SAFENET

Environmental Services LLC

Training

Consulting

Field Services

Comprehensive Hazardous Material Survey

At:
WHITE SANDS MISSILE RANGE
BUILDING 21610
PREPARED FOR:
MS. ANN HOFFMAN
MR. GERRY ARVIZO
WHITE SANDS MISSILE RANGE
W SMR, NM

BY:
SAFENET ENVIRONMENTAL SERVICES, LLC
AUGUST 2 , 2002

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HAZARDOUS MATERIALS SURVEY
FOR BUILDING 21610
WHITE SANDS MISSILE RANGE

Submitted to:

U.S. Army
White Sands Missile Range
National Range Support Directorate
Engineering Division
White Sands Missile Range, New Mexico 88002

Submitted by:

SafeNet Environmental Services, LLC
3945-F Doniphan Park Circle
El Paso, Texas 79922

Hazardous Materials survey completed and prepared by:

Tim Jones
Date 08/02/02
Tim Jones, Certified Asbestos Inspector

Jose Sandoval
Date 08/02/02
Jose Sandoval, Certified Lead Inspector

Concurrences:

David Morales
Date 08/02/02
David Morales, General Manager

HAZARDOUS MATERIAL SURVEY
WHITE SANDS MISSILE RANGE BUILDING 21610

Executive Summary

SafeNet Environmental Services, LLC (SafeNet) conducted an Asbestos / Lead and Hazardous Materials Survey on July 12, 2002. Building 21610 is a single story structure built in 1947 with an area of approximately 6,440 ft^2. This building is of metal structure with interior gypsum partition walls and an attic for a storage area. It is currently unoccupied and scheduled for demolition. The possibility exists that asbestos and/or lead is contained in some of these building materials. The construction debris (waste stream) must also be analyzed for hazardous material content. The building was also visually and physically surveyed for the presence of the following five (5) groups of hazardous materials: mercury bulbs and thermostats, PCB ballasts, ozone depleting chemicals (ODC), smoke, fire detectors and exit lights containing radiological sources, and rodent occupation evidence.

The results of the hazardous materials survey for building 21610 are as follows:

Asbestos-Containing

- Floor tile and associated mastic (4 types)
- Ceiling and Wall Texture (several types)
- Door and Window Frame Caulking (interior and exterior)
- Black Roof Sealant
- .

Lead-

- Brown Paint – exterior door, door jamb, and door frame, interior door and baseboard
- Green Paint – I-beams in the attic
- Beige Paint – interior wall, ceiling in room 6, interior trash can

Mercury bulbs/thermostats

- 87 florescent light tubes were found throughout the building.
- 2 mercury thermostats found
  a. 1 in Room 14
  b. 1 in Room 5

PCBs

- 8 PCB ballasts identified

Ozone Depleting Chemicals

- 1 refrigerated water fountain was identified in the building.

Radiological Sources

- No smoke detectors or exit signs found.

Rodent occupation evidence

- Rodent droppings were identified throughout the ground level.

TCLP waste stream analysis

- Meets criteria for disposal as non-hazardous waste

Introduction and Scope

Building 21610 is a single story structure with an area of approximately 6,440 ft^2. It is constructed of metal with interior gypsum partition walls and a drop ceiling. This building is presently unoccupied and scheduled for demolition. Prior to demolition, the building must be surveyed for the presence of asbestos and components painted with lead based paint. Various hazardous materials may also be present within the building and must be identified.

National Emission Standard for Hazardous Air Pollutants (NESHAP) regulations require that an asbestos survey be conducted prior to demolition or renovation of any public or commercial building to ascertain the presence of any Asbestos Containing Building Materials (ACBM).

OSHA (29CFR1926.62) also indicates that where lead is present, worker exposure must be assumed or determined through personal exposure assessments. Therefore, the presence or absence of lead must be determined so that the contractor performing the demolition may know if measures must be taken into consideration when performing the work.

As a prelude to demolition, sample collection and analysis for the eight (8) RCRA metals must be performed to analyze the construction debris waste stream for hazardous material content. The affected area was also surveyed for the presence of the following five (5) groups of hazardous material items: mercury bulbs and thermostats, PCB ballasts, ozone depleting chemicals, smoke and fire detectors containing radiological sources, and rodent occupation evidence.

Sampling Plan

On July 12th, 2002, Mr. Tim Jones and Mr. Jose Sandoval, certified asbestos and lead building inspectors, performed a survey to determine the presence of asbestos, lead and the group of 5 hazardous material items.

During a walkthrough investigation samples of suspect asbestos building materials were identified and quantified. In accordance with EPA Regulation 40 CFR 763.86, bulk samples were obtained, then placed into a sealed, labeled plastic bag, listed on a chain of custody form with a unique identifying number for each sample, and sent to a NVLAP accredited laboratory for analysis by Polarized Light Microscopy, (PLM). The EPA-AHERA asbestos sampling protocol calls for a minimum of three samples (based on square footage) to be collected from each homogeneous area of each suspect surfacing building material, three from each suspect thermal system insulating material (TSI), and sufficient samples must be collected from each homogeneous area of miscellaneous building material to determine whether the material is ACBM. EPA states that asbestos in amounts greater than 1% is considered asbestos containing material; OSHA regulations pertain to any asbestos exposure to workers greater than the Permissible Exposure Limit (PEL) of .1 f/cc. All samples containing 2% or less and more than 1% asbestos were subsequently point counted. For the purposes of quality control (QC), 10% rounded up to the next

highest whole number, of all bulk samples were split into two separate samples and analyzed by two financially independent laboratories.

Mr. Jose Sandoval performed a lead paint survey to determine the presence of lead based paint within this building. Under the lead standards, all painted surfaces should be considered suspect. The search for the presence of lead was determined by using a NITON 701A X-Ray Fluorescent spectrum analyzer (XRF #XL-6776N50480). The threshold for paint to be considered lead containing on this project is $0.5mg/cm^2 \pm 0.1mg/cm^2$. This was established by utilizing the OSHA reference to "detectable levels" of lead in paint. The NITON Corporation states that the NITON 701A can detect lead at $0.5mg/cm^2 \pm 0.1mg/cm^2$. Building components painted the same color and with the same paint history were considered homogenous; usually at least three representative XRF readings were taken from each homogenous area.

As a prelude to demolition sample collection and TCLP (Toxicity Characteristic Leaching Procedure) analysis for the eight (8) RCRA (Resource Conservation and Recovery Act) metals must be performed to analyze the construction debris waste stream for hazardous material content. This procedure is based on the Toxicity Characteristic Rule published in the Federal Register (40 CFR 261.24) in 1990. Prior to disposing of in a landfill, waste must be characterized as hazardous or non-hazardous as to disposal of, in the proper landfill.

The affected area, as outlined in the original scope of work, was visually/physically surveyed for the presence of the following five (5) groups of hazardous material items: mercury bulbs and thermostats, PCB ballasts, ozone depleting chemicals, smoke detectors, fire detectors and exit lights containing radiological sources, and rodent occupation evidence.

This hazardous materials inspection/survey report is not warranted as being reliable or complete. The presence, location, and quantities of hazardous materials listed in this inspection report cannot be considered accurate. The presence, location, and quantities of hazardous building materials listed in this report are estimates only, based on a limited inspection of the specific items mentioned in this report. Contractors (including abatement, prime and subcontractors as applicable) shall field verify all measurements, quantities and locations prior to providing bidding or providing a proposal for this project.. If field conditions (presence, location, and quantities) vary from estimates provided herein, or if additional materials are discovered, additional allowances shall not be provided. The Contractors shall take into consideration both traditional and non-traditional construction, renovation and remodeling methods, that were previously used on White Sands Missile Range, whenever verifying the presence, location, and quantities of hazardous building materials.

Results and Findings

Asbestos:

Sample #	Material Description	Homogeneous Area Location	Results	Approx. Quantity
01/A	12" X 12" Floor Tile	Vending Machine Area, Rms 4a, 11, 7, 9, South End of Hallway	ND	~20,000 ft^2
01/B	Mastic	"	ND	
02/A	12" X 12" Floor Tile	"	ND	
02/B	Mastic	"	ND	
03/A	12" X 12" Floor Tile	"	ND	
03/B	Mastic	"	ND	
04/A	12" X 12" Floor Tile	"	ND	
04/B	Mastic	"	ND	

Sample #	Material Description	Homogeneous Area Location	Results	Approx. Quantity
05/A	12” X 12” Floor Tile	Vending Machine Area, Rms 4a, 11, 7, 9, South End of Hallway	ND	~20, 000 ft^2
05/B	Mastic	“	ND	
06/A	12” X 12” Floor Tile	“	ND	
06/B	Mastic	“	ND	
07/A	**12” X 12” Floor Tile**	**Hallway, Room 14**	**8% Chrysotile**	**~320 ft^2**
07/B	**Mastic**	**“**	**5% Chrysotile**	
08/A	**12” X 12” Floor Tile**	**“**	**8% Chrysotile**	
08/B	**Mastic**	**“**	**5% Chrysotile**	
09/A	**12” X 12” Floor Tile**	**“**	**8% Chrysotile**	
09/B	**Mastic**	**“**	**5% Chrysotile**	
10/A	12” X 12” Floor Tile	North End of Hallway,	ND	~10 ft^2
10/B	**Mastic**	**“**	**5% Chrysotile**	
11/A	12” X 12” Floor Tile	“	ND	
11/B	**Mastic**	**“**	**5% Chrysotile**	
12/A	12” X 12” Floor Tile	“	ND	
12/B	**Mastic**	**“**	**5% Chrysotile**	
13/A	12” X 12” Floor Tile	Rooms 1 & 2	ND	~800 ft^2
13/B	Mastic	“	ND	
14/A	12” X 12” Floor Tile	“	ND	
14/B	Mastic	“	ND	
15/A	12” X 12” Floor Tile	“	ND	
15/B	Mastic	“	ND	
16/A	**9” x 9” Floor Tile**	**Men’s RR**	**10% Chrysotile**	**~150 ft^2**
16/B	**Mastic**	**“**	**5% Chrysotile**	
17/A	**9” x 9” Floor Tile**	**“**	**10% Chrysotile**	
17/B	**Mastic**	**“**	**5% Chrysotile**	
18/A	**9” x 9” Floor Tile**	**“**	**10% Chrysotile**	
18/B	**Mastic**	**“**	**5% Chrysotile**	
19/A	**9” x 9” Floor Tile**	**“**	**10% Chrysotile**	**~150 ft^2**
19/B	**Mastic**	**“**	**5% Chrysotile**	
20/A	**9” x 9” Floor Tile**	**“**	**10% Chrysotile**	
20/B	**Mastic**	**“**	**5% Chrysotile**	
21/A	**9” x 9” Floor Tile**	**“**	**10% Chrysotile**	
21/B	**Mastic**	**“**	**5% Chrysotile**	
22/A	**9” x 9” Floor Tile**	**“**	**15% Chrysotile**	**~150 ft^2**
22/B	**Mastic**	**“**	**5% Chrysotile**	
23/A	**9” x 9” Floor Tile**	**“**	**15% Chrysotile**	
23/B	**Mastic**	**“**	**5% Chrysotile**	
24/A	**9” x 9” Floor Tile**	**“**	**15% Chrysotile**	
24/B	**Mastic**	**“**	**5% Chrysotile**	
25	Cove Base Mastic	Room 10	ND	~30 lf

Sample #	Material Description	Homogeneous Area Location	Results	Approx. Quantity
26	Cove Base Mastic	"	ND	
27	Cove Base Mastic	"	ND	
28/A	**Texture**	**Rooms 1 & 14**	**3% Chrysotile**	**~540 ft^2**
28/B	Wallboard	"	ND	
29/A	**Wall Texture**	**Rooms 1 & 14**	**3% Chrysotile**	
29/B	Wallboard	"	ND	
30/A	**Wall Texture**	**"**	**3% Chrysotile**	
30/B	Wallboard	"	ND	
31/A	Wall Texture	Rooms 14a, 4, 7, Conference Rm, N & S Ends of Hallway	ND	
31/B	Wallboard	"	ND	~1,080 ft^2
32/A	Wall Texture	"	ND	
32/B	Wallboard	"	ND	
33/A	Wall Texture	"	ND	
33/B	Wallboard	"	ND	
34/A	**Wall Texture**	**"**	**5% Chrysotile**	
34/B	Wallboard	"	ND	
35/A	**Wall Texture**	**"**	**5% Chrysotile**	
35/B	Wallboard	"	ND	
36/A	**Wall Texture**	**"**	**5% Chrysotile**	
36/B	Wallboard	"	ND	
37/A	**Wall Texture**	**"**	**5% Chrysotile**	
37/B	Wallboard	"	ND	
38/A	Wall Texture	Room 3, 5, 10a,	ND	~3,220 ft^2
38/B	Wallboard	"	ND	
39/A	Wall Texture	"	ND	
39/B	Wallboard	"	ND	
40/A	Wall Texture	"	ND	
40/B	Wallboard	"	ND	
41/A	Wall Texture	"	ND	
41/B	Wallboard	"	ND	
42/A	Wall Texture	Hallway,	ND	~9,600 ft^2
42/B	Wallboard	"	ND	
43/A	Wall Texture	"	ND	
43/B	Wallboard	"	ND	
44/A	Wall Texture	"	ND	
44/B	Wallboard	"	ND	
45	Interior Window Glazing	Rooms 14, 3, 5, 11, 8, 10a	ND	~3,600 lf
46	Interior Window Glazing	"	ND	

Sample #	Material Description	Homogeneous Area Location	Results	Approx. Quantity
47	Interior Window Glazing	“	ND	
48	Interior Window Glazing	“	ND	
49	Interior Window Glazing	“	ND	
50	Interior Window Glazing	“	ND	
51	**Window Frame Caulking**	**Rooms 2, 14, 5, 11, 9**	**3% Chrysotile**	**~2,600 lf**
52	Window Frame Caulking	“	ND	
53	Window Frame Caulking	“	ND	
54	Window Frame Caulking	“	ND	
55	Window Frame Caulking	“	ND	
56	Door Frame Caulking	South Exit Door – Interior	ND	~21 lf
57	Door Frame Caulking	North Exit Door – Interior	ND	
58	**Door Frame Caulking**	North Exit Door – Interior	**3% Chrysotile**	
59	Door Frame Caulking	North Exit Door – Exterior	ND	~50 lf
60	**Door Frame Caulking**	South Exit Door – Exterior	**5% Chrysotile**	
61	**Door Frame Caulking**	South Exit Door – Exterior	**5% Chrysotile**	
62	Door Frame Caulking	Exterior Window Frame Caulking	ND	~30 lf
63	Door Frame Caulking	“	ND	
64	Door Frame Caulking	“	ND	
65	Door Frame Caulking	“	ND	
66	Door Frame Caulking	“	ND	
67	Door Frame Caulking	“	ND	
68	Exterior Window Glazing	Exterior Windows	ND	~3,600 lf
69	Exterior Window Glazing	“	ND	
70	Exterior Window Glazing	“	ND	
71	Exterior Window Glazing	“”	ND	
72	Exterior Window Glazing	“	ND	
73	Exterior Window Glazing	“	ND	
74	**Black Roof Sealant**	**Roof Penetrations**	**5% Chrysotile**	**~48 ft^2**
75	**Black Roof Sealant**	**“**	**5% Chrysotile**	
76	**Black Roof Sealant**	**“**	**5% Chrysotile**	
77	A/C Duct Caulking	Throughout Attic	ND	~15 lf
78	A/C Duct Caulking	“	ND	
79	A/C Duct Caulking	“	ND	
80	Flex Connector	“	ND	~24 ft^2
81	Flex Connector	“	ND	
82	Flex Connector	“	ND	

Sample #	Material Description	Homogeneous Area Location	Results	Approx. Quantity
83	Exterior Metal Panel Caulking	Exterior Walls	ND	~20 lf
84	Exterior Metal Panel Caulking	"	ND	
85	Exterior Metal Panel Caulking	"	ND	
86	Exterior Metal Panel Caulking	"	ND	
87	Exterior Roof Caulking	Roof	ND	10,000 ft^2
88	Exterior Roof Caulking	"	ND	
89	Exterior Roof Caulking	"	ND	
90/A	**Wall Texture**	**Attic**	**5% Chrysotile**	**720 ft^2**
90/B	Wallboard	"	ND	
91/A	Wall Texture	"	NA	
91/B	Wallboard	"	ND	
92/A	Wall Texture	"	NA	
92/B	Wallboard	"	ND	
93	Wallboard	"	ND	~720 ft^2
94	Wallboard	"	ND	
95	Wallboard	"	ND	
96/A	**Wall Texture**	**Mechanical Room**	**5% Chrysotile**	**~500 ft^2**
96/B	Wallboard	"	ND	
97/A	**Wall Texture**	**"**	**5% Chrysotile**	
97/B	Wallboard	"	ND	
98/A	**Wall Texture**	**"**	**5% Chrysotile**	
98/B	Wallboard	"	ND	
99/A	**Wall Texture**	**"**	**5% Chrysotile**	**~150 ft^2**
99/B	Wallboard	"	ND	
100/A	**Wall Texture**	**"**	**5% Chrysotile**	
100/B	Wallboard	Mechanical Room	ND	
101/A	**Wall Texture**	**"**	**5% Chrysotile**	
101/B	Wallboard	"	ND	
102/A	**Wall Texture**	**Room 14**	**5% Chrysotile**	**~1,080 ft^2**
102/B	Wallboard	"	ND	
103/A	**Wall Texture**	**"**	**5% Chrysotile**	
103/B	Wallboard	"	ND	
104/A	**Wall Texture**	**"**	**5% Chrysotile**	
104/B	Wallboard	"	ND	
105	2' x 4', Acoustical Ceiling Panel	Throughout Interior	ND	~9,000 ft^2
106	2' x 4', Acoustical Ceiling Panel	"	ND	
107	2' x 4', Acoustical Ceiling Panel	"	ND	

Sample #	Material Description	Homogeneous Area Location	Results	Approx. Quantity
108/A	**Ceiling Texture**	**Hallway, Men's RR, Women's RR, Conference Rm, Rms 3, 5, 7**	**5% Chrysotile**	**~2,880 ft^2**
108/B	Wallboard	"	ND	
109/A	**Ceiling Texture**	**"**	**5% Chrysotile**	
109/B	Wallboard	"	ND	
110/A	**Ceiling Texture**	**"**	**5% Chrysotile**	
110/B	Wallboard	"	ND	
111/A	**Ceiling Texture**	**"**	**5% Chrysotile**	
111/B	Wallboard	"	ND	
112/A	**Ceiling Texture**	**"**	**5% Chrysotile**	
112/B	Wallboard	"	ND	
113/A	**Wall Texture**	**Hallway, Men's RR, Women's RR, Conference Rm, Rms 3, 5, 7**	**5% Chrysotile**	**~2,880 ft^2**
113/B	Wallboard	"	ND	
114/A	**Wall Texture**	**"**	**5% Chrysotile**	
114/B	Wallboard	"	ND	
115/A	**Wall Texture**	**"**	**5% Chrysotile**	
115/B	Wallboard	"	ND	
116/A	**Wall Texture**	**"**	**5% Chrysotile**	
116/B	Wallboard	"	ND	
117/A	**Wall Texture**	**"**	**3% Chrysotile**	
117/B	Wallboard	"	ND	
118/A	**Wall Texture**	**"**	**3% Chrysotile**	
118/B	Wallboard	"	ND	
119	Filler Insulation	Attic	ND	~50 ft^2
120	Filler Insulation	"	ND	
121	Filler Insulation	"	ND	

ACBM Laboratory results and drawings are located in **Appendix A**.

Lead:

Walls, ceilings, door components, window components, representative of all painted surfaces were tested in Building 21610. The lead based paint analysis with the XRF Spectrum Analyzer indicates that lead paint was detected on the following; exterior and interior door, exterior door jamb, and door frame, exterior window guards, interior baseboard (brown paint), I-beams in the attic (green paint), interior wall, ceiling in room 6, and interior trash can (beige paint). Homogeneous areas were found to carry through the building.

The presence of lead in this report is based upon a detection level of 0.5 $mg/cm^2 \pm 0.1 mg/cm^2$

Spectrum analyzer results and drawings are located in **Appendix B**.

Other Hazardous Materials:

The TCLP (Toxicity Characteristic Leaching Procedure) analysis for the eight (8) RCRA (Resource Conservation and Recovery Act) metals waste stream construction debris analysis indicates that the construction debris may be disposed of as non hazardous waste.

TCLP analysis breakdown of the construction waste stream is located in **Appendix C**.

The affected area was surveyed for the presence of the following five (5) groups of items: mercury bulbs and thermostats, PCB ballasts, ozone depleting chemicals (ODC), smoke and fire detectors (Radiological Sources), and rodent occupation evidence. The results of those findings are as follows:

- **Mercury bulbs/thermostats-** 87 florescent light bulbs and 2 mercury thermostats were found.

- **Ozone Depleting Chemicals-** 1 refrigerated water fountain was located in the building.

- **PCB's-** 8 PCB ballasts were found throughout the attic of the building.

- **Radiological Sources-** no smoke detectors or exit signs with radiological sources was found.

- **Rodent occupation evidence**- Rodent droppings were identified in the affected areas.

Discussion

Laboratory analysis indicates that asbestos was detected on the following; floor tile and mastic throughout hallway, room 14, and the men's restroom; wall and ceiling texture throughout rooms 1, 3, 4, 5, 7, 14, conference room, mechanical room, men and women's restrooms, attic, and hallway; door and window frame caulking (interior & exterior); and black roof sealant. If Asbestos Containing Building Materials (ACBM) are to be disturbed, the procedures outlined in 29CFR Part 1926.1101 (OSHA regulations pertaining to worker protection) and 40 CFR Part 61 regulations (pertaining to visible emissions and notifications) must be followed.

The lead based paint analysis with the XRF Spectrum Analyzer indicates that lead paint was detected on the exterior and interior doors, exterior door jamb and door frame, exterior window guards, interior baseboard (brown paint); I-beams in the attic (green paint); interior walls, ceiling in room 6, and an interior trash can (beige paint). The workers involved in the renovation and disturbance of components containing lead must be trained, utilizing the methods of compliance prescribed by 29 CFR 1926.62 for removal and disposal.

The Hazardous Materials survey indicates that rodent droppings were identified in the facility. Therefore, special WSMR precautions must be followed to prevent hanta-virus contamination.

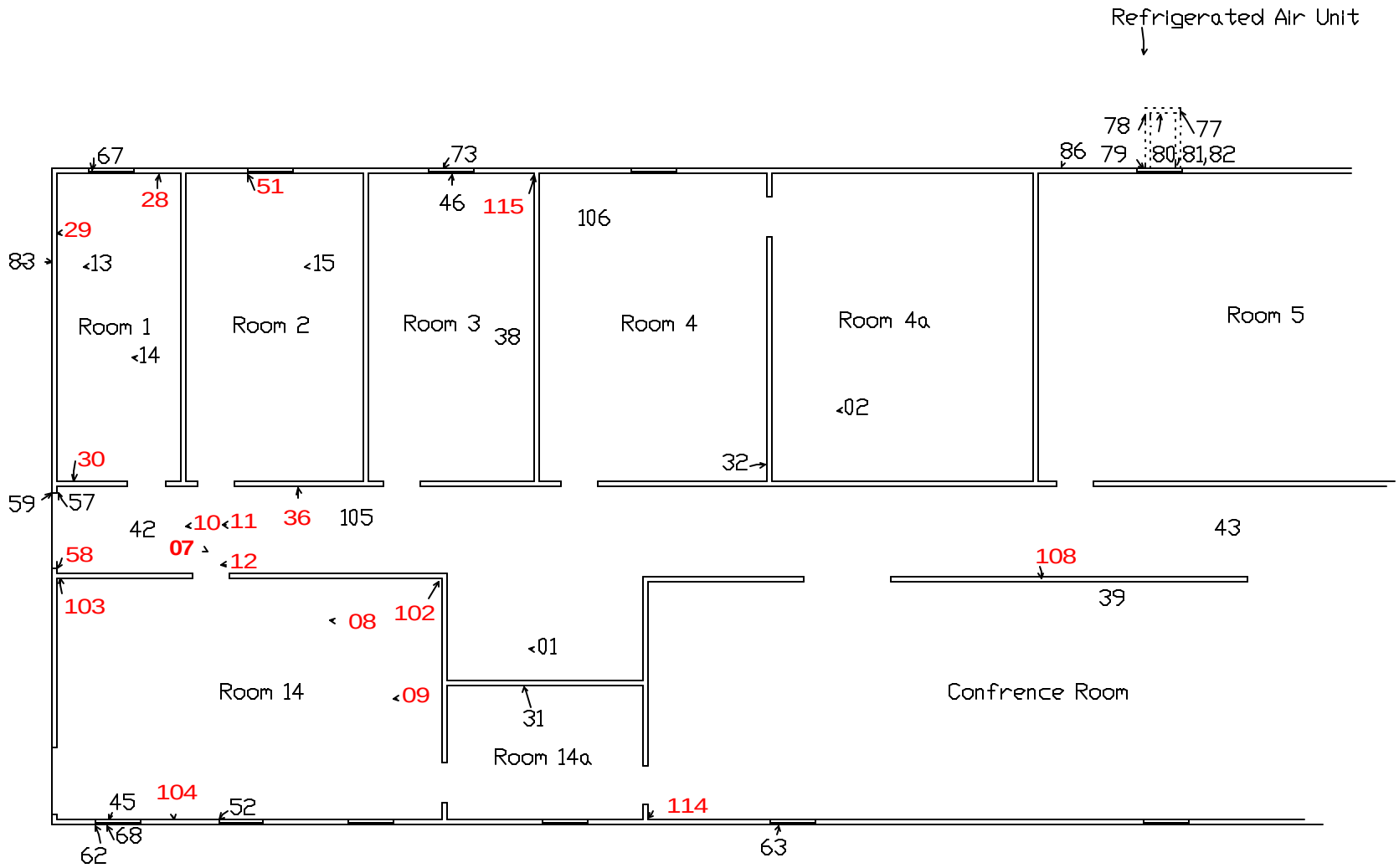
The TCLP analysis of the eight (8) RCRA metals of the waste stream indicate that the general construction debris may be disposed as non hazardous waste.

Sincerely,

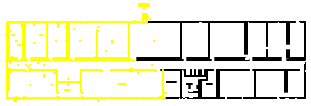
Tim Jones

Tim Jones
SafeNet Environmental Services, LLC
cc: file

Appendix A



= Positive Asbestos Locations



SafeNet
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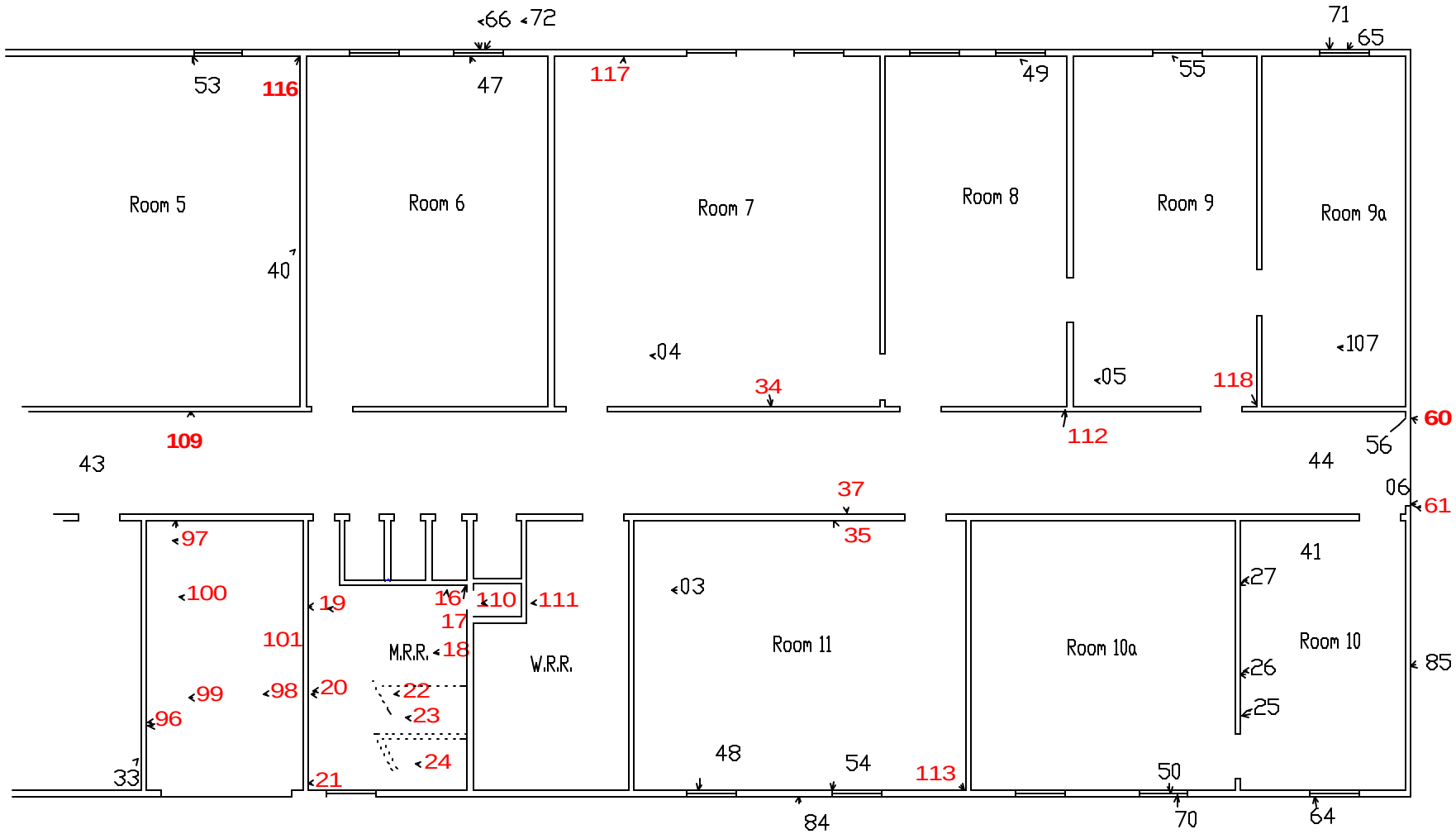
Asbestos Sample Locations
bldg 21610-1st Floor North End
WSMR, NM

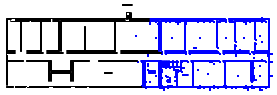
NORTH

SafeNet Environmental Services, LLC
3945-F Doniphan Park Circle
El Paso, TX 79922
(915) 587-6900

Consultant	Inspector:	
H T Jones	Tim Jones	
August 2, 2002	Rev Date:	Scale: NONE



= Positive asbestos locations



SafeNet
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Asbestos Sample Locations
Bldg 21610- 1st Floor South End
WSMR, NM

NORTH

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3945-F Doniphan Park Circle
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Consultant	Inspector:	
H T Jones	Tim Jones	
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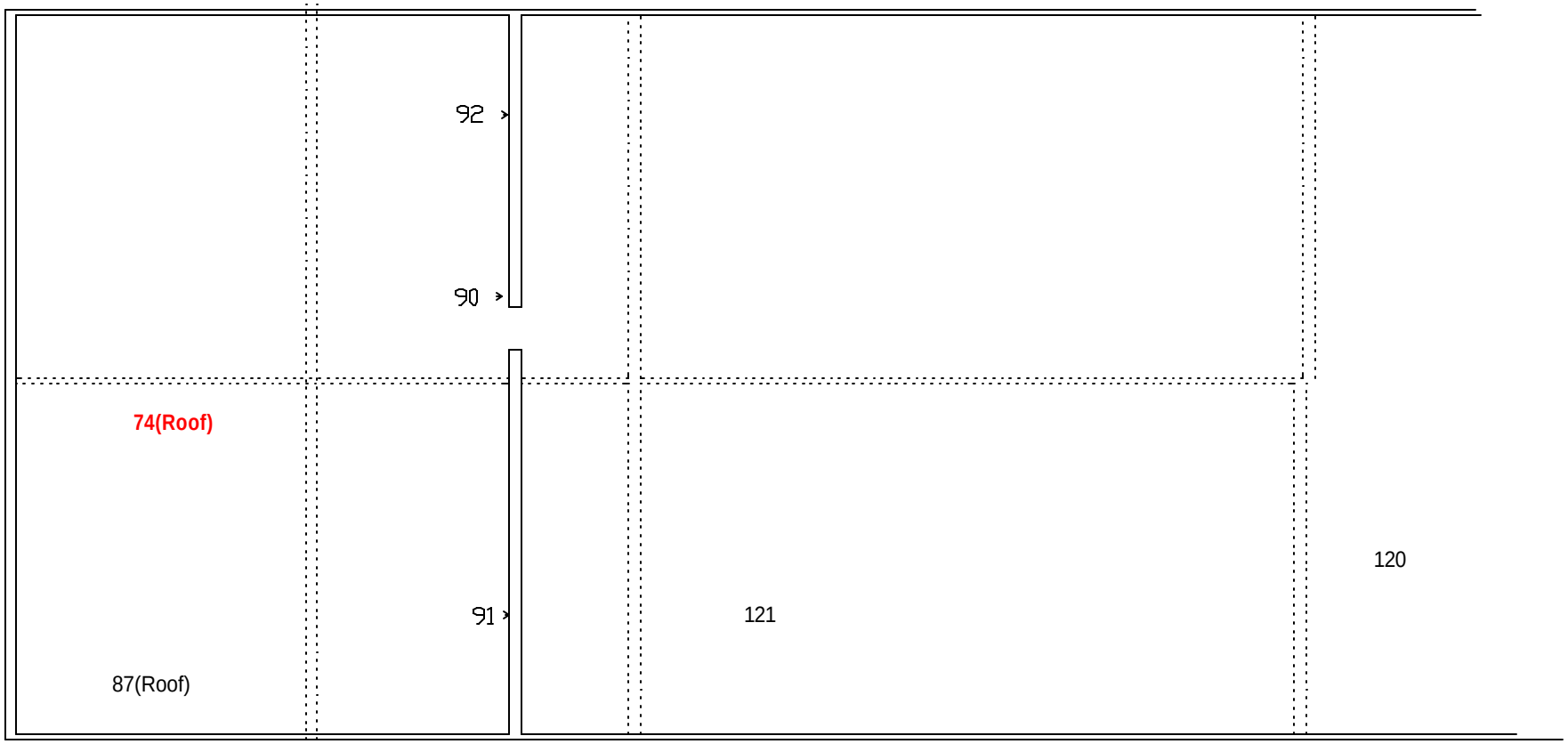
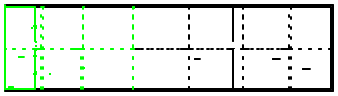


= Positive Asbestos Locations



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Asbestos Sample Locations
bldg 21610-Attic, North End
WSMR, NM

NORTH

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Consultant	Inspector:	
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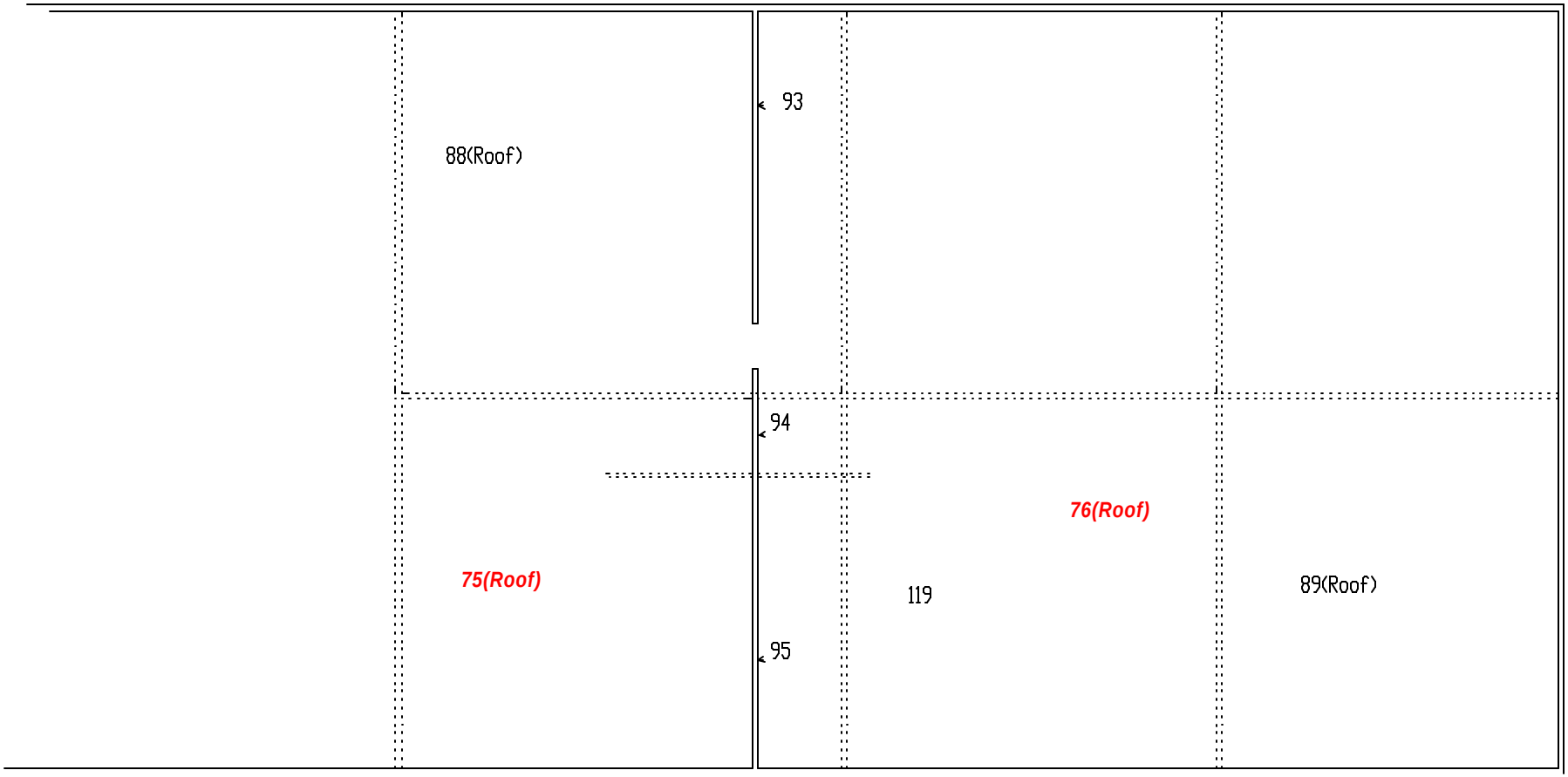
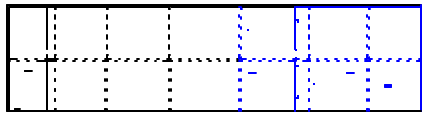


= Positive Asbestos Locations



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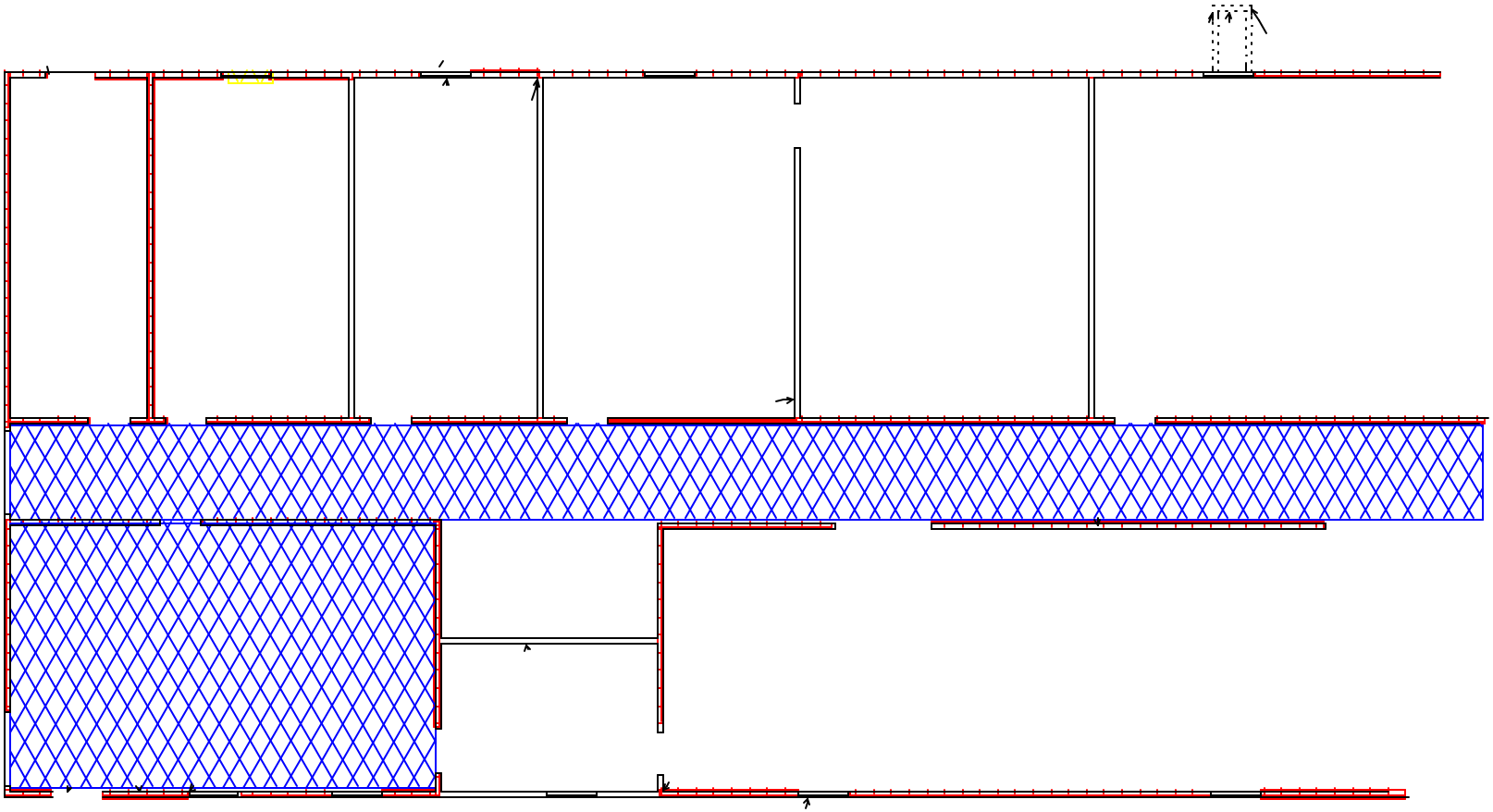
El Paso, Texas 79922
(915) 587-6900

Asbestos Sample Locations
bldg 21610-Attic, South End
W.S.M.R., N.M.

NORTH

SafeNet Environmental Services, LLC
3945-F Doniphan Park Circle
El Paso, TX 79922
(915) 587-6900

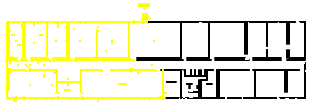
Consultant	Inspector:	
H T Jones	Tim Jones	
August 2, 2002	Rev Date:	Scale: NONE



= Positive texturing compound

=Positive floor tile mastic

=Positive window caulking



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El Paso, Texas 79922
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Asbestos Homogeneous Locations
bldg 21610-North End
WSMR, NM

NORTH

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El Paso, TX 79922
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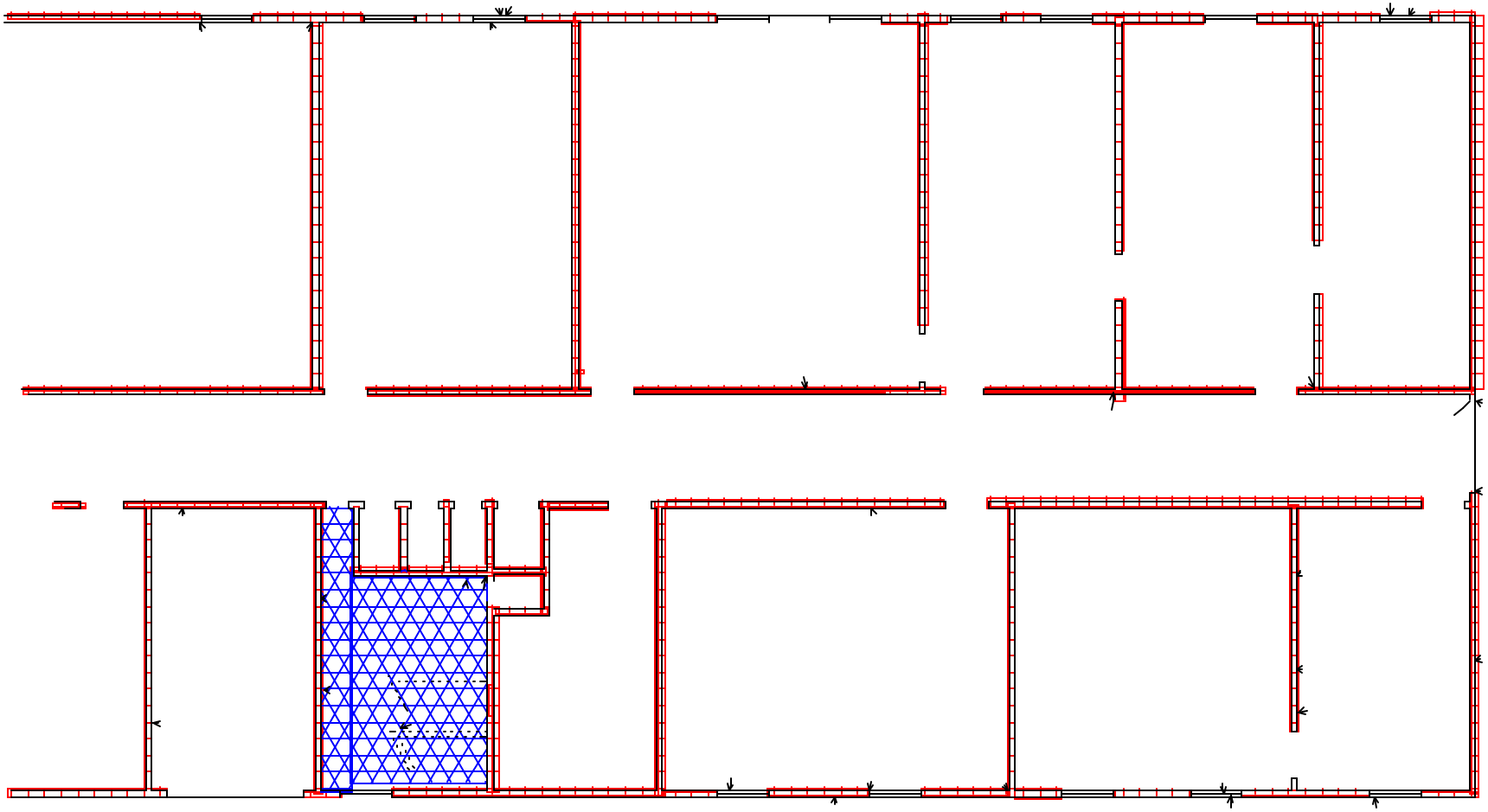
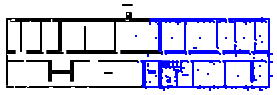
Consultant	Inspector:	
H T Jones	Tim Jones	
August 2, 2002	Rev Date:	Scale: NONE



= Positive texturing compound

= 9*9 Floor tile and mastic



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Asbestos Homogeneous Locations
bldg 21610- 1st Floor South End
WSMR, NM

NORTH

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El Paso, TX 79922
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Consultant	Inspector:	
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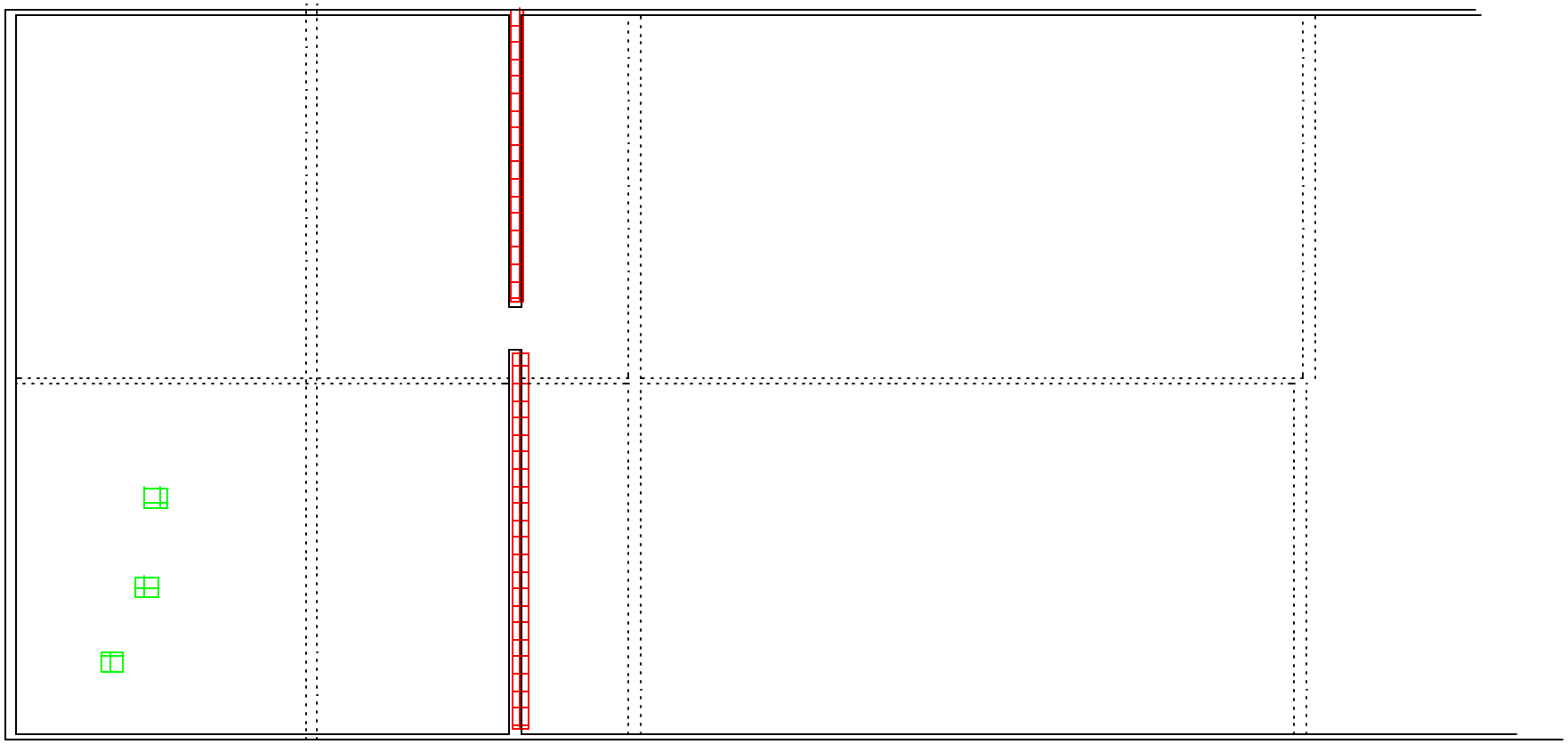
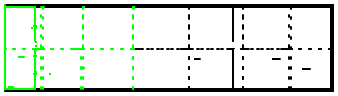
August 2, 2002	Rev Date:	Scale: NONE



= Positive terturing compound Locations

=Roof penetration(s)



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Asbestos Homogeneous Locations
bldg 21610-North End, Attic
WSMR, NM

NORTH

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Consultant	Inspector:	
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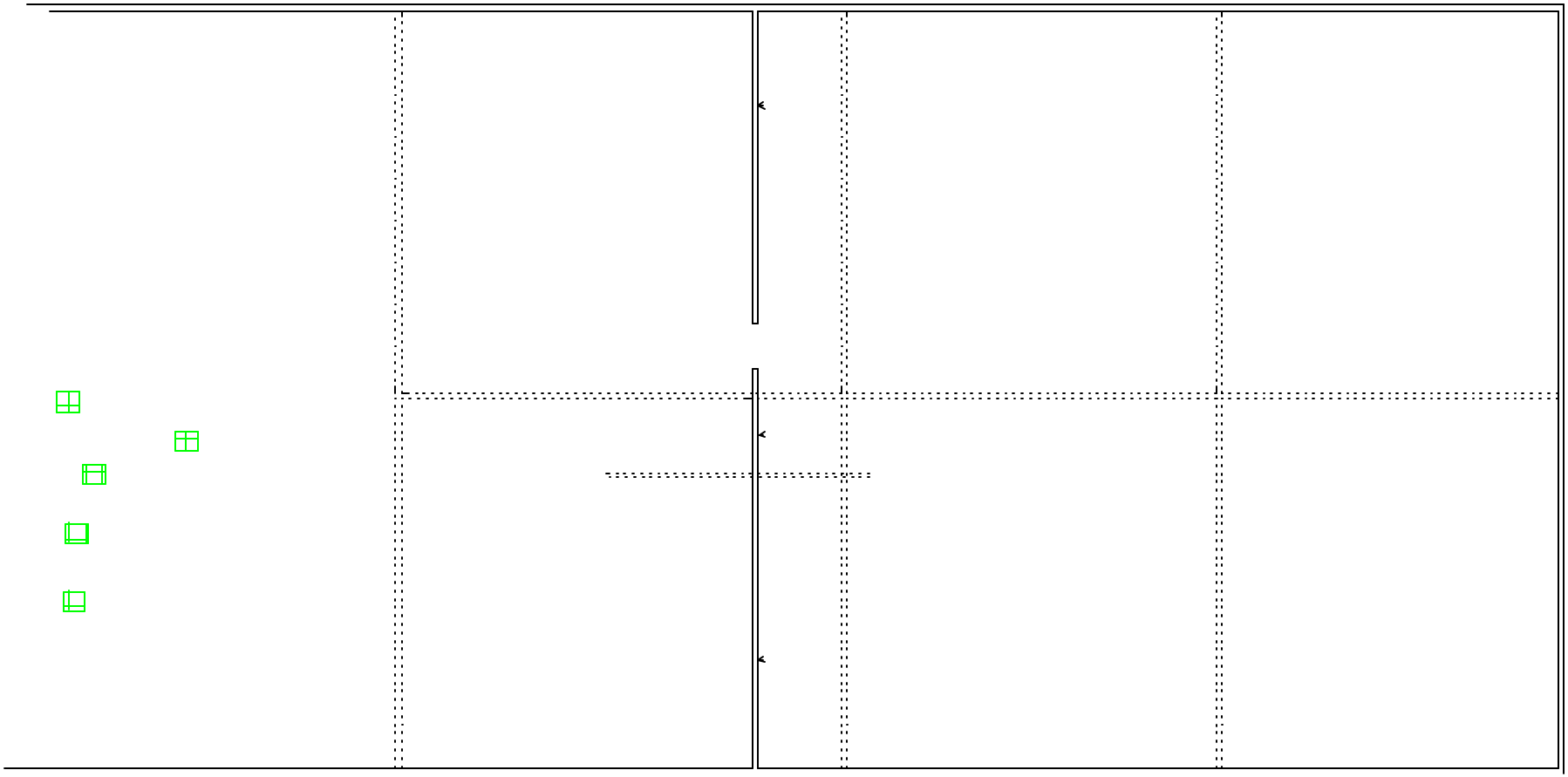
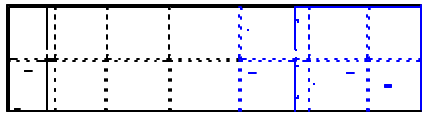


= Asbestos Homogeneous Locations
Roof penetration(s)



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Asbestos Homogeneous Locations
bldg 21610-Attic, South End
W.S.M.R., N.M.

NORTH

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August 2, 2002	Rev Date:	Scale: NONE

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Attn.: David Morales
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Wednesday, July 17, 2002

Ref Number: DA021628

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: WSMR BLDG 21610

Sample	Location	Appearance	Sample Treatment	ASBESTOS %	ASBESTOS Type	NON-ASBESTOS %	NON-ASBESTOS Fibrous	NON-ASBESTOS %	NON-ASBESTOS Non-Fibrous
01/A FLOORTILE	VENDING MACHINE AREA	Grey Non-Fibrous Homogeneous	Teased	None Detected		None Detected		100%	Other
01/B MASTIC	VENDING MACHINE AREA	Black Non-Fibrous Homogeneous	Teased	None Detected		None Detected		100%	Other
02/A FLOORTILE	RM 4A	Grey Non-Fibrous Homogeneous	Teased	None Detected		None Detected		100%	Other
02/B MASTIC	RM 4A	Black Non-Fibrous Homogeneous	Teased	None Detected		None Detected		100%	Other
03/A FLOORTILE	RM 11	Grey Non-Fibrous Homogeneous	Teased	None Detected		None Detected		100%	Other
03/B MASTIC	RM 11	Black Non-Fibrous Homogeneous	Teased	None Detected		None Detected		100%	Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples analyzed by ELAP 198.1 Method.

Roshaun Wilkerson
Analyst

Approved
Signatory

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Analysis performed by EMSL Dallas (NVLAP Air and Bulk #200034, Texas Dept. of Health 30-0181)

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Wednesday, July 17, 2002

Ref Number: DA021628

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: WSMR BLDG 21610

Sample	Location	Appearance	Sample Treatment	ASBESTOS %	ASBESTOS Type	NON-ASBESTOS %	NON-ASBESTOS Fibrous	NON-ASBESTOS %	NON-ASBESTOS Non-Fibrous
04/A FLOORTILE	RM 7	Gray Non-Fibrous Homogeneous	Teased	None Detected		None Detected		100%	Other
04/B MASTIC	RM 7	Black Non-Fibrous Homogeneous	Teased	None Detected		None Detected		100%	Other
05/A FLOORTILE	RM9	Gray Non-Fibrous Homogeneous	Teased	None Detected		None Detected		100%	Other
05/B MASTIC	RM9	Black Non-Fibrous Homogeneous	Teased	None Detected		None Detected		100%	Other
06/A FLOORTILE	SOUTH END OF HALLWAY	Gray Non-Fibrous Homogeneous	Teased	None Detected		None Detected		100%	Other
06/B MASTIC	SOUTH END OF HALLWAY	Black Non-Fibrous Homogeneous	Teased	None Detected		None Detected		100%	Other

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Roshaun Wilkerson
Analyst

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Wednesday, July 17, 2002

Ref Number: DA021628

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: WSMR BLDG 21610

Sample	Location	Appearance	Sample Treatment	ASBESTOS %	ASBESTOS Type	NON-ASBESTOS %	NON-ASBESTOS Fibrous	NON-ASBESTOS %	NON-ASBESTOS Non-Fibrous
07/A FLOORTILE	HALLWAY (NO END)	Gray Non-Fibrous Homogeneous	Teased	8%	Chrysotile		None Detected	92%	Other
07/B MASTIC	HALLWAY (NO END)	Black Non-Fibrous Homogeneous	Teased	5%	Chrysotile		None Detected	95%	Other
08/A FLOORTILE	RM 14	Gray Non-Fibrous Homogeneous	Teased	8%	Chrysotile		None Detected	92%	Other
08/B MASTIC	RM 14	Black Non-Fibrous Homogeneous	Teased	5%	Chrysotile		None Detected	95%	Other
09/A FLOORTILE	RM 14	Gray Non-Fibrous Homogeneous	Teased	8%	Chrysotile		None Detected	92%	Other
09/B MASTIC	RM 14	Black Non-Fibrous Homogeneous	Teased	5%	Chrysotile		None Detected	95%	Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples analyzed by ELAP 198.1 Method.

Roshaun Wilkerson
Analyst

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Wednesday, July 17, 2002

Ref Number: DA021628

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: WSMR BLDG 21610

Sample	Location	Appearance	Sample Treatment	ASBESTOS %	ASBESTOS Type	NON-ASBESTOS %	NON-ASBESTOS Fibrous	NON-ASBESTOS %	NON-ASBESTOS Non-Fibrous
10/A FLOORTILE	NO END OF HALLWAY	White Non-Fibrous Homogeneous	Teased		None Detected		None Detected	100%	Other
10/B MASTIC	NO END OF HALLWAY	Black Non-Fibrous Homogeneous	Teased	5%	Chrysotile		None Detected	95%	Other
11/A FLOORTILE	NO END OF HALLWAY	White Non-Fibrous Homogeneous	Teased		None Detected		None Detected	100%	Other
11/B MASTIC	NO END OF HALLWAY	Black Non-Fibrous Homogeneous	Teased	5%	Chrysotile		None Detected	95%	Other
12/A FLOORTILE	NO END OF HALLWAY	White Non-Fibrous Homogeneous	Teased		None Detected		None Detected	100%	Other
12/B MASTIC	NO END OF HALLWAY	Black Non-Fibrous Homogeneous	Teased	5%	Chrysotile		None Detected	95%	Other

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* NY samples analyzed by ELAP 198.1 Method.

Roshaun Wilkerson
Analyst

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Analysis performed by EMSL Dallas (NVLAP Air and Bulk #200034, Texas Dept. of Health 30-0161)

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Wednesday, July 17, 2002

Ref Number: DA021628

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: WSMR BLDG 21610

Sample	Location	Appearance	Sample Treatment	ASBESTOS %	ASBESTOS Type	NON-ASBESTOS %	NON-ASBESTOS Fibrous	NON-ASBESTOS %	NON-ASBESTOS Non-Fibrous
13/A FLOORTILE	RM(S) 1 & 2	Black Non-Fibrous Homogeneous	Teased		None Detected		None Detected	100%	Other
13/B MASTIC	RM(S) 1 & 2	Black Non-Fibrous Homogeneous	Teased		None Detected		None Detected	100%	Other
14/A FLOORTILE	RM(S) 1 & 2	Black Non-Fibrous Homogeneous	Teased		None Detected		None Detected	100%	Other
14/B MASTIC	RM(S) 1 & 2	Black Non-Fibrous Homogeneous	Teased		None Detected		None Detected	100%	Other
15/A FLOORTILE	RM(S) 1 & 2	Black Non-Fibrous Homogeneous	Teased		None Detected		None Detected	100%	Other
15/B MASTIC	RM(S) 1 & 2	Black Non-Fibrous Homogeneous	Teased		None Detected		None Detected	100%	Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples analyzed by ELAP 198.1 Method.

Roshaun Wilkerson
Analyst

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Signatory

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El Paso, TX 7992

Wednesday, July 17, 2002

Ref Number: DA021628

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: WSMR BLDG 21610

Sample	Location	Appearance	Sample Treatment	ASBESTOS %	ASBESTOS Type	NON-ASBESTOS %	NON-ASBESTOS Fibrous	NON-ASBESTOS %	NON-ASBESTOS Non-Fibrous
16/A FLOORTILE	MEN(S) R.R.	Gr en Nc -Fibrous Hc nogeneous	Teased	10%	Chrysotile		None Detected	90%	Other
16/B MASTIC	MEN(S) R.R.	Bl ck Nc -Fibrous Hc nogeneous	Teased	5%	Chrysotile		None Detected	95%	Other
17/A FLOORTILE	MEN(S) R.R.	Gr en Nc -Fibrous Hc nogeneous	Teased	10%	Chrysotile		None Detected	90%	Other
17/B MASTIC	MEN(S) R.R.	Bl ck Nc -Fibrous Hc nogeneous	Teased	5%	Chrysotile		None Detected	95%	Other
18/A FLOORTILE	MEN(S) R.R.	Gr en Nc -Fibrous Hc nogeneous	Teased	10%	Chrysotile		None Detected	90%	Other
18/B MASTIC	MEN(S) R.R.	Bl ck Nc -Fibrous Hc nogeneous	Teased	5%	Chrysotile		None Detected	95%	Other

Comments: For all obviously heterogenec s samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of se arable subsamples.

* NY samples analyzed by ELAP 198.1 M ethod.

Roshaun Wilkerson
Analyst

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Wednesday, July 17, 2002

Ref Number: DA021628

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: WSMR BLDG 21610

Sample	Location	Appearance	Sample Treatment	ASBESTOS % Type	NON-ASBESTOS % Fibrous	% Non-Fibrous
18/B MASTIC	MEN(S) R.R.	Gr en Nc n-Fibrous Hc nogeneous	Teased	10% Chrysotile	None Detected	90% Other
19/B MASTIC	MEN(S) R.R.	Bl ck Nc n-Fibrous Hc nogeneous	Teased	5% Chrysotile	None Detected	95% Other
20/A FLOORTILE	MEN(S) R.R.	Gr en Nc n-Fibrous Hc nogeneous	Teased	10% Chrysotile	None Detected	90% Other
20/B MASTIC	MEN(S) R.R.	Bl ck Nc n-Fibrous Hc nogeneous	Teased	5% Chrysotile	None Detected	95% Other
21/A FLOORTILE	MEN(S) R.R.	Gr en Nc n-Fibrous Hc nogeneous	Teased	10% Chrysotile	None Detected	90% Other
21/B MASTIC	MEN(S) R.R.	Bl ck Nc n-Fibrous Hc nogeneous	Teased	5% Chrysotile	None Detected	95% Other

Comments: For all obviously heterogene us samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of se arable subsamples.

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Analyst

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Ref Number: DA021628

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: WSMR BLDG 21610

Sample	Location	Appearance	Sample Treatment	ASBESTOS %	ASBESTOS Type	NON-ASBESTOS %	NON-ASBESTOS Fibrous	NON-ASBESTOS %	NON-ASBESTOS Non-Fibrous
22/A FLOORTILE	MEN(S) R.R.	Brown Non-Fibrous Homogeneous	Teased	15%	Chrysotile		None Detected	85%	Other
22/B MASTIC	MEN(S) R.R.	Black Non-Fibrous Homogeneous	Teased	5%	Chrysotile		None Detected	95%	Other
23/A FLOORTILE	MEN(S) R.R.	Brown Non-Fibrous Homogeneous	Teased	15%	Chrysotile		None Detected	85%	Other
23/B MASTIC	MEN(S) R.R.	Black Non-Fibrous Homogeneous	Teased	5%	Chrysotile		None Detected	95%	Other
24/A FLOORTILE	MEN(S) R.R.	Brown Non-Fibrous Homogeneous	Teased	15%	Chrysotile		None Detected	85%	Other
24/B MASTIC	MEN(S) R.R.	Black Non-Fibrous Homogeneous	Teased	5%	Chrysotile		None Detected	95%	Other

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Performed by EPA 600/R-93/116 Method*

Project: WSMR BLDG 21610

Sample	Location	Appearance	Sample Treatment	ASBESTOS %	ASBESTOS Type	NON-ASBESTOS %	NON-ASBESTOS Fibrous	NON-ASBESTOS %	NON-ASBESTOS Non-Fibrous
25	RM 10	Br wn No -Fibrous Ho nogeneous	Teased	None Detected			None Detected	100%	Other
26	RM 10	Br wn No -Fibrous Ho nogeneous	Teased	None Detected			None Detected	100%	Other
27	RM 10	Br wn No -Fibrous Ho nogeneous	Teased	None Detected			None Detected	100%	Other
28/A TEXTURE/ JOINT COMPOUND	RM 1	Wh te No -Fibrous Ho nogeneous	Teased	3%	Chrysotile		None Detected	97%	Other
28/B WALLBOARD	RM 1	Wh te Fib ous Ho nogeneous	Teased	None Detected		30%	Cellulose	70%	Other
29/A TEXTURE/ JOINT COMPOUND	RM 1	Wh ite No -Fibrous Ho nogeneous	Teased	3%	Chrysotile		None Detected	97%	Other

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Analysis performed by E SL Dallas (NVLAP Air and Bulk #200034, Texas Dept. of Health 30-0181)

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Wednesday, July 17, 2002

Ref Number: DA021628

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: WSMR BLDG 21610

Sample	Location	Appearance	Sample Treatment	ASBESTOS %	ASBESTOS Type	NON ASBESTOS %	NON ASBESTOS Fibrous	NON ASBESTOS %	NON ASBESTOS Non-Fibrous
29/B WALLBOARD	RM 1	White Fibrous Homogeneous	Teased		None Detected	30%	Cellulose	70%	Other
30/A TEXTURE/ JOINT COMPOUND	RM 1	White Non-Fibrous Homogeneous	Teased	3%	Chrysotile		None Detected	97%	Other
30/B WALLBOARD	RM 1	White Fibrous Homogeneous	Teased		None Detected	30%	Cellulose	70%	Other
31/A TEXTURE/ JOINT COMPOUND	RM 14	White Non-Fibrous Homogeneous	Teased		None Detected		None Detected	100%	Other
31/B WALLBOARD	RM 14	White Fibrous Homogeneous	Teased		None Detected	30%	Cellulose	70%	Other
32/A TEXTURE/ JOINT COMPOUND	RM 14	White Non-Fibrous Homogeneous	Teased		None Detected		None Detected	100%	Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples analyzed by ELAP 198.1 Method.

Roshaun Wilkerson
Analyst

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Performed by EPA 600/R-93/116 Method*

Project: WSMR BLDG 21610

Sample	Location	Appearance	Sample Treatment	ASBESTOS %	ASBESTOS Type	NON-ASBESTOS %	NON-ASBESTOS Fibrous	NON-ASBESTOS %	NON-ASBESTOS Non-Fibrous
32/B WALLBOARD	RM 14	White Fibrous Homogeneous	Teased	None Detected		30%	Cellulose	70%	Other
33/A TEXTURE/ JOINT COMPOUND	CONFERENCE RM	White Non-Fibrous Homogeneous	Teased	None Detected		None Detected		100%	Other
33/B WALLBOARD	CONFERENCE RM	White Fibrous Homogeneous	Teased	None Detected		30%	Cellulose	70%	Other
34/A TEXTURE/ JOINT COMPOUND	RM 7	White Non-Fibrous Homogeneous	Teased	5%	Chrysotile	None Detected		95%	Other
34/B WALLBOARD	RM 7	White Fibrous Homogeneous	Teased	None Detected		30%	Cellulose	70%	Other
35/A TEXTURE/ JOINT COMPOUND	RM 4	White Non-Fibrous Homogeneous	Teased	5%	Chrysotile	None Detected		95%	Other

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POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: WSMR BLDG 21610

Sample	Location	Appearance	Sample Treatment	ASBESTOS %	ASBESTOS Type	NON-ASBESTOS %	NON-ASBESTOS Fibrous	NON-ASBESTOS %	NON-ASBESTOS Non-Fibrous
35/B WALLBOARD	RM 4	W ite Fil rous Ho nogeneous	Teased	None Detected		30%	Cellulose	70%	Other
36/A TEXTURE/ JOINT COMPOUND	N. END OF HALLWAY	W ite No n-Fibrous Ho nogeneous	Teased	5%	Chrysotile	None Detected		95%	Other
36/B WALLBOARD	N. END OF HALLWAY	W ite Fil rous Ho nogeneous	Teased	None Detected		30%	Cellulose	70%	Other
37/A TEXTURE/ JOINT COMPOUND	S. END OF HALLWAY	W ite No n-Fibrous Ho nogeneous	Teased	5%	Chrysotile	None Detected		95%	Other
37/B WALLBOARD	S. END OF HALLWAY	W ite Fil rous Ho nogeneous	Teased	None Detected		30%	Cellulose	70%	Other
38/A TEXTURE/ JOINT COMPOUND	RM 3	W ite No n-Fibrous Ho nogeneous	Teased	None Detected		None Detected		100%	Other

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Performed by EPA 600/R-93/116 Method*

Project: WSMR BLDG 21610

Sample	Location	Appearance	Sample Treatment	ASBESTOS %	ASBESTOS Type	NON-ASBESTOS %	NON-ASBESTOS Fibrous	NON-ASBESTOS %	NON-ASBESTOS Non-Fibrous
38/B WALLBOARD	RM 3	W ite Fil rous H nogeneous	Teased		None Detected	30%	Cellulose	70%	Other
39/A TEXTURE	RM CONFERENCE	W ite N n-Fibrous H nogeneous	Teased		None Detected		None Detected	100%	Other
39/B WALLBOARD	RM CONFERENCE	W ite Fi rous H nogeneous	Teased		None Detected	30%	Cellulose	70%	Other
40/A TEXTURE		W ite N n-Fibrous H nogeneous	Teased		None Detected		None Detected	100%	Other
40/B WALLBOARD		W ite Fi rous H nogeneous	Teased		None Detected	30%	Cellulose	70%	Other
41/A TEXTURE	RM 10A	W ite N n-Fibrous H nogeneous	Teased		None Detected		None Detected	100%	Other

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Performed by EPA 600/R-93/116 Method*

Project: WSMR BLDG 21610

Sample	Location	Appearance	Sample Treatment	ASBESTOS %	ASBESTOS Type	NON ASBESTOS %	NON ASBESTOS Fibrous	NON ASBESTOS %	NON ASBESTOS Non-Fibrous
41/B WALLBOARD	RM 10A	White Fibrous Homogeneous	Teased		None Detected	30%	Cellulose	70%	Other
42/A TEXTURE	HALLWAY	White Non-Fibrous Homogeneous	Teased		None Detected		None Detected	100%	Other
42/B WALLBOARD	HALLWAY	White Fibrous Homogeneous	Teased		None Detected	30%	Cellulose	70%	Other
43/A TEXTURE	HALLWAY	White Non-Fibrous Homogeneous	Teased		None Detected		None Detected	100%	Other
43/B WALLBOARD	HALLWAY	White Fibrous Homogeneous	Teased		None Detected	30%	Cellulose	70%	Other
44/A TEXTURE	HALLWAY	White Non-Fibrous Homogeneous	Teased		None Detected		None Detected	100%	Other

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POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: WSMR BLDG 21610

Sample	Location	Appearance	Sample Treatment	ASBESTOS %	ASBESTOS Type	NON-ASBESTOS %	NON-ASBESTOS Fibrous	NON-ASBESTOS %	NON-ASBESTOS Non-Fibrous
44/B WALLBOARD	HALLWAY	W ite Fi rous H mogeneous	Teased		None Detected	30%	Cellulose	70%	Other
45	RM 14	G ey N n-Fibrous H mogeneous	Teased		None Detected		None Detected	100%	Other
46	RM 3	G ey N n-Fibrous H mogeneous	Teased		None Detected		None Detected	100%	Other
47	RM 5	G ey N n-Fibrous H mogeneous	Teased		None Detected		None Detected	100%	Other
48	RM 11	G ey N n-Fibrous H mogeneous	Teased		None Detected		None Detected	100%	Other
49	RM 8	G ey N n-Fibrous H mogeneous	Teased		None Detected		None Detected	100%	Other

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Performed by EPA 600/R-93/116 Method*

Project: WSMR BLDG 21610

Sample	Location	Appearance	Sample Treatment	ASBESTOS %	ASBESTOS Type	NON-ASBESTOS %	NON-ASBESTOS Fibrous	NON-ASBESTOS %	NON-ASBESTOS Non-Fibrous
50	RM 10A	Gr y No -Fibrous Ho nogeneous	Teased	None Detected			None Detected	100%	Other
51	RM 2	Ta No -Fibrous Ho nogeneous	Teased	3%	Chrysotile		None Detected	97%	Other
52	RM 14	Wh te No -Fibrous Ho nogeneous	Teased	None Detected			None Detected	100%	Other
53	RM 5	Wh te No -Fibrous Ho nogeneous	Teased	None Detected			None Detected	100%	Other
54	RM 11	Wh te No -Fibrous Ho nogeneous	Teased	None Detected			None Detected	100%	Other
55	RM 9	Wh ite No -Fibrous Ho nogeneous	Teased	None Detected			None Detected	100%	Other

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Project: WSMR BLDG 21610

Sample	Location	Appearance	Sample Treatment	ASBESTOS %	ASBESTOS Type	NON-ASBESTOS %	NON-ASBESTOS Fibrous	NON-ASBESTOS %	NON-ASBESTOS Non-Fibrous
56	SOUTH EXIT DOOR	White Non-Fibrous Homogeneous	Teased	None Detected			None Detected	100%	Other
57	NORTH EXIT DOOR	White Non-Fibrous Homogeneous	Teased	None Detected			None Detected	100%	Other
58	NORTH EXIT DOOR	White Non-Fibrous Homogeneous	Teased	3%	Chrysotile		None Detected	97%	Other
59	NORTH EXIT DOOR	White Non-Fibrous Homogeneous	Teased	None Detected			None Detected	100%	Other
60	SOUTH EXIT DOOR	Tan Non-Fibrous Homogeneous	Teased	5%	Chrysotile		None Detected	95%	Other
61	SOUTH EXIT DOOR	Tan Non-Fibrous Homogeneous	Teased	5%	Chrysotile		None Detected	95%	Other

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Sample	Location	Appearance	Sample Treatment	ASBESTOS %	ASBESTOS Type	NON-ASBESTOS %	NON-ASBESTOS Fibrous	NON-ASBESTOS %	NON-ASBESTOS Non-Fibrous
62		White Non-Fibrous Homogeneous	Teased		None Detected		None Detected	100%	Other
63		White Non-Fibrous Homogeneous	Teased		None Detected		None Detected	100%	Other
64		White Non-Fibrous Homogeneous	Teased		None Detected		None Detected	100%	Other
65		White Non-Fibrous Homogeneous	Teased		None Detected		None Detected	100%	Other
66		Tan Non-Fibrous Homogeneous	Teased		None Detected		None Detected	100%	Other
67		Tan Non-Fibrous Homogeneous	Teased		None Detected		None Detected	100%	Other

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Sample	Location	Appearance	Sample Treatment	ASBESTOS %	ASBESTOS Type	NON ASBESTOS %	NON ASBESTOS Fibrous	NON ASBESTOS %	NON ASBESTOS Non-Fibrous
68		Ta n N n-Fibrous H mogeneous	Teased	None Detected		None Detected		100%	Other
69		Ta n N n-Fibrous H mogeneous	Teased	None Detected		None Detected		100%	Other
70		Ta n N n-Fibrous H mogeneous	Teased	None Detected		None Detected		100%	Other
71		G ey N n-Fibrous H mogeneous	Teased	None Detected		None Detected		100%	Other
72		G ey N n-Fibrous H mogeneous	Teased	None Detected		None Detected		100%	Other
73		W ite N n-Fibrous H mogeneous	Teased	None Detected		None Detected		100%	Other

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Sample	Location	Appearance	Sample Treatment	ASBESTOS %	ASBESTOS Type	NON ASBESTOS %	NON ASBESTOS Fibrous	NON ASBESTOS %	NON ASBESTOS Non-Fibrous
74		Bl ck Nc n-Fibrous Hc nogeneous	Teased	5%	Chrysotile		None Detected	95%	Other
75	ROOF	Bl ck Nc n-Fibrous Hc nogeneous	Teased	5%	Chrysotile		None Detected	95%	Other
76		Bl ck Nc n-Fibrous Hc nogeneous	Teased	5%	Chrysotile		None Detected	95%	Other
77		W ite Nc n-Fibrous Hc nogeneous	Teased		None Detected		None Detected	100%	Other
78		W ite Nc n-Fibrous Hc nogeneous	Teased		None Detected		None Detected	100%	Other
79		W ite Nc n-Fibrous Hc nogeneous	Teased		None Detected		None Detected	100%	Other

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Sample	Location	Appearance	Sample Treatment	ASBESTOS %	ASBESTOS Type	NON-ASBESTOS %	NON-ASBESTOS Fibrous	NON-ASBESTOS %	NON-ASBESTOS Non-Fibrous
80		Black/White Fibrous Homogeneous	Teased		None Detected	80%	Cellulose	20%	Other
81		Black/White Fibrous Homogeneous	Teased		None Detected	80%	Cellulose	20%	Other
82		Black/White Fibrous Homogeneous	Teased		None Detected	80%	Cellulose	20%	Other
83		White Non-Fibrous Homogeneous	Teased		None Detected		None Detected	100%	Other
84		White Non-Fibrous Homogeneous	Teased		None Detected		None Detected	100%	Other
85		White Non-Fibrous Homogeneous	Teased		None Detected		None Detected	100%	Other

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Analysis performed by EMSL Dallas (NVLAP Air and Bulk #200034, Texas Dept. of Health 30-0181)

EMSL Analytical, Inc.

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Dallas, TX 75229
Phone: (972) 831-9725 Fax: (972) 444-0884

Attn.: David Moraes
SafeNet Environmental Services LLC
3945 Doniphan Park Circle, Suite F
El Paso, TX 79922

Wednesday, July 17, 2002

Ref Number: DA021628

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: WSMR BLDG 21610

Sample	Location	Appearance	Sample Treatment	ASBESTOS %	ASBESTOS Type	NON-ASBESTOS %	NON-ASBESTOS Fibrous	NON-ASBESTOS %	NON-ASBESTOS Non-Fibrous
86		White Non-Fibrous Homogeneous	Teased	None Detected		None Detected		100%	Other
87		Grey Non-Fibrous Homogeneous	Teased	None Detected		None Detected		100%	Other
88		Grey Non-Fibrous Homogeneous	Teased	None Detected		None Detected		100%	Other
89		Grey Non-Fibrous Homogeneous	Teased	None Detected		None Detected		100%	Other
90/A TEXTURE	ATTIC	White Non-Fibrous Homogeneous	Teased	5%	Chrysotile	None Detected		95%	Other
90/B WALLBOARD	ATTIC	White Fibrous Homogeneous	Teased	None Detected		30%	Cellulose	70%	Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples analyzed by ELAP 198.1 Method.

Roshaun Wilkerson
Analyst

Approved
Signatory

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Wednesday, July 17, 2002

Ref Number: DA021628

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: WSMR BLDG 21610

Sample	Location	Appearance	Sample Treatment	ASBESTOS %	ASBESTOS Type	NON-ASBESTOS %	NON-ASBESTOS Fibrous	NON-ASBESTOS %	NON-ASBESTOS Non-Fibrous
91/A NO TEXTURE FOUND	ATTIC				Not Analyzed				
91/B WALLBOARD	ATTIC	Wh te Fib ous Ho nogeneous	Teased		None Detected		30% Cellulose		70% Other
92/A NO TEXTURE FOUND	ATTIC				Not Analyzed				
92/A WALLBOARD	ATTIC	Wh te Fib ous Ho nogeneous	Teased		None Detected		30% Cellulose		70% Other
93	ATTIC	Wh te Fib ous Ho nogeneous	Teased		None Detected		30% Cellulose		70% Other
94	ATTIC	Wh te Fib ous Ho nogeneous	Teased		None Detected		30% Cellulose		70% Other

Comments: For all obviously heterogeneo s samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of sep arable subsamples.

* NY samples analyzed by ELAP 198.1 M thod.

Roshaun Wilkerson
Analyst

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Analysis performed by E SL Dallas (NVLAP Air and Bulk #200034, Texas Dept. of Health 30-0181)

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Wednesday, July 17, 2002

Ref Number: DA021628

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: WSMR BLDG 21610

Sample	Location	Appearance	Sample Treatment	ASBESTOS %	ASBESTOS Type	NON-ASBESTOS %	NON-ASBESTOS Fibrous	NON-ASBESTOS %	NON-ASBESTOS Non-Fibrous
95	ATTIC	W ite Fi rous H mogeneous	Teased	None Detected		30%	Cellulose	70%	Other
96/A TEXTURE	MECHANICAL ROOM	W ite N n-Fibrous H mogeneous	Teased	5%	Chrysotile	None Detected		95%	Other
96/B WALLBOARD	MECHANICAL ROOM	W ite Fi rous H mogeneous	Teased	None Detected		30%	Cellulose	70%	Other
97/A TEXTURE	MECHANICAL ROOM	W ite N n-Fibrous H mogeneous	Teased	5%	Chrysotile	None Detected		95%	Other
97/B WALLBOARD	MECHANICAL ROOM	W ite Fi rous H mogeneous	Teased	None Detected		30%	Cellulose	70%	Other
98/A TEXTURE	MECHANICAL ROOM	W ite N n-Fibrous H mogeneous	Teased	5%	Chrysotile	None Detected		95%	Other

Comments: For all obviously heterogene us samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of se arable subsamples.

* NY samples analyzed by ELAP 198.1 M ethod.

Roshaun Wilkerson
Analyst

Approved
Signatory

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Analysis performed by E MSL Dallas (NVLAP Air and Bulk #200034, Texas Dept. of Health 30-0181)

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Wednesday, July 17, 2002

Ref Number: DA021628

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: WSMR BLDG 21610

Sample	Location	Appearance	Sample Treatment	ASBESTOS %	ASBESTOS Type	NON ASBESTOS %	NON ASBESTOS Fibrous	NON ASBESTOS %	NON ASBESTOS Non-Fibrous
98/B WALLBOARD	MECHANICAL ROOM	White Fibrous Homogeneous	Teased		None Detected	30%	Cellulose	70%	Other
99/A TEXTURE	MECHANICAL ROOM	White Non-Fibrous Homogeneous	Teased	5%	Chrysotile		None Detected	95%	Other
99/B WALLBOARD	MECHANICAL ROOM	White Fibrous Homogeneous	Teased		None Detected	30%	Cellulose	70%	Other
100/A TEXTURE	MECHANICAL ROOM	White Non-Fibrous Homogeneous	Teased	5%	Chrysotile		None Detected	95%	Other
100/B WALLBOARD	MECHANICAL ROOM	White Fibrous Homogeneous	Teased		None Detected	30%	Cellulose	70%	Other
101/A TEXTURE	MECHANICAL ROOM	White Non-Fibrous Homogeneous	Teased	5%	Chrysotile		None Detected	95%	Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples analyzed by ELAP 198.1 Method.

Roshaun Wilkerson
Analyst

Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as <1% or none detected be tested with either SEM or TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.
Analysis performed by EMSL Dallas (NVLAP Air and Bulk #200034, Texas Dept. of Health 30-0161)

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Wednesday, July 17, 2002

Ref Number: DA021628

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: WSMR BLDG 21610

Sample	Location	Appearance	Sample Treatment	ASBESTOS %	ASBESTOS Type	NON-ASBESTOS %	NON-ASBESTOS Fibrous	NON-ASBESTOS %	NON-ASBESTOS Non-Fibrous
101/B WALLBOARD	MECHANICAL ROOM	Wl ite Fil ous Hc nogeneous	Teased	None Detected		30%	Cellulose	70%	Other
102/A TEXTURE	RM 14	W ite Nc n-Fibrous Hc nogeneous	Teased	5%	Chrysotile	None Detected		95%	Other
102/B WALLBOARD	RM 14	W ite Fil ous Hc nogeneous	Teased	None Detected		30%	Cellulose	70%	Other
103/A TEXTURE	RM 14	W ite Nc n-Fibrous Hc nogeneous	Teased	5%	Chrysotile	None Detected		95%	Other
103/B WALLBOARD	RM 14	W ite Fil rous Hc nogeneous	Teased	None Detected		30%	Cellulose	70%	Other
104/A TEXTURE	RM 14	W ite Nc n-Fibrous Hc nogeneous	Teased	5%	Chrysotile	None Detected		95%	Other

Comments: For all obviously heterogenec is samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of se arable subsamples.

* NY samples analyzed by ELAP 198.1 M ethod.

Roshaun Wilkerson
Analyst

Approved
Signatory

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Analysis performed by E MSL Dallas (NVLAP Air and Bulk #200034, Texas Dept. of Health 30-0181)

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Wednesday, July 17, 2002

Ref Number: DA021628

OLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: WSMR BLDG 21610

Sample	Location	ppearance	Sample Treatment	ASBESTOS %	ASBESTOS Type	NON ASBESTOS %	NON ASBESTOS Fibrous	NON ASBESTOS %	NON ASBESTOS Non-Fibrous
104/B WALLBOARD	RM 14	Wh te Fib ous Ho nogeneous	Teased	None Detected		30%	Cellulose	70%	Other
105	HALLWAY	Gr y Fib ous Ho nogeneous	Teased	None Detected		40%	Cellulose	60%	Other
106	RM 4	Gr y Fib ous Ho nogeneous	Teased	None Detected		40%	Cellulose	60%	Other
107	RM 9A	Gr y Fib ous Ho nogeneous	Teased	None Detected		40%	Cellulose	60%	Other
108/A TEXTURE	HALLWAY	Wh ite No -Fibrous Ho nogeneous	Teased	5%	Chrysotile	None Detected		95%	Other
108/B WALLBOARD	HALLWAY	Wh ite Fib ous Ho nogeneous	Teased	None Detected		30%	Cellulose	70%	Other

Comments: For all obviously heterogenec s samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of se arable subsamples.

* NY samples analyzed by ELAP 198.1 M ethod.

Roshaun Wilkerson
Analyst

Approved
Signatory

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Wednesday, July 17, 2002

Ref Number: DA021628

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: WSMR BLDG 21610

Sample	Location	Appearance	Sample Treatment	ASBESTOS %	ASBESTOS Type	NON-ASBESTOS %	NON-ASBESTOS Fibrous	NON-ASBESTOS %	NON-ASBESTOS Non-Fibrous
109/A TEXTURE	HALLWAY	White Non-Fibrous Homogeneous	Teased	5%	Chrysotile		None Detected	95%	Other
109/B WALLBOAR	HALLWAY	White Fibrous Homogeneous	Teased		None Detected	30%	Cellulose	70%	Other
110/A TEXTURE	MEN(S) RR	White Non-Fibrous Homogeneous	Teased	5%	Chrysotile		None Detected	95%	Other
110/B WALLBOARD	MEN(S) RR	White Fibrous Homogeneous	Teased		None Detected	30%	Cellulose	70%	Other
111/A TEXTURE	WOMENS RR	White Non-Fibrous Homogeneous	Teased	5%	Chrysotile		None Detected	95%	Other
111/B WALLBOARD	WOMENS RR	White Fibrous Homogeneous	Teased		None Detected	30%	Cellulose	70%	Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples analyzed by ELAP 198.1 Method.

Roshaun Wilkerson
Analyst

Approved
Signatory

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Wednesday, July 17, 2002

Ref Number: DA021628

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: WSMR BLDG 21610

Sample	Location	Appearance	Sample Treatment	ASBESTOS %	ASBESTOS Type	NON-ASBESTOS %	NON-ASBESTOS Fibrous	NON-ASBESTOS %	NON-ASBESTOS Non-Fibrous
112/A TEXTURE	HALLWAY	White Non-Fibrous Homogeneous	Teased	5%	Chrysotile		None Detected	95%	Other
112/B WALLBOARD	HALLWAY	White Fibrous Homogeneous	Teased		None Detected	30%	Cellulose	70%	Other
113/A TEXTURE		White Non-Fibrous Homogeneous	Teased	5%	Chrysotile		None Detected	95%	Other
113/B WALLBOARD		White Fibrous Homogeneous	Teased		None Detected	30%	Cellulose	70%	Other
114/A TEXTURE	CONFERENCE ROOM	White Non-Fibrous Homogeneous	Teased	5%	Chrysotile		None Detected	95%	Other
114/B WALLBOARD	CONFERENCE ROOM	White Fibrous Homogeneous	Teased		None Detected	30%	Cellulose	70%	Other

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Analyst

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POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: WSMR BLDG 21610

Sample	Location	Appearance	Sample Treatment	ASBESTOS %	ASBESTOS Type	NON ASBESTOS %	NON ASBESTOS Fibrous	NON ASBESTOS %	NON ASBESTOS Non-Fibrous
115/A TEXTURE	RM 43	White Non-Fibrous Homogeneous	Teased	5%	Chrysotile		None Detected	95%	Other
115/B WALLBOARD	RM 43	White Fibrous Homogeneous	Teased		None Detected	30%	Cellulose	70%	Other
116/A TEXTURE	RM 5	White Non-Fibrous Homogeneous	Teased	5%	Chrysotile		None Detected	95%	Other
116/B WALLBOARD	RM 5	White Fibrous Homogeneous	Teased		None Detected	30%	Cellulose	70%	Other
117/A TEXTURE	RM 7	White Non-Fibrous Homogeneous	Teased	3%	Chrysotile		None Detected	97%	Other
117/B WALLBOARD	RM 7	White Fibrous Homogeneous	Teased		None Detected	30%	Cellulose	70%	Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

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Roshaun Wilkerson
Analyst

Approved
Signatory

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Ref Number: DA021628

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: WSMR BLDG 21610

Sample	Location	Appearance	Sample Treatment	ASBESTOS %	ASBESTOS Type	NON ASBESTOS %	NON ASBESTOS Fibrous	NON ASBESTOS %	NON ASBESTOS Non-Fibrous
118/A TEXTURE		White Non-Fibrous Homogeneous	Teased	3%	Chrysotile		None Detected	97%	Other
118/B WALLBOARD		White Fibrous Homogeneous	Teased		None Detected	30%	Cellulose	70%	Other
119	ATTIC	White Fibrous Homogeneous	Teased		None Detected	40%	Glass 20% Min. Wool	40%	Other
120	ATTIC	White Fibrous Homogeneous	Teased		None Detected	40%	Glass 20% Min. Wool	40%	Other
121	ATTIC	White Fibrous Homogeneous	Teased		None Detected	40%	Glass 20% Min. Wool	40%	Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

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Analyst

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Analysis performed by EMSL Dallas (NVLAP Air and Bulk #200034, Texas Dept. of Health 30-0181)

SUMMIT
Environmental Services, LLC

CHAIN OF CUSTODY RECORD

DATE: 7-12-02

3945 DONIPHAN PARK CIRCLE
SUITE F
EL PASO, TX 79922
TEL (915) 587-6900
FAX (915) 587-6913

Client: WSMR
Address: Bldg 221610
City/State/Zip:
Proj.Name/No.:
Client No.:
Time:

Proj.Mgr./Contact:
Phone No.: 587-6900
Fax No.: 587-6913
Insp./ Collector: Jose L Sandoval

✖ ASBESTOS SAMPLING
⊘ PLM EPA 600
⊘ _24_ TAT

DA021628

	HOMO-GENEOUS AREA	MATERIAL DESCRIPTION:	TYPE: SURF MISC TSI	QUANTITY: SQ.FT. L.FT. EACH	SAMPLE LOCATION	HOMOGENEOUS AREA LOCATIONS
01	01	12"x12" floor tile & mastic, gray w/ green specks	misc		Vending machine area	
02	↓	" " " " "	"		Rm 4a	
03		" " " " "	"		Rm "	
04		" " " " "	"		Rm 7	
05		" " " " "	"		Rm 9	
06	↓	" " " " "	"		South end of Hallway	
07	02	12"x12" floor tile & mastic, light gray w/ dark gray streaks	misc		Hallway (No End.)	
08	↓	" " " " " "	"		Rm 14	
09	↓	" " " " " "	"		Rm 14	
10	03	12"x12" floor tile & mastic, white w/ beige streaks	misc		No End of Hallway	
11	↓	" " " " " "	"		" " "	
12	↓	" " " " " "	"		" " "	
13	04	12"x12" Black floor tile & mastic	misc		Rms 1 & 2	
14	"	" " " "	"		" " "	

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Jose L Sandoval	7-15-02		Lydia Williams	7-16-02	10:00am

SAMNET
Environmental Services, LLC

CHAIN OF CUSTODY RECORD

DATE: 7-12-02

3945 DONIPHAN PARK CIRCLE
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EL PASO, TX 79922
TEL (915) 587-6900
FAX (915) 587-6913

Client: WSMR
Address: Bldg. 21410
City/State/Zip:
Proj.Name/No.:
Client No.:
Time:

Proj.Mgr./Contact:
Phone No.: 587-6900
Fax No.: 587-6913
Insp./ Collector: Jose C. Sandoval

☒ ASBESTOS SAMPLING
☒ PLM EPA 600
☒ _24_ TAT

	HOMO-GENEOUS AREA	MATERIAL DESCRIPTION:	TYPE: SURF MISC TSI	QUANTITY: SQ.FT. L.FT. EACH	SAMPLE LOCATION	HOMOGENEOUS AREA LOCATIONS
15	04	12"x12" Black floortile	misc		Rm(s) 132	
16	05	Dark green 9"x9" floortile & mastic	misc		Men(s) R.R.	
17	"	" " " " " "	"		" " "	
18	"	" " " " " "	"		" " "	
19	06	Green 9"x9" floortile & mastic	misc		Mens R.R.	
20	"	" " " " "	"		" " "	
21	"	" " " " "	"		" " "	
22	07	Brown 9"x9" floortile & mastic	misc		Mens R.R.	
23	"	" " " " "	"		" " "	
24	"	" " " " "	"		" " "	
25	08	Cove base mastic	misc		Rm(s)	
26	"	" " "	"		" "	
27	"	" " "	"		" "	
28	09	Texture, joint compound w/ wallboard	surf		Rm 1	

Relinquished By: [signature] Date: 7-15-02 Time:

Received By: Date: Time:

SAITNET
Environmental Services, LLC

CHAIN OF CUSTODY RECORD

3945 DONIPHAN CIRCLE
SUITE F
EL PASO, TX 79922
TEL (915) 587-6900
FAX (915) 587-6913

DATE: 7-12-02

Client: USNR
Address: Bldg: 21610
City/State/Zip:
Proj.Name/No.:
Client No.:
Time:

Proj.Mgr./Contact:
Phone No.: 587-6900
Fax No.: 587-6913
Insp./ Collector: Jose Saucedo

✖ ASBESTOS SAMPLING
⊘ PLM EPA 600
⊘ _24_ TAT

	HOMO-GENEOUS AREA	MATERIAL DESCRIPTION:	TYPE: SURF MISC TSI	QUANTITY: SQ.FT. L.FT. EACH	SAMPLE LOCATION	HOMOGENEOUS AREA LOCATIONS
29	09	TC, JC	SURF		Rm (1)	
30	"	" "	"		" "	
31	10	TC, JC	SURF.		Rm 1	
32	"	" "	"		Rm 4	
33	"	" "	"		Conference Rm	
34	"	" "	"		Rm 7	
35	"	" "	"		Rm 4	
36	"	" "	"		N. end of hallway	
37	"	" "	"		S. end of hallway	
38	"	TC, JC-CSH, CWT	SURF.		Rm 3	
39	"	" " " "	"		Rm 39 conference	
40	"	" " " "	"		Rm 5	
41	"	" " " "	"		Rm 10a	
42	12	CSH, CWT	SURF.		Hallway	

Relinquished By: Jose Saucedo Date: 7-15-02 Time:

Received By: Date: Time:

SOLINET
Environmental Services, LLC

CHAIN OF CUSTODY RECORD

3945 DONIPHAN PARK CIRCLE
SUITE F
EL PASO, TX 79922
TEL (915) 587-6900
FAX (915) 587-6913

DATE: 7-12-02

Client: WSMR
Address: Bldg. 21600
City/State/Zip:
Proj.Name/No.:
Client No.:
Time:

Proj.Mgr./Contact:
Phone No.: 587-6900
Fax No.: 587-6913
Insp./ Collector: Jose Sandoval

☒ ASBESTOS SAMPLING
☒ PLM EPA 600
☒ _24_ TAT

	HOMO-GENEOUS AREA	MATERIAL DESCRIPTION	TYPE: SURF MISC TSI	QUANTITY: SQ.FT. L.FT. EACH	SAMPLE LOCATION	HOMOGENEOUS AREA LOCATIONS
43	12	CSH, CWT	Surf		Hallway	
44	"	" "	"		"	
45	13	WP	Misc		Rm 14	
46	↓	"	"		Rm 3	
47		"	"		Rm 5	
48		"	"		Rm 11	
49		"	"		Rm 8	
50	↓	"	"		Rm 10a	
51	14	OT / caulking	Misc		Rm 2	
52	↓	" "	"		Rm 11	
53		" "	"		Rm 5	
54		" "	"		Rm 11	
55	↓	" "	"		Rm 9	
56	15	White caulking	Misc		South Exit door	

Relinquished By: [signature] Date: 7-15-02 Time:
Received By: Date: Time:

SOLNET
Environmental Services, LLC

CHAIN OF CUSTODY RECORD

3945 DONIPHAN PARK CIRCLE
SUITE F
EL PASO, TX 79922
TEL (915) 587-6900
FAX (915) 587-6913

DATE: 7-12-02

Client: WSMR
Address: Bldg. 21610
City/State/Zip:
Proj.Name/No.:
Client No.:
Time:

Proj.Mgr./Contact:
Phone No.: 587-6900
Fax No.: 587-6913
Insp./ Collector: Jose Stadhart

☒ ASBESTOS SAMPLING
☒ PLM EPA 600
☒ 24 TAT

	HOMO-GENEOUS AREA	MATERIAL DESCRIPTION:	TYPE: SURF MISC TSI	QUANTITY: SQ.FT. L.FT. EACH	SAMPLE LOCATION	HOMOGENEOUS AREA LOCATIONS
57	15	White caulking	Misc		North exit door	
58	"	" "	"		" " "	
59	16	White caulking	misc		North exit door	
60	"	" "	"		South exit door	
61	"	" "	"		" " "	
62	17	White caulking	Misc			
63		" "	"			
64		" "	"			
65		" "	"			
66		" "	"			
67	↓	" "	"			
68	18	Exterior glazing	misc			
69	↓		"			
70			"			

Relinquished By: Jose L. [illegible] Date: 7-15-02 Time:

Received By: Date: Time:

SAUNET
Environmental Services, LLC

CHAIN OF CUSTODY RECORD

DATE: 7-12-02

3945 DONIPHAN PARK CIRCLE
SUITE F
EL PASO, TX 79922
TEL (915) 587-6900
FAX (915) 587-6913

Client: WSMR
Address: Bldg. 2160
City/State/Zip:
Proj.Name/No.:
Client No.:
Time:

Proj.Mgr./Contact:
Phone No.: 587-6900
Fax No.: 587-6913
Insp./ Collector: Jose Saucedo

☒ ASBESTOS SAMPLING
☒ PLM EPA 600
☒ 24 TAT

	HOMO-GENEOUS AREA	MATERIAL DESCRIPTION:	TYPE: SURF MISC TSI	QUANTITY: SQ.FT. L.FT. EACH	SAMPLE LOCATION	HOMOGENEOUS AREA LOCATIONS
71	18	Exterior window glazing	Misc			
72	↓	" " "	"			
73	↓	" " "	"			
74	19	Black sealant	Misc			
75	"	" "	"			
76	"	" "	"		Roof	
77	20	Caulking A/C ducts	Misc			
78	"	" " "	"			
79	"	" " "	"			
80	21	Flex connectors	Misc			
81	"	" "	"			
82	"	" "	"			
83	22	Caulking	Misc			
84	"	"	"			

Relinquished By: Jose S. Saucedo Date: 7-15-02 Time:

Received By: Date: Time:

SUNET
Environmental Services, LLC

CHAIN OF CUSTODY RECORD

3945 DONIPHAN PARK CIRCLE
SUITE F
EL PASO, TX 79922
TEL (915) 587-6900
FAX (915) 587-6913

DATE: 7-12-02

Client: WSMR
Address: Bldg. 21610
City/State/Zip:
Proj.Name/No.:
Client No.:
Time:

Proj.Mgr./Contact:
Phone No.: 587-6900
Fax No.: 587-6913
Insp./ Collector: Jose Sandoval

☒ ASBESTOS SAMPLING
☒ PLM EPA 600
☒ _24_ TAT

	HOMO-GENEOUS AREA	MATERIAL DESCRIPTION:	TYPE: SURF MISC TSI	QUANTITY: SQ.FT. L.FT. EACH	SAMPLE LOCATION	HOMOGENEOUS AREA LOCATIONS
85	22	Caulking	misc			
86	"	"	"			
87	23	White coating	misc			
88	"	" "	"			
89	"	" "	"			
90	24	Texture, joint compound & wallboard	surf.		Attic	
91		" " " "	"		"	
92		" " " "	"		"	
93	25	wallboard	misc		Attic	
94		"	"		"	
95		"	"		"	
96	26	Texture, joint compound & wallboard	surf.		mechanical room	
97		" " " "	"		" "	
98		" " " "	"		" "	

Relinquished By: Jose S. Sandoval Date: 7-15-02 Time:

Received By: Date: Time:

SOUTNET
Environmental Services, LLC

CHAIN OF CUSTODY RECORD

3945 DONIPHAN PARK CIRCLE
SUITE F
EL PASO, TX 79922
TEL (915) 587-6900
FAX (915) 587-6913

DATE: 7-12-02

Client: WSMR
Address: Bldg. 21610
City/State/Zip:
Proj.Name/No.:
Client No.:
Time:

Proj.Mgr./Contact:
Phone No.: 587-6900
Fax No.: 587-6913
Insp./ Collector: Jose Sandoval

☒ ASBESTOS SAMPLING
☒ PLM EPA 600
☒ _24_ TAT

	HOMO-GENEOUS AREA	MATERIAL DESCRIPTION:	TYPE: SURF MISC TSI	QUANTITY: SQ.FT. L.FT. EACH	SAMPLE LOCATION	HOMOGENEOUS AREA LOCATIONS
99	27	Ceiling texture, wallboard & joint compound	surf		Mechanical room	
100	"	" " " " "	"		" "	
101	"	" " " " "	"		" "	
102	28	Texture, wallboard & joint compound	surf		Rm 17	
103	"	" " "	"		" "	
104	"	" " "	"		" "	
105	29	2x4 ceiling tiles (8)	misc		Hallway	
106	"	" " "	"		Rm 6	
107	"	" " "	"		Rm 9	
108	"	Texture, joint compound & wallboard	surf		Hallway	
109	"	" " " "	"		Hallway	
110	"	" " " "	"		Mens RR	
111	"	" " " "	"		Womens RR	
112	"	" " " "	"		Hallway	

Relinquished By: Jose [illegible] Date: 7-15-02 Time:

Received By: Date: Time:

SAITNET
Environmental Services, LLC

CHAIN OF CUSTODY RECORD

DATE: 7-12-02

3945 DONIPHAN PARK CIRCLE
SUITE F
EL PASO, TX 79922
TEL (915) 587-6900
FAX (915) 587-6913

Client: WSMR
Address: Box 21610
City/State/Zip:
Proj.Name/No.:
Client No.:
Time:

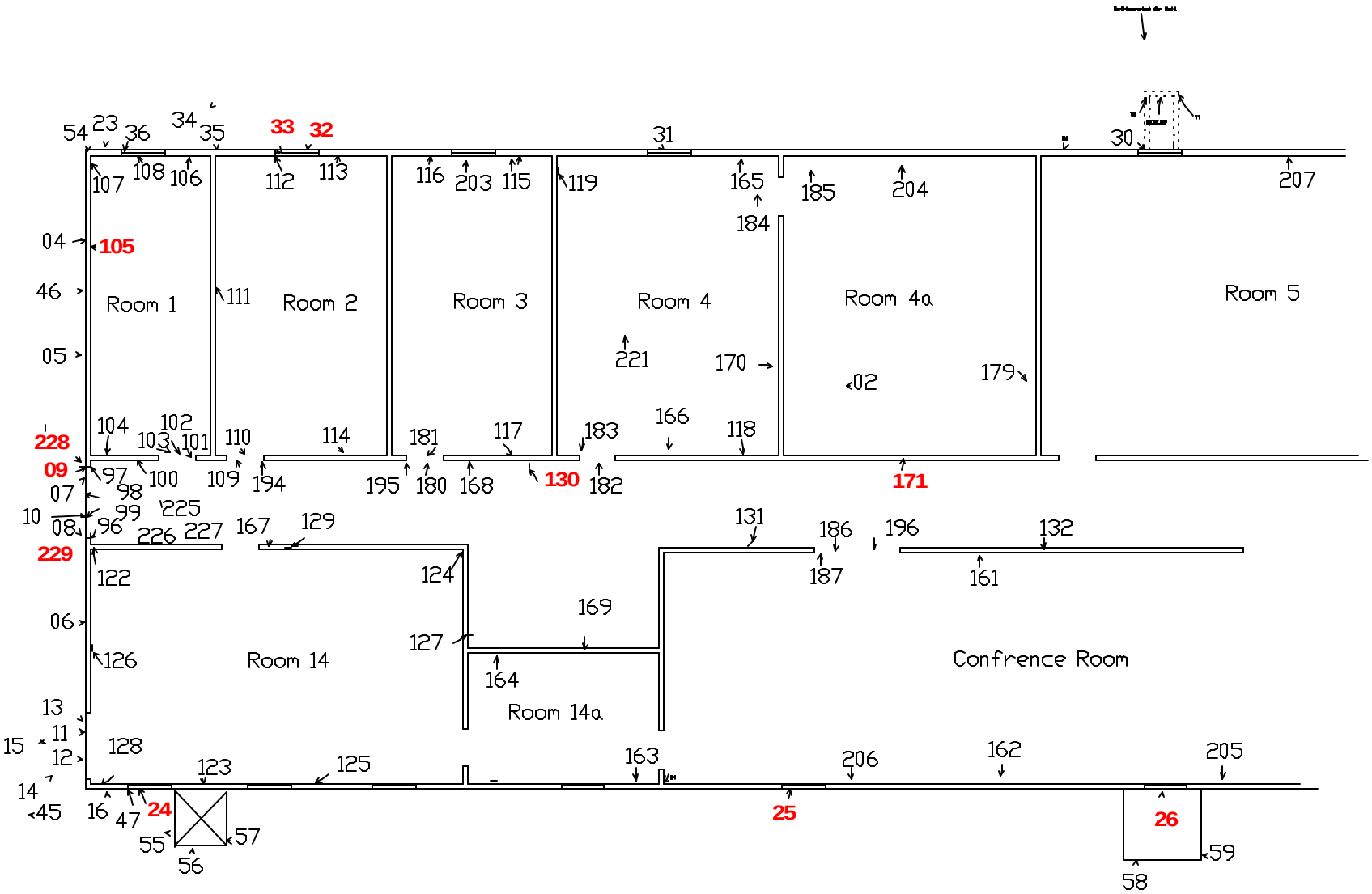
Proj.Mgr./Contact:
Phone No.: 587-6900
Fax No.: 587-6913
Insp./ Collector: Jose Saitnet

✖ ASBESTOS SAMPLING
✖ PLM EPA 600
✖ _24_ TAT

	HOMO-GENEOUS AREA	MATERIAL DESCRIPTION:	TYPE: SURF MISC TSI	QUANTITY: SQ.FT. L.FT. EACH	SAMPLE LOCATION	HOMOGENEOUS AREA LOCATIONS
113	10	Texture joint compound & wallboard	SURF			
114	"	" " " "	"		Conference room	
115	"	" " " "	"		Rm 3	
116	"	" " " "	"		Rm 5	
117	"	" " " "	"		Rm 7	
118	"	" " " "	"			
119	30	Insulation	MISC		Attic	
120	"	"	"		"	
121	"	"	"		"	

Relinquished By: Jose Saitnet
Date: 7-15-02
Time:
Received By:
Date:
Time:

Appendix B



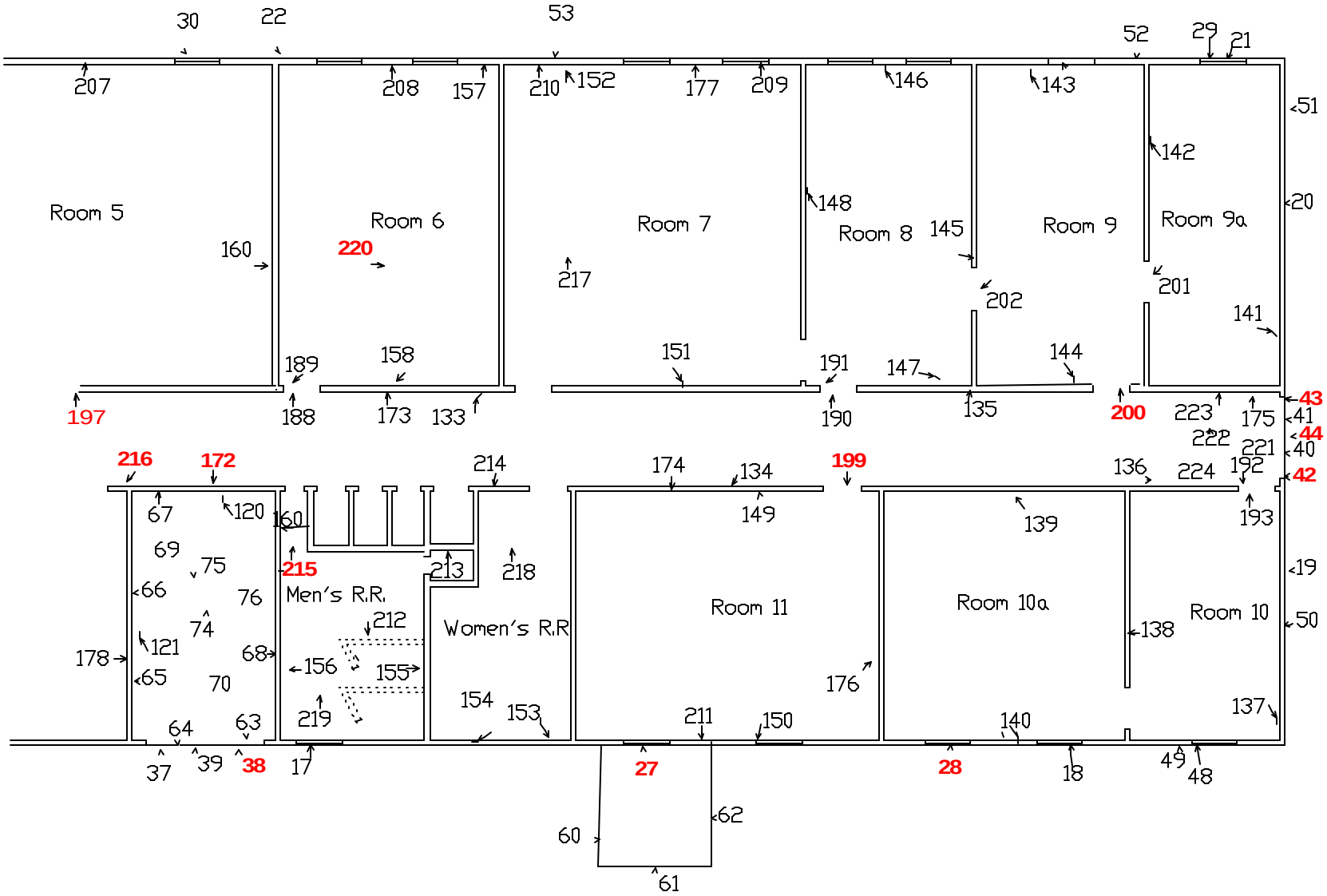
SafeNet
Environmental Services LLC
3945-F Doniphan Park Circle
El Paso, Texas 79922
(915) 587-6900

Lead Sample Locations
bldg 21610 North End
WSMR, NM

NORTH

SafeNet Environmental Services, LLC
3945-F Doniphan Park Circle
El Paso, TX 79922
(915) 587-6900

Consultant	Inspector:	
H T Jones	Jose Sandoval	
August 2, 2002	Rev Date:	Scale: NONE



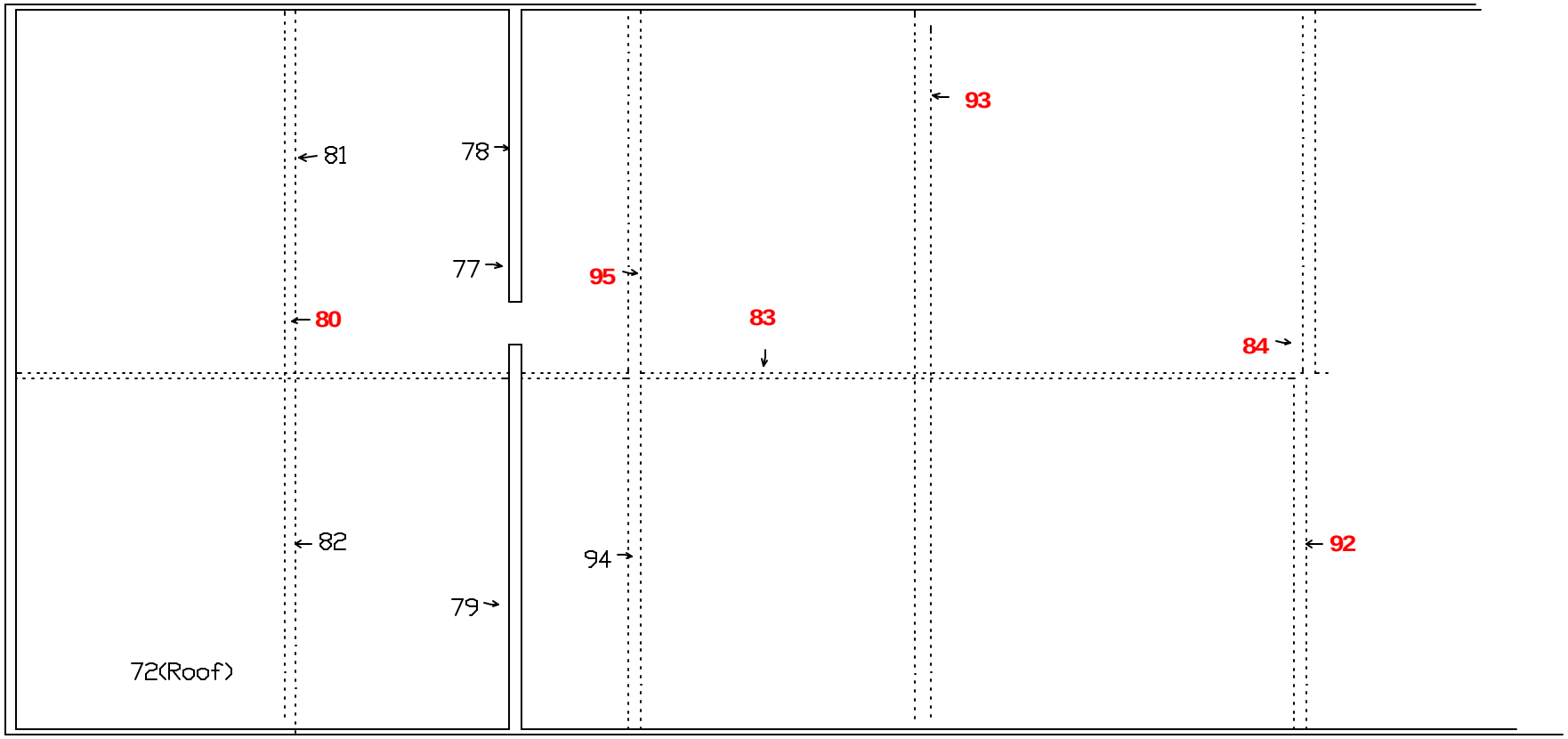
SafeNet
Environmental Services LLC
3945-F Doniphan Park Circle
El Paso, Texas 79922
(915) 587-6900

Lead Sample Locations
Bldg 21610 - South End
WSMR, NM

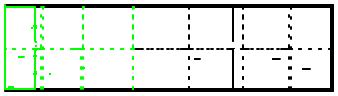
NORTH

SafeNet Environmental Services, LLC
3945-F Doniphan Park Circle
El Paso, TX 79922
(915) 587-6900

Consultant	Inspector:	
H T Jones	Jose Sandoval	
August 2, 2002	Rev Date:	Scale: NONE



#= Positive Lead Sample Locations



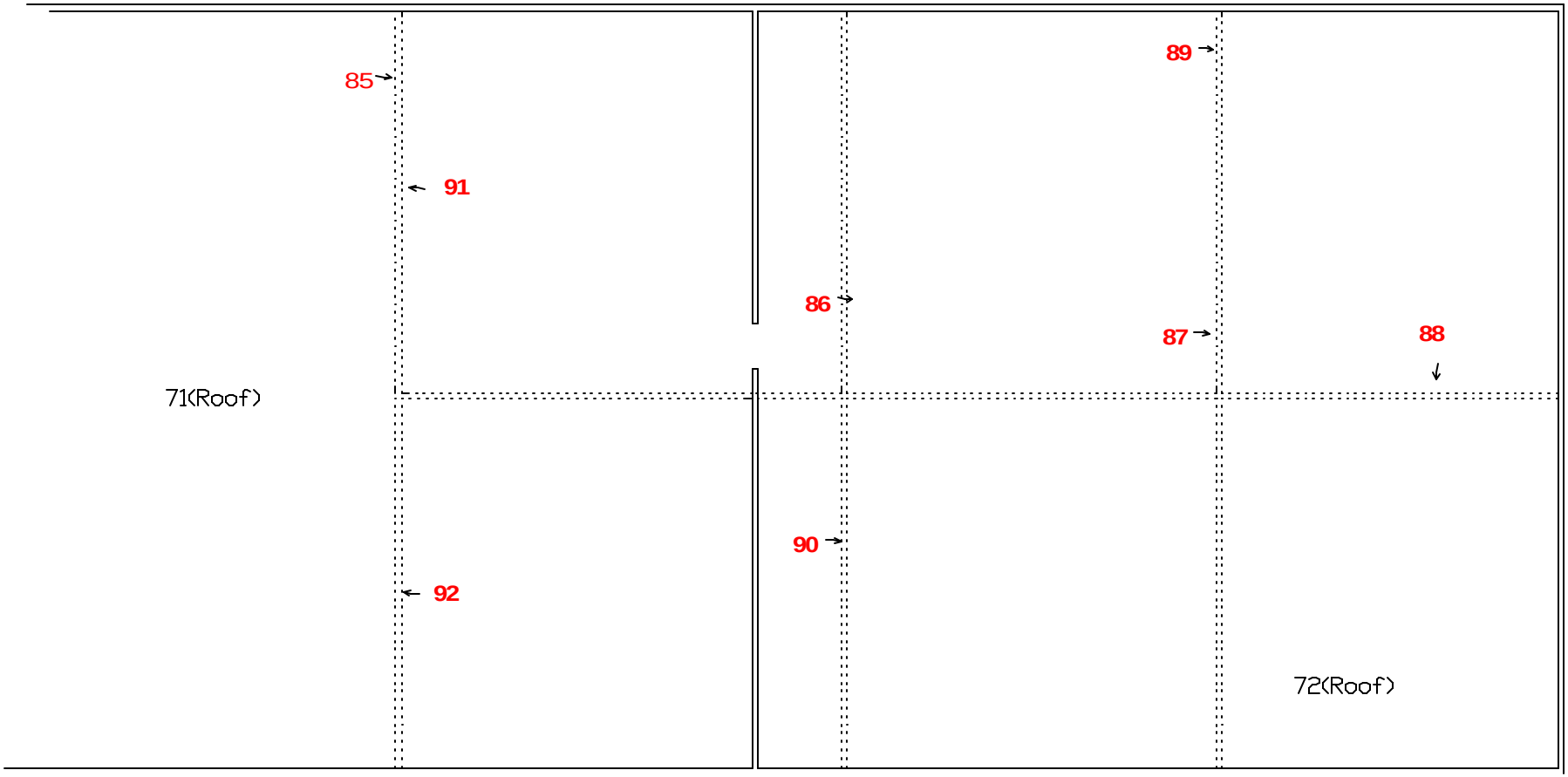
SafeNet
Environmental Services LLC
3945-F Doniphan Park Circle
El Paso, Texas 79922
(915) 587-6900

Lead Sample Locations
bldg 21610-Attic, North End
WSMR, NM

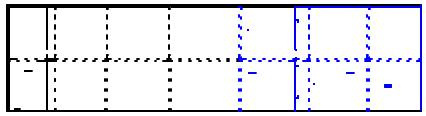
NORTH

SafeNet Environmental Services, LLC
3945-F Doniphan Park Circle
El Paso, TX 79922
(915) 587-6900

Consultant	Inspector:	
H T Jones	Jose Sandoval	
August 2, 2002	Rev Date:	Scale: NONE



= Positive Lead Locations



SafeNet
Environmental Services LLC
3945-F Doniphan Park Circle
El Paso, Texas 79922
(915) 587-6900

Lead Sample Locations
bldg 21610-Attic, South End
W.S.M.R., N.M.

NORTH

SafeNet Environmental Services, LLC
3945-F Doniphan Park Circle
El Paso, TX 79922
(915) 587-6900

Consultant	Inspector:	
H T Jones	Jose Sandoval	
August 2, 2002	Rev Date:	Scale: NONE

PAINT
Header:
Site: Buliding 21610
Date: 07/12/02
Ranges (NEG<INC<POS): Device PCS

No	Room	Strc	Sub	Feat	Cnd	Clr	Ssec	Res	Pbl	Pbl	Pbk	Pbk	Pbc	Pbc
1	Shutter Cal	1					47.6	...	NA	NA	NA			
2							3.2	NEG	0.32	0.21	-0.03	1.91	0.32	0.21
3							3.3	NEG	0.14	0.21	0.65	1.96	0.14	0.21
4	Outside	1 Ext Wall	Metal	Siding	Intact	Beige	3.2	NEG	0.02	0.04	0.88	1.78	0.02	0.04
5	Outside	1 Ext Wall	Metal	Siding	Intact	Beige	3.2	NEG	0.06	0.14	-1.7	1.96	0.06	0.14
6	Outside	1 Ext Wall	Metal	Siding	Intact	Beige	3.2	NEG	0.01	0.03	-0.34	1.68	0.01	0.03
7	Outside	1 Door	Metal	Door	Intact	Brown	3.2	NEG	0	0.04	0.07	1.72	0	0.04
8	Outside	1 Door	Metal	Door	Intact	Brown	3.2	NEG	0	0.05	0.12	1.89	0	0.05
9	**Outside**	**Door**	**Metal**	**Jamb**	**Intact**	**Brown**	**3.2**	**POS**	**0.41**	**0.27**	**-0.48**	**1.96**	**0.41**	**0.27**
10	Outside	1 Door	Metal	Header	Intact	Brown	4.8	NEG	0.01	0.03	-0.33	1.33	0.01	0.03
11	Outside	1 Door	Metal	Door	Intact	Brown	3.1	NEG	0.29	0.24	-1.17	1.81	0.29	0.24
12	Outside	1 Door	Metal	Door	Intact	Brown	3.1	NEG	0.21	0.13	-0.64	2.08	0.21	0.13
13	Outside	1 Door	Metal	Header	Intact	Brown	3.2	NEG	0.13	0.09	-0.06	1.94	0.13	0.09
15	Porch	1 Porch	Metal	Columns	Intact	Brown	3.1	NEG	0	0.04	0.72	2.25	0	0.04
16	Outside	1 Ext Wall	Metal	Siding	Intact	Beige	3.1	NEG	0.05	0.12	0.43	1.76	0.05	0.12
17	Outside	1 Ext Wall	Metal	Siding	Intact	Beige	3.2	NEG	0.04	0.1	-0.03	1.72	0.04	0.1
18	Outside	1 Ext Wall	Metal	Siding	Intact	Beige	3.1	NEG	0.11	0.28	0.21	1.76	0.11	0.28
19	Outside	1 Ext Wall	Metal	Siding	Intact	Beige	3.3	NEG	0	0.1	0.46	1.98	0	0.1
20	Outside	1 Ext Wall	Metal	Siding	Intact	Beige	3.2	NEG	0.03	0.09	-0.65	1.6	0.03	0.09
21	Outside	1 Ext Wall	Metal	Siding	Intact	Beige	3.2	NEG	0.07	0.17	-0.81	1.71	0.07	0.17
22	Outside	1 Ext Wall	Metal	Siding	Intact	Beige	3.1	NEG	0.03	0.07	0.1	1.71	0.03	0.07
23	Outside	1 Ext Wall	Metal	Siding	Intact	Beige	3.1	NEG	0.01	0.03	0.67	1.67	0.01	0.03
24	**Outside**	**Wnd.Grd.**	**Metal**	**Siding**	**Intact**	**Brown**	**7.7**	**POS**	**0.42**	**0.22**	**0.52**	**1.19**	**0.42**	**0.22**
25	**Outside**	**Wnd.Grd.**	**Metal**	**Siding**	**Intact**	**Brown**	**21.2**	**POS**	**1.05**	**0.16**	**0.9**	**0.78**	**1.05**	**0.16**
26	**Outside**	**Wnd.Grd.**	**Metal**	**Siding**	**Intact**	**Brown**	**5.5**	**POS**	**0.45**	**0.21**	**0.31**	**1.33**	**0.45**	**0.21**
27	**Outside**	**Wnd.Grd.**	**Metal**	**Siding**	**Intact**	**Brown**	**10**	**POS**	**0.59**	**0.19**	**0.71**	**1.13**	**0.59**	**0.19**
28	**Outside**	**Wnd.Grd.**	**Metal**	**Siding**	**Intact**	**Brown**	**21.2**	**POS**	**0.78**	**0.16**	**0.58**	**0.74**	**0.78**	**0.16**
29	Outside	1 Wnd.Grd.	Metal	Siding	Intact	Brown	3.3	NEG	0.01	0.23	-0.09	1.61	0.01	0.23
30	Outside	1 Wnd.Grd.	Metal	Siding	Intact	Brown	3.3	NEG	0	0.03	0	1.77	0	0.03

No	Room	Strc	Sub	Feat	Cnd	Clr	Ssec	Res	Pbl	Pbl	Pbk	Pbk	Pbc	Pbc
31	Outside	1 Wnd.Grd.	Metal	Siding	Intact	Brown	3.3	NEG	0	0.03	0.74	1.49	0	0.03
32	**Outside**	**Wnd.Grd.**	**Metal**	**Siding**	**Intact**	**Brown**	**12.2**	**POS**	**1.36**	**0.27**	**1.05**	**1.04**	**1.36**	**0.27**
33	**Outside**	**Wnd.Grd.**	**Metal**	**Siding**	**Intact**	**Brown**	**21.8**	**POS**	**1.09**	**0.15**	**1.8**	**0.7**	**1.09**	**0.15**
34	Outside	1 Unlisted	Metal	Siding	Intact	Brown	0.9	INCOM	0.01	0.05	-0.83	8.56	0.01	0.05
35	Outside	1 Unlisted	Metal	Siding	Intact	Brown	3.2	NEG	0	0.01	0.69	2.03	0	0.01
36	Outside	1 Unlisted	Metal	Siding	Intact	Brown	3.2	NEG	0	0.14	-0.34	2.13	0	0.14
37	Outside	1 Door	Metal	Door	Intact	Brown	9.6	NEG	0.6	0.17	0.31	1.04	0.6	0.17
38	**Outside**	**Door**	**Metal**	**Door**	**Intact**	**Brown**	**20.2**	**POS**	**0.88**	**0.14**	**0.85**	**0.67**	**0.88**	**0.14**
39	Outside	1 Door	Metal	Header	Intact	Brown	7.7	NEG	0.01	0.19	0.59	1.2	0.01	0.19
40	Outside	1 Door	Metal	Door	Intact	Brown	3.3	NEG	0	0.08	0.34	1.75	0	0.08
41	Outside	1 Door	Metal	Door	Intact	Brown	3.2	NEG	0	0.01	0.19	1.72	0	0.01
42	**Outside**	**Door**	**Metal**	**Jamb**	**Intact**	**Brown**	**5.4**	**POS**	**0.51**	**0.23**	**-0.49**	**1.57**	**0.51**	**0.23**
43	**Outside**	**Door**	**Metal**	**Jamb**	**Intact**	**Brown**	**16.9**	**POS**	**0.45**	**0.13**	**0.35**	**0.82**	**0.45**	**0.13**
44	**Outside**	**Door**	**Metal**	**Jamb**	**Intact**	**Brown**	**28.3**	**POS**	**1.1**	**0.21**	**0.78**	**0.62**	**1.1**	**0.21**
45	Outside	1 Ext Wall	Concrte	Foundation	Intact	Brown	10.2	NEG	0	0.01	-0.22	0.94	0	0.01
46	Outside	1 Ext Wall	Concrte	Foundation	Intact	Brown	12.5	NEG	0	0.01	-0.05	0.83	-0.05	0.83
47	Outside	1 Ext Wall	Concrte	Foundation	Intact	Brown	12.4	NEG	0	0.08	-0.21	0.83	-0.21	0.83
48	Outside	1 Ext Wall	Concrte	Foundation	Intact	Brown	10.1	INCOM	0	0.01	-0.04	0.96	0	0.01
49	Outside	1 Ext Wall	Concrte	Foundation	Intact	Brown	21.6	NEG	0.02	0.06	0.27	0.68	0.02	0.06
50	Outside	1 Ext Wall	Concrte	Foundation	Intact	Brown	17.1	NEG	0	0.05	-0.01	0.73	-0.01	0.73
51	Outside	1 Ext Wall	Concrte	Foundation	Intact	Brown	14.8	NEG	0	0.01	0.01	0.76	0.01	0.76
52	Outside	1 Ext Wall	Concrte	Foundation	Intact	Brown	12.4	NEG	0.01	0.04	-0.15	0.88	-0.15	0.88
53	Outside	1 Ext Wall	Concrte	Foundation	Intact	Brown	7.8	NEG	0.02	0.06	-0.41	1.14	0.02	0.06
54	Outside	1 Ext Wall	Concrte	Foundation	Intact	Brown	12.5	NEG	0.01	0.04	-0.2	0.85	-0.2	0.85
55	Outside	2 A/Cstand	Metal	Unlisted		Brown	3.2	NEG	0	0.1	-0.61	1.9	0	0.1
56	Outside	3 A/Cstand	Metal	Unlisted		Brown	3.1	NEG	0.01	0.08	1.38	1.95	0.01	0.08
57	Outside	4 A/Cstand	Metal	Unlisted		Brown	3.1	NEG	0	0.05	0.19	2.11	0	0.05
58	Outside	5 A/Cstand	Metal	Unlisted		Brown	3.2	NEG	0.02	0.32	0.21	2.09	0.02	0.32
59	Outside	6 A/Cstand	Metal	Unlisted		Brown	3.2	NEG	0.01	0.07	-0.44	2.17	0.01	0.07
60	Outside	4 A/Cstand	Metal	Unlisted		Brown	3.2	NEG	0	0.06	0.51	2.24	0	0.06
61	Outside	5 A/Cstand	Metal	Unlisted		Brown	5.4	NEG	0.01	0.16	0.09	1.31	0.01	0.16
62	Outside	6 A/Cstand	Metal	Unlisted		Brown	3.3	NEG	0.01	0.05	-0.48	2.03	0.01	0.05
63	MechRm.	Door	Metal	Door		Grey	5	NEG	0.37	0.19	0.89	1.43	0.37	0.19
64	MechRm.	Door	Metal	Door		Grey	4.8	NEG	0.28	0.12	0.25	1.5	0.28	0.12
65	MechRm.	Wall	Drywall	Midle Wall	Fair	Green	3.3	NEG	0.03	0.03	-0.59	1.41	0.03	0.03
66	MechRm.	Wall	Drywall	Midle Wall	Fair	Green	5.6	NEG	0.03	0.07	0.63	0.97	0.03	0.07

No	Room	Strc	Sub	Feat	Cnd	Clr	Ssec	Res	Pbl	Pbl	Pbk	Pbk	Pbc	Pbc
67	MechRm.	Wall	Drywall	Midle Wall	Fair	Green	5.6	NEG	0.08	0.2	-0.25	1.02	0.08	0.2
68	MechRm.	Wall	Drywall	Midle Wall	Fair	Green	5.6	NEG	0.12	0.27	0.06	1.09	0.12	0.27
69	MechRm.	Ceiling	Drywall	Midle Wall	Fair	Green	3.3	NEG	0.01	0.14	-0.84	1.58	0.01	0.14
70	MechRm.	Ceiling	Drywall	Midle Wall	Fair	Green	3.3	NEG	0.01	0.2	0.19	1.36	0.01	0.2
71	Roof	Porch	Metal	Ceiling	Fair	White	3.3	NEG	0.02	0.21	-0.62	1.67	0.02	0.21
72	Roof	Porch	Metal	Ceiling	Fair	White	7.9	NEG	0.01	0.03	0.53	0.94	0.01	0.03
73	Roof	Porch	Metal	Ceiling	Fair	White	3.1	NEG	0.05	0.16	-0.01	1.6	0.05	0.16
74	MechRm.	Furnace		Furnace	Fair	Silver	3.1	NEG	0.02	0.18	-0.2	2.13	0.02	0.18
75	MechRm.	Furnace		Furnace	Fair	Silver	5.1	NEG	0.03	0.23	0.33	1.24	0.03	0.23
76	MechRm.	Light	Metal		Intact		3.3	NEG	0.04	0.28	0.23	1.74	0.04	0.28
77	Attic	Wall	Drywall		Fair	Beige	5.6	NEG	0.08	0.13	-0.06	1.04	0.08	0.13
78	Attic	Wall	Drywall		Fair	Beige	8	NEG	0.16	0.23	0.12	0.8	0.16	0.23
79	Attic	Wall	Drywall		Fair	Beige	5.6	NEG	0.11	0.16	-0.52	0.98	0.11	0.16
80	**Attic**	**I Beam**	**Metal**	**Unlisted**	**Fair**	**Green**	**10.3**	**POS**	**0.59**	**0.24**	**0.58**	**1.05**	**0.59**	**0.24**
81	Attic	I Beam	Metal	Unlisted	Fair	Green	3.3	NEG	0.08	0.25	-0.66	2.12	0.08	0.25
82	Attic	I Beam	Metal	Unlisted	Fair	Green	3.2	NEG	0.03	0.05	-0.89	2.27	0.03	0.05
83	**Attic**	**I Beam**	**Metal**	**Unlisted**	**Fair**	**Green**	**16.2**	**POS**	**1.23**	**0.16**	**1.57**	**0.88**	**1.23**	**0.16**
84	**Attic**	**I Beam**	**Metal**	**Unlisted**	**Fair**	**Green**	**9.7**	**POS**	**1.44**	**0.25**	**1.98**	**1.21**	**1.44**	**0.25**
85	**Attic**	**I Beam**	**Metal**	**Unlisted**	**Fair**	**Green**	**11.8**	**POS**	**0.65**	**0.11**	**2.54**	**1.01**	**2.54**	**1.01**
86	**Attic**	**I Beam**	**Metal**	**Unlisted**	**Fair**	**Green**	**7.4**	**POS**	**0.59**	**0.16**	**0.11**	**1.46**	**0.59**	**0.16**
87	**Attic**	**I Beam**	**Metal**	**Unlisted**	**Fair**	**Green**	**14**	**POS**	**0.82**	**0.12**	**1.34**	**0.98**	**0.82**	**0.12**
88	**Attic**	**I Beam**	**Metal**	**Unlisted**	**Fair**	**Green**	**12.1**	**POS**	**1.27**	**0.21**	**0.94**	**1.05**	**1.27**	**0.21**
89	**Attic**	**I Beam**	**Metal**	**Unlisted**	**Fair**	**Green**	**21.6**	**POS**	**0.8**	**0.14**	**0.65**	**0.73**	**0.8**	**0.14**
90	**Attic**	**I Beam**	**Metal**	**Unlisted**	**Fair**	**Green**	**5.2**	**POS**	**0.74**	**0.11**	**0.62**	**1.61**	**0.74**	**0.11**
91	**Attic**	**I Beam**	**Metal**	**Unlisted**	**Fair**	**Green**	**20.7**	**POS**	**1.06**	**0.14**	**1.3**	**0.71**	**1.06**	**0.14**
92	**Attic**	**I Beam**	**Metal**	**Unlisted**	**Fair**	**Green**	**7.5**	**POS**	**1.72**	**0.32**	**3.2**	**1.41**	**1.72**	**0.32**
93	**Attic**	**I Beam**	**Metal**	**Unlisted**	**Fair**	**Green**	**3**	**POS**	**0.57**	**0.16**	**0.25**	**2.15**	**0.57**	**0.16**
94	Attic	I Beam	Metal	Unlisted	Fair	Green	5.1	NEG	0.17	0.13	-1.43	1.63	0.17	0.13
95	**Attic**	**I Beam**	**Metal**	**Unlisted**	**Fair**	**Green**	**14**	**POS**	**0.74**	**0.07**	**1.6**	**0.9**	**0.74**	**0.07**
96	Hall	Door	Metal	Door	Fair	Brown	3.2	NEG	0.01	0.16	-0.49	1.83	0.01	0.16
97	Hall	Door	Metal	Door	Fair	Brown	3.2	NEG	0	0.03	0.21	1.68	0	0.03
98	Hall	Door	Metal	Header	Fair	Brown	4.9	NEG	0	0.06	0.07	1.23	0	0.06
99	Hall	Door	Metal	Casing Rht	Fair	Brown	12.7	NEG	0	0.05	-0.08	0.82	-0.08	0.82
100	Hall	Wall	Drywall	Midle Wall	Fair	Beige	12.7	NEG	0	0	0.13	0.64	0.13	0.64
101	Rm. 1	Door	Wood	Casing Rht	Fair	Brown	3.2	NEG	0	0.1	-0.37	1.08	0	0.1
102	Rm. 1	Door	Wood	Header	Fair	Brown	3.2	NEG	0	0.1	0.67	1.17	0	0.1

No	Room	Strc	Sub	Feat	Cnd	Clr	Ssec	Res	Pbl	Pbl	Pbk	Pbk	Pbc	Pbc
103	Rm. 1	Door	Wood	Door	Fair	Brown	3.2	NEG	0	0.01	0.56	1.35	0	0.01
104	Rm. 1	Wall	Drywall	Midle Wall	Fair	Other	5.7	NEG	0	0.08	-0.35	1.04	0	0.08
105	**Rm. 1**	**Wall**	**Drywall**	**Midle Wall**	**Fair**	**Other**	**8**	**POS**	**0**	**0.01**	**-0.42**	**0.86**	**-0.42**	**0.86**
106	Rm. 1	Wall	Drywall	Midle Wall	Fair	Other	5.6	NEG	0	0.11	-0.82	1.06	0	0.11
107	Rm. 1	Wall	Wood	Baseboard	Fair	White	5.6	NEG	0	0.01	0.39	0.95	0	0.01
108	Rm. 1	Wall	Wood	Baseboard	Fair	White	5.5	NEG	0	0.01	0.07	0.95	0	0.01
110	Rm. 2	Door	Wood	Door	Fair	Brown	8	NEG	0	0.01	-0.05	0.62	-0.05	0.62
111	Rm. 2	Wall	Drywall	Midle Wall	Fair	Beige	8	NEG	0.03	0.07	0.51	0.85	0.03	0.07
112	Rm. 2	Wall	Drywall	Midle Wall	Fair	Beige	15	NEG	0	0.01	0.14	0.61	0.14	0.61
113	Rm. 2	Wall	Wood	Baseboard	Fair	Brown	5.5	NEG	0	0.01	0.64	0.98	0	0.01
114	Rm. 2	Wall	Wood	Baseboard	Fair	Brown	5.5	NEG	0	0.01	-0.46	0.93	0	0.01
115	Rm.3	Wall	Wood	Radiator	Fair	Brown	12.8	NEG	0.05	0.16	-0.31	0.92	-0.31	0.92
116	Rm.3	Wall	Drywall	Midle Wall	Fair	Beige	5.6	NEG	0.04	0.33	-0.26	1.03	0.04	0.33
117	Rm.3	Wall	Drywall	Midle Wall	Fair	Beige	10.3	NEG	0.16	0.21	-0.43	0.67	0.16	0.21
118	Rm.4	Wall	Wood	Baseboard	Fair	Brown	5.5	NEG	0	0.01	-0.08	0.86	0	0.01
119	Rm.4	Wall	Wood	Baseboard	Fair	Brown	5.5	NEG	0	0.01	-0.58	0.91	0	0.01
120	Mech. Rm.	Floor	Concrte		Intact	Grey	17.4	NEG	0	0.04	-0.14	0.7	-0.14	0.7
121	Mech. Rm.	Floor	Concrte		Intact	Grey	5.6	NEG	0	0.01	0.12	1.41	0	0.01
122	Rm. 14	Wall	Drywall	Midle Wall	Fair	Blue	8	NEG	0.01	0.12	-0.36	0.82	-0.36	0.82
123	Rm. 14	Wall	Drywall	Midle Wall	Fair	Blue	8	NEG	0	0.01	0.37	0.8	0	0.01
124	Rm. 14	Wall	Drywall	Midle Wall	Fair	Blue	5.6	NEG	0	0.07	-0.54	0.9	0	0.07
125	Rm. 14	Wall	Drywall	Midle Wall	Fair	Blue	5.6	NEG	0	0.07	-0.05	0.95	0	0.07
126	Rm. 14	Wall	Wood	Baseboard	Fair	White	5.5	NEG	0	0.01	-0.82	1.34	0	0.01
127	Rm. 14	Wall	Wood	Baseboard	Fair	White	5.4	NEG	0	0.01	0.02	0.98	0	0.01
128	Rm. 14	Wall	Wood	Baseboard	Fair	White	5.5	NEG	0	0.01	0.14	0.99	0	0.01
129	Hall	Wall	Drywall	Midle Wall	Fair	Beige	5.6	NEG	0	0.06	0.31	1.02	0	0.06
130	**Hall**	**Wall**	**Drywall**	**Midle Wall**	**Fair**	**Beige**	**10.3**	**POS**	**0**	**0.01**	**-0.44**	**0.71**	**-0.44**	**0.71**
131	Hall	Wall	Drywall	Midle Wall	Fair	Beige	8	NEG	0.02	0.13	-0.35	0.86	0.02	0.13
132	Hall	Wall	Drywall	Midle Wall	Fair	Beige	8	NEG	0.11	0.29	-0.29	0.88	0.11	0.29
133	Hall	Wall	Drywall	Midle Wall	Fair	Beige	8	NEG	0.21	0.23	-0.64	0.8	0.21	0.23
134	Hall	Wall	Drywall	Midle Wall	Fair	Beige	8	NEG	0.05	0.27	0.47	0.83	0.05	0.27
136	Hall	Wall	Drywall	Midle Wall	Fair	Beige	5.6	NEG	0	0.01	-0.22	0.85	0	0.01
137	Rm.10	Wall	Drywall	Midle Wall	Fair	Beige	5.6	NEG	0.04	0.3	0.45	1.05	0.04	0.3
138	Rm.11	Wall	Drywall	Midle Wall	Fair	Beige	12.7	NEG	0.21	0.23	0.15	0.67	0.15	0.67
139	Rm.10a	Wall	Drywall	Midle Wall	Fair	Beige	10.3	NEG	0	0	-0.4	0.71	-0.4	0.71

No	Room	Strc	Sub	Feat	Cnd	Clr	Ssec	Res	Pbl	Pbl	Pbk	Pbk	Pbc	Pbc
140	Rm.10a	Wall	Drywall	Midle Wall	Fair	Beige	8	NEG	0.05	0.18	0	0.84	0.05	0.18
141	Rm. 9a	Wall	Drywall	Midle Wall	Fair	Beige	8	NEG	0.02	0.18	-0.34	0.84	0.02	0.18
142	Rm. 9a	Wall	Drywall	Midle Wall	Fair	Beige	5.6	NEG	0.01	0.02	0.49	1.05	0.01	0.02
143	Rm. 9	Wall	Drywall	Midle Wall	Fair	Beige	12.7	NEG	0	0.07	0.16	0.57	0.16	0.57
144	Rm. 9	Wall	Drywall	Midle Wall	Fair	Beige	10.3	NEG	0	0.01	-0.19	0.75	-0.19	0.75
145	Rm. 8	Wall	Drywall	Midle Wall	Fair	Beige	5.6	NEG	0	0.01	-0.16	0.98	0	0.01
146	Rm. 8	Wall	Drywall	Midle Wall	Fair	Beige	12.7	NEG	0	0.01	0.01	0.61	0.01	0.61
147	Rm. 8	Wall	Drywall	Midle Wall	Fair	Beige	5.6	NEG	0.23	0.38	0.31	0.85	0.23	0.38
148	Rm. 8	Wall	Drywall	Midle Wall	Fair	Beige	17.4	NEG	0.17	0.19	0.07	0.58	0.07	0.58
149	Rm. 11	Wall	Drywall	Midle Wall	Fair	Beige	12.7	NEG	0.26	0.23	0.18	0.62	0.18	0.62
150	Rm. 11	Wall	Drywall	Midle Wall	Fair	Beige	5.6	NEG	0.01	0.1	0.21	1.1	0.01	0.1
151	Rm. 7	Wall	Drywall	Midle Wall	Fair	Beige	7.9	NEG	0.04	0.25	-0.29	0.78	0.04	0.25
152	Rm. 7	Wall	Drywall	Midle Wall	Fair	Beige	10.3	NEG	0.21	0.23	-0.19	0.76	-0.19	0.76
153	W.R.R.	Wall	Drywall	Midle Wall	Fair	Beige	10.3	NEG	0.14	0.36	-0.39	0.74	0.14	0.36
154	W.R.R.	Wall	Drywall	Midle Wall	Fair	Beige	7.8	NEG	0.05	0.21	0.79	0.75	0.05	0.21
155	M.R.R.	Wall	Drywall	Midle Wall	Fair	Beige	5.6	NEG	0.09	0.43	0.81	0.94	0.09	0.43
156	M.R.R.	Wall	Drywall	Midle Wall	Fair	Beige	12.6	NEG	0.05	0.11	0.17	0.64	0.17	0.64
157	Rm.6	Wall	Drywall	Midle Wall	Fair	Beige	12.7	NEG	0.08	0.18	0.1	0.66	0.1	0.66
158	Rm.6	Wall	Drywall	Midle Wall	Fair	Beige	12.6	NEG	0.04	0.14	-0.08	0.68	-0.08	0.68
159	Rm.5	Wall	Drywall	Midle Wall	Fair	Beige	12.6	NEG	0.08	0.22	0.1	0.67	0.1	0.67
160	Rm.5	Wall	Drywall	Midle Wall	Fair	Beige	15	NEG	0.09	0.18	-0.08	0.62	-0.08	0.62
161	Conf.Rm.	Wall	Drywall	Midle Wall	Fair	Beige	10.3	NEG	0.08	0.21	0.15	0.77	0.08	0.21
162	Conf.Rm.	Wall	Drywall	Midle Wall	Fair	Beige	17.4	NEG	0.14	0.26	0.23	0.55	0.14	0.26
163	Rm.14a	Wall	Drywall	Midle Wall	Fair	Beige	10.3	NEG	0	0	-0.38	0.65	-0.38	0.65
164	Rm.14a	Wall	Drywall	Midle Wall	Fair	Beige	10.3	NEG	0	0.01	-0.2	0.65	-0.2	0.65
165	Rm.4	Wall	Drywall	Midle Wall	Fair	Beige	5.5	NEG	0	0.01	-0.19	0.96	0	0.01
166	Rm.4	Wall	Drywall	Midle Wall	Fair	Beige	8	NEG	0	0.01	0.19	0.85	0	0.01
167	Hall	Wall	Drywall	Midle Wall	Fair	Beige	5.6	NEG	0	0.07	-0.01	0.95	0	0.07
168	Hall	Wall	Wood	Baseboard	Fair	Brown	5.5	NEG	0	0.01	0.36	0.87	0	0.01
169	Hall	Wall	Wood	Baseboard	Fair	Brown	7.8	NEG	0.25	0.27	0.55	0.79	0.25	0.27
170	Rm. 4	Wall	Wood	Baseboard	Fair	Brown	5.5	NEG	0	0.06	0.49	0.88	0	0.06
171	**Hall**	**Wall**	**Wood**	**Baseboar**	**Fair**	**Brown**	**3.2**	**POS**	**0.42**	**0.49**	**0.81**	**1.47**	**0.42**	**0.49**
172	**Hall**	**Wall**	**Wood**	**Baseboar**	**Fair**	**Brown**	**12.4**	**POS**	**0.57**	**0.29**	**1.5**	**0.67**	**0.57**	**0.29**
173	Hall	Wall	Wood	Baseboard	Fair	Brown	5.5	NEG	0.13	0.35	-0.24	0.93	0.13	0.35
174	Hall	Wall	Wood	Baseboard	Fair	Brown	5.5	NEG	0.18	0.18	0.08	0.98	0.18	0.18

No	Room	Strc	Sub	Feat	Cnd	Clr	Ssec	Res	Pbl	Pbl	Pbk	Pbk	Pbc	Pbc
175	Hall	Wall	Wood	Baseboard	Fair	Brown	10.1	NEG	0.19	0.17	0.01	0.69	0.19	0.17
176	Rm.11	Wall	Wood	Baseboard	Fair	Brown	3.2	NEG	0.18	0.29	-0.22	1.18	0.18	0.29
177	Rm.7	Wall	Wood	Baseboard	Fair	Brown	5.6	NEG	0.06	0.28	0.31	0.91	0.06	0.28
178	Conf.Rm.	Wall	Wood	Baseboard	Fair	Brown	3.2	NEG	0.05	0.35	-0.03	1.43	0.05	0.35
179	Rm. 4a	Wall	Wood	Baseboard	Fair	Brown	10.3	INCOM	0.14	0.21	-0.07	0.82	0.14	0.21
180	Rm. 3	Wall	Wood	Baseboard	Fair	Brown	5.5	NEG	0	0.08	0.37	0.95	0	0.08
181	Rm. 3	Door	Wood	Door	Fair	Brown	3.2	NEG	0	0.02	0.23	1.54	0	0.02
182	Rm. 4	Door	Wood	Door	Fair	Brown	5.5	NEG	0	0.01	-0.67	1	0	0.01
183	Rm. 4	Door	Wood	Door	Fair	Brown	3.2	NEG	0	0.13	-0.42	1.64	0	0.13
184	Rm. 4a	Door	Wood	Door	Fair	Brown	3.2	NEG	0	0.01	-0.05	1.24	0	0.01
185	Rm. 4a	Door	Wood	Door	Fair	Brown	3.2	NEG	0	0.01	-0.43	1.32	0	0.01
186	Conf.Rm.	Door	Wood	Door	Fair	Brown	3.2	NEG	0	0.01	0.05	1.33	0	0.01
187	Conf.Rm.	Door	Wood	Door	Fair	Brown	3.2	NEG	0	0.02	0.4	1.25	0	0.02
188	Rm.6	Door	Wood	Door	Fair	Brown	3.2	NEG	0	0.12	-0.12	1.14	0	0.12
189	Rm.6	Door	Wood	Door	Fair	Brown	5.5	NEG	0	0.01	-0.01	0.9	0	0.01
190	Rm.8	Door	Wood	Door	Fair	Brown	3.2	NEG	0	0.12	-0.17	1.24	0	0.12
191	Rm.8	Door	Wood	Door	Fair	Brown	3.2	NEG	0	0.09	-0.67	1.41	0	0.09
192	Rm.10	Door	Wood	Door	Fair	Brown	3.2	NEG	0	0.11	-1.05	1.52	0	0.11
193	Rm.10	Door	Wood	Door	Fair	Brown	3.2	NEG	0	0.11	0.39	1.33	0	0.11
194	Rm.2	Door	Wood	Door	Fair	Brown	3.2	NEG	0	0.12	0.43	1.42	0	0.12
195	Rm.3	Door	Wood	Casing Lft	Fair	Brown	3.2	NEG	0	0.11	0.07	1.27	0	0.11
196	Cnfr.Rm.	Door	Wood	Casing Lft	Fair	Brown	3.2	NEG	0.12	0.38	0.38	1.09	0.12	0.38
197	**Rm.5**	**Door**	**Wood**	**Casing Lft**	**Fair**	**Brown**	**21.7**	**POS**	**0.77**	**0.37**	**0.43**	**0.5**	**0.77**	**0.37**
198	M.R.R.	Door	Wood	Casing Lft	Fair	Brown	7.8	NEG	0.26	0.3	-0.17	0.81	0.26	0.3
199	**Rm.11**	**Door**	**Wood**	**Casing Lft**	**Fair**	**Brown**	**21.8**	**POS**	**0.62**	**0.29**	**0.92**	**0.49**	**0.62**	**0.29**
200	**Rm.9**	**Door**	**Wood**	**Casing Lft**	**Fair**	**Brown**	**12.5**	**POS**	**0.88**	**0.63**	**0.06**	**0.67**	**0.88**	**0.63**
201	Rm.9a	Door	Wood	Casing Lft	Fair	Brown	3.2	NEG	0	0.1	0.15	1.07	0	0.1
202	Rm.9	Door	Wood	Casing Lft	Fair	Brown	3.2	NEG	0.09	0.26	0.09	1.31	0.09	0.26
203	Rm.3	Heater	Metal	Casing Lft	Fair	Brown	3.2	NEG	0	0.01	-0.22	1.15	0	0.01
204	Rm.4a	Heater	Metal	Radiator	Intact	Beige	5.7	NEG	0.13	0.41	1.31	1.4	0.13	0.41
205	Conf.Rm.	Heater	Metal	Radiator	Intact	Beige	10.4	NEG	0.28	0.41	0.5	1.01	0.28	0.41
206	Conf.Rm.	Heater	Metal	Radiator	Intact	Beige	12.7	NEG	0.03	0.18	-0.27	0.88	-0.27	0.88
207	Rm. 5	Heater	Metal	Radiator	Intact	Beige	19.7	NEG	0.13	0.24	0.05	0.68	0.05	0.68
208	Rm. 6	Heater	Metal	Radiator	Intact	Beige	3.3	NEG	0.09	0.31	0.75	1.82	0.09	0.31
209	Rm. 7	Heater	Metal	Radiator	Intact	Beige	19.7	NEG	0.1	0.13	0.13	0.67	0.13	0.67

No	Room	Strc	Sub	Feat	Cnd	Clr	Ssec	Res	Pbl	Pbl	Pbk	Pbk	Pbc	Pbc
210	Rm. 7	Heater	Metal	Radiator	Intact	Beige	22.1	NEG	0.08	0.1	0.16	0.63	0.08	0.1
211	Rm. 11	Heater	Metal	Radiator	Intact	Beige	3.3	NEG	0.02	0.09	0.1	2.03	0.02	0.09
212	R.R.Stall	Heater	Metal	Radiator	Intact	Beige	3.3	NEG	0.01	0.22	-0.05	2.09	0.01	0.22
213	Shower	Shower	Metal	Unlisted	Intact	Beige	3.3	NEG	0.04	0.25	-0.63	1.74	0.04	0.25
214	Hall	Casing	Metal	Unlisted	Intact	Beige	3	NEG	0.01	0.05	0.31	1.68	0.01	0.05
215	Hall	FireExtng	Metal	Unlisted	Intact	Beige	5.4	NEG	0.23	0.07	1.52	1.37	0.23	0.07
216	RestRoom	**TrashCan**	**Metal**	**Unlisted**	**Intact**	**Beige**	**2.9**	**POS**	**5**		**7.61**	**4.55**	**5.1**	**1.61**
217	RestRoom	TrashCan	Metal	Unlisted	Intact	Beige	3.2	NEG	0.38	0.21	1.06	2.16	0.38	0.21
218	Hall	Wall	Drywall	Wall Upr	Fair	Black	3.3	NEG	0.02	0.05	0.04	1.37	0.02	0.05
219	Hall	Ceiling	Drywall		Fair	Beige	8	NEG	0.11	0.16	-0.54	0.87	0.11	0.16
220	**Rm. 6**	**Ceiling**	**Drywall**		**Fair**	**Beige**	**10.3**	**POS**	**0.05**	**0.08**	**-0.53**	**0.76**	**-0.53**	**0.76**
221	Hall	Ceiling	Drywall		Fair	Beige	5.6	NEG	0	0.09	-1.15	1.01	0	0.09
222	Hall	Door	Metal	Door	Fair	Brown	3.2	NEG	0	0.03	-0.28	2.18	0	0.03
223	Hall	Door	Metal	Door	Fair	Brown	3.2	NEG	0	0.01	-0.34	2.07	0	0.01
224	Hall	Door	Metal	Door	Fair	Brown	3.2	NEG	0.01	0.17	-0.14	1.82	0.01	0.17
225	Hall	Door	Metal	Door	Fair	Brown	3.2	NEG	0	0.05	0.76	1.73	0	0.05
226	Hall	Door	Metal	Door	Fair	Brown	5.5	NEG	0.5	0.23	0.99	1.44	0.5	0.23
227	Hall	Door	Metal	Door	Fair	Brown	5.7	NEG	0.04	0.18	-0.4	1.11	0.04	0.18
228	**Hall**	**Door**	**Metal**	**Door**	**Fair**	**Brown**	**21.1**	**POS**	**1.17**	**0.15**	**1.18**	**0.72**	**1.17**	**0.15**
229	**Hall**	**Door**	**Metal**	**Door**	**Fair**	**Brown**	**10.2**	**POS**	**0.71**	**0.63**	**-0.16**	**0.67**	**0.71**	**0.63**
230	Calibrate						3.2	NEG	0.27	0.09	0.25	1.37	0.27	0.09
231	Calibrate						7.8	NEG	0.31	0.25	-0.64	0.96	0.31	0.25

Appendix C

Scientific Laboratories of California, Inc.
24416 South Main Street, Suite 308
Carson, California 90745
Telephone: (310) 834-4868 Fax: (310) 834-4772

SciLab Work Order #: 20020700062
Project Name:
Client Project #: 2N251
Job Location:
Project Manager:
Project Tel #:
Project Fax #:

Customer: SafeNet Environmental LLC
3945 Doniphan Park Circle
Suite F
El Paso, TX 79922
Attention: Mr. David Morales
Tel #: (915) 587-6900
Fax #: (915) 587-6913

Sample: 001 21160
Sampling Date: 7/11/02 Time: 0:00 Receive Date: 7/19/02 Time: 9:55
Matrix: SOLID

Parameter	Method	Results	PQL	Units	Analyst	Analysis Date
TCLP RCRA 8 METALS, ICP					MP	7/27/02
Arsenic, TCLP, ICP	ICP, SW-846 Method 6010B	<1	1	mg/L	MP	7/27/02
Barium, TCLP, ICP	ICP, SW-846, 6010B	0.83	0.5	mg/L	MP	7/27/02
Cadmium, TCLP, ICP	ICP, SW-846 Method 6010B	<0.2	0.2	mg/L	MP	7/27/02
Chromium, TCLP, ICP	ICP, SW-846 Method 6010B	<0.5	0.5	mg/L	MP	7/27/02
Lead, TCLP, ICP	ICP, SW-846 Method 6010B	<1	1	mg/L	MP	7/27/02
Mercury, TCLP, Cold Vapor	AA, SW-846 Method 7470	<0.006	0.006	mg/L	MP	7/27/02
Selenium, TCLP, ICP	ICP, SW-846 Method 6010B	<1	1	mg/L	MP	7/27/02
Silver, TCLP, ICP	ICP, SW-846 Method 6010B	<0.2	0.2	mg/L	MP	7/27/02
Mercury water prep.	EPA Methods 245.1	07/26/2002		DATE	MP	7/27/02
TCLP Extraction	EPA SW-846 Method 1311	07/24/2002		DATE	MP	7/27/02

*** (SU) = Surrogate QC, it is reported in percent recovery.
PQL = Minimum Practical Quantify Limit.

Jick J. Chen, Laboratory Director

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07-062

CHAIN OF CUSTODY RECORD

SCILAB

SCIENTIFIC LABORATORIES OF CALIFORNIA
24416 S. MAIN ST. SUITE 308
CARSON, CA 90745
Tel (310)834-4868 Fax (310)834-4772

Company: SAFENET
3945(F) DONIPHAN PARK CIR.
EL PASO, TX 79922
Contact Person: DAVID MORALES
Tel (915) 587-6900 Fax (915) 587-6913
P.O. #
Project # 2N251
Sampling Location

SAMPLE TYPE:
WW = waste water
GW = ground water
DW = drinking water
SO = soil SD = solid
SL = sludge A = air
O = other

CONTAINER TYPE
G = glass V = vom vial
P = plastic C = core

Cooler temperature upon receipt _____

ANALYSIS REQUESTED

SCILAB #	CLIENT SAMPLE ID.	SAMPLE TYPE	CONTAINER #	CONTAINER type	CONTAINER preservative	SAMPLING INFORMATION date	SAMPLING INFORMATION time	SAMPLING INFORMATION sampler ind.	Sample pH at Receipt	TCLP RCRA (8) METALS	Sample Note
	21160	SD		P	NA	07-18-02	NA			X	

Sampled By: JOSE SANDOVAL	Date: 7-18-02	Received By:	Date: 7/19	SPECIAL INSTRUCTIONS:	
	Time:		Time: 9:55		
Relinquished By:	Date:	Received By:	Date:		
	Time:		Time:	☑ REGULAR TAT (3 Business days)	
Relinquished By:	Date:	Received By:	Date:	☐ RUSH DUE DATE AND TIME :	
	Time:		Time:		