60	35	≤ 1.0	<0.094 ± 0.041	<0.082 ± 0.047	NC	NC	<0.083 ± 0.05	<0.085 ± 0.055	NC	NC
Lead-212	35	≤ 1.0	**0.45 ± 0.13**	**0.56 ± 0.14**	21.8	NC	**2.27 ± 0.41**	**2.49 ± 0.42**	9.2	NC
Lead-214	35	≤ 1.0	**0.64 ± 0.14**	**0.56 ± 0.14**	13.3	NC	**0.75 ± 0.19**	**0.95 ± 0.21**	23.5	NC
Potassium-40	35	≤ 1.0	**13.8 ± 2.6**	**14.1 ± 2.8**	2.2	NC	**15 ± 3.3**	**16.1 ± 3.2**	7.1	NC
Radium-224	35	≤ 1.0	**1.8 ± 1.3**	<1.4 ± 0.94	NC	NC	**6.9 ± 4.3**	**3.1 ± 2**	**76.0**	0.59
Radium-226	35	≤ 1.0	<1.2 ± 0.62	**1.25 ± 0.86**	NC	NC	<1.8 ± 01± 1	<2.0 ± 01± 1	NC	NC
Thallium-208	35	≤ 1.0	**0.212 ± 0.071**	**0.163 ± 0.078**	26.1	NC	**0.85 ± 0.2**	**0.71 ± 0.17**	17.9	NC
Thorium-234	35	≤ 1.0	<0.74 ± 0.29	<0.84 ± 0.46	NC	NC	**2.31 ± 0.64**	**2.42 ± 0.83**	4.7	NC
Uranium 235 and 236	35	≤ 1.0	<0.27 ± 0.14	<0.32 ± 0.18	NC	NC	<0.51 ± 0.29	<0.51 ± 0.29	NC	NC

Notes:

%	percent
NC	not calculated
pCi/g	picocuries per gram
RPD	relative percent difference
RER	replicate error ratio

APPENDIX D

WILCOXON RANK SUM TEST
EVALUATION OF FINAL STATUS SURVEY DATA

470562

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 5-1

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS5-SS-21-0000	0	S	0	1
TS5-SS-22-0000	0.9	S	0.9	4.5
TS5-SS-23-0000	1.48	S	1.48	8.5
TS5-SS-24-0000	2.89	S	2.89	10
TS5-SS-25-0000	0.89	S	0.89	3
TS5-SS-26-0000	0.88	S	0.88	2
TS5-SS-27-0000	1.48	S	1.48	8.5
TS5-SS-28-0000	1.15	S	1.15	7
TS5-SS-29-0000	0.9	S	0.9	4.5
TS5-SS-30-0000	0.92	S	0.92	6

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	10

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 5-2

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	41.5
RA-02	0.91	R	6.61	39
RA-03	0	R	5.7	29
RA-04	0	R	5.7	29
RA-05	0	R	5.7	29
RA-06	0	R	5.7	29
RA-07	1	R	6.7	40
RA-08	0	R	5.7	29
RA-09	1.1	R	6.8	43
RA-10ave	0.895	R	6.595	38
RA-11	1.04	R	6.74	41.5
RA-12	0.86	R	6.56	35
RA-13	0	R	5.7	29
RA-14	1.22	R	6.92	44
RA-15	0.87	R	6.57	36.5
RA-16	0	R	5.7	29
RA-17	0.8	R	6.5	34
RA-18	0	R	5.7	29
RA-19	0.87	R	6.57	36.5
RA-20ave	0	R	5.7	29
TS5-SS-31-0000	1.39	S	1.39	22
TS5-SS-32-0000	1.15	S	1.15	15
TS5-SS-33-0000	1.37	S	1.37	21
TS5-SS-34-0000	1.06	S	1.06	11
TS5-SS-35-0000	1.29	S	1.29	18.5
TS5-SS-36-0000	1.06	S	1.06	11
TS5-SS-37-0000	1.08	S	1.08	14
TS5-SS-38-0000	1.02	S	1.02	9
TS5-SS-39-0000	1.2	S	1.2	16.5
TS5-SS-40-0000	1.06	S	1.06	11
TS5-SS-216-0000	1.07	S	1.07	13
TS5-SS-217-0000	1.29	S	1.29	18.5
TS5-SS-218-0000	1.2	S	1.2	16.5
TS5-SS-219-0000	1.32	S	1.32	20
TS5-SS-220-0000	1.59	S	1.59	24
TS5-SS-221-0000	0.95	S	0.95	3.5
TS5-SS-222-0000	0.94	S	0.94	2
TS5-SS-223-0000	1.53	S	1.53	23
TS5-SS-224-0000	1	S	1	7.5

TS5-SS-225-0000	0.95	S	0.95	3.5
TS5-SS-226-0000	0.96	S	0.96	5.5
TS5-SS-227-0000	0	S	0	1
TS5-SS-228-0000	0.96	S	0.96	5.5
TS5-SS-229-0000	1	S	1	7.5

Number of Reference Area Samples:	20
Number of Site Samples:	24
Total Number of Samples:	44
Sum of Ranks:	990
Sum of Reference Area Ranks:	690
Critical Value (for alpha = 0.05)	520
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	11

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 5-3

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS5-SS-41-0000	1	S	1	3
TS5-SS-42-0000	1.12	S	1.12	5
TS5-SS-43-0000	0	S	0	1
TS5-SS-44-0000	1.06	S	1.06	4
TS5-SS-45-0000	0.91	S	0.91	2
TS5-SS-46-0000	1.58	S	1.58	8
TS5-SS-47-0000	1.59	S	1.59	9
TS5-SS-48-0000	1.42	S	1.42	7
TS5-SS-49-0000	1.67	S	1.67	10
TS5-SS-50-0000	1.34	S	1.34	6

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	10

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 5-4

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS5-SS-51-0000	1.17	S	1.17	6
TS5-SS-52-0000	1.5	S	1.5	9
TS5-SS-53-0000	0.95	S	0.95	2
TS5-SS-54-0000	0.9	S	0.9	1
TS5-SS-55-0000	1.06	S	1.06	3
TS5-SS-56-0000	1.36	S	1.36	8
TS5-SS-57-0000	1.14	S	1.14	5
TS5-SS-58-0000	1.12	S	1.12	4
TS5-SS-59-0000	1.18	S	1.18	7
TS5-SS-60-0000	1.62	S	1.62	10

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	9

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 5-5

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	45.5
RA-02	0.91	R	6.61	43
RA-03	0	R	5.7	33
RA-04	0	R	5.7	33
RA-05	0	R	5.7	33
RA-06	0	R	5.7	33
RA-07	1	R	6.7	44
RA-08	0	R	5.7	33
RA-09	1.1	R	6.8	47
RA-10ave	0.895	R	6.595	42
RA-11	1.04	R	6.74	45.5
RA-12	0.86	R	6.56	39
RA-13	0	R	5.7	33
RA-14	1.22	R	6.92	48
RA-15	0.87	R	6.57	40.5
RA-16	0	R	5.7	33
RA-17	0.8	R	6.5	38
RA-18	0	R	5.7	33
RA-19	0.87	R	6.57	40.5
RA-20ave	0	R	5.7	33
TS5-SS-61-0000	1.16	S	1.16	23
TS5-SS-62-0000	2.68	S	2.68	28
TS5-SS-63-0000	2.59	S	2.59	27
TS5-SS-64-0000	0.95	S	0.95	13.5
TS5-SS-65-0000	0.99	S	0.99	17
TS5-SS-66-0000	0.99	S	0.99	17
TS5-SS-67-0000	1.03	S	1.03	20.5
TS5-SS-68-0000	1.23	S	1.23	24
TS5-SS-69-0000	1	S	1	19
TS5-SS-70-0000	0	S	0	3
TS5-SS-230-0000	1.03	S	1.03	20.5
TS5-SS-231-0000	0.99	S	0.99	17
TS5-SS-232-0000	0	S	0	3
TS5-SS-233-0000	0	S	0	3
TS5-SS-234-0000	0.98	S	0.98	15
TS5-SS-235-0000	1.11	S	1.11	22
TS5-SS-236-0000	1.31	S	1.31	25
TS5-SS-237-0000	0	S	0	3
TS5-SS-238-0000	0.87	S	0.87	7

TS5-SS-239-0000	0	S	0	13
TS5-SS-240-0000	0.88	S	0.88	8.5
TS5-SS-241-0000	0.95	S	0.95	13.5
TS5-SS-242-0000	0.9	S	0.9	10.5
TS5-SS-243-0000	0.88	S	0.88	8.5
TS5-SS-244-0000	0.9	S	0.9	10.5
TS5-SS-245-0000	0.82	S	0.82	6
TS5-SS-246-0000	1.38	S	1.38	26
TS5-SS-247-0000	0.91	S	0.91	12

Number of Reference Area Samples:	20
Number of Site Samples:	28
Total Number of Samples:	48
Sum of Ranks:	1176
Sum of Reference Area Ranks:	770
Critical Value (for alpha = 0.05)	569
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	14

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 5-6

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS5-SS-71-0000	1.49	S	1.49	8
TS5-SS-72-0000	1.36	S	1.36	7
TS5-SS-73-0000	1.25	S	1.25	6
TS5-SS-74-0000	1.1	S	1.1	1
TS5-SS-75-0000	2.07	S	2.07	10
TS5-SS-76-0000	1.72	S	1.72	9
TS5-SS-77-0000	1.15	S	1.15	2
TS5-SS-78-0000	1.22	S	1.22	4
TS5-SS-79-0000	1.23	S	1.23	5
TS5-SS-80-0000	1.16	S	1.16	3

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	9

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 5-7

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS5-SS-81-0000	1.67	S	1.67	10
TS5-SS-82-0000	1	S	1	4
TS5-SS-83-0000	0.88	S	0.88	2
TS5-SS-84-0000	1.17	S	1.17	6
TS5-SS-85-0000	1.29	S	1.29	8.5
TS5-SS-86-0000	0.94	S	0.94	3
TS5-SS-87-0000	1.19	S	1.19	7
TS5-SS-88-0000	1.29	S	1.29	8.5
TS5-SS-89-0000	0	S	0	1
TS5-SS-90-0000	1.13	S	1.13	5

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	10

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 5-8

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS5-SS-91-0000	1.17	S	1.17	9
TS5-SS-92-0000	1.15	S	1.15	7
TS5-SS-93-0000	0.97	S	0.97	4
TS5-SS-94-0000	1.1	S	1.1	6
TS5-SS-95-0000	0	S	0	1
TS5-SS-96-0000	1.16	S	1.16	8
TS5-SS-97-0000	1.28	S	1.28	10
TS5-SS-98-0000	0.96	S	0.96	3
TS5-SS-99-0000	0.99	S	0.99	5
TS5-SS-100-0000	0.82	S	0.82	2

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	10

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 5-9

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS5-SS-101-0000	1.39	S	1.39	8
TS5-SS-102-0000	1.06	S	1.06	4
TS5-SS-103-0000	1.72	S	1.72	9
TS5-SS-104-0000	1.21	S	1.21	6
TS5-SS-105-0000	1.17	S	1.17	5
TS5-SS-106-0000	1.37	S	1.37	7
TS5-SS-107-0000	1	S	1	2.5
TS5-SS-108-0000	2.65	S	2.65	10
TS5-SS-109-0000	1	S	1	2.5
TS5-SS-110-0000	0	S	0	1

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	10

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Training Site 5-10

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	30.5
RA-02	0.91	R	6.61	28
RA-03	0	R	5.7	18
RA-04	0	R	5.7	18
RA-05	0	R	5.7	18
RA-06	0	R	5.7	18
RA-07	1	R	6.7	29
RA-08	0	R	5.7	18
RA-09	1.1	R	6.8	32
RA-10ave	0.895	R	6.595	27
RA-11	1.04	R	6.74	30.5
RA-12	0.86	R	6.56	24
RA-13	0	R	5.7	18
RA-14	1.22	R	6.92	33
RA-15	0.87	R	6.57	25.5
RA-16	0	R	5.7	18
RA-17	0.8	R	6.5	23
RA-18	0	R	5.7	18
RA-19	0.87	R	6.57	25.5
RA-20ave	0	R	5.7	18
TS5-SS-111-0000	1.11	S	1.11	6
TS5-SS-112-0000	1.21	S	1.21	8
TS5-SS-113-0000	1.09	S	1.09	5
TS5-SS-114-0000	1.05	S	1.05	4
TS5-SS-115-0000	2.07	S	2.07	12
TS5-SS-116-0000	1.36	S	1.36	10
TS5-SS-117-0000	3.02	S	3.02	13
TS5-SS-118-0000	1.23	S	1.23	9
TS5-SS-119-0000	1.47	S	1.47	11
TS5-SS-120-0000	1.14	S	1.14	7
TS5-SS-253-0000	1.03	S	1.03	3
TS5-SS-254-0000	0.95	S	0.95	2
TS5-SS-255-0000	0.9	S	0.9	1

Number of Reference Area Samples:	20
Number of Site Samples:	13
Total Number of Samples:	33
Sum of Ranks:	561
Sum of Reference Area Ranks:	470
Critical Value (for alpha = 0.05)	385
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	9

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Training Site 5-11

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS5-SS-121-0000	0.94	S	0.94	4
TS5-SS-122-0000	1.04	S	1.04	6
TS5-SS-123-0000	0.86	S	0.86	3
TS5-SS-124-0000	0.83	S	0.83	2
TS5-SS-125-0000	1.84	S	1.84	10
TS5-SS-126-0000	1.78	S	1.78	9
TS5-SS-127-0000	0.97	S	0.97	5
TS5-SS-128-0000	1.19	S	1.19	7
TS5-SS-129-0000	1.49	S	1.49	8
TS5-SS-130-0000	0	S	0	1

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	10

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Training Site 5-12

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS5-SS-131-0000	1.13	S	1.13	6
TS5-SS-132-0000	0.92	S	0.92	4
TS5-SS-133-0000	1.24	S	1.24	9
TS5-SS-134-0000	1.14	S	1.14	7
TS5-SS-135-0000	0	S	0	1.5
TS5-SS-136-0000	0.85	S	0.85	3
TS5-SS-137-0000	1.12	S	1.12	5
TS5-SS-138-0000	0	S	0	1.5
TS5-SS-139-0000	1.27	S	1.27	10
TS5-SS-140-0000	1.22	S	1.22	8

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	11

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Training Site 5-13

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS5-SS-141-0000	1.01	S	1.01	4
TS5-SS-142-0000	1.08	S	1.08	6
TS5-SS-143-0000	0	S	0	1
TS5-SS-144-0000	1.7	S	1.7	10
TS5-SS-145-0000	1.12	S	1.12	7
TS5-SS-146-0000	1.04	S	1.04	5
TS5-SS-147-0000	0.88	S	0.88	2
TS5-SS-148-0000	0.97	S	0.97	3
TS5-SS-149-0000	1.48	S	1.48	9
TS5-SS-150-0000	1.29	S	1.29	8

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	10

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Training Site 5-14

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	34.5
RA-02	0.91	R	6.61	32
RA-03	0	R	5.7	22
RA-04	0	R	5.7	22
RA-05	0	R	5.7	22
RA-06	0	R	5.7	22
RA-07	1	R	6.7	33
RA-08	0	R	5.7	22
RA-09	1.1	R	6.8	36
RA-10ave	0.895	R	6.595	31
RA-11	1.04	R	6.74	34.5
RA-12	0.86	R	6.56	28
RA-13	0	R	5.7	22
RA-14	1.22	R	6.92	37
RA-15	0.87	R	6.57	29.5
RA-16	0	R	5.7	22
RA-17	0.8	R	6.5	27
RA-18	0	R	5.7	22
RA-19	0.87	R	6.57	29.5
RA-20ave	0	R	5.7	22
TS5-SS-151-0000	1.82	S	1.82	17
TS5-SS-152-0000	1.2	S	1.2	12
TS5-SS-153-0000	1.09	S	1.09	10
TS5-SS-154-0000	1.37	S	1.37	14
TS5-SS-155-0000	1.8	S	1.8	16
TS5-SS-156-0000	1	S	1	7
TS5-SS-157-0000	1.06	S	1.06	9
TS5-SS-158-0000	1.52	S	1.52	15
TS5-SS-159-0000	1.23	S	1.23	13
TS5-SS-160-0000	1.05	S	1.05	8
TS5-SS-248-0000	0	S	0	2
TS5-SS-249-0000	0	S	0	2
TS5-SS-250-0000	1.12	S	1.12	11
TS5-SS-251-0000	0.83	S	0.83	5
TS5-SS-252-0000	0.82	S	0.82	4
TS5-SS-256-0000	0	S	0	2
TS5-SS-257-0000	0.99	S	0.99	6

Number of Reference Area Samples:	20
Number of Site Samples:	17
Total Number of Samples:	37
Sum of Ranks:	703
Sum of Reference Area Ranks:	550
Critical Value (for alpha = 0.05)	434
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	12

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 5-15

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS5-SS-161-0000	0.98	S	0.98	6
TS5-SS-162-0000	0.82	S	0.82	1.5
TS5-SS-163-0000	1.11	S	1.11	7
TS5-SS-164-0000	1.96	S	1.96	9
TS5-SS-165-0000	0.88	S	0.88	5
TS5-SS-166-0000	2.15	S	2.15	10
TS5-SS-167-0000	0.84	S	0.84	3
TS5-SS-168-0000	1.14	S	1.14	8
TS5-SS-169-0000	0.85	S	0.85	4
TS5-SS-170-0000	0.82	S	0.82	1.5

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	9

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 5-16

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS5-SS-171-0000	0.92	S	0.92	6
TS5-SS-172-0000	0	S	0	1.5
TS5-SS-173-0000	0.8	S	0.8	3
TS5-SS-174-0000	1.21	S	1.21	10
TS5-SS-175-0000	1.11	S	1.11	9
TS5-SS-176-0000	0	S	0	1.5
TS5-SS-177-0000	0.96	S	0.96	7
TS5-SS-178-0000	1.04	S	1.04	8
TS5-SS-179-0000	0.82	S	0.82	4
TS5-SS-180-0000	0.86	S	0.86	5

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	11

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Training Site 5-17

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS5-SS-181-0000	0	S	0	2
TS5-SS-182-0000	1.08	S	1.08	8
TS5-SS-183-0000	0.9	S	0.9	4
TS5-SS-184-0000	1.06	S	1.06	7
TS5-SS-185-0000	1.26	S	1.26	9
TS5-SS-186-0000	0	S	0	2
TS5-SS-187-0000	0.95	S	0.95	5
TS5-SS-188-0000	1.02	S	1.02	6
TS5-SS-189-0000	2.14	S	2.14	10
TS5-SS-190-0000	0	S	0	2

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	12

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Training Site 5-18

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS5-SS-191-0000	0.95	S	0.95	6
TS5-SS-192-0000	1.03	S	1.03	8
TS5-SS-193-0000	0.98	S	0.98	7
TS5-SS-194-0000	1.06	S	1.06	9
TS5-SS-195-0000	0.86	S	0.86	3
TS5-SS-196-0000	0.94	S	0.94	4.5
TS5-SS-197-0000	0	S	0	1.5
TS5-SS-198-0000	0	S	0	1.5
TS5-SS-199-0000	0.94	S	0.94	4.5
TS5-SS-200-0000	1.13	S	1.13	10

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	11

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 5-19

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS5-SS-201-0000	1.01	S	1.01	8
TS5-SS-202-0000	0.8	S	0.8	4
TS5-SS-203-0000	1.07	S	1.07	9
TS5-SS-204-0000	1.11	S	1.11	10
TS5-SS-205-0000	0.95	S	0.95	6
TS5-SS-206-0000	0.99	S	0.99	7
TS5-SS-207-0000	0	S	0	2
TS5-SS-208-0000	0	S	0	2
TS5-SS-209-0000	0.82	S	0.82	5
TS5-SS-210-0000	0	S	0	2

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	12

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 6-1

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	26.5
RA-02	0.91	R	6.61	24
RA-03	0	R	5.7	14
RA-04	0	R	5.7	14
RA-05	0	R	5.7	14
RA-06	0	R	5.7	14
RA-07	1	R	6.7	25
RA-08	0	R	5.7	14
RA-09	1.1	R	6.8	28
RA-10ave	0.895	R	6.595	23
RA-11	1.04	R	6.74	26.5
RA-12	0.86	R	6.56	20
RA-13	0	R	5.7	14
RA-14	1.22	R	6.92	29
RA-15	0.87	R	6.57	21.5
RA-16	0	R	5.7	14
RA-17	0.8	R	6.5	19
RA-18	0	R	5.7	14
RA-19	0.87	R	6.57	21.5
RA-20ave	0	R	5.7	14
TS6-SS-373-0000	0	S	0	1.5
TS6-SS-374-0000	1.32	S	1.32	9
TS6-SS-375-0000	0.95	S	0.95	4.5
TS6-SS-376-0000	0	S	0	1.5
TS6-SS-377-0000	0.82	S	0.82	3
TS6-SS-378-0000	0.95	S	0.95	4.5
TS6-SS-379-0000	16.5	S	16.5	30
TS6-SS-380-0000	0.96	S	0.96	6
TS6-SS-381-0000	1.04	S	1.04	8
TS6-SS-382-0000	0.98	S	0.98	7

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	390
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	11

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 6-2

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS6-SS-383-0000	0	S	0	3
TS6-SS-384-0000	0	S	0	3
TS6-SS-385-0000	0.82	S	0.82	6
TS6-SS-386-0000	0.88	S	0.88	7
TS6-SS-387-0000	1.25	S	1.25	9
TS6-SS-388-0000	0	S	0	3
TS6-SS-389-0000	0	S	0	3
TS6-SS-390-0000	1.3	S	1.3	10
TS6-SS-391-0000	1.1	S	1.1	8
TS6-SS-392-0000	0	S	0	3

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	6
Number of Non-Detects + Values < Max ND Reporting Limit:	14

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 6-3

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	14
RA-04	0	R	5.7	14
RA-05	0	R	5.7	14
RA-06	0	R	5.7	14
RA-07	1	R	6.7	26
RA-08	0	R	5.7	14
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	14
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	14
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	14
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	14
TS6-SS-393-0000	0	S	0	3
TS6-SS-394-0000	0	S	0	3
TS6-SS-395-0000	0.81	S	0.81	6
TS6-SS-396-0000	0.84	S	0.84	7
TS6-SS-397-0000	1.38	S	1.38	9
TS6-SS-398-0000	0	S	0	3
TS6-SS-399-0000	0	S	0	3
TS6-SS-400-0000	6.2	S	6.2	19
TS6-SS-401-0000	0.87	S	0.87	8
TS6-SS-402-0000	0	S	0	3

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	401
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	14

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 6-4

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS6-SS-53-0000	0	S	0	5
TS6-SS-54-0000	0	S	0	5
TS6-SS-55-0000	0	S	0	5
TS6-SS-56-0000	0	S	0	5
TS6-SS-57-0000	0	S	0	5
TS6-SS-58-0000	0	S	0	5
TS6-SS-59-0000	0	S	0	5
TS6-SS-60-0000	0	S	0	5
TS6-SS-61-0000	1.18	S	1.18	10
TS6-SS-62-0000	0	S	0	5

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	18

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 6-5

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS6-SS-63-0000	0.86	S	0.86	7
TS6-SS-64-0000	0	S	0	2.5
TS6-SS-65-0000	0	S	0	2.5
TS6-SS-66-0000	0	S	0	2.5
TS6-SS-67-0000	1.1	S	1.1	10
TS6-SS-68-0000	0.8	S	0.8	5
TS6-SS-69-0000	0	S	0	2.5
TS6-SS-70-0000	0.93	S	0.93	9
TS6-SS-71-0000	0.88	S	0.88	8
TS6-SS-72-0000	0.82	S	0.82	6

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	6
Number of Non-Detects + Values < Max ND Reporting Limit:	13

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 6-6

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS6-SS-73-0000	0	S	0	4
TS6-SS-74-0000	0	S	0	4
TS6-SS-75-0000	0	S	0	4
TS6-SS-76-0000	0	S	0	4
TS6-SS-77-0000	0	S	0	4
TS6-SS-78-0000	0	S	0	4
TS6-SS-79-0000	0.87	S	0.87	9
TS6-SS-80-0000	1.08	S	1.08	10
TS6-SS-81-0000	0.86	S	0.86	8
TS6-SS-82-0000	0	S	0	4

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	16

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 6-7

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS6-SS-83-0000	0	S	0	2
TS6-SS-84-0000	0.96	S	0.96	6
TS6-SS-85-0000	0	S	0	2
TS6-SS-86-0000	1.64	S	1.64	10
TS6-SS-87-0000	1.18	S	1.18	8
TS6-SS-88-0000	1.17	S	1.17	7
TS6-SS-89-0000	0.81	S	0.81	4
TS6-SS-90-0000	1.33	S	1.33	9
TS6-SS-91-0000	0.84	S	0.84	5
TS6-SS-92-0000	0	S	0	2

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	12

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 6-8

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS6-SS-93-0000	0	S	0	3.5
TS6-SS-94-0000	0	S	0	3.5
TS6-SS-95-0000	0.86	S	0.86	8
TS6-SS-96-0000	0	S	0	3.5
TS6-SS-97-0000	1.68	S	1.68	10
TS6-SS-98-0000	0.82	S	0.82	7
TS6-SS-99-0000	0	S	0	3.5
TS6-SS-100-0000	0.94	S	0.94	9
TS6-SS-101-0000	0	S	0	3.5
TS6-SS-102-0000	0	S	0	3.5

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	6
Number of Non-Detects + Values < Max ND Reporting Limit:	15

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 6-9

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS6-SS-103-0000	0	S	0	5
TS6-SS-104-0000	0	S	0	5
TS6-SS-105-0000	0	S	0	5
TS6-SS-106-0000	0	S	0	5
TS6-SS-107-0000	0	S	0	5
TS6-SS-108-0000	0	S	0	5
TS6-SS-109-0000	0	S	0	5
TS6-SS-110-0000	1.34	S	1.34	10
TS6-SS-111-0000	0	S	0	5
TS6-SS-112-0000	0	S	0	5

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	18

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 6-10

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS6-SS-113-0000	1.32	S	1.32	10
TS6-SS-114-0000	0	S	0	3
TS6-SS-115-0000	0	S	0	3
TS6-SS-116-0000	0	S	0	3
TS6-SS-117-0000	0	S	0	3
TS6-SS-118-0000	0.97	S	0.97	9
TS6-SS-119-0000	0.87	S	0.87	6
TS6-SS-120-0000	0.88	S	0.88	7
TS6-SS-121-0000	0.91	S	0.91	8
TS6-SS-122-0000	0	S	0	3

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	6
Number of Non-Detects + Values < Max ND Reporting Limit:	14

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 6-11

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS6-SS-123-0000	0.86	S	0.86	5.5
TS6-SS-124-0000	0	S	0	2.5
TS6-SS-125-0000	0	S	0	2.5
TS6-SS-126-0000	1.07	S	1.07	8
TS6-SS-127-0000	0	S	0	2.5
TS6-SS-128-0000	0.86	S	0.86	5.5
TS6-SS-129-0000	1.13	S	1.13	9
TS6-SS-130-0000	0	S	0	2.5
TS6-SS-131-0000	1.04	S	1.04	7
TS6-SS-132-0000	1.45	S	1.45	10

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	13

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 6-12

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS6-SS-133-0000	0.93	S	0.93	5
TS6-SS-134-0000	0	S	0	1.5
TS6-SS-135-0000	0.97	S	0.97	6.5
TS6-SS-136-0000	0.97	S	0.97	6.5
TS6-SS-137-0000	1.12	S	1.12	8
TS6-SS-138-0000	0.8	S	0.8	3
TS6-SS-139-0000	1.8	S	1.8	10
TS6-SS-140-0000	0.86	S	0.86	4
TS6-SS-141-0000	1.2	S	1.2	9
TS6-SS-142-0000	0	S	0	1.5

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	11

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 6-13

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS6-SS-143-0000	0.86	S	0.86	10
TS6-SS-144-0000	0	S	0	4.5
TS6-SS-145-0000	0.81	S	0.81	9
TS6-SS-146-0000	0	S	0	4.5
TS6-SS-147-0000	0	S	0	4.5
TS6-SS-148-0000	0	S	0	4.5
TS6-SS-149-0000	0	S	0	4.5
TS6-SS-150-0000	0	S	0	4.5
TS6-SS-151-0000	0	S	0	4.5
TS6-SS-152-0000	0	S	0	4.5

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	7
Number of Non-Detects + Values < Max ND Reporting Limit:	17

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 6-14

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS6-SS-153-0000	1.54	S	1.54	8.5
TS6-SS-154-0000	0	S	0	1
TS6-SS-155-0000	0.8	S	0.8	2
TS6-SS-156-0000	1.38	S	1.38	6.5
TS6-SS-157-0000	1.6	S	1.6	10
TS6-SS-158-0000	0.94	S	0.94	3
TS6-SS-159-0000	1.54	S	1.54	8.5
TS6-SS-160-0000	1.38	S	1.38	6.5
TS6-SS-161-0000	1.16	S	1.16	5
TS6-SS-162-0000	1.08	S	1.08	4

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	10

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 6-15

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS6-SS-163-0000	1.51	S	1.51	9
TS6-SS-164-0000	1.63	S	1.63	10
TS6-SS-165-0000	1.27	S	1.27	5
TS6-SS-166-0000	0.88	S	0.88	1
TS6-SS-167-0000	0.93	S	0.93	3
TS6-SS-168-0000	1.38	S	1.38	7.5
TS6-SS-169-0000	1.38	S	1.38	7.5
TS6-SS-170-0000	1.33	S	1.33	6
TS6-SS-171-0000	0.9	S	0.9	2
TS6-SS-172-0000	1.01	S	1.01	4

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	9

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 6-16

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS6-SS-173-0000	1.16	S	1.16	4
TS6-SS-174-0000	1.35	S	1.35	7
TS6-SS-175-0000	1.08	S	1.08	2
TS6-SS-176-0000	1.68	S	1.68	9
TS6-SS-177-0000	1.21	S	1.21	5
TS6-SS-178-0000	2.19	S	2.19	10
TS6-SS-179-0000	1.15	S	1.15	3
TS6-SS-180-0000	1.61	S	1.61	8
TS6-SS-181-0000	1.29	S	1.29	6
TS6-SS-182-0000	0	S	0	1

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	10

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 6-17

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS6-SS-183-0000	0	S	0	2.5
TS6-SS-184-0000	0	S	0	2.5
TS6-SS-185-0000	0	S	0	2.5
TS6-SS-186-0000	0.9	S	0.9	5.5
TS6-SS-187-0000	1.43	S	1.43	10
TS6-SS-188-0000	1.08	S	1.08	9
TS6-SS-189-0000	0.91	S	0.91	7
TS6-SS-190-0000	0.95	S	0.95	8
TS6-SS-191-0000	0.9	S	0.9	5.5
TS6-SS-192-0000	0	S	0	2.5

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Pesses WRS Test	
Number of Non-Detects:	6
Number of Non-Detects + Values < Max ND Reporting Limit:	13

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 6-18

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS6-SS-193-0000	1.38	S	1.38	6.5
TS6-SS-194-0000	1.65	S	1.65	8
TS6-SS-195-0000	1.03	S	1.03	3
TS6-SS-196-0000	1.12	S	1.12	4
TS6-SS-197-0000	0	S	0	1
TS6-SS-198-0000	0.97	S	0.97	2
TS6-SS-199-0000	1.2	S	1.2	5
TS6-SS-200-0000	2.16	S	2.16	9
TS6-SS-201-0000	2.19	S	2.19	10
TS6-SS-202-0000	1.38	S	1.38	6.5

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	10

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 6-19

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS6-SS-203-0000	1.56	S	1.56	8
TS6-SS-204-0000	1.05	S	1.05	3.5
TS6-SS-205-0000	0.82	S	0.82	1
TS6-SS-206-0000	0.92	S	0.92	2
TS6-SS-207-0000	1.41	S	1.41	6
TS6-SS-208-0000	1.19	S	1.19	5
TS6-SS-209-0000	1.72	S	1.72	9
TS6-SS-210-0000	2.35	S	2.35	10
TS6-SS-211-0000	1.48	S	1.48	7
TS6-SS-212-0000	1.05	S	1.05	3.5

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	9

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 6-20

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS6-SS-213-0000	1.38	S	1.38	8
TS6-SS-214-0000	0	S	0	1
TS6-SS-215-0000	1.06	S	1.06	2
TS6-SS-216-0000	1.15	S	1.15	4
TS6-SS-217-0000	1.08	S	1.08	3
TS6-SS-218-0000	1.35	S	1.35	7
TS6-SS-219-0000	1.82	S	1.82	9
TS6-SS-220-0000	1.34	S	1.34	6
TS6-SS-221-0000	1.22	S	1.22	5
TS6-SS-222-0000	2.36	S	2.36	10

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	10

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 6-21

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS6-SS-223-0000	0	S	0	4
TS6-SS-224-0000	1.07	S	1.07	10
TS6-SS-225-0000	0.95	S	0.95	8
TS6-SS-226-0000	0	S	0	4
TS6-SS-227-0000	0	S	0	4
TS6-SS-228-0000	0	S	0	4
TS6-SS-229-0000	0	S	0	4
TS6-SS-230-0000	0	S	0	4
TS6-SS-231-0000	0.96	S	0.96	9
TS6-SS-232-0000	0	S	0	4

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	16

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 6-22

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS6-SS-233-0000	1.69	S	1.69	10
TS6-SS-234-0000	1.25	S	1.25	8
TS6-SS-235-0000	1.2	S	1.2	7
TS6-SS-236-0000	1.44	S	1.44	9
TS6-SS-237-0000	0	S	0	2.5
TS6-SS-238-0000	1.08	S	1.08	6
TS6-SS-239-0000	0	S	0	2.5
TS6-SS-240-0000	0	S	0	2.5
TS6-SS-241-0000	0	S	0	2.5
TS6-SS-242-0000	0.95	S	0.95	5

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	6
Number of Non-Detects + Values < Max ND Reporting Limit:	13

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 6-23

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	28.5
RA-02	0.91	R	6.61	26
RA-03	0	R	5.7	16
RA-04	0	R	5.7	16
RA-05	0	R	5.7	16
RA-06	0	R	5.7	16
RA-07	1	R	6.7	27
RA-08	0	R	5.7	16
RA-09	1.1	R	6.8	30
RA-10ave	0.895	R	6.595	25
RA-11	1.04	R	6.74	28.5
RA-12	0.86	R	6.56	22
RA-13	0	R	5.7	16
RA-14	1.22	R	6.92	31
RA-15	0.87	R	6.57	23.5
RA-16	0	R	5.7	16
RA-17	0.8	R	6.5	21
RA-18	0	R	5.7	16
RA-19	0.87	R	6.57	23.5
RA-20ave	0	R	5.7	16
TS6-SS-243-0000	1.68	S	1.68	8
TS6-SS-244-0000	0.87	S	0.87	1
TS6-SS-245-0000	2.4	S	2.4	10
TS6-SS-246-0000	1.78	S	1.78	9
TS6-SS-247-0000	3.91	S	3.91	11
TS6-SS-248-0000	1.37	S	1.37	6
TS6-SS-249-0000	1.04	S	1.04	3
TS6-SS-250-0000	1.44	S	1.44	7
TS6-SS-251-0000	1.21	S	1.21	5
TS6-SS-252-0000	0.97	S	0.97	2
TS6-SS-45-0000	1.14	S	1.14	4

Number of Reference Area Samples:	20
Number of Site Samples:	11
Total Number of Samples:	31
Sum of Ranks:	496
Sum of Reference Area Ranks:	430
Critical Value (for alpha = 0.025)	367
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	9

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 6-24

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS6-SS-253-0000	1	S	1	2
TS6-SS-254-0000	1.72	S	1.72	8.5
TS6-SS-255-0000	0.96	S	0.96	1
TS6-SS-256-0000	1.54	S	1.54	6
TS6-SS-257-0000	1.66	S	1.66	7
TS6-SS-258-0000	1.22	S	1.22	5
TS6-SS-259-0000	1.08	S	1.08	3
TS6-SS-260-0000	1.14	S	1.14	4
TS6-SS-261-0000	1.72	S	1.72	8.5
TS6-SS-262-0000	2.08	S	2.08	10

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	9

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 6-25

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS6-SS-263-0000	0.81	S	0.81	7
TS6-SS-264-0000	1.08	S	1.08	9
TS6-SS-265-0000	0	S	0	3.5
TS6-SS-266-0000	0.85	S	0.85	8
TS6-SS-267-0000	1.16	S	1.16	10
TS6-SS-268-0000	0	S	0	3.5
TS6-SS-269-0000	0	S	0	3.5
TS6-SS-270-0000	0	S	0	3.5
TS6-SS-271-0000	0	S	0	3.5
TS6-SS-272-0000	0	S	0	3.5

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	6
Number of Non-Detects + Values < Max ND Reporting Limit:	15

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 6-26

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS6-SS-273-0000	1.06	S	1.06	8
TS6-SS-274-0000	1.34	S	1.34	9
TS6-SS-275-0000	0.95	S	0.95	5
TS6-SS-276-0000	0	S	0	1.5
TS6-SS-277-0000	1.05	S	1.05	7
TS6-SS-278-0000	0.98	S	0.98	6
TS6-SS-279-0000	1.8	S	1.8	10
TS6-SS-280-0000	0.89	S	0.89	4
TS6-SS-281-0000	0.82	S	0.82	3
TS6-SS-282-0000	0	S	0	1.5

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	11

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 6-27

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	40.5
RA-02	0.91	R	6.61	38
RA-03	0	R	5.7	28
RA-04	0	R	5.7	28
RA-05	0	R	5.7	28
RA-06	0	R	5.7	28
RA-07	1	R	6.7	39
RA-08	0	R	5.7	28
RA-09	1.1	R	6.8	42
RA-10ave	0.895	R	6.595	37
RA-11	1.04	R	6.74	40.5
RA-12	0.86	R	6.56	34
RA-13	0	R	5.7	28
RA-14	1.22	R	6.92	43
RA-15	0.87	R	6.57	35.5
RA-16	0	R	5.7	28
RA-17	0.8	R	6.5	33
RA-18	0	R	5.7	28
RA-19	0.87	R	6.57	35.5
RA-20ave	0	R	5.7	28
TS6-SS-283-0000	1.29	S	1.29	12
TS6-SS-284-0000	2.47	S	2.47	22
TS6-SS-285-0000	1.48	S	1.48	16
TS6-SS-286-0000	1.4	S	1.4	13
TS6-SS-287-0000	2.49	S	2.49	23
TS6-SS-288-0000	1.44	S	1.44	14
TS6-SS-289-0000	1.02	S	1.02	8
TS6-SS-290-0000	1.62	S	1.62	18
TS6-SS-291-0000	1.04	S	1.04	9
TS6-SS-292-0000	0.92	S	0.92	5
TS6-SS-35-0000	2.02	S	2.02	21
TS6-SS-36-0000	1.99	S	1.99	20
TS6-SS-37-0000	1	S	1	7
TS6-SS-38-0000	1.51	S	1.51	17
TS6-SS-39-0000	0.81	S	0.81	3.5
TS6-SS-40-0000	1.47	S	1.47	15
TS6-SS-41-0000	1.84	S	1.84	19
TS6-SS-42-0000	0	S	0	1.5
TS6-SS-43-0000	1.15	S	1.15	10

TS6-SS-45-0000	0.97	S	0.97	6
TS6-SS-46-0000	1.21	S	1.21	11
TS6-SS-47-0000	0.81	S	0.81	3.5
TS6-SS-48-0000	0	S	0	1.5

Number of Reference Area Samples:	20
Number of Site Samples:	23
Total Number of Samples:	43
Sum of Ranks:	946
Sum of Reference Area Ranks:	670
Critical Value (for alpha = 0.05)	508
Site Passes WRS Test	
Number of Non-Detects:	6
Number of Non-Detects + Values < Max ND Reporting Limit:	13

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 6-28

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS6-SS-293-0000	1.55	S	1.55	10
TS6-SS-294-0000	1.12	S	1.12	5
TS6-SS-295-0000	0	S	0	1.5
TS6-SS-296-0000	0	S	0	1.5
TS6-SS-297-0000	1.13	S	1.13	6
TS6-SS-298-0000	1.38	S	1.38	8.5
TS6-SS-299-0000	1.38	S	1.38	8.5
TS6-SS-300-0000	1.1	S	1.1	4
TS6-SS-301-0000	0.96	S	0.96	3
TS6-SS-302-0000	1.36	S	1.36	7

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	6
Number of Non-Detects + Values < Max ND Reporting Limit:	11

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 6-29

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS6-SS-303-0000	0.95	S	0.95	5
TS6-SS-304-0000	1.35	S	1.35	10
TS6-SS-305-0000	1.03	S	1.03	7
TS6-SS-306-0000	0.96	S	0.96	6
TS6-SS-307-0000	0	S	0	1
TS6-SS-308-0000	1.2	S	1.2	9
TS6-SS-309-0000	1.08	S	1.08	8
TS6-SS-310-0000	0.89	S	0.89	3
TS6-SS-311-0000	0.85	S	0.85	2
TS6-SS-312-0000	0.91	S	0.91	4

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	10

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 6-30

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	39.5
RA-02	0.91	R	6.61	37
RA-03	0	R	5.7	27
RA-04	0	R	5.7	27
RA-05	0	R	5.7	27
RA-06	0	R	5.7	27
RA-07	1	R	6.7	38
RA-08	0	R	5.7	27
RA-09	1.1	R	6.8	41
RA-10ave	0.895	R	6.595	36
RA-11	1.04	R	6.74	39.5
RA-12	0.86	R	6.56	33
RA-13	0	R	5.7	27
RA-14	1.22	R	6.92	42
RA-15	0.87	R	6.57	34.5
RA-16	0	R	5.7	27
RA-17	0.8	R	6.5	32
RA-18	0	R	5.7	27
RA-19	0.87	R	6.57	34.5
RA-20ave	0	R	5.7	27
TS6-SS-313-0000	1.01	S	1.01	9
TS6-SS-314-0000	1.17	S	1.17	14
TS6-SS-315-0000	1.43	S	1.43	16
TS6-SS-316-0000	0	S	0	2
TS6-SS-317-0000	1.47	S	1.47	17
TS6-SS-318-0000	1.05	S	1.05	10
TS6-SS-319-0000	0.88	S	0.88	6
TS6-SS-320-0000	0.98	S	0.98	7
TS6-SS-321-0000	1.5	S	1.5	18
TS6-SS-322-0000	0	S	0	2
TS6-SS-23-0000	3.36	S	3.36	22
TS6-SS-24-0000	0.86	S	0.86	5
TS6-SS-25-0000	3.28	S	3.28	21
TS6-SS-26-0000	2.99	S	2.99	20
TS6-SS-27-0000	0.8	S	0.8	4
TS6-SS-28-0000	1.15	S	1.15	13
TS6-SS-29-0000	1.98	S	1.98	19
TS6-SS-30-0000	1.14	S	1.14	12
TS6-SS-31-0000	1.32	S	1.32	15

TS6-SS-32-0000	1	S	1	8
TS6-SS-33-0000	1.09	S	1.09	11
TS6-SS-34-0000	0	S	0	2

Number of Reference Area Samples:	20
Number of Site Samples:	22
Total Number of Samples:	42
Sum of Ranks:	903
Sum of Reference Area Ranks:	650
Critical Value (for alpha = 0.05)	495
Site Passes WRS Test	
Number of Non-Detects:	7
Number of Non-Detects + Values < Max ND Reporting Limit:	14

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 6-31

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS6-SS-323-0000	2.57	S	2.57	10
TS6-SS-324-0000	0.83	S	0.83	2
TS6-SS-325-0000	1.18	S	1.18	7
TS6-SS-326-0000	1.38	S	1.38	8
TS6-SS-327-0000	1.11	S	1.11	6
TS6-SS-328-0000	0.82	S	0.82	1
TS6-SS-329-0000	0.89	S	0.89	3
TS6-SS-330-0000	1	S	1	4
TS6-SS-331-0000	1.1	S	1.1	5
TS6-SS-332-0000	1.91	S	1.91	9

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	9

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 6-32

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS6-SS-333-0000	1.08	S	1.08	8
TS6-SS-334-0000	1.32	S	1.32	10
TS6-SS-335-0000	0.91	S	0.91	4
TS6-SS-336-0000	0	S	0	1.5
TS6-SS-337-0000	0	S	0	1.5
TS6-SS-338-0000	0.95	S	0.95	5
TS6-SS-339-0000	1.22	S	1.22	9
TS6-SS-340-0000	0.98	S	0.98	6.5
TS6-SS-341-0000	0.98	S	0.98	6.5
TS6-SS-342-0000	0.81	S	0.81	3

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	11

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 6-33

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS6-SS-343-0000	0.88	S	0.88	8
TS6-SS-344-0000	0	S	0	3.5
TS6-SS-345-0000	0	S	0	3.5
TS6-SS-346-0000	0	S	0	3.5
TS6-SS-347-0000	0	S	0	3.5
TS6-SS-348-0000	0.8	S	0.8	7
TS6-SS-349-0000	0	S	0	3.5
TS6-SS-350-0000	0	S	0	3.5
TS6-SS-351-0000	0.93	S	0.93	9
TS6-SS-352-0000	1.92	S	1.92	10

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	7
Number of Non-Detects + Values < Max ND Reporting Limit:	15

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 6-34

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS6-SS-353-0000	2.46	S	2.46	9
TS6-SS-354-0000	0.99	S	0.99	5
TS6-SS-355-0000	0.89	S	0.89	3
TS6-SS-356-0000	3.48	S	3.48	10
TS6-SS-357-0000	1	S	1	6
TS6-SS-358-0000	0.97	S	0.97	4
TS6-SS-359-0000	0	S	0	1.5
TS6-SS-360-0000	1.15	S	1.15	8
TS6-SS-361-0000	1.14	S	1.14	7
TS6-SS-362-0000	0	S	0	1.5

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	11

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 6-35

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS6-SS-363-0000	1.04	S	1.04	7
TS6-SS-364-0000	1.06	S	1.06	8
TS6-SS-365-0000	0	S	0	1.5
TS6-SS-366-0000	0.99	S	0.99	6
TS6-SS-367-0000	0.93	S	0.93	4
TS6-SS-368-0000	0.92	S	0.92	3
TS6-SS-369-0000	1.67	S	1.67	10
TS6-SS-370-0000	0.95	S	0.95	5
TS6-SS-371-0000	1.24	S	1.24	9
TS6-SS-372-0000	0	S	0	1.5

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	6
Number of Non-Detects + Values < Max ND Reporting Limit:	11

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 7-1

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS7-SS-21-0000	1.04	S	1.04	7
TS7-SS-22-0000	3.22	S	3.22	10
TS7-SS-23-0000	1.07	S	1.07	8
TS7-SS-24-0000	1.23	S	1.23	9
TS7-SS-25-0000	0.96	S	0.96	5
TS7-SS-26-0000	0.91	S	0.91	3.5
TS7-SS-27-0000	0.91	S	0.91	3.5
TS7-SS-28-0000	0.8	S	0.8	2
TS7-SS-29-0000	1.02	S	1.02	6
TS7-SS-30-0000	0	S	0	1

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	10

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 7-2

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS7-SS-31-0000	0	S	0	2
TS7-SS-32-0000	0.87	S	0.87	4
TS7-SS-33-0000	0.88	S	0.88	5
TS7-SS-34-0000	0	S	0	2
TS7-SS-35-0000	1.53	S	1.53	9
TS7-SS-36-0000	1.09	S	1.09	6
TS7-SS-37-0000	1.67	S	1.67	10
TS7-SS-38-0000	1.23	S	1.23	8
TS7-SS-39-0000	0	S	0	2
TS7-SS-40-0000	1.16	S	1.16	7

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	12

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 7-3

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS7-SS-41-0000	1.13	S	1.13	6
TS7-SS-42-0000	0.9	S	0.9	3
TS7-SS-43-0000	1.3	S	1.3	8
TS7-SS-44-0000	0.8	S	0.8	1
TS7-SS-45-0000	1.57	S	1.57	10
TS7-SS-46-0000	1.33	S	1.33	9
TS7-SS-47-0000	0.99	S	0.99	5
TS7-SS-48-0000	0.87	S	0.87	2
TS7-SS-49-0000	0.92	S	0.92	4
TS7-SS-50-0000	1.18	S	1.18	7

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	9

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 7-4

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS7-SS-51-0000	1.02	S	1.02	3
TS7-SS-52-0000	1.52	S	1.52	7.5
TS7-SS-53-0000	1.69	S	1.69	9
TS7-SS-54-0000	1.4	S	1.4	6
TS7-SS-55-0000	2.66	S	2.66	10
TS7-SS-56-0000	1.04	S	1.04	4
TS7-SS-57-0000	0.87	S	0.87	2
TS7-SS-58-0000	1.52	S	1.52	7.5
TS7-SS-59-0000	1.13	S	1.13	5
TS7-SS-60-0000	0	S	0	1

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	10

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 7-5

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS7-SS-61-0000	0	S	0	3
TS7-SS-62-0000	0.99	S	0.99	8
TS7-SS-63-0000	0	S	0	3
TS7-SS-64-0000	0.96	S	0.96	7
TS7-SS-65-0000	0.9	S	0.9	6
TS7-SS-66-0000	0	S	0	3
TS7-SS-67-0000	0	S	0	3
TS7-SS-68-0000	1.02	S	1.02	9
TS7-SS-69-0000	0	S	0	3
TS7-SS-70-0000	1.73	S	1.73	10

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	6
Number of Non-Detects + Values < Max ND Reporting Limit:	14

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 7-6

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS7-SS-71-0000	0	S	0	3
TS7-SS-72-0000	0.91	S	0.91	7
TS7-SS-73-0000	1.58	S	1.58	10
TS7-SS-74-0000	0	S	0	3
TS7-SS-75-0000	0	S	0	3
TS7-SS-76-0000	1.2	S	1.2	8
TS7-SS-77-0000	0	S	0	3
TS7-SS-78-0000	0	S	0	3
TS7-SS-79-0000	1.32	S	1.32	9
TS7-SS-80-0000	0.85	S	0.85	6

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	6
Number of Non-Detects + Values < Max ND Reporting Limit:	14

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 7-7

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS7-SS-81-0000	0	S	0	4
TS7-SS-82-0000	0	S	0	4
TS7-SS-83-0000	0.88	S	0.88	8
TS7-SS-84-0000	0	S	0	4
TS7-SS-85-0000	1.15	S	1.15	9
TS7-SS-86-0000	0	S	0	4
TS7-SS-87-0000	0	S	0	4
TS7-SS-88-0000	0	S	0	4
TS7-SS-89-0000	0	S	0	4
TS7-SS-90-0000	1.16	S	1.16	10

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	16

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 7-8

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS7-SS-91-0000	0	S	0	3.5
TS7-SS-92-0000	0	S	0	3.5
TS7-SS-93-0000	0	S	0	3.5
TS7-SS-94-0000	1.1	S	1.1	10
TS7-SS-95-0000	0.82	S	0.82	8
TS7-SS-96-0000	0	S	0	3.5
TS7-SS-97-0000	0	S	0	3.5
TS7-SS-98-0000	0.96	S	0.96	9
TS7-SS-99-0000	0.8	S	0.8	7
TS7-SS-100-0000	0	S	0	3.5

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	15

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 7-9

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS7-SS-101-0000	0	S	0	2.5
TS7-SS-102-0000	1.17	S	1.17	8
TS7-SS-103-0000	0.95	S	0.95	5
TS7-SS-104-0000	1.15	S	1.15	7
TS7-SS-105-0000	0	S	0	2.5
TS7-SS-106-0000	0	S	0	2.5
TS7-SS-107-0000	1.78	S	1.78	9
TS7-SS-108-0000	2.09	S	2.09	10
TS7-SS-109-0000	1.09	S	1.09	6
TS7-SS-110-0000	0	S	0	2.5

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	13

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 7-10

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS7-SS-111-0000	0.85	S	0.85	6
TS7-SS-112-0000	2.13	S	2.13	10
TS7-SS-113-0000	1.55	S	1.55	9
TS7-SS-114-0000	0.99	S	0.99	8
TS7-SS-115-0000	0	S	0	2.5
TS7-SS-116-0000	0.84	S	0.84	5
TS7-SS-117-0000	0	S	0	2.5
TS7-SS-118-0000	0	S	0	2.5
TS7-SS-119-0000	0	S	0	2.5
TS7-SS-120-0000	0.97	S	0.97	7

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
SITE PASSES WRS TEST	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	13

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 8-1

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS8-SS-21-0000	1.19	S	1.19	10
TS8-SS-22-0000	0.94	S	0.94	5
TS8-SS-23-0000	0.84	S	0.84	3
TS8-SS-24-0000	1.13	S	1.13	9
TS8-SS-25-0000	1.12	S	1.12	8
TS8-SS-26-0000	0.85	S	0.85	4
TS8-SS-27-0000	0	S	0	1.5
TS8-SS-28-0000	1.02	S	1.02	7
TS8-SS-29-0000	0.99	S	0.99	6
TS8-SS-30-0000	0	S	0	1.5

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	11

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 8-2

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS8-SS-31-0000	0.87	S	0.87	5
TS8-SS-32-0000	0.93	S	0.93	6.5
TS8-SS-33-0000	0.83	S	0.83	4
TS8-SS-34-0000	1.06	S	1.06	9
TS8-SS-35-0000	0.95	S	0.95	8
TS8-SS-36-0000	0	S	0	2
TS8-SS-37-0000	0.93	S	0.93	6.5
TS8-SS-38-0000	0	S	0	2
TS8-SS-39-0000	1.1	S	1.1	10
TS8-SS-40-0000	0	S	0	2

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	12

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 8-3

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	30.5
RA-02	0.91	R	6.61	28
RA-03	0	R	5.7	18
RA-04	0	R	5.7	18
RA-05	0	R	5.7	18
RA-06	0	R	5.7	18
RA-07	1	R	6.7	29
RA-08	0	R	5.7	18
RA-09	1.1	R	6.8	32
RA-10ave	0.895	R	6.595	27
RA-11	1.04	R	6.74	30.5
RA-12	0.86	R	6.56	24
RA-13	0	R	5.7	18
RA-14	1.22	R	6.92	33
RA-15	0.87	R	6.57	25.5
RA-16	0	R	5.7	18
RA-17	0.8	R	6.5	23
RA-18	0	R	5.7	18
RA-19	0.87	R	6.57	25.5
RA-20ave	0	R	5.7	18
TS8-SS-41-0000	1.13	S	1.13	11
TS8-SS-42-0000	0	S	0	2.5
TS8-SS-43-0000	0.9	S	0.9	6
TS8-SS-44-0000	0	S	0	2.5
TS8-SS-45-0000	0	S	0	2.5
TS8-SS-46-0000	0.97	S	0.97	8
TS8-SS-47-0000	1.14	S	1.14	12
TS8-SS-48-0000	0	S	0	2.5
TS8-SS-49-0000	1.29	S	1.29	13
TS8-SS-50-0000	0.99	S	0.99	9
TS8-SS-51-0000	0.93	S	0.93	7
TS8-SS-52-0000	0.89	S	0.89	5
TS8-SS-53-0000	1.04	S	1.04	10

Number of Reference Area Samples:	20
Number of Site Samples:	13
Total Number of Samples:	33
Sum of Ranks:	561
Sum of Reference Area Ranks:	470
Critical Value (for alpha = 0.035)	385
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	13

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 8-4

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS8-SS-54	0	S	0	3
TS8-SS-55	0.91	S	0.91	10
TS8-SS-56	0.82	S	0.82	8
TS8-SS-57	0	S	0	3
TS8-SS-58	0	S	0	3
TS8-SS-59	0	S	0	3
TS8-SS-60	0.87	S	0.87	9
TS8-SS-61	0.8	S	0.8	6.5
TS8-SS-62	0.8	S	0.8	6.5
TS8-SS-63	0	S	0	3

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	14

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 8-5

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS8-SS-64-0000	0	S	0	3
TS8-SS-65-0000	0	S	0	3
TS8-SS-66-0000	0.86	S	0.86	8
TS8-SS-67-0000	1.14	S	1.14	10
TS8-SS-68-0000	0	S	0	3
TS8-SS-69-0000	0.84	S	0.84	6.5
TS8-SS-70-0000	0.91	S	0.91	9
TS8-SS-71-0000	0.84	S	0.84	6.5
TS8-SS-72-0000	0	S	0	3
TS8-SS-73-0000	0	S	0	3

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	14

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 8-6

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS8-SS-74-0000	0	S	0	4.5
TS8-SS-75-0000	1.33	S	1.33	10
TS8-SS-76-0000	1.16	S	1.16	9
TS8-SS-77-0000	0	S	0	4.5
TS8-SS-78-0000	0	S	0	4.5
TS8-SS-79-0000	0	S	0	4.5
TS8-SS-80-0000	0	S	0	4.5
TS8-SS-81-0000	0	S	0	4.5
TS8-SS-82-0000	0	S	0	4.5
TS8-SS-83-0000	0	S	0	4.5

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	17

Wilcoxon Rank Sum Test Evaluation of Final Status Survey Data Training Site 8-7

Reference Data Sample Number (used as a function reference only; therefore also attached to site data)	Activity (pCi/g)	Reference (R) or Site (S) Sample	Adjusted Activity	Rank
RA-01	1.04	R	6.74	27.5
RA-02	0.91	R	6.61	25
RA-03	0	R	5.7	15
RA-04	0	R	5.7	15
RA-05	0	R	5.7	15
RA-06	0	R	5.7	15
RA-07	1	R	6.7	26
RA-08	0	R	5.7	15
RA-09	1.1	R	6.8	29
RA-10ave	0.895	R	6.595	24
RA-11	1.04	R	6.74	27.5
RA-12	0.86	R	6.56	21
RA-13	0	R	5.7	15
RA-14	1.22	R	6.92	30
RA-15	0.87	R	6.57	22.5
RA-16	0	R	5.7	15
RA-17	0.8	R	6.5	20
RA-18	0	R	5.7	15
RA-19	0.87	R	6.57	22.5
RA-20ave	0	R	5.7	15
TS8-SS-84-0000	0	S	0	4.5
TS8-SS-85-0000	0	S	0	4.5
TS8-SS-86-0000	0	S	0	4.5
TS8-SS-87-0000	0	S	0	4.5
TS8-SS-88-0000	0	S	0	4.5
TS8-SS-89-0000	0	S	0	4.5
TS8-SS-90-0000	0	S	0	4.5
TS8-SS-91-0000	0.86	S	0.86	9
TS8-SS-92-0000	0.88	S	0.88	10
TS8-SS-93-0000	0	S	0	4.5

Number of Reference Area Samples:	20
Number of Site Samples:	10
Total Number of Samples:	30
Sum of Ranks:	465
Sum of Reference Area Ranks:	410
Critical Value (for alpha = 0.05)	347
Site Passes WRS Test	
Number of Non-Detects:	5
Number of Non-Detects + Values < Max ND Reporting Limit:	17

APPENDIX E

CERTIFICATES OF CALIBRATION FOR FINAL STATUS SURVEY EQUIPMENT

470562

Designer and Manufacturer of Scientific and Industrial Instruments

CERTIFICATE OF CALIBRATION

LUDLUM MEASUREMENTS, INC.
POST OFFICE BOX 810 PH. 915-235-5494
501 OAK STREET FAX NO. 915-235-4672
SWEETWATER, TEXAS 79556, U.S.A.

CUSTOMER ENVIRONMENTAL RESTORATION GROUP ORDER NO. 292328 / 269960

Mfg. Ludlum Measurements, Inc. Model 19 Serial No. 104556

Model Serial No.

Cal. Date 10-Feb-03 Cal Due Date 10-Feb-04 Cal. Interval 1 Year Meterface 202-016

heck mark ☑ applies to applicable instr. and/or detector IAW mfg. spec. T. 73 °F RH 20 % Alt 706.8 mm Hg

☐ New Instrument Instrument Received ☑ Within Toler. +-10% ☐ 10-20% ☐ Out of Tol. ☐ Requiring Repair ☐ Other-See comments

☑ Mechanical ck. ☑ Meter Zeroed ☐ Background Subtract ☐ Input Sens. Linearity
☑ F/S Resp. ck ☑ Reset ck. ☐ Window Operation ☑ Geotropism
☑ Audio ck. ☐ Alarm-Setting ck. ☑ Batt. ck. (Min. Volt) 2.2 VDC

☐ Calibrated in accordance with LMI SOP 14.8 rev 12/05/89. ☑ Calibrated in accordance with LMI SOP 14.9 rev 02/07/97.

strument Volt Set 780 V Input Sens. 34 mV Det. Oper. V at mV Threshold Dial Ratio = mV

☐ HV Readout (2 points) Ref./Inst. / V Ref./Inst. / V

COMMENTS:

amma Calibration: GM detectors positioned perpendicular to source except for M 44-9 in which the front of probe faces source.

RANGE/MULTIPLIER	REFERENCE CAL. POINT	INSTRUMENT REC'D "AS FOUND READING"	INSTRUMENT METER READING*
5000	4000 µR/hr	4200	4000
5000	1000 µR/hr	1050	1000
500	400 µR/hr = 22500 cpm	380	400
500	100 µR/hr	90	100
250	200 µR/hr = 35600 cpm	190	200
250	100 µR/hr	96	100
50	7350 cpm	39	40
50	1840 cpm	10	10
25	3560 cpm	19	20
25	890 cpm	45	5

*Uncertainty within ± 10% C.F. within ± 20% 50, 25 Range(s) Calibrated Electronically

	REFERENCE CAL. POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*		REFERENCE CAL. POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*
igital eadout				Log Scale			

dlum Measurements, Inc. certifies that the above instrument has been calibrated by standards traceable to the National Institute of Standards and Technology, or to the calibration facilities of her International Standards Organization members, or have been derived from accepted values of natural physical constants or have been derived by the ratio type of calibration techniques. e calibration system conforms to the requirements of ANSI/NCSL Z540-1-1994 and ANSI N323-1978 State of Texas Calibration License No. LO-1963

Reference Instruments and/or Sources:

Cs-137 Gamma S/N ☐ 1162 ☐ G112 ☑ M565 ☐ 5105 ☐ T1008 ☐ T879 ☐ E552 ☐ E551 ☐ Neutron Am-241 Be S/N T-304

☐ Alpha S/N ☐ Beta S/N ☐ Other

500 S/N 134709 ☐ Oscilloscope S/N ☑ Multimeter S/N 57390613

Calibrated By: Conrad Salinas Date 10 Feb 03

Reviewed By: Rhonda Harris Date 11 Feb 03

FORM C22A 10/31/2001

AC Inst. Only ☐ Passed Dielectric (Hi-Pot) and Continuity Test ☐ Failed:

Certificate of Calibration

Environmental Restoration Group, Inc.
12809 Arroyo De Vista
Albuquerque, NM 87111
(505) - 298 - 4224

Manufacturer: Ludlum Model: 2221 Serial No.: 115757
All Ranges Calibrated Electronically; Ludlum Pulser Generator S.N. 97743
Temp.: 70 F Rel. Humidity NA % Bar. Pressure NA in. of Hg

FUNCTION CHECKS:

Reset ✓ Audio — Window Operation — Mechanical — Battery —
High Voltage 500v ✓ 1000v ✓ 1500v —

Instrument found within tolerance (+/- 10%) YES ✓ NO

COMMENTS:

Reference Setting	Ratemeter	Instrument "As found reading"
400 Kcpm	400K	400K
100 Kcpm	100K	100K
40 Kcpm	40K	40K
10 Kcpm	10K	10K
4 Kcpm	4K	4K
1 Kcpm	1K	~~1K~~ 1K
400 cpm	400	400
100 cpm	100	100

Reference Setting	Digital Readout	Log Scale	Instrument Received
400 Kcpm	399913	400K	± 10%
40 Kcpm	39997	40K	↓
4 Kcpm	4001	4K	↓
400 cpm	400	400	↓

Calibrated By: Kenneth R Baker Calibration Date: 2/5/03
Calibration Due: 2/5/04
Reviewed By: [illegible] Date: 2-18-03

ERG FORM 1.02B

Certificate of Calibration

Voltage Plateau Form

ERG
Environmental Restoration Group Inc
12809 Arroyo De Vista NE
Albuquerque, NM 87111
(505) 298-4224

Detector Mfg Ludlum Model 43-5 Serial No PR087462
Counter Mfg Ludlum Model 2221 Serial No 115157

Temp 70 °F Rel Humidity NA % Bar Pressure NA in of Hg
Counter Threshold Setting 10 mV Geometry / Distance to source 2mm
Source ☑ Th230 @ 26,400 dpm in 92TH4700933 ☐ Tc99 @ 22,100 dpm in 97TC4701286
☐ Cs137 @ 7.66 µCi in 90CS1201381 ☐ Other _____

Count Time 1 minute(s)

High Voltage	Gross Source Counts	Background Counts
750	949	2
800	2546	3
850	3387	2
900	3281	3
950	3787	4

Recommended Operating Voltage: 900 volts

Toe: 3549
Heel: 3595

Calibrated By Laura Miter Calibration Date 2-18-03
Calibration Due 2-18-04
Reviewed By Kenneth R Baker Date 2-18-03

Certificate of Calibration

2 Channel Scaler Certificate of Calibration

ERG
Environmental Restoration Group, Inc.
12809 Arroyo De Vista NE
Albuquerque, NM 87111
(505) 298-4224

Manufacturer: Ludlum Model: 2929 Serial No.: 157729
All Ranges Calibrated Electronically; Ludlum Pulser Generator S.N. 97743

Temp.: 70 °F Rel. Humidity NA % Bar. Pressure NA in. of Hg
Audio ☑ Mechanical ☑
High Voltage 500v ☑ 1000v ☑ 1500v ☑
Instrument found within tolerance (+/- 10%) Yes ☑ No ☐

Alpha Threshold Setting: 175 mV
Beta Threshold Setting: 4 mV Beta Window: 44 mV
Voltage setting: _____ volts = _____ on HV Dial (pot)

	Alpha Channel Digital Readout		Beta Channel Digital Readout	
Reference Setting	Integrated Counts (1-minute count)	Instrument "As found reading"	Integrated Counts (1-minute count)	Instrument "As found reading"
400 Kcpm	400359	400359	39968	39968
40 Kcpm	40036	40036	39968	39968
4 Kcpm	4000	4000	3996	3996
400 cpm	400	400	401	401

Calibrated By: Kenneth R Baker Calibration Date: 2/6/03
Calibration Due: 2/6/04
Reviewed By: Laura L Mt Date: 2-18-03

Form 1.02D

Certificate of Calibration

Voltage Plateau Form

ERG
Environmental Restoration Group, Inc
12809 Arroyo De Vista NE
Albuquerque, NM 87111
(505) 298-4224

Detector Mfg.: Ludlum Model: 43-10-1 Serial No.: PR157940
Counter Mfg.: Ludlum Model: 2929 Serial No.: 157329

Temp.: 70 °F Rel. Humidity: NA % Bar. Pressure: NA in. of Hg
Alpha Threshold Setting: 175 mV
Beta Threshold Setting: 4 mV Beta Window: 44 mV
Alpha Source: ☑ Th230 @ 26,400 dpm sn 92TH4700933 ☐ Other
Beta Source: ☑ Tc99 @ 22,100 dpm sn 97TC4701286 ☐ Other:
Geometry / Distance to source: In planchet

Count Time: 1 minute(s)

High Voltage	Alpha Source Counts		Beta Source Counts		Background Counts	
	Alpha	Beta	Alpha	Beta	Alpha	Beta
750	9156	435	3	2519	3	44
775	9227	425	0	2661	3	49
800	9733	568	1	3281	1	63
825	9691	636	3	3781	0	83
850	9884	843	2	4337	2	64
875	9793	1162	2	4663	1	73
900	9807	1447	3	5116	3	98
925	9997	2135	7	5668	1	156

Recommended Operating Voltage: 850 volts POT 3.4

Calibrated By: Laura Miter Calibration Date: 2-18-03
Calibration Due: 2-18-04
Reviewed By: [signature] Date: 2/18/03

Certificate of Calibration

2 Channel Scaler Certificate of Calibration

ERG
Environmental Restoration Group, Inc.
12809 Arroyo De Vista NE
Albuquerque, NM 87111
(505) 298-4224

Manufacturer: Ludlum Model: 2929 Serial No.: 137607
All Ranges Calibrated Electronically; Ludlum Pulser Generator S.N. 97743

Temp.: 70 °F Rel. Humidity NA % Bar. Pressure NA in. of Hg
Audio ☑ Mechanical ☑
High Voltage 500v ☐ 1000v ☐ 1500v ☐
Instrument found within tolerance (+/- 10%) Yes ☐ No ☐

Alpha Threshold Setting: 180 mV
Beta Threshold Setting: 4 mV Beta Window: 45 mV
Voltage setting: 650 volts = 2.42 on HV Dial (pot)

	Alpha Channel Digital Readout		Beta Channel Digital Readout	
Reference Setting	Integrated Counts (1-minute count)	Instrument "As found reading"	Integrated Counts (1-minute count)	Instrument "As found reading"
400 Kcpm	399584	399584	399619	399619
40 Kcpm	39970	39970	39963	39963
4 Kcpm	3992	3992	3995	3995
400 cpm	399	399	400	400

Calibrated By: Kenneth R Baker Calibration Date: 2/6/03
Calibration Due: 2/6/04
Reviewed By: Lana L Miller Date: 2-19-03

Form 1.02D

Certificate of Calibration

Voltage Plateau Form

ERG
Environmental Restoration Group, Inc
12809 Arroyo De Vista NE
Albuquerque, NM 87111
(505) 298-4224

Detector Mfg.: Ludlum Model: 43-10-1 Serial No.: PR142936
Counter Mfg.: Ludlum Model: 2929 Serial No.: 137607

Temp.: 70 °F Rel. Humidity: 72 % Bar. Pressure: 30.19 in. of Hg
Alpha Threshold Setting: 180 mV
Beta Threshold Setting: 5 mV Beta Window: 45 mV
Alpha Source : ☑ Th230 @ 26,400 dpm sn 92TH4700933 ☐ Other:
Beta Source: ☑ Tc99 @ 22,100 dpm sn 97TC4701286 ☐ Other:
Geometry / Distance to source: In planchett

Count Time: _____ minute(s)

High Voltage	Alpha Source Counts		Beta Source Counts		Background Counts	
	Alpha	Beta	Alpha	Beta	Alpha	Beta
575	4151	1765	0	306	1	5
600	6056	1787	1	1402	1	20
625	7718	1809	2	3030	2	61
650	8063	1940	2	3961	0	73
675	8228	2028	0	4540	0	64
700	8643	2327	2	5342	1	86
725	8757	1971	0	6125	0	76

Recommended Operating Voltage: 650 volts POT 2.42

Calibrated By: Laura Niter Calibration Date: 2-19-03
Calibration Due: 2-19-04
Reviewed By: Kenneth R Sahu Date: 12-19-03

Certificate of Calibration

Voltage Plateau Form

ERG
Environmental Restoration Group, Inc.
12809 Arroyo De Vista NE
Albuquerque, NM 87111
(505) 298-4224

Detector Mfg.: Ludlum Model: 43-90 Serial No.: PR167748

Counter Mfg.: Ludlum Model: 2221 Serial No.: 125457

Counter Threshold Setting: 10 mV

Geometry / Distance to source: 2 mm

Source : ☒ Th230 @ 13,500 dpm sn: 4098-03 ☐ Tc99 @ 18,100 dpm sn: 4099-03

☐ Cs137 @ 6.5 µCi sn: 4097-03 ☐ Other: _____

Count Time: 1 minute(s)

High Voltage	Gross Source Counts	Background Counts
500	4	0
550	1228	3
600	2363	3
650	2752	2
700	2890	2
750	2884	2

Recommended Operating Voltage: 650 volts

Calibrated By: [signature]

Calibration Date: 21 Nov 03

Calibration Due: 21 Nov 04

Reviewed By: [signature]

Date: 11/21/03

Form 1.03A

Certificate of Calibration

Ratemeter / Scaler Certificate of Calibration

ERG
Environmental Restoration Group, Inc.
12809 Arroyo De Vista NE
Albuquerque, NM 87111
(505) 298-4224

Manufacturer: Ludlum Model: 2221 Serial No.: 125457

All Ranges Calibrated Electronically; Ludlum Pulser Generator S.N. 97743

Reset ☑ Audio ☑ Mechanical ☑ Battery ☑ Window Operation ☑

High Voltage 500v ☑ 1000v ☑ 1500v ☑

Instrument found within tolerance (+/- 10%) Yes ☑ No ☐

Reference Setting	Ratemeter	Instrument "As found reading"
400 Kcpm	400 Kcpm	+/- 10%
100 Kcpm	100 Kcpm	
40 Kcpm	40 Kcpm	
10 Kcpm	10 Kcpm	
4 Kcpm	4 Kcpm	
1 Kcpm	1 Kcpm	
400 cpm	400 cpm	
100 cpm	100 cpm	

Reference Setting	Integrated Counts (1-minute count)	Log Scale Count Rate	Instrument "As found reading"
400 Kcpm	399907	400 Kcpm	+/- 10%
40 Kcpm	40224	40 Kcpm	
4 Kcpm	4019	4 Kcpm	
400 cpm	401	400 cpm	

Calibrated By: [signature] Calibration Date: 20 Nov 03

Calibration Due: 20 Nov 04

Reviewed By: Kenneth Bahr Date: 11/21/03

Form 1.02B

Certificate of Calibration

Ratemeter / Scaler Certificate of Calibration

ERG
Environmental Restoration Group, Inc.
12809 Arroyo De Vista NE
Albuquerque, NM 87111
(505) 298-4224

Manufacturer: Ludlum Model: 2221 Serial No.: 117626

All Ranges Calibrated Electronically; Ludlum Pulser Generator S.N. 97743

Reset ☑ Audio ☑ Mechanical ☑ Battery ☑ Window Operation ☑

High Voltage 500v ☑ 1000v ☑ 1500v ☑

Instrument found within tolerance (+/- 10%) Yes ☑ No ☐

Reference Setting	Ratemeter	Instrument "As found reading"
400 Kcpm	400Kcpm	+/- 10%
100 Kcpm	100Kcpm	
40 Kcpm	40Kcpm	
10 Kcpm	10Kcpm	
4 Kcpm	4Kcpm	
1 Kcpm	1Kcpm	
400 cpm	400cpm	
100 cpm	100cpm	

Reference Setting	Integrated Counts (1-minute count)	Log Scale Count Rate	Instrument "As found reading"
400 Kcpm	400400	400K	+/- 10%
40 Kcpm	40050	40K	
4 Kcpm	4006	KK	
400 cpm	400cpm	400cpm	

Calibrated By: [signature] Calibration Date: 20NOV03

Calibration Due: 20NOV04

Reviewed By: Kenneth R Bohn Date: 11/21/03

Form 1.02B

Certificate of Calibration

Voltage Plateau Form

ERG
Environmental Restoration Group, Inc.
12809 Arroyo De Vista NE
Albuquerque, NM 87111
(505) 298-4224

Detector Mfg.: Ludlum Model: 43-90 Serial No.: PR 146746

Counter Mfg.: Ludlum Model: 2221 Serial No.: 117626

Counter Threshold Setting: 10 mV

Geometry / Distance to source: 2 mm

Source : ☒ Th230 @ 13,500 dpm sn: 4098-03

☐ Tc99 @ 18,100 dpm sn: 4099-03

☐ Cs137 @ 6.5 µCi sn: 4097-03

☐ Other: _____

Count Time: 1 minute(s)

High Voltage	Gross Source Counts	Background Counts
500	1055	0
550	2354	4
600	2628	1
650	2791	3
700	2761	6
750	2869	5

Recommended Operating Voltage: 650 volts

Calibrated By: [signature]

Calibration Date: 21NOV03

Calibration Due: 21NOV04

Reviewed By: Kermit R Bah

Date: 11/21/03

Form 1.03A

Certificate of Calibration

Environmental Restoration Group, Inc.
12809 Arroyo De Vista
Albuquerque, NM 87111
(505) - 298 - 4224

Manufacturer: Ludlum Model: 2221 Serial No.: 108859

All Ranges Calibrated Electronically; Ludlum Pulser Generator S.N. 97743

Temp.: 70 ° F Rel. Humidity N/A % Bar. Pressure N/A in. of Hg

FUNCTION CHECKS:

Reset ✓ Audio ✓ Window Operation ✓ Mechanical ✓ Battery ✓

High Voltage 500v ✓ 1000v ✓ 1500v ✓

Instrument found within tolerance (+/- 10%) YES NO

COMMENTS:

Reference Setting	Ratemeter	Instrument "As found reading"
400 Kcpm	400K	400K
100 Kcpm	100K	100K
40 Kcpm	40K	40K
10 Kcpm	10K	10K
4 Kcpm	4K	4K
1 Kcpm	1K	1K
400 cpm	400 cpm	400 cpm
100 cpm	100 cpm	100 cpm

Reference Setting	Digital Readout	Log Scale	Instrument Received
400 Kcpm	400533	400,000	400000
40 Kcpm	40078	40000	40000
4 Kcpm	4009	4000	4000
400 cpm	401	400	400

Calibrated By: Laura Miller Calibration Date: 2-17-03

Calibration Due: 2-17-04

Reviewed By: Kenneth R Baker Date: 2-17-03

ERG FORM 1.02B

Certificate of Calibration

Voltage Plateau Form

ERG
Environmental Restoration Group, Inc
12809 Arroyo De Vista NE
Albuquerque, NM 87111
(505) 298-4224

Detector Mfg: Ludlum Model: 44-10 Serial No.: PR144074
Counter Mfg: Ludlum Model: 2221 Serial No.: 108859

Temp 70 °F Rel. Humidity N/A % Bar. Pressure N/A in. of Hg
Counter Threshold Setting: 10 mV Geometry / Distance to source: 6"
Source ☐ Th230 @ 26,400 dpm sn 92TH4700933 ☐ Tc99 @ 22,100 dpm sn 97TC4701286
☑ Cs137 @ 7.66 µCi sn 90CS1201381 ☐ Other _____

Count Time: 1 minute(s)

High Voltage	Gross Source Counts	Background Counts
650	47645	2723
750	78385	7205
800	85921	9863
850	89500	10849
900	93472	11176
950	97283	11489
1000	97393	11657
1050	98304	11920
1100	98053	11805
1200	98679	11872
925	95895	11499

Recommended Operating Voltage: 925 volts

Calibrated By: Laura Miter Calibration Date: 2-17-03
Calibration Due: 2-17-04
Reviewed By: Kenneth L Burka Date: 2/18/03

Designer and Manufacturer of Scientific and Industrial Instruments

CERTIFICATE OF CALIBRATION

LUDLUM MEASUREMENTS, INC.
POST OFFICE BOX 810 PH. 325-235-5494
501 OAK STREET FAX NO. 325-235-4672
SWEETWATER, TEXAS 79556, U.S.A.

CUSTOMER ENVIRONMENTAL RESTORATION GROUP ORDER NO. 298760/273095

Mfg. Ludlum Measurements, Inc. Model 2221 Serial No. 117357

Mfg. Model Serial No.

Cal. Date 18-Jun-03 Cal Due Date 18-Jun-04 Cal. Interval 1 Year Meterface 202-159

Check mark ☑ applies to applicable instr. and/or detector IAW mfg. spec. T. 71 °F RH 44 % Alt 702.8 mm Hg

☐ New Instrument Instrument Received ☐ Within Toler. +-10% ☐ 10-20% ☐ Out of Tol. ☑ Requiring Repair ☐ Other-See comments

☑ Mechanical ck. ☑ Meter Zeroed ☐ Background Subtract ☑ Input Sens. Linearity
☑ F/S Resp. ck ☑ Reset ck. ☑ Window Operation ☑ Geotropism
☑ Audio ck. ☐ Alarm Setting ck. ☑ Batt. ck. (Min. Volt) 4.4 VDC

☑ Calibrated in accordance with LMI SOP 14.8 rev 12/05/89. ☐ Calibrated in accordance with LMI SOP 14.9 rev 02/07/97.

Instrument Volt Set 500 V Input Sens. 10 mV Det. Oper. V at mV Threshold Dial Ratio = mV

☐ HV Readout (2 points) Ref./Inst. 500 / 500 V Ref./Inst. 2000 / 2005 V

COMMENTS: Firmware: 261010
Calibrated with 39"C Cable.

Gamma Calibration: GM detectors positioned perpendicular to source except for M 44-9 in which the front of probe faces source.

RANGE/MULTIPLIER	REFERENCE CAL. POINT	INSTRUMENT REC'D "AS FOUND READING"	INSTRUMENT METER READING*
X 1K	400 Kcpm	N/A	400
X 1K	100 Kcpm		100
X 100	40 Kcpm		400
X 100	10 Kcpm		100
X 10	4 Kcpm		400
X 10	1 Kcpm		100
X 1	400 cpm		400
X 1	100 cpm		100

*Uncertainty within ± 10% C.F. within ± 20%

Range(s) Calibrated Electronically

	REFERENCE CAL. POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*		REFERENCE CAL. POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*
Digital Readout	400 Kcpm	N/A	398385	Log Scale	500 Kcpm	N/A	450K
	40 Kcpm		39839		50 Kcpm		50K
	4 Kcpm		3983		5 Kcpm		5K
	400 cpm		398		500 cpm		500
	40 cpm		40		50 cpm		50

Ludlum Measurements, Inc. certifies that the above instrument has been calibrated by standards traceable to the National Institute of Standards and Technology, or to the calibration facilities of other International Standards Organization members, or have been derived from accepted values of natural physical constants or have been derived by the ratio type of calibration techniques. The calibration system conforms to the requirements of ANSI/NCSL Z540-1-1994 and ANSI N323-1978 State of Texas Calibration License No. LO-1963

Reference Instruments and/or Sources:

Cs-137 Gamma S/N ☐ 1162 ☐ G112 ☐ M565 ☐ 5105 ☐ T1008 ☐ T879 ☐ E552 ☐ E551 ☐ Neutron Am-241 Be S/N T-304

☐ Alpha S/N ☐ Beta S/N ☐ Other

☑ m 500 S/N 121025 ☐ Oscilloscope S/N ☑ Multimeter S/N 78846185

Calibrated By: Date 18-Jun-03

Reviewed By: Date 24 Jun 03

FORM C22A 04/09/2003

AC Inst. Only ☐ Passed Dielectric (Hi-Pot) and Continuity Test ☐ Failed:

Certificate of Calibration

Voltage Plateau Form

ERG
Environmental Restoration Group, Inc.
12809 Arroyo De Vista NE
Albuquerque, NM 87111
(505) 298-4224

Detector Mfg.: Ludlum Model: 44-10 Serial No.: PR 114847

Counter Mfg.: Ludlum Model: 2221 Serial No.: 117357

Counter Threshold Setting: 10 mV Geometry / Distance to source: 6-inches

Source : ☐ Th230 @ 13,500 dpm m: 4098-03 ☐ Tc99 @ 18,100 dpm m: 4099-03

☒ Cs137 @ 6.5 µCi m: 4097-03 ☐ Other:

Count Time: 1 minute(s)

High Voltage	Gross Source Counts	Background Counts
500	31665	
600	63572	
700	76269	
800	81275	
900	82281	
1000	84500	
1100	101756	
1050	85961	

Recommended Operating Voltage: 800-1050 volts OV 900

Calibrated By: [signature] Calibration Date: 7-24-03

Calibration Due: 7-24-04

Reviewed By: [signature] Date: 7/24/03

Form 1.03A

of
Scientific and Industrial
Instruments

CERTIFICATE OF CALIBRATION

LUDLUM MEASUREMENTS, INC.
POST OFFICE BOX 810 PH. 325-235-5494
501 OAK STREET FAX NO. 325-235-4672
SWEETWATER, TEXAS 79556, U.S.A.

CUSTOMER ENVIROMENTAL RESTORATION GROUP ORDER NO. 297598/272534

Mfg. Ludlum Measurements, Inc. Model 2221 Serial No. 86306

Mfg. Model Serial No.

Cal. Date 21-Jul-03 Cal Due Date 21-Jul-04 Cal. Interval 1 Year Meterface 202-159

Check mark ☑ applies to applicable instr. and/or detector IAW mfg. spec. T. 72 °F RH 38 % Alt 704.8 mm Hg

☐ New Instrument Instrument Received ☐ Within Toler. +-10% ☐ 10-20% ☐ Out of Tol. ☑ Requiring Repair ☐ Other-See comments

☑ Mechanical ck. ☑ Meter Zeroed ☐ Background Subtract ☑ Input Sens. Linearity
☑ F/S Resp. ck ☑ Reset ck. ☑ Window Operation ☑ Geotropism
☑ Audio ck. ☐ Alarm Setting ck. ☑ Batt. ck. (Min. Volt) 5.0 VDC
☑ Calibrated in accordance with LMI SOP 14.8 rev 12/05/89. ☐ Calibrated in accordance with LMI SOP 14.9 rev 02/07/97.

Instrument Volt Set 1000 V Input Sens. 10 mV Det. Oper. V at mV Threshold Dial Ratio 100 = 10 mV

☑ HV Readout (2 points) Ref./Inst. 500 / 497 V Ref./Inst. 2000 / 2007 V

COMMENTS:
Instrument calibrated using a 39"cable.
Firmware version 261027

Gamma Calibration: GM detectors positioned perpendicular to source except for M 44-9 in which the front of probe faces source.

RANGE/MULTIPLIER	REFERENCE CAL. POINT	INSTRUMENT REC'D "AS FOUND READING"	INSTRUMENT METER READING*
X 1000	400 Kcpm	N/A	400
X 1000	100 Kcpm		100
X 100	40 Kcpm		400
X 100	10 Kcpm		100
X 10	4 Kcpm		400
X 10	1 Kcpm		100
X 1	400 cpm		400
X 1	100 cpm		104

*Uncertainty within ± 10% C.F. within ± 20% ALL Range(s) Calibrated Electronically

	REFERENCE CAL. POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*		REFERENCE CAL. POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*
Digital Readout	400 K cpm	N/A	400.75 (0)	Log Scale	500 K cpm	N/A	475K cpm
	40 K cpm		40.01		50 K cpm		50K
	4 K cpm		4.01		5 K cpm		5K
	400 cpm		40		500 cpm		500
	40 cpm		4				

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Reference Instruments and/or Sources:
Cs-137 Gamma S/N ☐ 1162 ☐ G112 ☐ M565 ☐ 5105 ☐ T1008 ☐ T879 ☐ E552 ☐ E551 ☐ Neutron Am-241 Be S/N T-304

☐ Alpha S/N ☐ Beta S/N ☐ Other

☑ m 500 S/N 70648 ☐ Oscilloscope S/N ☑ Multimeter S/N 61730074

Calibrated By: Ronnie Martinez Date 21-Jul-03

Reviewed By: W. Robison Date 22 July 03

DRM C22A 04/09/2003

AC Inst. Only ☐ Passed Dielectric (Hi-Pot) and Continuity Test ☐ Failed:

Certificate of Calibration

Voltage Plateau Form

ERG
Environmental Restoration Group, Inc.
12809 Arroyo De Vista NE
Albuquerque, NM 87111
(505) 298-4224

Detector Mfg.: Ludlum Model: ~~44-20~~ 44-10 Serial No.: PR150851

Counter Mfg.: Ludlum Model: 2221 Serial No.: 86306

Counter Threshold Setting: 10 mV

Geometry / Distance to source: 6-inches

Source : ☐ Th230 @ 13,500 dpm sn: 4098-03 ☐ Tc99 @ 18,100 dpm sn: 4099-03

☐ Cs137 @ 6.5 µCi sn: 4097-03 ☑ Other: 90CS120138 CS-137 @ 7.66 µ

Count Time: ~~0.5~~ 1 minute(s)

High Voltage	Gross Source Counts	Background Counts
800	56166	
900	79943	
1015	92982	8773
1050	94536	
1100	96472	
1125	99120	
1150	100234	9272
1175	101148	
1250	103307	

Recommended Operating Voltage: 1150 volts

Calibrated By: Lana Gilter

Calibration Date: 8-27-03

Calibration Due: 8-27-04

Reviewed By: [signature]

Date: 8/27/03

Form 1.03A