FORT McCLELLAN

APPENDIX L

FINAL RELEASE SURVEYS
TOOLS, EQUIPMENT, SUPPLIES, MISCELLANEOUS MATERIALS
and
FINAL RELEASE SURVEY LOG

DECEMBER 1996

ALLIED TECHNOLOGY GROUP

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FMR-085 Plywood, Ladder, Vacuum, Walkboard, Miscellaneous Equipment

FINAL

RADIATION / CONTAMINATION RELEASE SURVEY LOG

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	ATG #	DATE	TIME	PROJECT	DESCRIPTION OF SURVEY	# of PAGES	TECH INITIALS
x	FMR-001	12-5-95	0800	Ft. McClellan	Classroom Release East Wall	13	Ric
x	FMR-002	12-6-95	0845	Ft. McClellan	Class Rm - Release West Wall	~~14~~ 16	[illegible]
x	FMR 003	12-7-95	0845	Ft. M	Class Rm - South Wall	14	[illegible]
x	FMR004	12-11-95	0730	Ft McClellan	Class Rm - Floor		[illegible]
x	FMR005	12-12-95	0815	Ft. McClellan	Class Rm - North Wall		DKR
x	FMR006	12-14-95	0730	Ft. McClellan	Classrm - Ceiling		Ric
R	~~FMR007~~	~~12/20/95~~	~~1500~~	~~Ft. McClellan~~	~~Outside Air Handling Unit~~		~~ESP~~
	~~FMR007~~	~~12/20/95~~	~~0730~~	~~Ft McClellan~~	~~Classroom Structural Steel~~	changed to FMR-015	~~Ric~~
x	FMR-008	6-28-96	1030	Ft McClellan	Asbestos Bags	1	PLM
x	FMR-009	6-26-96	12:00	Ft McClellan	Clean Lead drum	2	[illegible]
TRI x	FMR010	7-2-96	1259	Ft McClellan	O/S ground AREA ADJ. TO 3192		[illegible]
	FMR 011	7-3-96	0720	Ft McClellan	QA Survey for Classroom BLDG #3192		[illegible]
x	FMR-012	7-3-96	0750	Ft McClellan	Release of Sink ~~+ Mis~~ [illegible] 7-3-96	1	[illegible]
mitted nged FM-200	~~FMR-013~~	~~7-2-96~~	~~0700~~	~~Ft McClellan~~	~~Trash Removal / Pre Job~~	1	[illegible]
x	FMR-014	7-2-96	1445	Ft McClellan	Release of Jackhammers + Bits	1	[illegible]
x	FMR-015	7-4-96	1400	Ft McClellan	Class Room Truss Survey BLDG 3192		[illegible]
x	FMR-016	7-4-96	1600	Ft McClellan	BLDG 3192 Classroom Upper & Lower Beam's		[illegible]
x	FMR-017	7-5-96	0630	Ft McClellan	Terramite, Backhoe	1	PLM
x	FMR-018	7-5-96	0800	Ft McClellan	BLDG 3192 Classroom Ceiling Stack Vent		[illegible]
x	FMR-~~18~~ 19	7-5-96	1105	Ft McClellan	Wood, Tools, Ladders, Cords.	2	[illegible]
x	FMR-20	7-8-96	1445	Ft McClellan	1'x1' Ceiling Tile	1	[illegible]
	~~FMR-21~~	~~7-9-96~~	~~0630~~	~~Ft McClellan~~	BLDG 3192 Classr		[illegible]
x	FMR-21	7-9-96	1030	Ft McClellan	Heavy Duty ½" Drill	1	[illegible]
x	FMR-22	7-10-96	N/A	Ft McClellan	Misc Tools + Equip from BLDG # 3192	1	[illegible]
					N/A		

NOTE 1: FMR 010 Surveys are labeled FM 010.

RADIATION / CONTAMINATION SURVEY LOG

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	ATG #	DATE	TIME	PROJECT	DESCRIPTION OF SURVEY	# of PAGES	TECH INITIALS
x	FMR-023	7-11-96	0700	FT McClellen	QA FOR BLDG 3192 FOYER		Da
x	FMR-024	7-11-96	0700	FT McClellen	BLDG 3192 FOYER WEST WALL		Da
x	FMR-025	7-12-96	0700	FT McClellen	BLDG 3192 FOYER EAST WALL		Da
x	FMR026	7-11-96	1240	FT McClellen	BLDG 3192 wood From South Wall Above Hot Cell	2	RAR.
x	FMR027	7-15-96	1000	FT McClellen	BLDG 3192 OFFICE QA		D
x	FMR-028	7-15-96	1000	FT McClellen	BLDG 3192 OFFICE WALLS		D
x	FMR029	7-16-96	1440	FT McClellen	BLDG 3192 INNER WALLS AC Room walls South ~~& west~~ DKJL 7-19-96		CH
x	FMR-030	7-17-96	0800	FT McClellen	BLDG 3192 FOYER UPPER & LOWER BEAMS		D
x	FMR-031	7-16-96	1000	FT McClellen	BLDG 3192 FOYER TRUSS 5&6		Da
x	FMR-032	7-16-96	1000	FT McClellen	BLDG 3192 FOYER CEILING		Da
x	FMR-033	7-17-96	1530	FT McClellan	BLDG # 3192 HOSE'S, SPRAYCAN'S, ELECTRIC GUNS	1	EJA
	FMR-034	7-18-96	0830	FT McClellan	BLDG 3192 FOYER NORTH WALL		DKJ
x	FMR-035	7.17.96	11:30	FT. McClellen	GRID WORK/SAMPLES		KE
x	FMR-036	7-16-96	1440	FT. McCLELLAN	BLDG 3192 AC Room - INNER WEST WALL		DKJ
x	FMR-037	7-19-96	0730	FT. McCLELLAN	BLDG 3192 AC Room - O/S South WALL		DKJ
x	FMR-038	7-19-96	0730	FT. McCLELLAN	BLDG 3192 O/S AC Room - ~~O/S~~ DKJL 7-19-96 WEST WALL		DKJ
x	FMR-039	7-19-96	0730	FT. McCLELLAN	BLDG 3192 O/S SHOWER Room - WEST WALL		DKJ
x	FMR-040	7-19-96	0730	FT. McCLELLAN	BLDG 3192 O/S SHOWER Room - South WALL		DKJ
x	FMR-041	7-19-96	0730	FT. McCLELLAN	BLDG 3192 I/S SHOWER Room - North WALL		DKJ
x	FMR-042	7-19-96	0730	FT. McCLELLAN	BLDG 3192 I/S SHOWER Room - South WALL		DKJ
x	FMR-043	7-19-96	0730	FT. McCLELLAN	BLDG 3192 I/S SHOWER Room - WEST WALL		DKJ
x	FMR-044	7-22-96	1200	FT McClellan	BLDG 3192 SHOWER Rm QA		D
x	FMR-045	7-23-96	1400	FT McClellan	BLDG 3192 A/C RM QA		D
NOTE 2	FMR-046	7-23-96	1515	FT McClellan	Cement cuttings Grid		KE
					N/A		

NOTE 2 : CEMENT CUTTING GRIDS DURVEYED WITH FMR 010 - FINAL RELEASE SURVEYS

RADIATION / CONTAMINATION SURVEY LOG

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ATG #	DATE	TIME	PROJECT	DESCRIPTION OF SURVEY	# of PAGES	TECH INITIALS
FMR-046	7-23-96	1600	FT McClellan	MISC. PIPES, LIGHTS, CONDUCTS UNCONDITIONALLY RELEASED IN HOT CELL.	2	JKW
FMR-047	7-24-96	0845	FT McClellan	Hotcell Roof O/S		CH
FMR-048	7-24-96	0845	Ft McClellan	Hotcell O/S north wall		CH
FMR-049	7-24-96	0845	FT McClellan	Hot Cell O/S west wall		CH
FMR-050	7-24-96	0845	FT McClellan	Hot Cell EAST Exterior WALL		CH
FMR-051	7-24-96	1030	FT McClellan	Torch Truck EXIT	2	JKW
FMR-052	7-24-96	1050	FT McCLELLAN	QA HOT CELL		[illegible]
FMR053	7-24-96	1440	"	MUSEUM Released (Floors Walls)		RAR
FMR-054	7-25-96	0700	"	BOSCH HAMMER	1	PLM
FMR-055	7-25-96	0800	" "	EAST EXTERIOR HOTCELL FLOOR		EJB
FMR-056	7-25-96	0800	FT McCLELLAN	AC Room FLOOR		EJB
FMR057	7-25-96	1300	Ft. McClellan	BLDG 3192 Foyer South wall		CH
FMR-058	7-25-96	1358	FT McCLELLAN	BLDG 3192 NORTH OFFICE FLOOR		EJB
FMR059	7-26-96	0730	FT McClellan	BLDG 3192 South/west Foyer Floor		CH
FMR-060	7-26-96	1040	FT McClellan	BLDG 3192 NORTH WEST FLOOR		EJB
FMR-061	7-29-96	0800	"	BLDG 3192 HOT CELL I/S CEILING		[illegible]
FMR-062	7-29-96	0800	"	BLDG 3192 HOT CELL I/S LEDGE		[illegible]
FMR-063	7-29-96	0800	"	BLDG 3192 HOT CELL I/S QA		[illegible]
FMR064	7-29-96	0800	Ft McClellan	BLDG 3192 Shower Room Floor		CH
FMR065	7-29-96	0800	Ft McClellan	Bldg 3192 Contact & R readings to dirt in trench area	1	CLB
FMR066	7-29-96	0800	Ft McClellan	Bldg 3192 QA readings for dirt in trench area	1	CLB
FMR067	7-29-96	050	" "	BLDG 3192 HOTCELL ENTRANCE		EJB
FMR068	7 29 96	1040	" "	BLDG 3192 SMEARS of Trench Door Area		RAR
FMR069	7-29-96	1500	FT McClellan	BLDG 3192 I/S HotCell South WALL		CH
FMR-070	7-30-96	0645	FT McCLELLAN	BLDG # 3192 I/S NORTH HOTCELL WALL		EJB

RADIATION / CONTAMINATION SURVEY LOG

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ATG #	DATE	TIME	PROJECT	DESCRIPTION OF SURVEY	# of PAGES	TECH INITIALS
x FMR071	7-30-96	0700	FT. McClellan	BLDG 3192 I/S Hot Cell EAST WALL		CH
x FMR072	7-30-96	0700	Ft McClellan	BLDG 3192 I/S Hot Cell West Wall		CH
x FMR073	7-30-96	0800	Ft. McClellan	Bldg. 3192 Misc. tools and equipment	1	CLB
x FMR-074	7-30-96	0900	↓	BLDG 3192 Foyer HOT CELL ENTRANCE QA		[illegible]
x FMR-075	7-30-96	1330	FT. McCLELLAN	BLDG 3192 Hot Cell Window Opening		DKM
FMR-075	7-30-96	1330	Ft. McCLELLAN	BLDG 3192 1-4 Manipulator Arm Holes		DKM
x FMR-076	7-30-96	1430	"	MUSEUM QA		PLM
x FMR-077	7-31-96	1100	Ft. McCLELLAN	Exit on torch	2	[illegible]
x FMR-078	7-25-96	0930	"	wood, misc items	2	NSW
x FMR-079	7-25-96	1330	"	misc tools	2	NSW
x FMR-080	7-26-96	0930	"	scaffolding	2	NSW
FMR-081	7-29-96	1400	"	misc equipment	2	NSW
FMR-082	7-31-96	1100	"	Exit on Air compressor	2	[illegible]
x FMR-083	7-31-96	1110	FT. McClellan	HANDTool release Fm 3192	1	JKW
x FMR-084	7-31-96	1415	FT. McCLELLAN	BLDG 3192 HOT CELL TUBE SHEET		DKM
x FMR-085	7-31-96	1515	"	Equipment used in hot cell	2	[illegible]
x FMR-086	7-31-96	1530	"	BLDG 3192 FOYER HOT CELL FLOOR DIRT SURVEY		[illegible]
x FMR-087	7-31-96	1530	"	BLDG 3192 FOYER HOT CELL FLOOR DIRT SURVEY QA		[illegible]

RADIOLOGICAL SURVEY REPORT

TGS #: FMR-008

	INSTRUMENTATION USED				
DATE: 6-28-96	MODEL	SERIAL #	EFF.%	BKGRD	CAL. DUE DATE
TIME: 10:30	Ludlum 19	98046	N/A	10 uR/HR	9-25-96
SURVEYOR: Patrick Manning	Ludlum 12	125261	10%	40 CPM	11-8-96
LOCATION: Bldg 3192	44-9	128041			
REVIEWED BY: Neal Wilhite	—	—	—	—	—
Smear Locations Circled. Dose Rates = microR/hr (μR/hr)	—	—	—	—	—

PURPOSE OF SURVEY: UNCONDITIONAL RELEASE AS Per ~~FOR~~ CRITERIA ESTABLISHED IN REG. Guide 1.86

NSW 6-28-96

SMEAR RESULTS

RESULTS = DPM/100cm²
UNLESS OTHERWISE NOTED

#	βγ	α
	N	A

SURVEY WAS OF TWO BAGS OF ASBESTOS TILE AND MISCELLANEOUS TRASH. A GROSS SMEAR WAS TAKEN ON EACH BAG. NOTHING ABOVE BKGD. WAS DETECTED. EACH BAG WAS DIRECT FRISKED WITH A LUDLUM MODEL 12 WITH A 44-9 PROBE. AGAIN NOTHING WAS DETECTED ABOVE BKGD. ALSO A LUDLUM MODEL 19 MICRO R METER WAS PLACED ON EACH BAG. AGAIN NOTHING WAS DETECTED ABOVE BKGD.

Remarks:

RADIOLOGICAL SURVEY REPORT

ATGS #: ~~FM 148~~ 6-26-96 FMR-009

DATE: 6-26-96	INSTRUMENTATION USED				
TIME: 1200	MODEL	SERIAL #	EFF.%	BKGRD	CAL. DUE DATE
SURVEYOR: B Richards	19	98102	N/A	15 uR/HR	9-25-96
LOCATION: Ft. McClellan	12	128041 125261	10%	400 dpm	11-8-96
REVIEWED BY: Neal S. White	—	—	—	—	—
Smear Locations Circled. Dose Rates = microR/hr (μR/hr)	—	—	—	—	—

PURPOSE OF SURVEY: Release of Lead From Hot cell Bld. 3192.

SMEAR RESULTS

RESULTS = DPM/100cm²
UNLESS OTHERWISE NOTED

#	βγ	α
S		
	E	
	E	
a		
	+	
	+	
	a	
		c
		H
		cd

Lead placed in clean lead drum. no dose rates above BKG were found BKG = 15 uR/HR.

Remarks:

SMEAR COUNTING ANALYSIS REPORT

FMR 009 JBC 12/3/96

DATE:	ATGS#:	ANALYSIS PERFORMED BY:
6-28-96	~~FM-198~~	R. TRANGAS

COUNTING SYSTEM DATA

INSTRUMENT I.D. 126128	DETECTOR I.D. 133007
EFFICIENCIES: α .29 βγ .23	MDA: α 5 βγ 144
PERFORMED BY: R. TRANGAS	
SAMPLE COUNT TIME: 1 MIN	ACTIVITY REPORT IN: ☒ dpm ☐ μCi
α BACKGROUND: 0 cpm	βγ BACKGROUND: 51 cpm

SAMPLE I.D. OR DESCRIPTION	GROSS COUNTS α	GROSS COUNTS βγ	NET COUNTS α	NET COUNTS βγ	ACTIVITY α	ACTIVITY βγ
1 LEAD	0	69	0	18	<MDA	<MDA
2	0	51	0	0		
3	0	58	0	7		
4	0	46	0	-5		
5	0	48	0	-3		
6 OS	2	59	2	8		
7 OS	0	42	0	-9		
8 IS	0	54	0	3		
9 IS	0	51	0	0		
10 LEAD	0	50	0	-1		
BLANK	0	56	0	5	<MDA	<MDA

Remarks:

Reviewed By:	Date:
[signature]	7-3-96

RADIOLOGICAL SURVEY REPORT

ATGS #: FMR-012

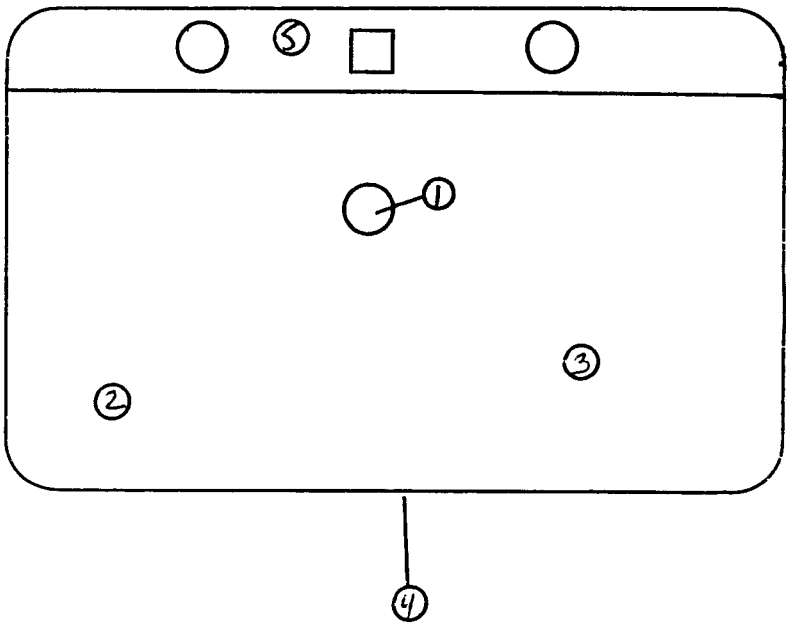
	INSTRUMENTATION USED				
DATE: 7.3.96					
TIME: 0750	MODEL	SERIAL #	EFF.%	BKGRD	CAL. DUE DATE
SURVEYOR: C. Russo/E Humphres	12 Bγ	125261 128041	10	60	11.8.96
LOCATION: Bld. 3192					
REVIEWED BY: Ned White					
Smear Locations Circled. Dose Rates = microR/hr (μR/hr)					

PURPOSE OF SURVEY: To Unconditionally Release Sink From Bld. 3192

SMEAR RESULTS

RESULTS = DPM/100cm²
UNLESS OTHERWISE NOTED

#	βγ	α
1		
2	See	
3	Attached	
4		
5	Sheet	



Remarks: Direct Frisk <100 cpm

SMEAR COUNTING ANALYSIS REPORT

DATE:	ATGS#:	ANALYSIS PERFORMED BY:
7-3-96	FMR-012	R TRANGAS

COUNTING SYSTEM DATA

INSTRUMENT I.D. 126 128	DETECTOR I.D. 133007
EFFICIENCIES: α .294 βγ ~~.293~~ REV .239	MDA: α 5DPM βγ 136 DPM
PERFORMED BY: E Humphries	
SAMPLE COUNT TIME: 1 MIN	ACTIVITY REPORT IN: ☒ dpm ☐ μCi
α BACKGROUND: 0.1 cpm	βγ BACKGROUND: 49 cpm

SAMPLE I.D. OR DESCRIPTION	GROSS COUNTS α	GROSS COUNTS βγ	NET COUNTS α	NET COUNTS βγ	ACTIVITY α	ACTIVITY βγ
1 SINK Release	0	59	-.1	10	<MDA	<MDA
2 From Bldg 3192	0	57	-.1	8		
3	0	42	-.1	-7		
4	0	57	-.1	8		
5	1	54	.9	5		
BLANK	0	49	-.1	0	<MDA	<MDA
	N	A				

Remarks:

Reviewed By: Neil White

Date: 7-9-96

ALLIED TECHNOLOGY GROUP, INC. FORM ATGF-006

RADIOLOGICAL SURVEY REPORT

TGS #: FMR-~~011~~ 014 7-3-96

DATE: 7-2-96	INSTRUMENTATION USED				
TIME: 1445	MODEL	SERIAL #	EFF.%	BKGRD	CAL. DUE DATE
SURVEYOR: E Humphres	388	96996 97992	.16	60	12-7-96
LOCATION: Bldg # 3192			N/A		
REVIEWED BY: Neal S. White					
Smear Locations Circled. Dose Rates = microR/hr (μR/hr)					

PURPOSE OF SURVEY: Unconditional Release of Jackhammers & Air Hoses and Bits.

Jack Hammer #1
Jack Hammer #2
Hose #1
Hose #2
Bits 1, 2, 3, 4.

SMEAR RESULTS
RESULTS = DPM/100cm²
UNLESS OTHERWISE NOTED

#	βγ	α
1	<100CPM/M	
2		
3		
4		
5		
6		
7		
8	<100CPM/M	
	N/A	

Bits

Remarks: Equipment Returned To Rental Company.
NOTE: All Smears Taken with Massilon

RADIOLOGICAL SURVEY REPORT

ATGS #: FMR-017

DATE: 7.5.96	INSTRUMENTATION USED				
TIME: 0630	MODEL	SERIAL #	EFF.%	BKGRD	CAL. DUE DATE
SURVEYOR: P.Manning / C.Russo	3 α	100357 098037	10	Ø	11.8.96
LOCATION: FM Bld. 3192 Area	3 βγ	100466 098598	10	60	12.7.96
REVIEWED BY: Neal Whaty					
Smear Locations Circled. Dose Rates = microR/hr (μR/hr)					

PURPOSE OF SURVEY: To Unconditionally Release Terramite (SN.5950690-5/T5C-M) From Site.

SMEAR RESULTS

RESULTS = DPM/100cm² UNLESS OTHERWISE NOTED

	#	βγ	α
Bucket	1		
L. Front Tire	2	See	
L. Back Tire	3		
L. outrigger	4		
Back Shovel Bucket	5	Attached	
R. outrigger	6		
R. Back Tire	7		
Gas Pedal	8	Sheet	
R. Front Tire	9		
Steering Wheel	10		
Spare Bucket	11		

N A

Remarks: Direct frisk (βγ, α) of Accesable areas < 100 cpm βγ / Ø α.

SMEAR COUNTING ANALYSIS REPORT

DATE:	ATGS#:	ANALYSIS PERFORMED BY:
7-5-96	FMR-017	RICHARD TRANGAS

COUNTING SYSTEM DATA

INSTRUMENT I.D. 126 128	DETECTOR I.D. 133007
EFFICIENCIES: α .268 βγ .237	MDA: α 6 Dpm βγ 137 Dpm
PERFORMED BY: MANNING	
SAMPLE COUNT TIME: 1 MIN	ACTIVITY REPORT IN: ☒ dpm ☐ μCi
α BACKGROUND: 0.1 cpm	βγ BACKGROUND: 49 cpm

SAMPLE I.D. OR DESCRIPTION	GROSS COUNTS α	GROSS COUNTS βγ	NET COUNTS α	NET COUNTS βγ	ACTIVITY α	ACTIVITY βγ
1 BackHoe	0	54	-.1	5	<MDA	<MDA
2	0	60	-.1	11		
3	1	47	.9	-2		
4	1	60	.9	11		
5	0	61	-.1	12		
6	0	55	-.1	6		
7	1	44	.9	-5		
8	0	47	-.1	-2		
9	1	53	.9	4		
10	1	58	.9	9		
11	0	64	-.1	15		
BLANK	0	50	-.1	1	<MDA	<MDA

Remarks:

Reviewed By:	Date:
Neal S. Whitty	7-9-96

RADIOLOGICAL SURVEY REPORT

ATGS #: FMR-19

DATE: 7-5-96	INSTRUMENTATION USED				
TIME: 1330	MODEL	SERIAL #	EFF.%	BKGRD	CAL. DUE DATE
SURVEYOR: E HUMPHRES	44-9-3	96597 100502	.10	60	12-7-96
LOCATION: BLDG # 3192					
REVIEWED BY: [signature]		N/A			
Smear Locations Circled. Dose Rates = microR/hr (μR/hr)					

PURPOSE OF SURVEY: UNCONDIONAL RELEASE OF TOOLS + EQUIP.

SMEAR RESULTS

RESULTS = DPM/100cm² UNLESS OTHERWISE NOTED

	#	βγ	α
(1) - RAD SIGN			
(2) - RAD SIGN			
(3) 6' WOOD			
(4) 8' WOOD			
5) CONFINE SPACE BLOWER			
(6) CHAIR			
(7) HIGH VOL PUMP			
(8) FIRE EXTINGUISHER			
(9) EXTENSION CORD			
(10) RAD SIGN PLYWOOD		N/A	
(11) FLOOR FAN			
(12) 5 GAL BUCKET			
(13) DRUM LID			
(14) CHAIR			
(15) CHAIR			
(16) WHEEL BARREL			
(17) SHOVEL			

Remarks: NOTE: SEE PAGE 3+4 FOR SMEAR RESULTS. ALL TOOLS + EQUIP DIRECT FRISK <100 CPM

RADIOLOGICAL SURVEY REPORT

ATGS #: FMR-019

	INSTRUMENTATION USED				
DATE: 7-5-96	MODEL	SERIAL #	EFF.%	BKGRD	CAL. DUE DATE
TIME: 1330					
SURVEYOR: E HUMPHRES	44.9-3	98547 100502	.10	60	12-7-96
LOCATION: BLDG # 3152					
REVIEWED BY: Neil S. White			N/A		
Smear Locations Circled. Dose Rates = microR/hr (μR/hr)					

PURPOSE OF SURVEY: UNCONDITIONAL RELEASE OF TOOLS & EQUIP.

SMEAR RESULTS

RESULTS = DPM/100cm² UNLESS OTHERWISE NOTED

	#	βγ	α
(18) 2x6 WOOD			
(19) EXTENSION CORD			
(20) HAMMER DRILL			
(21) WOOD			
(22) PALLET			
(23) SHOVEL			
(24) RAD STAND			
(25) EXTINGUISHER		N/A	
(26) PAPER (ROLL)			
(27) JACK HAMMER BIT			
(28) HAND SHOVEL			
(29) WATER SPRAYERS			
(30) 6' STEP LADDER			
N/A			

Remarks: NOTE: SEE PAGE 3 & 4 FOR SMEAR RESULTS
ALL TOOLS AND EQUIP DIRECT FRISK <100CPM

SMEAR COUNTING ANALYSIS REPORT

DATE:	ATGS#:	ANALYSIS PERFORMED BY:
7-8-96	FMR-019	R. TRANCEAS

COUNTING SYSTEM DATA

INSTRUMENT I.D. 99045	DETECTOR I.D. 098325
EFFICIENCIES: α .281 βγ .157	MDA: α 12 DPM βγ 231 DPM
PERFORMED BY: E Humphries	
SAMPLE COUNT TIME: 1 MIN	ACTIVITY REPORT IN: ☒ dpm ☐ μCi
α BACKGROUND: 0.5 cpm	βγ BACKGROUND: 61 cpm

SAMPLE I.D. OR DESCRIPTION	GROSS COUNTS α	GROSS COUNTS βγ	NET COUNTS α	NET COUNTS βγ	ACTIVITY α	ACTIVITY βγ
1 BLDG 3192	0	75	-.5	14	<MDA	<MDA
2 RAD SIGNS	3	64	2.5	3	9	
3 Confined Space Blower	0	54	-.5	-7	<MDA	
4 Chair	1	48	.5	-13		
5 High Vol Pump	0	66	-.5	5		
6 Fire Extinguisher	0	68	-.5	7		
7 Elect Cord	1	55	.5	-6		
8 RAD Sign on Plywood	1	62	.5	1		
9 Floor Fan	0	68	-.5	7		
10 5 Gallon Buckett	0	74	-.5	13		
11 55 Gallon Drum Lid	0	66	-.5	5		
12 Chair	0	55	-.5	-6		
13 Chair	0	61	-.5	0		
14 Wheel Barrow	0	57	-.5	-4		
15 Shovel	0	62	-.5	1		
16 2X6 Wood	0	63	-.5	2		
17 Extension Cord	0	49	-.5	-13		
18 Hammer Drill	0	71	-.5	10		
19 Wood	0	61	-.5	0		✓
BLANK	1	62	.5	1	<MDA	<MDA

Remarks:

Reviewed By:	Date:
Neal S. White	7-9-96

SMEAR COUNTING ANALYSIS REPORT

DATE:	ATGS#:	ANALYSIS PERFORMED BY:
7-8-96	FMR-019	R. TRANEAS

COUNTING SYSTEM DATA

INSTRUMENT I.D. 99045	DETECTOR I.D. 098325
EFFICIENCIES: α .281 βγ .157	MDA: α 12 DPM βγ 231 DPM
PERFORMED BY: E Humphries	
SAMPLE COUNT TIME: 1 MIN	ACTIVITY REPORT IN: ☒ dpm ☐ μCi
α BACKGROUND: 0.5 cpm	βγ BACKGROUND: 61 cpm

SAMPLE I.D. OR DESCRIPTION	GROSS COUNTS α	GROSS COUNTS βγ	NET COUNTS α	NET COUNTS βγ	ACTIVITY α	ACTIVITY βγ
20 Pallet BLDG 3192	0	40	-.5	-19	<MDA	<MDA
21 Shovel	1	53	-.5	-8		
22 RAD STAND	0	60	-.5	-1		
23 Fire Extinguisher	0	62	-.5	1		
24 Roll of paper	2	59	1.5	-2		
25 Jackhammer	1	68	.5	7		
26 Shovel	1	72	.5	11		
27 WATER BOTTLES	0	63	-.5	2		
28 6' STEP LADDER	2	71	.15	10		
BLANK	0	67	-.5	6	<MDA	<MDA

Remarks:

Reviewed By: Neil S. White

Date: 7-9-96

RADIOLOGICAL SURVEY REPORT

ATGS #: FMR-020

	INSTRUMENTATION USED				
DATE: 7-8-96	MODEL	SERIAL #	EFF.%	BKGRD	CAL. DUE DATE
TIME: 1445					
SURVEYOR: E Humphres	44-9-3	100466	.10	60	12-7-96
LOCATION: BLDG # 3192					
REVIEWED BY: Neal Whitty			N/A		
Smear Locations Circled. Dose Rates = microR/hr (μR/hr)					

PURPOSE OF SURVEY: UNCONDIONAL Release OF Ceiling TILE FROM BLDG # 3192 FRONT OFFICE

SMEAR RESULTS

RESULTS = DPM/100cm²
UNLESS OTHERWISE NOTED

	#	βγ	α
≈ 25 1'x1' TILES ALL TILES DIRECT FRISK <100 CPM			
N A		N A	

Remarks: THIS IS A DIRECT FRISK SURVEY

RADIOLOGICAL SURVEY REPORT

ATGS #: ~~FM 216~~ JKW FMR-021

DATE: 7-9-96	INSTRUMENTATION USED				
TIME: 1030	MODEL	SERIAL #	EFF.%	BKGRD	CAL. DUE DATE
SURVEYOR: J. WHATLEY	12	97992	10%	40 CPM	12-7-96
LOCATION: FT. McCLELLAN		N			
REVIEWED BY: Neal S. Whatley			A		
Smear Locations Circled. Dose Rates = microR/hr (μR/hr)					

PURPOSE OF SURVEY: UNCONDITIONAL RELEASE OF THE FOLLOWING ITEM AS PER THE RELEASE CRITERIA ESTABLISHED IN NRC REGULATORY GUIDE 1.86

HEAVY DUTY ½" DRILL #1321

LARGE AREA SMEAR WAS TAKEN. NO DETECTABLE COUNTS OVER BACKGROUND. BACKGROUND = 40CPM

SMEAR RESULTS

RESULTS = DPM/100cm²
UNLESS OTHERWISE NOTED

#	βγ	α
N	A	

Remarks:

RADIOLOGICAL SURVEY RECORD

Line Entry Survey Form

Date: 7/12/96

Survey No: FMR.22

RWP#	Job Location / Description	Time	Dose Rates G/A	Dose Rates W/A	Dose Rates Max.	Smear Results	Survey Instr. Type	Survey Instr. S/N	Count Instr. Type	Count Instr. S/N	Name / Signature
FM 107	BLDG # 3192	0735	N/A	N/A	N/A	<100	~~3-44-9~~ 3-44-9	~~N/A~~ 100466	3-44-9	100466	E Humphres
	Comments: UNCONDITIONAL RELEASE OF STEP LADDER SMEAR = CPM/MASSLIN										
FM107	BLDG # 3192	1100	N/A	N/A	N/A	<100	3-44-9	100466	3-44-9	100466	E Humphres
	Comments: UNCONDITIONAL RELEASE OF CHAIN FALL SMEAR -										
FM107	BLDG # 3192	1130	N/A	N/A	N/A	<100	3-44-9	100466	3-44-9	100466	E Humphres
	Comments: UNCONDITIONAL RELEASE OF BARREL CART										
FM 107	BLDG # 3192	1145	N/A	N/A	N/A	<100	3-44-9	100466	3-44-9	100466	E Humphres
	Comments: UNCONDITIONAL Release of 3 Bags of ceilling tile										
FM-107	BLDG # 3192	1340	N/A	N/A	N/A	<100	3-44-9	~~N/A~~ 100466	3-44-9	100466	E Humphres
	Comments: UNCONDITIONAL Release OF CHAIN FALL										
FM-107	BLDG # 3192	1345	N/A	N/A	N/A	<100	3-44-9	100466	3-44-9	100466	E Humphres
	Comments: UNCONDITIONAL Release OF PIPE'S										
FM-107	BLDG # 3192	1350	N/A	N/A	N/A	<100	3-44-9	100466	3-44-9	100466	E Humphres
	Comments: SUSPENDED CEILING SUPPORTS, UNCONDITIONAL Release										
FM-107	BLDG # 3192	1400	N/A	N/A	N/A	<100	3-44-9	100466	3-44-9	100466	E Humphres
	Comments: FLOOR DRAIN COVER UNCONDITIONAL Release										
	Comments: N/A										
	Comments:										

- This form is not to be used for: Pre-RWP Surveys, Initial Job Surveys or Post Decon Surveys.
- Reason for survey or other information pertinent to the interpretation of results are to be noted in comments.
- Smear results are in DPM/100cm² or mRad/hr/100cm² denoted by an accompanying β or CPM/MASLIN denoted by an accompanying M.

- Dose Rates are in µR/hr unless otherwise noted.

Reviewed By: [signature] 7-12-96

RADIOLOGICAL SURVEY REPORT

ATGS #: ~~PM 233~~ RAP FMR:-026

DATE: 7-11-96	INSTRUMENTATION USED				
TIME: 1240	MODEL	SERIAL #	EFF.%	BKGRD	CAL. DUE DATE
SURVEYOR: J. Ruprecht	LUDLUM 12	125254	10%	60 CPM	12-1-96
LOCATION: FT. McClullen Hot CELL	—	—	—	—	—
REVIEWED BY: Neal Wheatly	NA	NA	NA	NA	NA
Smear Locations Circled. Dose Rates = microR/hr (μR/hr)	NA	NA	NA	NA	NA.

PURPOSE OF SURVEY: UNCONDITIONAL RELEASE OF PLYWOOD AND 2 BY 4's FROM SOUTH WALL ABOVE HOT CELL PER THE CRITERIA ESTABLISHED IN NRC REGULATORY GUIDE 1.86

ALL WOOD REMOVED FROM WALL ABOVE HOT CELL ON SOUTH SIDE OF CELL

Remarks:

SMEAR RESULTS

RESULTS = DPM/100cm²
UNLESS OTHERWISE NOTED

#	βγ	α
	SEE ATTACHED	

SMEAR COUNTING ANALYSIS REPORT

DATE:	ATGS#:	ANALYSIS PERFORMED BY:
7-12-96	FMR-026	R TRANEAS

COUNTING SYSTEM DATA

INSTRUMENT I.D. 99045	DETECTOR I.D. 098325
EFFICIENCIES: α .292 βγ .152	MDA: α 7 Dpm βγ 237 Dpm
PERFORMED BY: JR RUPRECHT	
SAMPLE COUNT TIME: 1 MIN	ACTIVITY REPORT IN: ☒ dpm ☐ μCi
α BACKGROUND: 0.2 cpm	βγ BACKGROUND: 60 cpm

SAMPLE I.D. OR DESCRIPTION	GROSS COUNTS α	GROSS COUNTS βγ	NET COUNTS α	NET COUNTS βγ	ACTIVITY α	ACTIVITY βγ
1 PLYWOOD WALL	0	60	-.2	0	<MDA	<MDA
2 SOUTH SIDE	0	59	-.2	-1	<MDA	
3 ABOVE HOT CELL	0	71	-.2	11	<MDA	
4	3	57	2.8	-3	10	
5	0	60	-.2	0	<MDA	
6	0	73	-.2	13	<MDA	
BLANK	2	59	1.8	-1	<MDA	<MDA

Remarks:

Reviewed By: Neal White

Date: 7-17-96

RADIOLOGICAL SURVEY RECORD

Line Entry Survey Form

Date: 7/17/96

Survey No: FMR-033

RWP#	Job Location / Description	Time	Dose Rates G/A	Dose Rates W/A	Dose Rates Max.	Smear Results	Survey Instr. Type	Survey Instr. S/N	Count Instr. Type	Count Instr. S/N	Name / Signature
FM-107	BLDG # 3192	1530	N/A	N/A	N/A	CPM <100/M	3-44-9	47992 / 96946	3-44-9	47992 / 96946	E Humphries
	Comments: UNCONDITIONAL Release of Tools, Hoses, Spray Cans, Electric Hammers & Bits										
	Comments:										
	Comments:										
	Comments:										
	Comments: N/A										
	Comments:										
	Comments:										
	Comments:										
	Comments:										
	Comments:										

- This form is not to be used for: Pre-RWP Surveys, Initial Job Surveys or Post Decon Surveys.
- Reason for survey or other information pertinent to the interpretation of results are to be noted in comments.
- Smear results are in DPM/100cm² or mRad/hr/100cm² denoted by an accompanying β or CPM/MASLIN denoted by an accompanying M.

- Dose Rates are in μR/hr unless otherwise noted.

Reviewed By: Neal Whitty

UNCONDITION RELEASE LOG

RADIOLOGICAL SURVEY RECORD

Line Entry Survey Form

ART-DATE: 7/17/96 Job Location:
ND-Date: 7/24/96 FT. McCELLAN/OUTSIDE SURROUNDING GROUND AREA ADJACENT TO BLDG. 3192

Survey No: FMR-035

DATE: RWP#	~~Job Location~~ / Description	Time	Dose Rates G/A	Dose Rates W/A	Dose Rates Max.	Smear Results	Survey Instr. Type	Survey Instr. S/N	Count Instr. Type	Count Instr. S/N	Name / Signature
FMR 106 7-17-96	GRID U-18/SHOVEL	15:00	N/A	N/A	N/A	<100	M3449	100466	M3 44.9	100466	Archie Jackson
	Comments: SMEAR RESULTS ARE CCPM/~~MASLIN~~ GROSS MASSLINE										Kathleen Corbett
7-18-96 FM 106	GRID V-18 - R-17	1510	N/A	N/A	N/A	<100	3-449	100466	3-44-9	100466	E Humphreys
	Comments: SMEAR OF SHOVEL AFTER SOIL SAMPLE CCPM/MASSLIN										[illegible]
7-23-96 FM 106	GRID O-16 SHOVELS/TOOLS	1330	N/A	N/A	N/A	<100	M3-449	100466 98598	M3 443	100466 98598	Kathleen Corbett
	Comments: Smear results = ccpm/gross masslin										Kathleen Corbett
7-23-96 FM 106	Grid R-7/Shovels/METERS Tools	1700	N/A	N/A	N/A	<100	M3-449	100466 98598	M3 443	100466 98598	Kathleen Corbett
	Comments: Smear results are ccpm/gross masslin										Kathleen Corbett
7-24-96 FM 106	Grid S-7/R-7 tools eqpt.	1500	N/A	N/A	N/A	<100	M3449	100466 98598	M3 443	100466 98598	Kathleen Corbett
	Comments: Smear results = ccpm/gross masslin										Kathleen Corbett
	Comments:										
	Comments:										
						A					
	Comments:			N							
	Comments:										
	Comments:										

- This form is not to be used for: Pre-RWP Surveys, Initial Job Surveys or Post Decon Surveys.
- Reason for survey or other information pertinent to the interpretation of results are to be noted in comments.
- Smear results are in DPM/100cm² or mRad/hr/100cm² denoted by an accompanying β or CPM/MASLIN denoted by an accompanying M.

- Dose Rates are in µR/hr unless otherwise noted.

Reviewed By: Neal Whitley

RADIOLOGICAL SURVEY REPORT

ATGS #: FMR-046

	INSTRUMENTATION USED				
DATE: 7-24-96	MODEL	SERIAL #	EFF.%	BKGRD	CAL. DUE DATE
TIME: 0700	3	100466	10%	43cpm	12-7-96
SURVEYOR: J. WHATLEY					
LOCATION: FT. McCLELLAN					
REVIEWED BY: Neil Whatley					
Smear Locations Circled. Dose Rates = microR/hr (μR/hr)					

PURPOSE OF SURVEY: UNCONDITIONAL RELEASE OF THE FOLLOWING ITEMS AS PER THE RELEASE CRITERIA ESTABLISHED IN NRC REGULATORY GUIDE 1.86

MISCELLANEOUS LIGHTS, PIPES, CONDUCTS AND PUMP SYSTEM. THESE ITEMS ARE IN ABOVE H-VAC ROOM, SHOWER, OFFICE, HOT CELL CEILING AND ENTRANCE to BLDG 3192. GROSS MASLINESMEARS AND DIRECT FRISK SHOWED NO DETECTABLE COUNTS ABOVE BACKGROUND.

Remarks:

SMEAR RESULTS RESULTS = DPM/100cm² UNLESS OTHERWISE NOTED		
#	βγ	α
SEE	ATTACHED	SHEET

SMEAR COUNTING ANALYSIS REPORT

DATE: 07-24-96	ATGS#: FMR-046	ANALYSIS PERFORMED BY: R. Gray

COUNTING SYSTEM DATA

INSTRUMENT I.D. 99045	DETECTOR I.D. 098325
EFFICIENCIES: α .246% βγ .155%	MDA: α 6 DPM βγ 230 DPM
PERFORMED BY: J. Whatley	
SAMPLE COUNT TIME: 1 min	ACTIVITY REPORT IN: ☒ dpm ☐ μCi
α BACKGROUND: 0.1 cpm	βγ BACKGROUND: 60 cpm

SAMPLE I.D. OR DESCRIPTION	GROSS COUNTS α	GROSS COUNTS βγ	NET COUNTS α	NET COUNTS βγ	ACTIVITY α	ACTIVITY βγ
Light Fix Above door RM #1	0	71	-.1	11	<MDA	<MDA
Connecting Conduct #2	0	60	-.1	0		
Pump System - R/C #3	0	55	-.1	-5		
Pump System Above #4	0	44	-.1	-16		
Light Fix North #5	0	62	-.1	2		
Blank	0	47	-.1	-13		
48" Floresent Light Fixer #6	0	43	-.1	-17		
" " #7	0	58	-.1	2		
" " #8	0	73	-.1	13		
1 Bamlight South End #9	0	57	-.1	-3		
1 Bamlight North #10	1	41	9	11		
48" Floresent light-N. #11	0	69	-.1	1		
48" Floresent light-S. #12	1	52	9	8		
Steel Filter #13	1	60	9	0	<MDA	<MDA
NA	NA	NA	NA	NA	NA	NA

Remarks: Smear From Hot Cell Misc Pipes, Conducts & light Fixer.

Reviewed By: Ned White

Date: 7-24-96

RADIOLOGICAL SURVEY REPORT

ATGS #: FmR-051

DATE: 7-24-96	INSTRUMENTATION USED				
TIME: 10 30	MODEL	SERIAL #	EFF.%	BKGRD	CAL. DUE DATE
SURVEYOR: J. WHATLEY	3	100466	10%	40 cpm	12-7-96
LOCATION: FT. McCLELLAN	~~2929~~ KW 7-24-96				
REVIEWED BY: Neal Whatley			N	A	
Smear Locations Circled. Dose Rates = microR/hr (μR/hr)					

PURPOSE OF SURVEY: UNCONDITIONAL RELEASE OF THE FOLLOWING ITEMS AS PER THE RELEASE CRITERIA ESTABLISHED by NRC REGULATORY GUIDE 1.86

Exit Survey of Torch Truck. Direct Frisk showed No Detectable Counts Above Background. Smear Analysis see Attached Sheet.

SMEAR RESULTS

RESULTS = DPM/100cm²
UNLESS OTHERWISE NOTED

#	βγ	α
	N	A

Remarks:

SMEAR COUNTING ANALYSIS REPORT

DATE:	ATGS#:	ANALYSIS PERFORMED BY:
07-24-96	FMR-51	[illegible]

COUNTING SYSTEM DATA

INSTRUMENT I.D. 99045	DETECTOR I.D. 098325
EFFICIENCIES: α .346 % βγ .155 %	MDA: α 6 DPM βγ 230 DPM
PERFORMED BY: J. Whatley	
SAMPLE COUNT TIME: 1 min	ACTIVITY REPORT IN: ☒ dpm ☐ μCi
α BACKGROUND: 0.1 cpm	βγ BACKGROUND: 60 cpm

SAMPLE I.D. OR DESCRIPTION	GROSS COUNTS α	GROSS COUNTS βγ	NET COUNTS α	NET COUNTS βγ	ACTIVITY α	ACTIVITY βγ
Right Ft Tire #1	0	60	-1	0	<MDA	<MDA
Right R Tire #2	0	~~59~~ RS 59	-1	1		
Bed of Truck #3	0	64	-1	6		
Blank Chip	0	71	-1	-11		
Hose of Torch #4	0	56	-1	4		
Torch #5	0	59	-1	1		
Driver Side Floor #6	0	42	-1	18	<MDA	<MDA
N/A	N/A	N/A	N/A	N/A	N/A	N/A

Remarks: Smear are from Torch Truck Survey.

Reviewed By: [illegible] Date: 7-29-96

RADIOLOGICAL SURVEY REPORT

TGS #: FMR-054

DATE: 7-25-96	INSTRUMENTATION USED				
TIME: 0700	MODEL	S/N	EFF.%	BKRD	CAL. DUE DATE
SURVEYOR: P. MANNING	3 / PR 44-9	100466 / 098598	10%	60	12-7-96
LOCATION: BOSCH CHIPPING HAMMER					
REVIEWED BY: [signature]		N	A		
Smear Locations Circled; Dose	Rates=	mR/hr			

PURPOSE OF SURVEY: CONTAMINATION SURVEY FOR RELEASE.

SMEAR RESULTS
RESULTS = DPM/100cm²
UNLESS NOTED

	#	βγ	α
HAMMER AND CARRYING CASE WERE SMEARED AND FRISKED IN THE FIELD NOTHING ABOVE BACKGROUND WAS DETECTED.		N A	

Remarks:

ALLIED TECHNOLOGY GROUP, INC. FORM ATGF-001

RADIOLOGICAL SURVEY REPORT

ATGS #: FMR073

DATE: 7-30-96	INSTRUMENTATION USED				
TIME: 0800	MODEL	S/N	EFF.%	BKRD	CAL. DUE DATE
SURVEYOR: Chad Becker	12	125261	10	40	11-8-96
LOCATION: Building 3192					
REVIEWED BY: Neil Whitty					
Smear Locations Circled: Dose	Rates= ~~mR/hr~~				

PURPOSE OF SURVEY: Removal of miscellaneous tools and equipment from building 3192

SMEAR RESULTS
RESULTS = DPM/100cm²
UNLESS NOTED

Survey of miscellaneous tools and equipment showed no detectable levels above background when performing direct surveys or on gross massilin smears.

#	βγ	α
	N/A	

Remarks:

ALLIED TECHNOLOGY GROUP, INC. FORM ATGF-001

RADIOLOGICAL SURVEY REPORT

ATGS #: FMR-077

	INSTRUMENTATION USED				
DATE: 7-31-96	MODEL	SERIAL #	EFF.%	BKGRD	CAL. DUE DATE
TIME: 1100					
SURVEYOR: J. Golliher	12	100466	10	40	12-7-96
LOCATION: 3192			N/A		
REVIEWED BY: Neal Whitty			N/A		
Smear Locations Circled. Dose Rates = microR/hr (μR/hr)			N/A		

PURPOSE OF SURVEY: To release torch and equip. from BLD. 3192 as per criteria established by the NRC Regulatory Guide 1.86

SMEAR RESULTS
RESULTS = DPM/100cm²
UNLESS NOTED

	#	βγ	α
Torch + Hose used in 3192			
Note: Gross massilin revealed <100cpm/massilin			
		SEE Attached Sheet	

Remarks: Direct frisk indicated that there was <100 cpm over background.

SMEAR COUNTING ANALYSIS REPORT

DATE:	ATGS#:	ANALYSIS PERFORMED BY:
7-31-96	FMR-077	K Corbett

COUNTING SYSTEM DATA

INSTRUMENT I.D. 126128	DETECTOR I.D. 133007
EFFICIENCIES: α .266 βγ .243	MDA: α 6 DPM βγ 140 DPM
PERFORMED BY: Jason Golliher	CAL DUE DATE 12-14-96
SAMPLE COUNT TIME: 1 min	ACTIVITY REPORT IN: ☒ dpm ☐ μCi
α BACKGROUND: 0.1 cpm	βγ BACKGROUND: 54 cpm

SAMPLE I.D. OR DESCRIPTION	GROSS COUNTS α	GROSS COUNTS βγ	NET COUNTS α	NET COUNTS βγ	ACTIVITY α	ACTIVITY βγ
TORCH TOP 1	0	46	-.1	-8	<MDA	<MDA
TORCH HOSE 2	0	55	-.1	1	↓	↓
BLANK	1	53	0.9	-1	↓	↓
		N A				

Remarks: FROM BLDG 3192 (11:00)

Reviewed By:	Date:
Neal Whatley	7-31-96

RADIOLOGICAL SURVEY REPORT

TGS #: FMR-~~013~~ 078 NSW

DATE: 7-25-96	INSTRUMENTATION USED				
TIME: 0930	MODEL	S/N	EFF.%	BKRD	CAL. DUE DATE
SURVEYOR: Jason Golliher Pat Manning	12	100466	10	40	12-7-96
LOCATION: 3192					
REVIEWED BY: Neal Wheatley					
Smear Locations Circled: Dose	Rates= ~~mR/hr~~				

PURPOSE OF SURVEY: Release of material from BID. 3192 as per the criteria established by the NRC Regulatory Guide 1.86

SMEAR RESULTS
RESULTS = DPM/100cm²
UNLESS NOTED

Misc. Wood	#	βγ	α
3 boxes of anti-C's			
Note: All smears taken were <100cpm/mass.lin			
		SEE	
		Attached	
		Sheet	

Remarks: Direct frisk of all material revealed nothing over background

SMEAR COUNTING ANALYSIS REPORT

JBC 11/18/96

DATE:	ATGS#:	ANALYSIS PERFORMED BY:
7-26-96	FRAR-~~013~~ 078	R. Trangas

COUNTING SYSTEM DATA

INSTRUMENT I.D. 126128	DETECTOR I.D. 133007
EFFICIENCIES: α .269 % βγ .243 %	MDA: α 6 Dpm βγ 141
PERFORMED BY: J. Gollitzer	
SAMPLE COUNT TIME: 1 Min	ACTIVITY REPORT IN: ☒ dpm ☐ μCi
α BACKGROUND: 0.1 cpm	βγ BACKGROUND: 54 cpm

SAMPLE I.D. OR DESCRIPTION	GROSS COUNTS α	GROSS COUNTS βγ	NET COUNTS α	NET COUNTS βγ	ACTIVITY α	ACTIVITY βγ
2 2X6 WOOD	~~0~~	57	-.1	3	<MDA	<MDA
PLYWOOD	~~0~~	51	-.1	-3		
PLYWOOD	~~0~~	45	-.1	-9		
PALLET	~~0~~	57	-.1	3		
2X6 WOOD	~~0~~	46	-.1	-8		
BOX ANTI C	~~0~~	49	-.1	-5		
BLANK	~~0~~	54	-.1	~~0~~	<MDA	<MDA

Remarks:

Reviewed By:	Date:
Neal Whitty	7-30-96

RADIOLOGICAL SURVEY REPORT

TGS #: FMR-079

DATE: 7-25-96	INSTRUMENTATION USED				
TIME: 1330	MODEL	S/N	EFF.%	BKRD	CAL. DUE DATE
SURVEYOR: Jason Golliher	12	100466	10	40	12-7-96
LOCATION: 3192					
REVIEWED BY: Neal Whaley					
Smear Locations Circled: Dose	Rates= ~~mR/hr~~				

PURPOSE OF SURVEY: Release of tools from BLD 3192 as to the criteria for release established by the NRC Regulatory Guide 1.86

SMEAR RESULTS
RESULTS = DPM/100cm²
UNLESS NOTED

	#	βγ	α
Hand tools + Power tools used in 3192			
Note: All smears taken were < 100 cpm / massilin			
		SEE	
		Attached	
		Sheet	

Remarks: Direct frisk of all tools revealed nothing over background

SMEAR COUNTING ANALYSIS REPORT

gBC 11/18/96

DATE:	ATGS#:	ANALYSIS PERFORMED BY:
7-26-96	FMR-~~04~~ 079 ~~078~~	R. Trangas

COUNTING SYSTEM DATA

INSTRUMENT I.D. 126128	DETECTOR I.D. 133007
EFFICIENCIES: α .267% βγ .243%	MDA: α 6 Dpm βγ 141
PERFORMED BY: J Golliher	
SAMPLE COUNT TIME: 1 Min	ACTIVITY REPORT IN: ☒ dpm ☐ μCi
α BACKGROUND: 0.1 cpm	βγ BACKGROUND: 54 cpm

SAMPLE I.D. OR DESCRIPTION	GROSS COUNTS α	GROSS COUNTS βγ	NET COUNTS α	NET COUNTS βγ	ACTIVITY α	ACTIVITY βγ
1 Sand / Polisher	~~0~~	50	-.1	-4	<MDA	<MDA
2 Low volume Pump	1	48	.9	-6		
3 Angle Grinder	~~0~~	52	-.1	-2		
4 Rotary Grinder	~~0~~	49	-.1	-5		
5 Hammer Drill	~~0~~	50	-.1	-4		
6 Cicular Saw	~~0~~	48	-.1	-6		
7 1 LB Hammer	~~0~~	55	-.1	1		
8 Crow Bar	~~0~~	44	-.1	-10		
9 Pointed Shovel	~~0~~	58	-.1	4		
10 Flat Shovel	~~0~~	48	-.1	-6		
Blank	~~0~~	54	-.1	~~0~~	<MDA	<MDA

Remarks:

Reviewed By: Neal White

Date: 7-29-96

RADIOLOGICAL SURVEY REPORT

ATGS #: FMR ~~016~~ 080 NSW

	INSTRUMENTATION USED				
DATE: 7-26-96					
TIME: 0930	MODEL	S/N	EFF.%	BKRD	CAL. DUE DATE
SURVEYOR: Jason Golliher	12	100466	10	40	12-7-96
LOCATION: 3192					
REVIEWED BY: Neal Williams					
Smear Locations Circled: Dose	Rates=	mR/hr			

PURPOSE OF SURVEY: Unconditional release of equipment from bld. 3192, as to the criteria for release by the NRC Regulatory Guide 1.86

SMEAR RESULTS
RESULTS = DPM/100cm²
UNLESS NOTED

	#	βγ	α
Scaffold boards from bld. 3192			
		SEE	
Note: All smears taken revealed <100cpm/mesilin		Attached	
		Sheet	

Remarks: Direct frisk revealed an average of 40 cpm above background

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SMEAR COUNTING ANALYSIS REPORT

JBC 11/13/96

DATE:	ATGS#:	ANALYSIS PERFORMED BY:
7-26-96	FMR-~~016~~ 080	R. Traugas

COUNTING SYSTEM DATA

INSTRUMENT I.D. 126128	DETECTOR I.D. 133007
EFFICIENCIES: α .267 % βγ .243 %	MDA: α 6 Dpm βγ 141
PERFORMED BY: J. Golliher	
SAMPLE COUNT TIME: 1 Min	ACTIVITY REPORT IN: ☒ dpm ☐ μCi
α BACKGROUND: 0.1 cpm	βγ BACKGROUND: 54 cpm

SAMPLE I.D. OR DESCRIPTION	GROSS COUNTS α	GROSS COUNTS βγ	NET COUNTS α	NET COUNTS βγ	ACTIVITY α	ACTIVITY βγ
1 Scaffold Board	~~0~~	49	-.1	-5	<MDA	<MDA
2 Scaffold Board	~~0~~	63	-.1	9	↓	↓
3 Scaffold Board	~~0~~	56	-.1	2	↓	↓
4 Scaffold Board	~~0~~	49	-.1	-5	↓	↓
5 Scaffold Board	~~0~~	62	-.1	8	↓	↓
BLANK	~~0~~	57	-.1	3	<MDA	<MDA

Remarks:

Reviewed By: [signature]

Date: 7-29-96

RADIOLOGICAL SURVEY REPORT

TGS #: FMR ~~017~~ 081 NSW

DATE: 7-29-96	INSTRUMENTATION USED				
TIME: 1400	MODEL	S/N	EFF.%	BKRD	CAL. DUE DATE
SURVEYOR: Jason Golliher Randy West	12	1004466	10	40	12-7-96
LOCATION: 3192 classroom			N/A		
REVIEWED BY: Neal Whitty			N/A		
Smear Locations Circled: Dose	Rates= ~~mR/hr~~				

PURPOSE OF SURVEY: To release material stored in classroom of 3192 per criteria of the NRC Regulatory guide 1.86

SMEAR RESULTS
RESULTS = DPM/100cm²
UNLESS NOTED

	#	βγ	α
Misc. Equip stored in classroom			
Note: All gross massilin taken is < 100cpm /massilin		SEE Attached Sheet	

Remarks: All direct frisks revealed less than 100 cpm over background

SMEAR COUNTING ANALYSIS REPORT

DATE:	ATGS#:	ANALYSIS PERFORMED BY:
7-30-96	FMR-~~077~~ 81	R. TRAVERAS

COUNTING SYSTEM DATA

INSTRUMENT I.D. 126128	DETECTOR I.D. 133007
EFFICIENCIES: α .263 % βγ .241 %	MDA: α 8 Dpm βγ 139 Dpm
PERFORMED BY: J Gollihar	
SAMPLE COUNT TIME: 1 MIN	ACTIVITY REPORT IN: ☒ dpm ☐ μCi
α BACKGROUND: 0.2 cpm	βγ BACKGROUND: 52 cpm

SAMPLE I.D. OR DESCRIPTION	GROSS COUNTS α	GROSS COUNTS βγ	NET COUNTS α	NET COUNTS βγ	ACTIVITY α	ACTIVITY βγ
Bldg 3192 Light Bulbs	~~0~~	53	-.2	1	<MDA	<MDA
Box Clips	~~0~~	55	-.2	3		
Tornado Filters	~~0~~	47	-.2	-5		
Drinking Fountain	~~0~~	48	-.2	-4		
6' Step Ladder	1	43	.8	-9		
BLANK	~~0~~	44	-.2	-8	<MDA	<MDA

Remarks:

Reviewed By: [signature] Date: 7-29-96

RADIOLOGICAL SURVEY REPORT

TGS #: FMR- ~~081~~ FCW 082

DATE: 7-31-96	INSTRUMENTATION USED				
TIME: 1100	MODEL	SERIAL #	EFF.%	BKGRD	CAL. DUE DATE
SURVEYOR: J. Golliher	12	100466	10	40	12-7-96
LOCATION: 3192			N/A		
REVIEWED BY: Neal Whitty			N/A		
Smear Locations Circled. Dose Rates = microR/hr (μR/hr)			N/A		

PURPOSE OF SURVEY: Exit on Air compressor used at Bld. 3192. As per criteria established by NRC Regulatory Guide 1.86

SMEAR RESULTS
RESULTS = DPM/100cm²
UNLESS NOTED

	#	βγ	α
Air compressor + hose used at 3192			
Note: All massi'lin indicate <100cpm/massi'lin		See Attached Sheet	

Remarks: Direct frisk revealed < 100 cpm above background.

SMEAR COUNTING ANALYSIS REPORT

DATE:	ATGS#:	ANALYSIS PERFORMED BY:
7-31-96	FMR ~~081~~ 082 FCW 7/31/96	K Corbett

COUNTING SYSTEM DATA

INSTRUMENT I.D. 126128	DETECTOR I.D. 133007
EFFICIENCIES: α .266 βγ .243	MDA: α 6 DPM βγ 140 DPM
PERFORMED BY: Jason Golliher	
SAMPLE COUNT TIME: 1 min.	ACTIVITY REPORT IN: ☑ dpm ☐ μCi
α BACKGROUND: 0.1 cpm	βγ BACKGROUND: 54 cpm

SAMPLE I.D. OR DESCRIPTION	GROSS COUNTS α	GROSS COUNTS βγ	NET COUNTS α	NET COUNTS βγ	ACTIVITY α	ACTIVITY βγ
Wheels-Right 1	0	56	-.1	2	<MDA	<MDA
Wheels-Left 2	1 ~~2~~	41	~~1.9~~ 0.9	-13		
Air Hose 3	1	62	0.9	8		
Left Side Compressor 4	0	48	-.1	-6		
Right Side Compressor 5	0	71		17		
Back Side Compressor 6	0	51		-3		
Front Side Compressor 7	0	52		-2		
Bottom Compressor 8	0	47		-7		
Blank	0	46		-8		

Remarks: Air Compressor

Reviewed By:	Date:
Neil Whitty	7-31-96

RADIOLOGICAL SURVEY REPORT

TGS #: FMR-083

DATE: 7-31-96	INSTRUMENTATION USED				
TIME: 1110	MODEL	SERIAL #	EFF.%	BKGRD	CAL. DUE DATE
SURVEYOR: J. WHATLEY / Richard A. Rupp	3	97992	10%	40cpm	12-7-96
LOCATION: FT. McCLELLAN			N		
REVIEWED BY: Ned Whatley					
Smear Locations Circled. Dose Rates = microR/hr (μR/hr)				A	

PURPOSE OF SURVEY: UNCONDITIONAL RELEASE OF THE FOLLOWING ITEMS AS PER THE RELEASE CRITERIA ESTABLISHED IN NRC REGULATORY GUIDE 1.86.

	SMEAR RESULTS RESULTS = DPM/100cm² UNLESS NOTED		
	#	βγ	α
UNCONDITIONAL RELEASE OF THE HANDS TOOLS AND			
OTHER ITEMS FROM BLDG. 3192.			
FAN	N		
SM. SLEDGE HAMMER			
LG. SLEDGE HAMMER		A	
AIR BLOWER			
3 SCREW DRIVERS			
STEEL PRY BAR			
2 LADDERS			
EXTENSION CORD			
HILTI BOX			
PILERS			
DIRECT ~~FRISK~~ FRISK ;KW SHOWED NO DETECTABLE			
COUNTS OVER BACKGROUND.			
Remarks:			

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RADIOLOGICAL SURVEY REPORT

TGS #: FMR-085

DATE: 7-31-96	INSTRUMENTATION USED				
TIME: 1515	MODEL	S/N	EFF.%	BKRD	CAL. DUE DATE
SURVEYOR: J Golliher	12	100466	10	40	12-7-96
LOCATION: 3192			N/A		
REVIEWED BY: Neil Whitty			N/A		
Smear Locations Circled; Dose	Rates= ~~mR/hr~~				

PURPOSE OF SURVEY: To release equipment used in BID. 3192. as per the criteria established by NRC Regulatory Guide 1.86

SMEAR RESULTS
RESULTS = DPM/100cm²
UNLESS NOTED

	#	βγ	α
Plywood			
Ladder			
Vaccuum			
Walkboard		See	
Misc. Equip used in 3192		Attached	
		Sheet	
Note: All massilins revealed <100cpm/massilin			

Remarks: Direct frisk revealed <100cpm above background

ALLIED TECHNOLOGY GROUP, INC. FORM ATGF-001

SMEAR COUNTING ANALYSIS REPORT

DATE:	ATGS#:	ANALYSIS PERFORMED BY:
7-31-96	FMR-085	K Corbett

COUNTING SYSTEM DATA

INSTRUMENT I.D. 126128	DETECTOR I.D. 133007
EFFICIENCIES: α .266 βγ .243	MDA: α 6 βγ 140
PERFORMED BY: JASON GOLLIHER	
SAMPLE COUNT TIME: 1 MIN	ACTIVITY REPORT IN: ☑ dpm ☐ μCi
α BACKGROUND: .1 cpm	βγ BACKGROUND: 54 cpm

SAMPLE I.D. OR DESCRIPTION	GROSS COUNTS α	GROSS COUNTS βγ	NET COUNTS α	NET COUNTS βγ	ACTIVITY α	ACTIVITY βγ
8' LADDER STEPS 1	0	58	-.1	4	<MDA	<MDA
8' LADDER 2	0	50		-4		
EXTENSION CORD 3	0	53		-1		
SCAFFOLD WALKBOARD 4	0	55		1		
PLYWOOD 5	0	52		-2		
PALLET 6	1	60	0.9	6		
FIRE EXT. 7	0	49	-.1	-5		
VACUUM 8	1	60	0.9	6		
BLANK 9	0	59	-.1	5		
			A			
		N				

Remarks: ITEMS (REMOVED) FROM BLDG 3192

Reviewed By:	Date:
Neal Whitty	7-31-96 ~~7-30-96~~