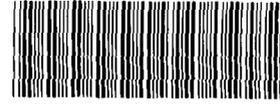


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# Reconnaissance Level Characterization Report for the T120A Trailer Removal Project

Rocky Mountain Remediation Services, L.L.C.

OCTOBER 1997

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**RECONNAISSANCE LEVEL CHARACTERIZATION REPORT  
FOR THE T120A TRAILER REMOVAL PROJECT**

**October 1997**

**This Reconnaissance Level Characterization Report has been reviewed and approved  
by:**

  
\_\_\_\_\_  
H L Atchison, Project Manager

12-23-97  
Date

**This Reconnaissance Level Characterization Report was  
prepared by:**

  
\_\_\_\_\_  
Kirk K Hilbelink, Project Scientist

12/23/97  
Date

**RECONNAISSANCE LEVEL CHARACTERIZATION REPORT  
FOR THE T120A TRAILER REMOVAL PROJECT**

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## ACRONYMS

AHERA	Asbestos Hazard Emergency Response Act
DOE	U S Department of Energy
DQO	Data Quality Objective
EPA	U S Environmental Protection Agency
IHSS	Individual Hazardous Substance Site
IWCP	Integrated Work Control Package
NESHAPS	National Emissions Standards for Hazardous Air Pollutants
OSHA	Occupational Safety and Health Administration
PLM	Polarized Light Microscopy
PAC	Potential Area of Contamination
PU&D	Property Utilization and Disposal
RFETS	Rocky Flats Environmental Technology Site
RFFO	Rocky Flats Field Office
RLCR	Reconnaissance Level Characterization Report
UBC	under-building contamination

## RECONNAISSANCE LEVEL CHARACTERIZATION REPORT FOR THE T120A TRAILER REMOVAL PROJECT

### 1.0 INTRODUCTION

The Department of Energy/Rocky Flats Field Office (DOE/RFFO) proposes to remove the west badging office Trailer 120A, at the Rocky Flats Environmental Technology Site (RFETS). Removal will support installation of the new Plant Security System Upgrade Project. The project requires the relocation of badging office operations to Building 060 and transfer of T120A to Property Utilization and Disposal (PU&D). The project will help RFETS management reduce operating costs and hazards.

Trailer 120A is comprised of a standard double-wide, prefabricated unit, located immediately west of the 120 Guard Post at the RFETS west entrance (Figure 1-1). T120A measures twenty (20) feet wide by sixty (60) feet in length and consists of two-10' x 60' modular sections. The trailer is constructed of materials similar to those used in mobile homes. The trailer is powered by the site's electrical power distribution system and maintains domestic water and sewer connections.

T120A was originally installed in 1991 to serve as a site badging office, and no hazardous wastes or materials were ever handled or used at this facility. Consequently, no Individual Hazardous Substance Sites (IHSSs), Potential Areas of Contamination (PAC), or Under Building Contamination (UBC) have been identified with respect to the removal of the T120A facilities.

Plan views of T120A are indicated in Attachment 7.1.

### 1.1 PURPOSE

The purpose of this Reconnaissance Level Characterization Report (RLCR) is to present all of the available data and process information related to operations at Trailer 120A, in an effort to characterize the subject facility. Characterization includes identification of the type, quantity, condition, and location of both confirmed and potential sources of radioactive and hazardous materials within the trailer, which was required as part of the *Reconnaissance Level Characterization Plan for the T120A Trailer Removal Project* (RMRS 1997, Attachment 7.2). The following facility information incorporates the T120A Trailer Removal Project files established during the reconnaissance characterization, including pertinent data from various sources. This report is to serve as a practical reference during removal operations.

This report will provide a baseline of information of the hazards within the T120A area. The baseline will aid the DOE/RFFO in determining the need for a Decommissioning Operations Plan as part of the decommissioning effort.

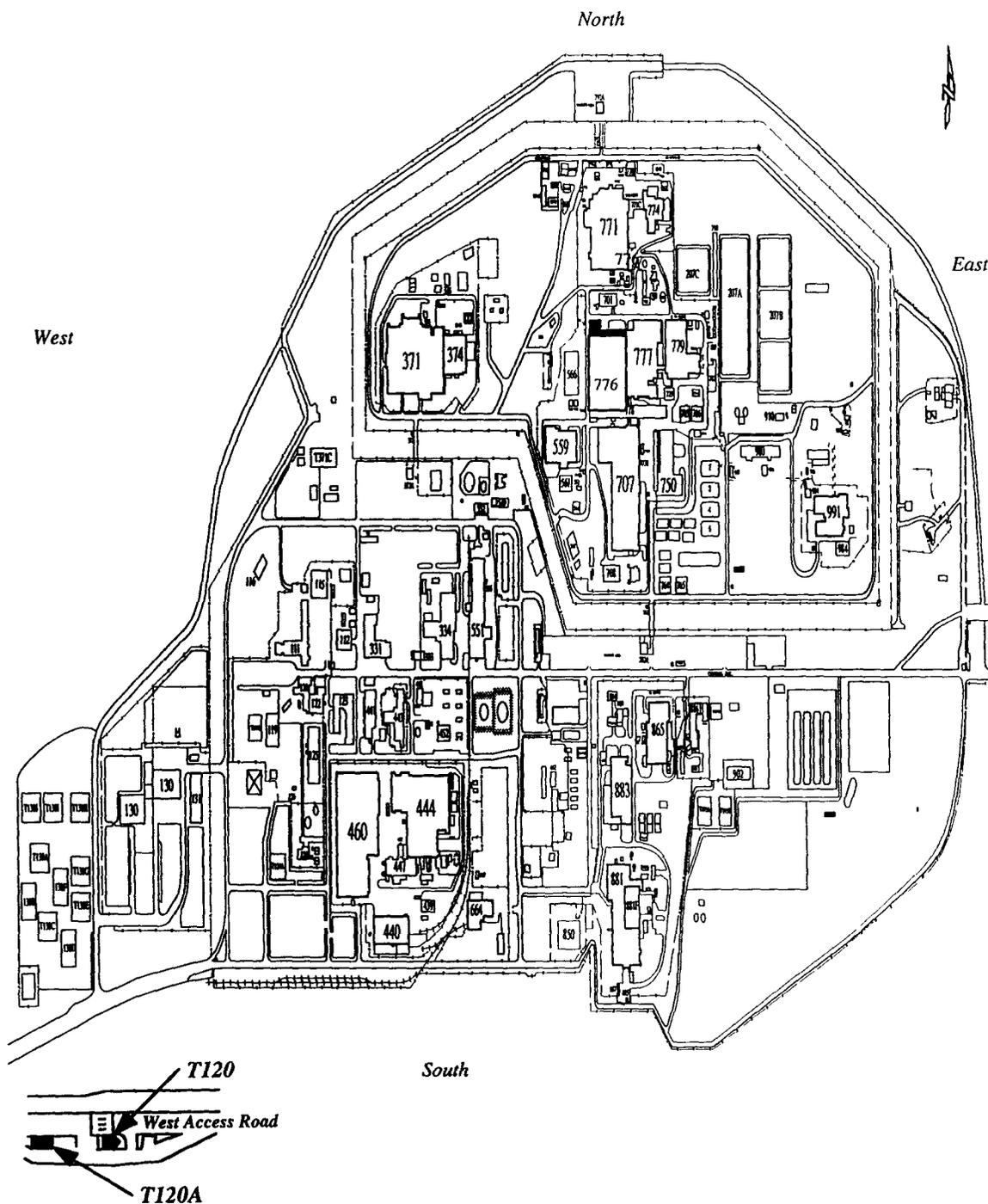
### 1.2 SCOPE

The information presented in this report is specific to the Trailer 120A. The report contains information obtained during historical document reviews, personnel interviews and characterization information generated in support of this document.

### 1.3 METHODOLOGY

As part of this investigation, comprehensive physical inspections of all accessible areas of Trailer 120A were conducted during September 1997. The primary purpose of these inspections were

FIGURE 1-1 SITE MAP



- to confirm the accuracy of file documentation of as-built or modified facility equipment installations and general facility conditions,
- obtain volume estimates for wastes that will be generated during removal activities,
- identify equipment, structures, process lines, and associated items that will require hazardous and/or radioactive surveys and analytical sampling to further characterize T120A,
- identify potential sources of lead and asbestos,
- identify potential chemical contamination, (chemical contamination would be identified by signs of staining or unusual smell), and
- identify physical hazards (tripping hazards, loose/missing handrails, etc )

#### 1 4 SUMMARY

After the project walkdown (see Section 1 3) the Data Quality Objective (DQO) process was used to determine the need to identify the type of contaminants to be sampled. The results of the DQO process is documented in Attachment 7 2. As a part of the reconnaissance examination, a comprehensive survey of historical records was undertaken to determine the location and character of any radioactive and hazardous contaminants present in the area. A compilation of relevant process knowledge and characterization information is presented in Section 3 0. The following is a summary of characterization information.

- No physical hazards were identified which would endanger the trailer occupants or construction workers
- No chemicals were identified as being stored in the trailers. No chemical residues or chemical smell was identified in the trailer
- No asbestos containing material was detected in the trailer, as indicated in Appendix B of Attachment 7 3, *Asbestos and Lead Characterization Report for the T120 Trailer* (RMRS 1997)
- Two paint samples were found to contain lead (Attachment 7 3)
- Total alpha activity above unrestricted release limits was detected in rooftop swipe samples (Table 3 3). The interior of the trailer was not surveyed, pending relocation of trailer occupants

## 2.0 ANALYTICAL TESTING

Specific rationale for sampling and analysis was presented in Attachment 7 2

### 2 1 WASTE MANAGEMENT

Materials from removal activities, including, masonry units, and lumber, will be generated as waste and characterized prior to disposition. Procedures are in place to insure that sampling and analysis of generated wastes will be in accordance with the U S Environmental Protection Agency (EPA) and State regulations. Hazardous and radioactive contaminant data is acquired, to

a level consistent with regulatory and procedural requirements, for wastes that will be generated. The requirements for characterization of hazardous waste is specified in several RFETS waste management procedures, based on requirements established primarily by 40 CFR 261 and 6 CCR 1007-3, 261. Waste materials demonstrating hazardous or radioactive characteristics are managed in accordance with the Low-Level or Hazardous Waste Requirements Manual.

## 2.2 INDUSTRIAL HYGIENE

The potential for exposure to hazardous or radioactive substances will be evaluated, prior to conducting the operation, according to Occupational Safety and Health Act (OSHA) and National Institute of Occupational Safety and Health (NIOSH) requirements. A Demolition Plan will be written by the subcontractor. This requirement is driven by OSHA 1926.62 for lead and driven by other sections of OSHA for other constituents. Data will be acquired for contaminants associated with equipment, building materials, residuals within construction areas, or other potential sources of hazardous exposure to the workers. Preliminary screening and sampling is required in decommissioning areas for materials which the workers may be exposed. The documentation will be included in the project files for Integrated Work Control Package (IWCP) closeout. Instructions for completing reconnaissance level radiological surveys and results have been included as Attachment 7.1. Trailer 120A will be decommissioned according to Engineering and Administrative Controls, Decontamination, or use of Personal Protective Equipment, as implemented under appropriate plans and procedures to meet OSHA requirements.

## 3.0 RECONNAISSANCE SURVEY RESULTS

### 3.1 ASBESTOS

In June 1997, in response to a request made by K-H Construction Management to K-H Safety and Industrial Hygiene, an asbestos characterization was performed by DynCorp of Colorado (DCI). The DCI survey was conducted in order to gather sufficient data on the building materials to comply with National Emissions Standards for Hazardous Air Pollution (NESHAPS) and Colorado Air Quality Control Regulation 8, *Emissions Standards for Asbestos*, for the demolition, renovation, or removal activities. As part of this reconnaissance level survey, Scientific Ecology Group, Colorado (SEG, CO) conducted a second investigation in September 1997. Samples were analyzed by polarized light microscopy (PLM) in compliance with guidelines established by EPA 40 CFR 763, Subpart F. The survey results from both events are included in Attachment 7.3. All sample results indicate that no asbestos was detected in any of the samples. All work was conducted in accordance with the Asbestos Hazard Emergency Response Act (AHERA).

### 3.2 LEAD

Two (2) bulk paint samples were collected in July 1997 and analyzed for lead utilizing Atomic Absorption Spectroscopy (EPA method SW846-3050A/7420). Analysis results indicate that the samples collected from stair surfaces contained low concentrations of lead. Bulk lead sample analyses results are included in Attachment 7.3.

### 3.3 RADIOLOGICAL SURVEYS

Specific instructions for Radiological Surveys for the trailers are provided with the results of the surveys as Attachment 7.3. Surveys were conducted along the outside walls of the trailer up to a height of eight (8) feet. A survey was also conducted on the roof of the trailer. Interior surfaces will be surveyed after occupants have been relocated and prior to trailer removal. Survey data is summarized in Table 3.3. The Radiological survey results in Table 3.3 for exterior

**TABLE 3 3 RADIOLOGICAL SURVEY DATA**

Item	# of Alpha/Beta Swipes	# of Direct Alpha/Beta Measurements	REMOV-ABLE Alpha dpm/100 cm <sup>2</sup>	REMOV-ABLE Beta dpm/100 cm <sup>2</sup>	TOTAL Alpha dpm/100 cm <sup>2</sup>	TOTAL Beta/Gamma dpm/100 cm <sup>2</sup>	Below Unrestricted Limits Release
Floor and Interior Walls	10 biased on floor 1 per component 2 exterior	10 biased on floor 1 per component 2 exterior	N/A <sup>a</sup>	N/A <sup>a</sup>	N/A <sup>a</sup>	N/A <sup>a</sup>	N/A <sup>a</sup>
Sink Drain	10 biased on floor 1 per component 2 exterior	10 biased on floor 1 per component 2 exterior	N/A <sup>a</sup>	N/A <sup>a</sup>	N/A <sup>a</sup>	N/A <sup>a</sup>	N/A <sup>a</sup>
Desk File Cabinets etc	10 biased on floor 1 per component 2 exterior	10 biased on floor 1 per component 2 exterior	N/A <sup>a</sup>	N/A <sup>a</sup>	N/A <sup>a</sup>	N/A <sup>a</sup>	N/A <sup>a</sup>
Trailer Exterior (walls roof)	10 biased on floor 1 per component 2 exterior	10 biased on floor 1 per component 2 exterior	<18	<205	72 210	<455	no c

<sup>a</sup> Areas will be surveyed prior to trailer removal

<sup>b</sup> Result indicates range of total alpha activities on rooftop All exterior wall activities were below the method detection limit

<sup>c</sup> Results will be reevaluated prior to trailer removal to determine if additional surveys are needed

**TABLE 3 4 SUMMARY OF CONTAMINATION VALUES FOR UNRESTRICTED RELEASE**

RADIONUCLIDE <sup>(1)</sup>	Average Total (Fixed + Removable) dpm/100 cm <sup>2</sup> (2), (3), (4)	Maximum Total (Fixed + Removable) dpm/100 cm <sup>2</sup> (2), (4), (5)	Removable dpm/100 cm <sup>2</sup> (2), (4), (6)
Transuranics, Ra-226, Ra-228, Th-230, Th-228, Pa-231, Ac-227, I-125, I-129	100	300	20
Th-Natural, Th-232, Sr-90, Ra-223, Ra-224, U-232, I-131, I-133	1000	3000	200
U-Natural, U-235, U-238, and associated decay products, alpha emitters	5000	15000	1000
Beta-gamma emitters (nuclides with decay modes other than alpha emission or spontaneous fission) except Sr-90 and others noted above <sup>(7)</sup>	5000	15000	1000

Notes

- (1) Where surface contamination by both alpha and beta-gamma emitting radionuclides exists, the limits established for alpha and beta-gamma emitting radionuclides should apply independently
- (2) As used in this table, disintegrations per minute (dpm) is defined as the rate of emission by radioactive material as determined by correcting the counts per minute measured by an appropriate detector for background, efficiency, and geometric factors associated with the instrumentation.
- (3) Measurements of average contamination should not be averaged over an area of more than 1 meter<sup>2</sup>. For objects with a total surface area of less than 1 meter<sup>2</sup>, the average should be derived for each object.
- (4) The average and maximum dose rates associated with surface contamination resulting from beta-gamma emitters should not exceed 0.2 mRad/hour and 1.0 mRad/hour, respectively at 1 cm.
- (5) The maximum contamination level applies to an area of not more than 100 cm<sup>2</sup>.
- (6) The amount of removable material per 100 cm<sup>2</sup> of surface area should be determined by wiping an area of that size with a dry filter of soft absorbent paper, applying moderate pressure, and measuring the amount of radioactive material on the wipe with an appropriate instrument of known efficiency. When removable contamination on objects of surface area less than 100 cm<sup>2</sup> is determined, the activity per unit area should be based on the actual area and the entire surface should be wiped. Except for transuranics and Ra-226, Ac-227, Th-228, Th-230, Pa-231, and alpha emitters, it is not necessary to use swiping techniques to measure removable contamination levels if direct scan surveys indicate the total residual surface contamination levels are within the limits for removable contamination.
- (7) This category of radionuclides includes mixed fission products including the Sr-90 which is present in them. It does not apply to Sr-90 which has been separated from the other fission products or mixtures where the Sr-90 has been enriched.

10

wall surfaces were compared to the "unrestricted release limits" in Table 3.4 and found to be below the listed values. However, elevated alpha activities ranging from 72 to 210 dpm/100 cm<sup>2</sup> were detected in the rooftop survey. Such activities indicate the presence of a naturally-occurring radionuclide. An evaluation of the results will be made prior to trailer removal to determine if additional sampling is required.

#### **4.0 DATA QUALITY ASSESSMENT**

All sampling data were reviewed and considered valid and thereby usable, according to sampling, analytical, and record keeping procedures. DQOs for the characterization have been satisfied, in accordance with the requirements outlined in Attachment 7.2.

#### **5.0 DECISIONS MADE**

Minimal wastes will be generated as a result of the removal of the Trailer 120A. Materials to be generated by the project have been characterized as sanitary wastes. The subcontractor will be responsible for the removal of all skirting material from the facility and determine if the material can be reused. Scrap metal removed from the trailer (i.e., excavated conduit) will be recycled to the greatest extent possible.

#### **6.0 REFERENCES**

DOE 1992, *Historical Release Report*

RMRS 1997, *Asbestos and Lead Sampling and Analysis Plan for the T120 Trailer*, September

RMRS 1997, *Reconnaissance Level Characterization Plan for the T120 Trailer Removal Project*, September

#### **7.0 ATTACHMENTS**

- 7.1 Trailer 120A Removal Project Characterization Radiological Instructions and Results
- 7.2 Reconnaissance Level Characterization Plan for the T120 Trailer Removal Project, September 1997
- 7.3 Asbestos and Lead Characterization Report for the T120 Trailer, September 1997

**ATTACHMENT 7 1**  
**Trailer 120A Removal Project**  
**Characterization Radiological Instructions and Results**

**Trailer 120A Removal Project  
Characterization Survey Radiological Instructions**

**Location/Room: T120A**

Item/Area Description <sup>1,2</sup>	# of Alpha/Beta Swipes <sup>2</sup>	# of Direct Alpha/Beta Measurements <sup>2</sup>	Scan Survey <sup>3</sup>	Special Instructions
Floor and Interior walls	A minimum of 1 measurement each 50 m <sup>2</sup> or 30, whichever is greater	A minimum of 1 measurement each 50 m <sup>2</sup> or 30, whichever is greater	10%	Obtain measurements on floor surface throughout the trailer
Sink Drain	A minimum of one measurement inside each sink	A minimum of one measurement inside each sink	N/A	Obtain measurements on accessible surfaces of sinks
Desk, File Cabinets, etc	A minimum of one measurement per component <sup>4</sup>	A minimum of one measurement per component <sup>4</sup>	N/A	Obtain measurements on accessible surfaces of components
Trailer Exterior (walls, roof, underneath)	A minimum of 1 measurement each 50 m <sup>2</sup> or 30, whichever is greater	A minimum of 1 measurement each 50 m <sup>2</sup> or 30, whichever is greater	10%	Obtain measurements on exterior surfaces

**Notes**

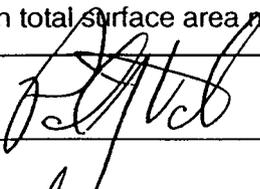
<sup>1</sup> See attached trailer layout

<sup>2</sup> Surveys to be performed in accordance with 4-K62-ROI-03 01, "Performance of Surface Contamination Surveys" Other radiological references 1-P73-HSP-18 10, "Radioactive Material Transfer and Unrestricted Release of Property and Waste", 4-S23-ROI-03 02, "Radiological Requirements for Unrestricted Release", and 4-N83-REP-1108, "Radioactive Material Management Area (RMMA) Determination"

<sup>3</sup> Perform an alpha/beta scan survey of the percentage of accessible surfaces, including fixed equipment, as listed

<sup>4</sup> Depending on total surface area, more contamination surveys may be needed

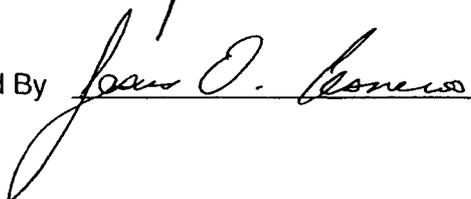
Prepared By



Date

9/16/97

Reviewed By



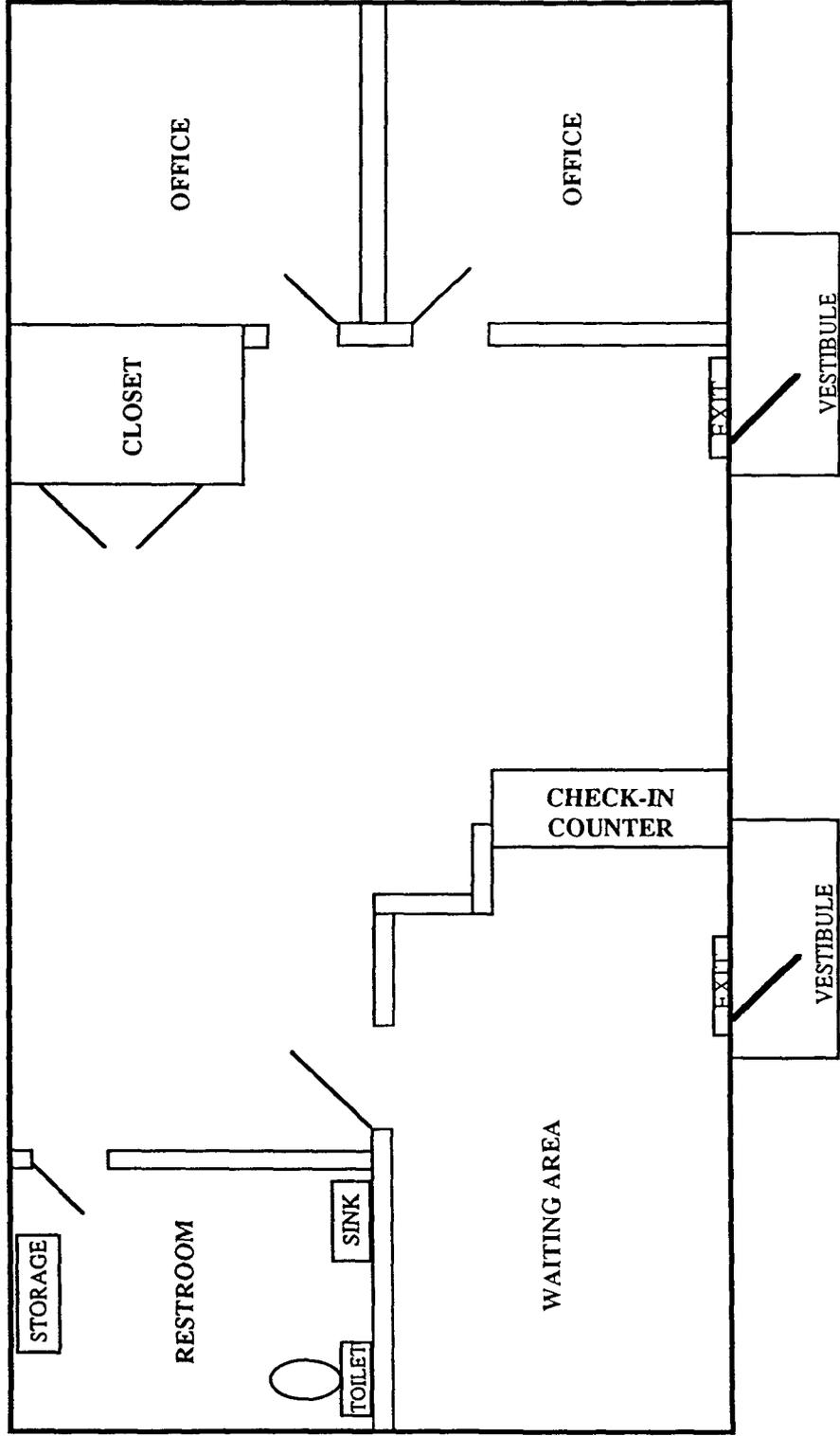
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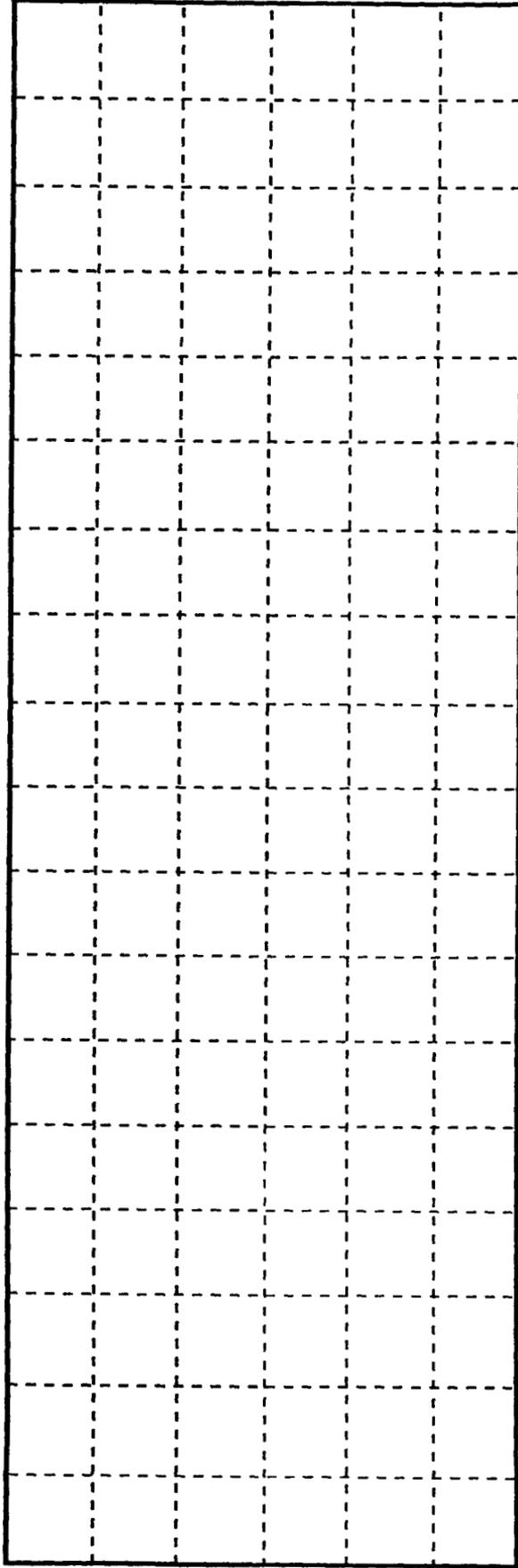
# T120A - FLOOR PLAN



OBJECTS IN TRAILER ARE NOT TO SCALE!

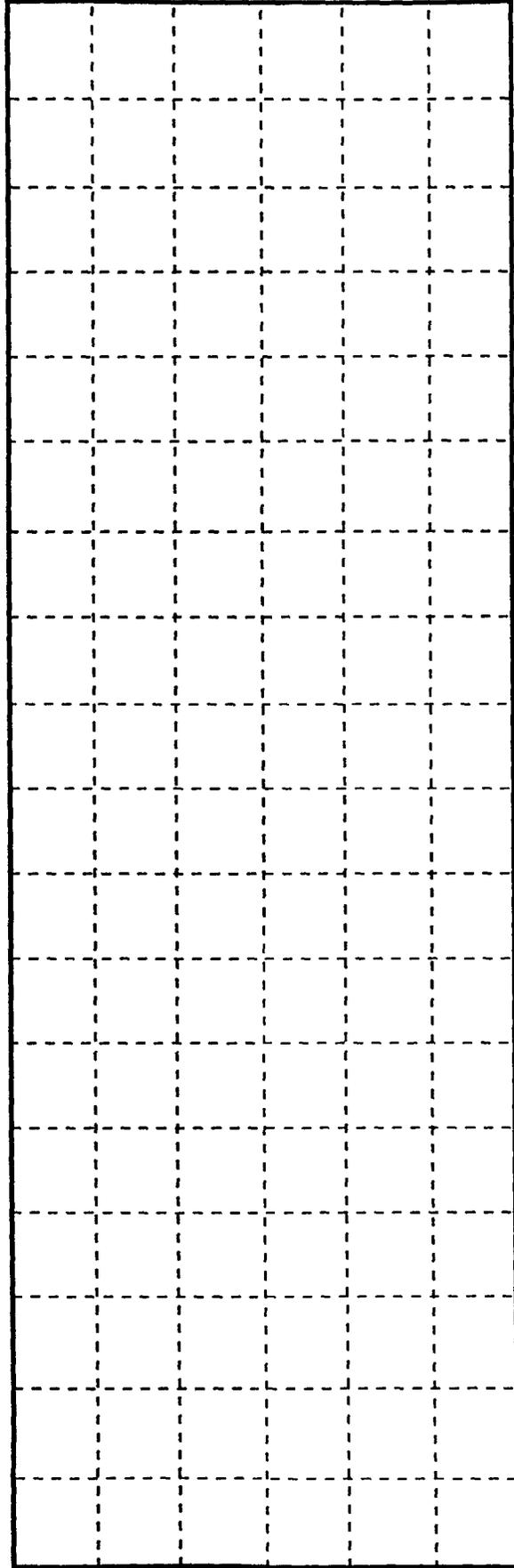
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T120 A - ROOF GRID



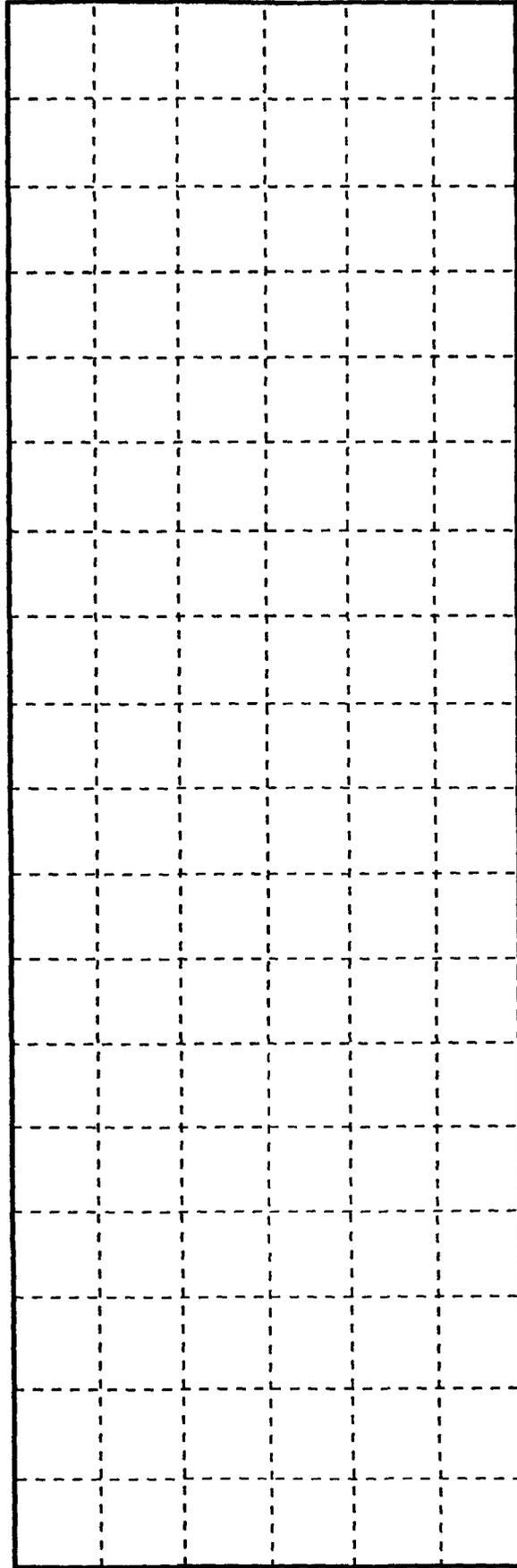
1/2" = 1 meter

**T120 A - NORTH EXTERIOR WALL GRID**



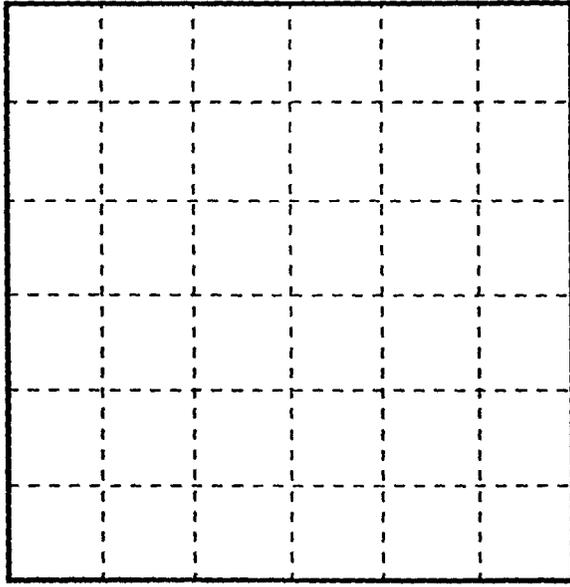
1/2" = 1 meter

**T120 A - SOUTH EXTERIOR WALL GRID**



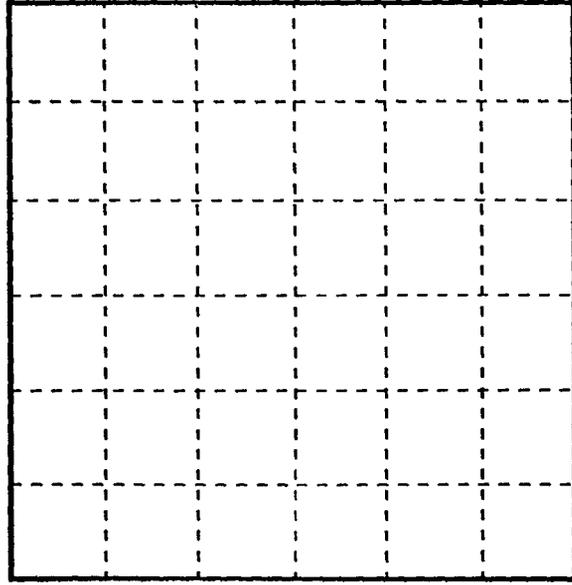
1/2" = 1 meter

**T120 A - EAST EXTERIOR WALL GRID**



1/2" = 1 meter

**T120 A - WEST EXTERIOR WALL GRID**



1/2" = 1 meter

# RADIOLOGICAL CONTAMINATION SURVEY FORM

PAGE 1 OF 4

LOG NUMBER:	
BLDG/LOCATION T120A	ROOM: Roof
DATE: 10-9-97 10-10-97	TIME: 13:00
ITEM DESCRIPTION: Survey of T120A Roof	
COMMENTS See Rad Rpt for Release	
STATUS: <input type="checkbox"/> RELEASABLE <input checked="" type="checkbox"/> NOT RELEASABLE <input type="checkbox"/> POSTED <input type="checkbox"/> NOT POSTED	
PERFORMED BY (PRINT NAME) <u>Sayers</u>	
<u>Sayers</u>	EMP.# [REDACTED] DATE 10-10-97

INSTRUMENT DATA

MFG. AE Tech MFG. \_\_\_\_\_  
 MODEL Eberline MODEL \_\_\_\_\_  
 SERIAL # 7498 SERIAL # \_\_\_\_\_  
 CAL DATE 6-10-97 CAL DATE \_\_\_\_\_  
 CAL DUE 2-10-97 CAL DUE \_\_\_\_\_  
 BKG 0.20/0.32 BKG \_\_\_\_\_

MFG. Eberline MFG. Eberline  
 MODEL 954 MODEL 954  
 SERIAL # 858 SERIAL # \_\_\_\_\_  
 CAL DATE 10-6-97 CAL DATE 12-97  
 CAL DUE 4-6-98 CAL DUE 3-12-98  
 BKG 0.5 BKG 0.4

MFG. Eberline MFG. Eberline  
 MODEL 804 MODEL 804  
 SERIAL # 912 SERIAL # 912  
 CAL DATE 9-22-97 CAL DATE 8-15-97  
 CAL DUE 3-22-98 CAL DUE 8-15-98  
 BKG 47 BKG 47

DATE REVIEWED 10-15-97

[Signature]

R.O. FOREMAN EMP#

# RADIOLOGICAL CONTAMINATION SURVEY FORM

SURVEY RESULTS (DPM/100 CM<sup>2</sup>)

SITE #	LOCATION/DESCRIPTION	REMOVABLE		TOTAL ALPHA (including removable)	TOTAL BETA/GAMMA
		ALPHA	BETA/GAMMA		
1		<18	<205	108	<455
2		<18	<205	108	<455
3		<18	<205	180	<455
4		<18	<205	72	<455
5		<18	<205	114	<455
6		<18	<205	108	<455
7		<18	<205	114	<455
8		<18	<205	96	<455
9		<18	<205	162	<455
10		<18	<205	72	<455
11		<18	<205	72	<455
12		<18	<205	108	<455
13		<18	<205	108	<455
14		<18	<205	108	<455
15		<18	<205	72	<455
16		<18	<205	72	<455
17		<18	<205	108	<455
18		<18	<205	108	<455
19		<18	<205	144	<455
20		<18	<205	136	<455
21		<18	<205	96	<455
22		<18	<205	108	<455

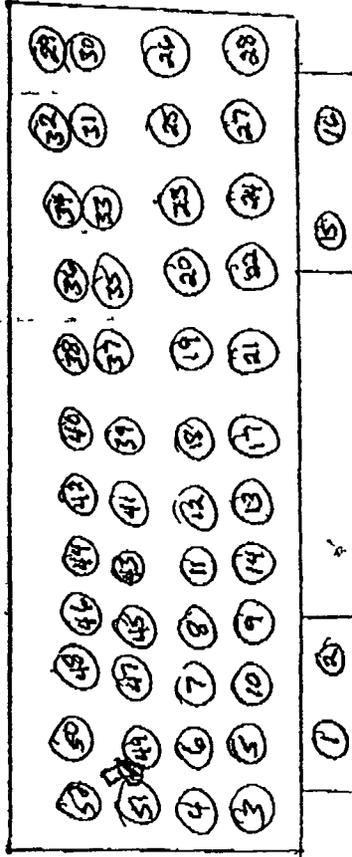
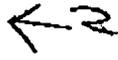
SURVEY RESULTS (DPM/100 CM<sup>2</sup>)

SITE #	LOCATION/DESCRIPTION	REMOVABLE		TOTAL ALPHA (including removable)	TOTAL BETA/GAMMA
		ALPHA	BETA/GAMMA		
23		<18	<205	114	<455
24		<18	<205	120	<455
25		<18	<205	126	<455
26		<18	<205	174	<455
27		<18	<205	126	<455
28		<18	<205	174	<455
29		<18	<205	210	<455
30		<18	<205	162	<455
31		<18	<205	150	<455
32		<18	<205	162	<455
33		<18	<205	198	<455
34		<18	<205	162	<455
35		<18	<205	126	<455
36		<18	<205	138	<455
37		<18	<205	120	<455
38		<18	<205	114	<455
39		<18	<205	168	<455
40		<18	<205	150	<455
41		<18	<205	96	<455
42		<18	<205	150	<455
43		<18	<205	156	<455
44		<18	<205	96	<455



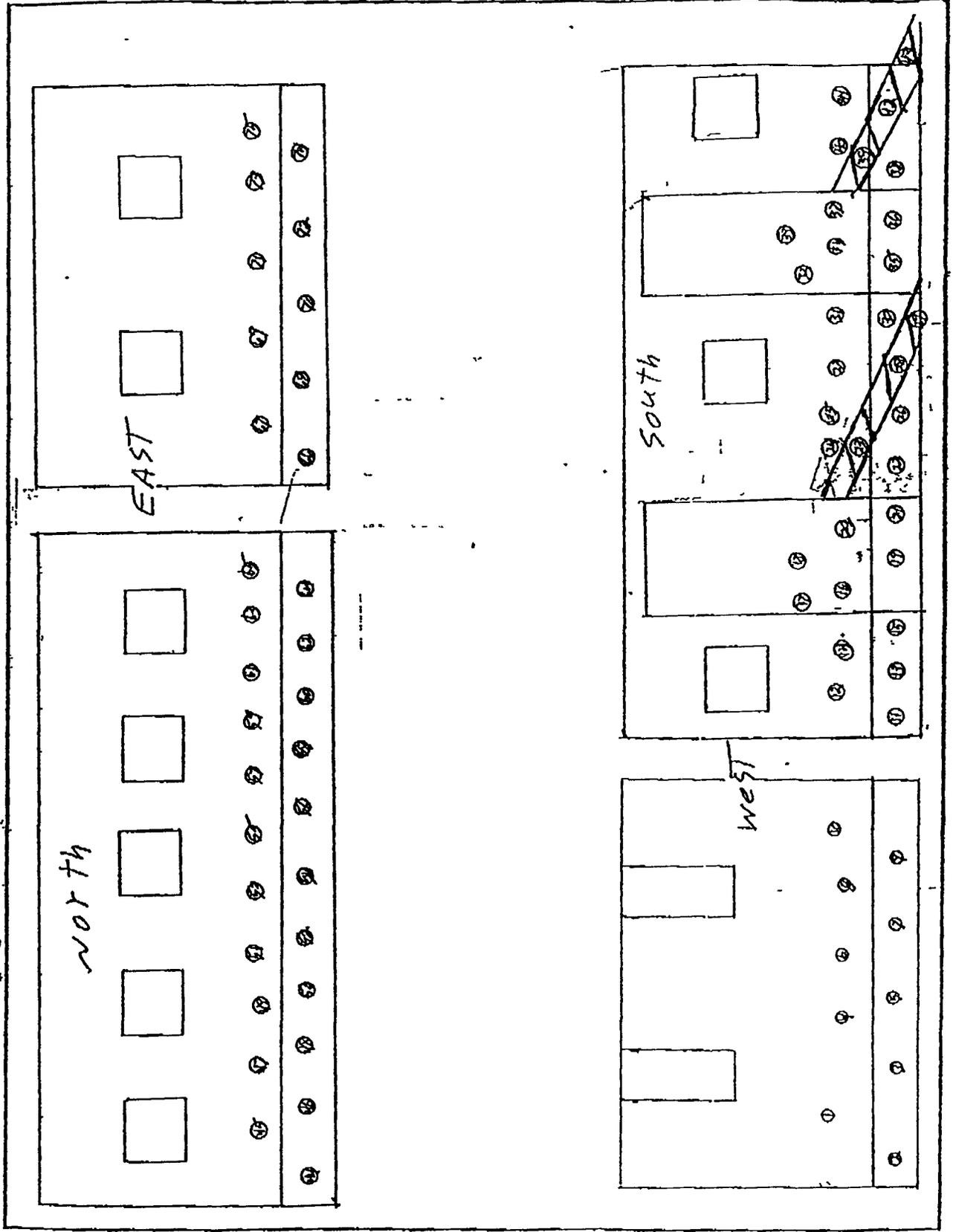
RADIOLOGICAL CONTAMINATION SURVEY FORM

Room T-120 A





RADIOLOGICAL CONTAMINATION SURVEY FORM



SURVEY RESULTS (DPM/100CM2)

SURVEY RESULTS (DPM/100CM2)

Swipe	Location/description	Removable		Total Alpha 60 sec count	Total Beta/Gamma	Swipe	Location/description	Removable		Total Alpha 60 sec count	Total Beta/Gamma
		Alpha	Beta/Gamma					Alpha	Beta/Gamma		
#1		<18	<205	<60	<455	#32		<18	<205	<60	<455
#2		<18	<205	<60	<455	#33		<18	<205	<60	<455
#3		<18	<205	<60	<455	#34		<18	<205	<60	<455
#4		<18	<205	<60	<455	#35		<18	<205	<60	<455
#5		<18	<205	<60	<455	#36		<18	<205	<60	<455
#6		<18	<205	<60	<455	#37		<18	<205	<60	<455
#7		<18	<205	<60	<455	#38		<18	<205	<60	<455
#8		<18	<205	<60	<455	#39		<18	<205	<60	<455
#9		<18	<205	<60	<455	#40		<18	<205	<60	<455
#10		<18	<205	<60	<455	#41		<18	<205	<60	<455
#11		<18	<205	<60	<455	#42		<18	<205	<60	<455
#12		<18	<205	<60	<455	#43		<18	<205	<60	<455
#13		<18	<205	<60	<455	#44		<18	<205	<60	<455
#14		<18	<205	<60	<455	#45		<18	<205	<60	<455
#15		<18	<205	<60	<455	#46		<18	<205	<60	<455
#16		<18	<205	<60	<455	#47		<18	<205	<60	<455
#17		<18	<205	<60	<455	#48		<18	<205	<60	<455
#18		<18	<205	<60	<455	#49		<18	<205	<60	<455
#19		<18	<205	<60	<455	#50		<18	<205	<60	<455
#20		<18	<205	<60	<455	#51		<18	<205	<60	<455
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#26		<18	<205	<60	<455	#57		<18	<205	<60	<455
#27		<18	<205	<60	<455	#58		<18	<205	<60	<455
#28		<18	<205	<60	<455	#59		<18	<205	<60	<455
#29		<18	<205	<60	<455	#60		<18	<205	<60	<455
#30		<18	<205	<60	<455	#61		<18	<205	<60	<455
#31		<18	<205	<60	<455	#62		<18	<205	<60	<455

SURVEY RESULTS (DPM/100CM2)				SURVEY RESULTS (DPM/100CM2)							
Swipe	Location/description	Removable		Total		Swipe	Location/description	Removable		Total	
		Alpha	Beta/ Gamma	Alpha 60 sec count	Beta/ Gamma			Alpha	Beta/ Gamma	Alpha 60 sec count	Beta/ Gamma
#63		<18	<205	<60	<455	#94					
#64		<18	<205	<60	<455	#95					
#65		<18	<205	<60	<455	#96					
#66		<18	<205	<60	<455	#97					
#67		<18	<205	<60	<455	#98					
#68		<18	<205	<60	<455	#99					
#69		<18	<205	<60	<455	#100					
#70		<18	<205	<60	<455	#101					
#71		<18	<205	<60	<455	#102					
#72		<18	<205	<60	<455	#103					
#73		<18	<205	<60	<455	#104					
#74		<18	<205	<60	<455	#105					
#75		<18	<205	<60	<455	#106					
#76						#107					
#77						#108					
#78						#109					
#79						#110					
#80						#111					
#81						#112					
#82						#113					
#83						#114					
#84						#115					
#85						#116					
#86						#117					
#87						#118					
#88						#119					
#89						#120					
#90						#121					
#91						#122					
#92						#123					
#93						#124					

*[Handwritten signature]*

**ATTACHMENT 7 2**

**Reconnaissance Level Characterization Plan for the T120 Trailer Removal Project**

**September 1997**

28/28