



Adelaide Environmental Health Associates, Inc.

**COMPREHENSIVE SURVEY FOR ASBESTOS CONTAINING
MATERIALS**

PERFORMED AT:

**Building 5
Veterans Affairs Medical Center
1970 Roanoke Blvd
Salem, Virginia 24153
Adelaide Project No. VAMC: 10079.00-IN**

PREPARED FOR:

**Department of Veterans Affairs
Veterans Affairs Medical Center
1970 Roanoke Blvd
Salem, Virginia 24153**

PREPARED BY:

**Adelaide Environmental Health Associates, Inc.
1511 Route 22, Suite C24
Brewster, New York 10509**

DATED:

July 24, 2010

Submitted by:

**Stephanie A. Soter
President**

COMPREHENSIVE SURVEY FOR ASBESTOS CONTAINING MATERIALS

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1.0 BACKGROUND/PURPOSE

Adelaide Environmental Health Associates, Inc. (Adelaide) was retained by The Department of Veterans Affairs Medical Center to conduct a comprehensive asbestos containing material (ACM) survey at the VA Medical Center (VAMC) in Salem, Virginia. This survey was based on the terms and conditions of Adelaide's proposal: VA-246-10-RQ-0293, dated April 19th, 2010. The survey was performed to meet the needs of the VAMC to have a room by room inspection of each building owned and operated by the facility, so it can be determined which rooms are asbestos free and which rooms have ACM. All interior and exterior accessible spaces were inspected for the presence of friable and non-friable ACM. Inspection activities conform to the requirements of the Environmental Protection Agency (EPA) Asbestos Hazard Emergency Response Act (AHERA) (40 CFR Part 763), OSHA, all other state, local and VA requirements. Adelaide met with Cary Schiltz, the VAMC Industrial Hygienist, and discussed building history; reviewed asbestos abatement projects and the most recent asbestos survey performed in the facility. This asbestos inspection report provided by the VAMC contained limited sample results for each building at the Salem VAMC. Adelaide was able to utilize this report to reduce the amount of redundant sampling but also to allow a thorough room by room three (3) year AHERA asbestos survey, as required by VAMC. Additional sampling was performed in areas in order to provide the VAMC with the most up to date comprehensive survey of each building on the property. The asbestos survey was performed from June 7 – 18, 2010 by Adelaide representative James Reber and Tom Ferro (certified asbestos inspectors).

2.0 EXECUTIVE SUMMARY OF INSPECTION RESULTS

Building 5 is located on the VAMC campus located at 1970 Roanoke Blvd, Salem, Virginia 24153. It is a two story structure with a Basement and Attic, constructed of brick and built circa 1934. Following the scope of work that was provided from the VAMC, Adelaide inspected all accessible areas of Building 5. At the request of Cary Schiltz of Salem VAMC, no roof testing was conducted which could jeopardize water tightness and integrity; therefore all roofing materials are assumed asbestos containing materials until testing can prove otherwise. Adelaide collected forty-seven (47) asbestos samples from the above-mentioned areas. Based on the results of Adelaide's asbestos survey and the limited survey and sample results provided by the facility, the following building materials were found to contain asbestos and are represented in the following Table 2.0 – Summary of Asbestos Containing Materials. All materials which tested negative for asbestos can be found in the Negative Material List. Refer to Appendix A for the Tabular List of Positive Materials by Room, which assesses the condition of each ACM as found at the time of this survey.

Table 2.0 - Summary of Asbestos Containing Materials

Material	Approximate Quantity	Location of Material	Asbestos Content and Type
Samples Taken by Adelaide Environmental			
Mud Fittings on LP Steam Supply (On Fiberglass)	24 LF	Rooms 2, 3b and 3J	10 % Chrysotile
Black Mastic for 12x12 Cream with Brown Streaks Tile	869 SF	Rooms 6A,100C,100E, 101A, 102,104C and 200	3 % Chrysotile
Glue for Spike Hangers attached to concrete Ceiling	100 SF	Corridor near Room 2E (Assume on all Concrete Ceilings)	3 % Chrysotile
Glue Pucks Attached to Ceiling (From older 1x1 Ceiling Tiles)	362 SF	Room 6A, 106B and 200	3 % Chrysotile
Black Kitchen Counter Top	80 SF	Room 103	15 % Chrysotile
Fibrous Cardboard Type Back on Recessed Ceiling Lights	25 SF	100, 100A, 100F, 102A, 106 and 106A	25 % Chrysotile
Electrical Wiring for Spot Lights (White)	600 LF	Above Auditorium Ceiling (Room 211A)	30 % Chrysotile
MAG Pipe Insulation	128 LF*	Rooms 1J, 3J, 100, 100D, 101, 101A and 106A	Assume Positive Due to Previous Sampling
Air Cell Pipe Insulation	8 LF*	Room 101	Assume Positive
Samples Taken By Applied Laboratory Service (ALS) in 2002			
9x9 Red Floor Tile	500 SF	Hallways 211,212	15 % Chrysotile
9x9 Black Floor Tile	60 SF	Hallways 211,212 (Tiles are the border only)	15 % Chrysotile

*Quantity observed

Based on our field observations, asbestos containing pipe insulation may be present within walls, above plaster ceilings and inside enclosed pipe chases.

Positive Homogenous Material List

The following is a list of the homogenous areas that tested positive during this inspection:

- #3 – Mud Fitting on LP Steam Supply
- #6 – Floor Tile Mastic For 12"x12" Cream w/ Brown Streaks Floor Tile
- #7 – Glue for spike hangers attached to concrete ceiling
- #8 – Glue pucks attached to ceiling(From older 1'x1' Ceiling Tiles)
- #9 – Black Kitchen counter top
- #10 – Fibrous cardboard type back on recessed ceiling lights electrical junction box
- #13 – Electrical wiring for spot lights (White)
- #14 – MAG Pipe Insulation
- #15 – Air cell Pipe Insulation
- #16 – Red 9"x9" Floor Tiles
- #17 – Black 9"x9" Floor Tiles

Negative Material List

The following is a list of the homogeneous areas that tested negative during this inspection:

- Brick Mortar
- Plaster – Top and Base Coats
- Air Handler Seam Sealant
- 12"x12" Cream w/ Brown Streaks Floor Tile
- 1'x1' Wall and Ceiling tile(glue is positive)
- Old Window Glazing Compound
- Old Door and Window Caulk
- Stone Mortar
- 2'x2' Ceiling Tiles
- White 12"x12" Floor Tiles
- Yellow Carpet Mastic
- Cloth wrap for pipe insulation
- Fiberglass Pipe Insulation Wrap
- 2'x4' Ceiling Tiles
- HVAC Insulation
- Floor Tile Mastic For Black and Red 9"x9" tiles

3.0 ASBESTOS FIELD PROCEDURES AND ANALYSIS METHODOLOGY

3.1 INSPECTION

Guidelines used for the inspection were established by the U.S. Environmental Protection Agency (EPA) in the Guidance for Controlling Asbestos Containing Materials in Buildings, Office of Pesticides and Toxic Substances, DOC# 560/5-85-024 and 40 CFR Part 763, Asbestos Hazard Emergency Response Act (AHERA). Field information was organized as per the AHERA concept of a homogeneous area (HA); that is, suspect Asbestos Containing Materials (ACM) with similar age, appearance, and texture were grouped together, sampled and assessed for condition.

For the purposes of this inspection, suspect ACM has been placed in three material categories: thermal, surfacing, and miscellaneous.

Surfacing materials are those that are sprayed on, troweled on or otherwise applied to surfaces for fireproofing, acoustical, or decorative purposes (e.g., wall and ceiling plaster).

Thermal materials are those applied to heat pipes or other structural components to prevent heat loss or gain or prevent water condensation (e.g., pipe and fitting insulation, duct insulation, boiler flue).

Miscellaneous materials are interior building materials on structural components, structural members or fixtures, such as floor and ceiling tiles, etc. and do not include surfacing material or thermal system insulation.

3.2 SAMPLING

SURFACING MATERIALS

Surfacing materials were grouped into homogeneous sampling areas. A homogeneous area contains material that is uniform in color and texture and appears identical in every other respect. Materials installed at different times belong to different sampling areas. Homogeneous areas were determined on per floor basis.

The following protocol was used for determining the number of samples to be collected:

- At least three bulk samples were collected from each homogeneous area that is 1,000 square feet or less.
- At least five bulk samples were collected from each homogeneous area that is greater than 1,000 square feet but less than or equal to 5,000 square feet.
- At least seven bulk samples were collected from each homogeneous area that is greater than 5,000 square feet.

THERMAL SYSTEM INSULATION (TSI)

The concept of homogeneous sampling areas applies equally well to thermal insulation as to surfacing material. A "typical" building may contain multiple insulated pipe runs from any combination of the following categories:

- Hot water supply and/or return
- Cold water supply
- Chilled water supply
- Steam supply and/or return
- Roof or system drain

The following protocol was used for determining the number of samples to be collected.

- Collect at least three bulk samples from each homogeneous area of thermal system insulation.
- Collect at least one bulk sample from each homogeneous area of patched thermal system insulation if the patched section is less than 6 linear or square feet.
- In a manner sufficient to determine whether the material is ACM or not ACM, collect a minimum of three bulk samples from each homogeneous insulated mechanical system tee, elbow, and valve.

Bulk samples are not collected from any homogeneous area where the certified inspector has determined that the thermal system insulation is fiberglass, foam glass, or rubber.

MISCELLANEOUS MATERIALS

Miscellaneous materials are grouped into different homogeneous areas and at least two bulk samples are collected from each homogeneous area as per the clarification letter from the EPA and the Professional Abatement Contractors of New York, Inc in November of 2007.

3.3 ANALYSIS

Adelaide utilized AmeriSci laboratory in Richmond, VA for all bulk samples collected. AmeriSci holds accreditation from the National Institute of Standards and Technology (NIST) under the National Voluntary Laboratory Accreditation Program (NVLAP). Bulk samples of suspect ACM were analyzed by Polarized Light Microscopy (PLM) with dispersion staining, as described in 40 CFR Part 763 and the National Emissions Standard for Hazardous Air Pollutants (NESHAPS). All NOB samples were analyzed by utilizing PLM methodology.

4.0 CONCLUSIONS AND RECOMMENDATIONS

This survey concluded that the materials listed in Table 2.0 – Summary of Asbestos Containing Materials, tested ***positive for the presence of***.

Asbestos: These areas must be abated prior to building demolition or renovation if they are to be disturbed.

5.0 AREAS NOT ACCESSIBLE

Adelaide Environmental Health Associates inspected and sampled materials which were visible and/or accessible to the survey team. Adelaide does not inspect physically inaccessible areas, such as between walls, above fixed ceilings, under concrete slabs, etc. This report makes no representations as to the content of these areas or materials.

All materials present in those not accessible areas shall be assumed positive until tested.

6.0 REPORT CERTIFICATIONS

Adelaide Environmental Health Associates certifies that the information contained herein is based on the physical and visual inspections conducted by Adelaide and data collected during the inspection survey.

APPENDIX A **TABULAR LIST OF POSITIVE** **MATERIALS BY ROOM**

APPENDIX A - TABULAR LIST OF POSITIVE MATERIALS BY ROOM

Space #	Homogenous Area	Material Description	Quantity	Condition Response Action
1J	14	MAG Pipe Insulation (in Chase)	20 LF	Significant Damage/Remove/ Required - High Priority
2	3	Mudded Pipe Fittings for Fiberglass Pipe Insulation	15 LF	Significant Damage/Remove/ Required - High Priority
3b	3	Mudded Pipe Fittings for Fiberglass Pipe Insulation	1 LF	Good/Defer Action/None Required
3J	3	Mudded Pipe Fittings for Fiberglass Pipe Insulation	8 LF	Good/Defer Action/None Required
	14	MAG Pipe Insulation (in Chase)	20 LF	Damaged/Encapsulate/ Required
6A	6	Floor Tile Mastic for 12"x12" Cream w/ Brown Streaks Floor Tile	187 SF	Good/Defer Action/None Required
	8	Glue Pucks Attached to Ceiling for 1'x1' Tiles	100 SF	Good/Defer Action/None Required
100	10	Fibrous Cardboard type back on recessed ceiling lights electrical junction box	3 SF	Damaged /Remove/Required
	14	MAG Pipe Insulation above drop ceiling	8 LF	Significant Damage/Remove/ Required - High Priority
100A	10	Fibrous Cardboard type back on recessed ceiling lights electrical junction box	3 SF	Damaged /Remove/Required
100C	6	Floor Tile Mastic for 12"x12" Cream w/ Brown Streaks Floor Tile	17 SF	Good/Defer Action/None Required
100D	14	MAG Pipe Insulation above drop ceiling	10 LF	Significant Damage/Remove/ Required - High Priority

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Space #	Homogenous Area	Material Description	Quantity	Condition Response Action
100E	6	Floor Tile Mastic for 12"x12" Cream w/ Brown Streaks Floor Tile	100 SF	Good/Defer Action/None Required
100F	10	Fibrous Cardboard type back on recessed ceiling lights electrical junction box	3 SF	Damaged /Remove/Required
101	14	MAG Pipe Insulation above drop ceiling	40 LF	Significant Damage/Remove/ Required - High Priority
	15	Aircell Pipe Insulation	8 LF	Significant Damage/Remove/ Required - High Priority
101A	6	Floor Tile Mastic for 12"x12" Cream w/ Brown Streaks Floor Tile	160 SF	Good/Defer Action/None Required
	14	MAG Pipe Insulation above drop ceiling	10 LF	Significant Damage/Remove/ Required - High Priority
102	6	Floor Tile Mastic for 12"x12" Cream w/ Brown Streaks Floor Tile	28 SF	Good/Defer Action/None Required
102A	10	Fibrous Cardboard type back on recessed ceiling lights electrical junction box	3 SF	Damaged /Remove/Required
103	9	Black Kitchen Counter Top	80 SF	Good/Defer Action/None Required
104C	6	Floor Tile Mastic for 12"x12" Cream w/ Brown Streaks Floor Tile	195 SF	Good/Defer Action/None Required
106	10	Fibrous Cardboard type back on recessed ceiling lights electrical junction box	10 SF	Damaged /Remove/Required
106A	10	Fibrous Cardboard type back on recessed ceiling lights electrical junction box	3 SF	Damaged /Remove/Required
	14	MAG Pipe Insulation above drop ceiling	20 LF	Significant Damage/Remove/ Required - High Priority

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Space #	Homogenous Area	Material Description	Quantity	Condition Response Action
106B	8	Glue Pucks Attached to Ceiling for 1'x1' Tiles	140 SF	Good/Defer Action/None Required
200	6	Floor Tile Mastic for 12"x12" Cream w/ Brown Streaks Floor Tile	182 SF	Good/Defer Action/None Required
	8	Glue Pucks Attached to Ceiling for 1'x1' Tiles	182 SF	Good/Defer Action/None Required
211	16&17	Red 9"x9" Floor Tiles and Black 9"x9" Floor Tiles	168 SF	Good/Defer Action/None Required
211A	13	Electrical Wiring For Stage Spotlights (white)	600 LF	Damaged /Remove/Required
212	16&17	Red 9"x9" Floor Tiles and Black 9"x9" Floor Tiles	392 SF	Good/Defer Action/None Required

APPENDIX B

ASBESTOS REPORT FORM



Adelaide
Environmental Health Associates, Inc.

1511 Route 22, Suite C24, Brewster, NY 10509 Tel: 845.278.7710 Fax: 845.278.7750 www.adelaidellc.com

ASBESTOS REPORT FORM

PROJECT NUMBER: VAMC:10079.00-IN

PROJECT LOCATION: Salem VA Medical Center - Building 5
1970 Roanoke Blvd
Salem, Virginia 24153

DATE RECEIVED: 6/7/2010

DATE COMPLETED: 6/16/2010

DATE REPORTED: 6/23/2010

TOTAL SAMPLE COUNT: 47

SAMPLE COLLECTOR(S): James Reber, Tom Ferro

SERVICES PROVIDED

Asbestos Bulk Sampling

PESHOGS NO. / LAB ID NO.	ID	Sample Location, Coordinates Description and Other Comments	Material Type	Friable/ NonFriable	Homogenous ID	TEM %	PLM %	Quantity	Assess Cat.
/110061648-01	1	Floor - Room 3J - Plaster - Top Coat	Surf.	F	1		NAD	8000	D
/110061648-02	2	Floor - Room 3J - Plaster - Top Coat	Surf.	F	1		NAD	8000	D
/110061648-03	3	Floor - Room 3J - Plaster - Top Coat	Surf.	F	1		NAD	8000	D
/110061648-04	4	Floor - Room 3J - Plaster - Top Coat	Surf.	F	1		NAD	8000	D
/110061648-05	5	Floor - Above Auditorium - Plaster - Top Coat	Surf.	F	1		NAD	8000	D

Misc. - Miscellaneous

Surf. - Surfacing

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/110061648-06	6	Floor - Above Auditorium - Plaster - Top Coat	Surf.	F	1		NAD	8K	D
/110061648-07	7	Floor - Above Auditorium - Plaster - Top Coat	Surf.	F	1		NAD	8K	D
/110061648-08	8	Floor - Room 3J - Plaster - Base Coat	Surf.	F	2		NAD	8K	D
/110061648-09	9	Floor - Room 3J - Plaster - Base Coat	Surf.	F	2		NAD	8	D
/110061648-10	10	Floor - Room 3J - Plaster - Base Coat	Surf.	F	2		NAD	8K	D
/110061648-11	11	Floor - Room 3J - Plaster - Base Coat	Surf.	F	2		NAD	8K	D
/110061648-12	12	Floor - Above Auditorium - Plaster - Base Coat	Surf.	F	2		NAD	8K	D

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/110061648-13	13	Floor - Above Auditorium - Plaster - Base Coat	Surf.	F	2		NAD	8K	D
/110061648-14	14	Floor - Above Auditorium - Plaster - Base Coat	Surf.	F	2		NAD	8K	D
/110061648-15	15	Floor B - Room 2 - Mud Fitting on LP Steam Supply (fiberglass pipe insulation)	TSI	F	3		10% Chrysotile	30 lf	D
/110061648-16	16	Floor B - Room 2 - Mud Fitting on Condensate Return (fiberglass pipe insulation)	TSI	F	3		NA/PS	30 Lf	D
/110061648-17	17	Floor B - Room 3J - Mud Fitting on fiberglass pipe insulation	TSI	F	3		NA/PS	30 LF	G
/110061648-18	18	Floor B - Room 3J - Mud Fitting on fiberglass pipe insulation	TSI	F	3		NA/PS	30 LF	G

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/110061648-19	19	Floor B - Room 5A - Air Handler Seam Sealant	Misc.	NF	4		NAD	-	G
/110061648-20	20	Floor B - Room 5A - Air Handler Seam Sealant	Misc.	NF	4		NAD		G
/110061648-21	21	Floor B - Corridor 6A - 12x12 Cream w/ brown streaks floor tile	Misc.	NF	5		NAD		G
/110061648-22	22	Floor B - Corridor 6A - 12x12 Cream w/ brown streaks floor tile - mastic (black)	Misc.	NF	6		3% Chrysotile		G
/110061648-23	23	Floor 1 - Closet 100C - 12x12 Cream w/ brown streaks floor tile	Misc.	NF	5		NAD		G
/110061648-24	24	Floor 1 - Closet 100C - 12x12 Cream w/ brown streaks floor tile - Mastic	Misc.	NF	6		NA/PS		G

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/110061648-25	25	Floor B - Corridor Near 2E - glue for spike hangers attached to concrete ceiling	Misc.	NF	7		3% Chrysotile		G
/110061648-26	26	Floor B - Corridor Near 2E - glue for spike hangers attached to concrete ceiling	Misc.	NF	7		NA/PS		G
/110061648-27	27	Floor B - Corridor 6 - Glue pucks attached to Ceiling (from older 1x1 Ceiling tiles	Misc.	NF	8		3% Chrysotile		D
/110061648-28	28	Floor B - Corridor 6 - Glue pucks attached to Ceiling (from older 1x1 Ceiling tiles	Misc.	NF	8		NA/PS		D
/110061648-29	29	Floor 1 - Kitchen 103 - black counter top	Misc.	NF	9		15% Chrysotile		G
/110061648-30	30	Floor 1 - Kitchen 103 - black counter top	Misc.	NF	9		NA/PS		G

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/110061648-31	31	Floor 1 - Corridor 100A - Fibrous cardboard type back on recessed ceiling lights electrical junction box	Misc.	F	10		25% Chrysotile		D
/110061648-32	32	Floor 1 - Corridor 100A - Fibrous cardboard type back on recessed ceiling lights electrical junction box	Misc.	F	10		NA/PS		D
/110061648-33	33	Floor 1 - Room 106B - 1'x1' wall tile (glue used is HA #8)	Misc.	F	11		NAD		G
/110061648-34	34	Floor 1 - Room 106B - 1'x1' wall tile (glue used is HA #8)	Misc.	F	11		NAD		G
/110061648-35	35	Floor 2 - Stair 200 - 1'x1' ceiling tile	Misc.	F	12		NAD		G

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/110061648-36	36	Floor 2 - Stair 200 - 1'x1' ceiling tile	Misc.	F	12		NAD		G
/110061648-37	37	Floor A - Above auditorium ceiling - electrical wiring for spot lights (white)	Misc.	F	13		30% Chrysotile	600 LF	D
/110061648-38	38	Floor A - Above auditorium ceiling - electrical wiring for spot lights (white)	Misc.	F	13		NA/PS	600 LF	D
/110061648-39	39	Floor 1 - Exterior - Old window glazing compound	Misc.	F	14		NAD		G
/110061648-40	40	Floor 1 - Exterior - Old window glazing compound	Misc.	F	14		NAD		G
/110061648-41	41	Floor 1 - Exterior - Old door and window caulk	Misc.	NF	15		NAD		G

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ASBESTOS REPORT FORM

PROJECT NUMBER: VAMC:10079.00-IN

PROJECT LOCATION: Salem VA Medical Center - Building 5
1970 Roanoke Blvd
Salem, Virginia 24153

DATE RECEIVED: 6/7/2010
DATE COMPLETED: 6/16/2010
DATE REPORTED: 6/23/2010
TOTAL SAMPLE COUNT: 47
SAMPLE COLLECTOR(S): James Reber, Tom Ferro

SERVICES PROVIDED Asbestos Bulk Sampling

PESHOGS NO. / LAB ID NO.	ID	Sample Location, Coordinates Description and Other Comments	Material Type	Friable/ NonFriable	Homogenous ID	TEM %	PLM %	Quantity	Assess Cat.
/110061648-42	42	Floor 1 - Exterior - Old door and window caulk	Misc.	NF	15		NAD		G
/110061648-43	43	Floor 1 - Exterior - Old door and window caulk	Misc.	NF	15		NAD		G
/110061648-44	44	Floor 1 - Exterior - Brick Mortar	Misc.	F	16		NAD		G
/110061648-45	45	Floor 1 - Exterior - Brick Mortar	Misc.	F	16		NAD		G
/110061648-46	46	Floor G - Exterior - Stone Mortar	Misc.	F	17		NAD		G
/110061648-47	47	Floor G - Exterior - Stone Mortar	Misc.	F	17		NAD		G

Misc. - Miscellaneous
Surf. - Surfacing
TSI - Thermal System Insulation
NF - Non-Friable
F - Friable

NA - Not Analyzed by Method
NA/PS - Not Analyzed, Positive Stop
NAD - No Asbestos Detected
Trace/NAD - Non-Asbestos by Definition
SD - Significantly Damaged
D - Damaged
G - Good
UK - Unknown

APPENDIX C

ASBESTOS ANALYTICAL RESULTS

AND CHAIN OF CUSTODY FORM

**AmeriSci Richmond**

13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800

PLM Bulk Asbestos Report

Adelaide Environmental Health
Attn: John Soter
1454 Rte. 22 Suite B202

Brewster, NY 10509

Date Received 06/22/10 **AmeriSci Job #** 110061648
Date Examined 06/22/10 **P.O. #**
Page 1 of 9
RE: VAMC:10079.00-IN; Salem VA Medical Center; Building 5;
1970 Roanoke Blvd, Salem, Virginia 24153

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
1	110061648-01	No	NAD
1	Location: Room 3J - Plaster - Top Coat		(by CVES) by J. Samuel Baird on 06/22/10
Analyst Description: White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster) Asbestos Types: Other Material: Non-fibrous 100 %			
2	110061648-02	No	NAD
1	Location: Room 3J - Plaster - Top Coat		(by CVES) by J. Samuel Baird on 06/22/10
Analyst Description: White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster) Asbestos Types: Other Material: Non-fibrous 100 %			
3	110061648-03	No	NAD
1	Location: Room 3J - Plaster - Top Coat		(by CVES) by J. Samuel Baird on 06/22/10
Analyst Description: White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster) Asbestos Types: Other Material: Non-fibrous 100 %			
4	110061648-04	No	NAD
1	Location: Room 3J - Plaster - Top Coat		(by CVES) by J. Samuel Baird on 06/22/10
Analyst Description: White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster) Asbestos Types: Other Material: Non-fibrous 100 %			
5	110061648-05	No	NAD
1	Location: Above Auditorium - Plaster - Top Coat		(by CVES) by J. Samuel Baird on 06/22/10
Analyst Description: White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster) Asbestos Types: Other Material: Non-fibrous 100 %			

Client Name: Adelaide Environmental Health

PLM Bulk Asbestos ReportVAMC:10079.00-IN; Salem VA Medical Center; Building 5;
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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
6 1	110061648-06 Location: Above Auditorium - Plaster - Top Coat	No	NAD (by CVES) by J. Samuel Baird on 06/22/10
Analyst Description: White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster) Asbestos Types: Other Material: Non-fibrous 100 %			
7 1	110061648-07 Location: Above Auditorium - Plaster - Top Coat	No	NAD (by CVES) by J. Samuel Baird on 06/22/10
Analyst Description: White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster) Asbestos Types: Other Material: Non-fibrous 100 %			
8 2	110061648-08 Location: Room 3J - Plaster - Base Coat	No	NAD (by CVES) by J. Samuel Baird on 06/22/10
Analyst Description: Tan, Heterogeneous, Non-Fibrous, Base Coat (Plaster) Asbestos Types: Other Material: Non-fibrous 100 %			
9 2	110061648-09 Location: Room 3J - Plaster - Base Coat	No	NAD (by CVES) by J. Samuel Baird on 06/22/10
Analyst Description: Tan, Heterogeneous, Non-Fibrous, Cementitious, Base Coat (Plaster) Asbestos Types: Other Material: Non-fibrous 100 %			
10 2	110061648-10 Location: Room 3J - Plaster - Base Coat	No	NAD (by CVES) by J. Samuel Baird on 06/22/10
Analyst Description: Tan, Heterogeneous, Non-Fibrous, Cementitious, Base Coat (Plaster) Asbestos Types: Other Material: Non-fibrous 100 %			
11 2	110061648-11 Location: Room 3J - Plaster - Base Coat	No	NAD (by CVES) by J. Samuel Baird on 06/22/10
Analyst Description: Tan, Heterogeneous, Non-Fibrous, Base Coat (Plaster) Asbestos Types: Other Material: Non-fibrous 100 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
12 2	110061648-12 Location: Above Auditorium - Plaster - Base Coat	No	NAD (by CVES) by J. Samuel Baird on 06/22/10
Analyst Description: Tan, Heterogeneous, Non-Fibrous, Cementitious, Base Coat (Plaster) Asbestos Types: Other Material: Non-fibrous 100 %			
13 2	110061648-13 Location: Above Auditorium - Plaster - Base Coat	No	NAD (by CVES) by J. Samuel Baird on 06/22/10
Analyst Description: Tan, Heterogeneous, Non-Fibrous, Cementitious, Base Coat (Plaster) Asbestos Types: Other Material: Non-fibrous 100 %			
14 2	110061648-14 Location: Above Auditorium - Plaster - Base Coat	No	NAD (by CVES) by J. Samuel Baird on 06/22/10
Analyst Description: Tan, Heterogeneous, Non-Fibrous, Base Coat (Plaster) Asbestos Types: Other Material: Non-fibrous 100 %			
15 3	110061648-15 Location: Room 2 - Mud Fitting On LP Steam Supply (Fiberglass Pipe Insulation)	Yes	10 % (by CVES) by J. Samuel Baird on 06/22/10
Analyst Description: Gray, Heterogeneous, Fibrous, Fitting Insulation Asbestos Types: Chrysotile 10.0 % Other Material: Fibrous glass 35 %, Non-fibrous 55 %			
16 3	110061648-16 Location: Room 2 - Mud Fitting On Condensate Return (Fiberglass Pipe Insulation)		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
17 3	110061648-17 Location: Room 3J - Mud Fitting On Fiberglass Pipe Insulation		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
18 3	110061648-18 Location: Room 3J - Mud Fitting On Fiberglass Pipe Insulation		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
19 4	110061648-19 Location: Room 5A - Air Handler Seam Sealant	No	NAD (by CVES) by J. Samuel Baird on 06/22/10
Analyst Description: Tan, Heterogeneous, Non-Fibrous, Sealant Asbestos Types: Other Material: Non-fibrous 100 %			
20 4	110061648-20 Location: Room 5A - Air Handler Seam Sealant	No	NAD (by CVES) by J. Samuel Baird on 06/22/10
Analyst Description: Black, Heterogeneous, Non-Fibrous, Sealant Asbestos Types: Other Material: Non-fibrous 100 %			
21 5	110061648-21 Location: Corridor 6A - 12x12 Cream w/Brown Streaks Floor Tile	No	NAD (by CVES) by J. Samuel Baird on 06/22/10
Analyst Description: Cream, Heterogeneous, Non-Fibrous, Floor Tile Asbestos Types: Other Material: Non-fibrous 100 %			
22 6	110061648-22 Location: Corridor 6A - 12x12 Cream w/Brown Streaks Floor Tile - Mastic (Black)	Yes	3 % (by CVES) by J. Samuel Baird on 06/22/10
Analyst Description: Black, Heterogeneous, Non-Fibrous, Mastic Asbestos Types: Chrysotile 3.0 % Other Material: Non-fibrous 97 %			
23 5	110061648-23 Location: Closet 100C - 12x12 Cream w/Brown Streaks Floor Tile	No	NAD (by CVES) by J. Samuel Baird on 06/22/10
Analyst Description: Cream, Heterogeneous, Non-Fibrous, Floor Tile Asbestos Types: Other Material: Non-fibrous 100 %			

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PLM Bulk Asbestos ReportVAMC:10079.00-IN; Salem VA Medical Center; Building 5;
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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
24 6	110061648-24 Location: Closet 100C - 12x12 Cream w/Brown Streaks Floor Tile - Mastic		NA/PS
Analyst Description: Mastic Asbestos Types: Other Material:			
25 7	110061648-25 Location: Corridor Near 2E - Glue For Spike Hangers Attached to Concrete Ceiling	Yes	3 % (by CVES) by J. Samuel Baird on 06/22/10
Analyst Description: Tan, Heterogeneous, Non-Fibrous, Glue Asbestos Types: Chrysotile 3.0 % Other Material: Non-fibrous 97 %			
26 7	110061648-26 Location: Corridor Near 2E - Glue For Spike Hangers Attached to Concrete Ceiling		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
27 8	110061648-27 Location: Corridor 6 - Glue Pucks Attached to Ceiling (From Older 1x1 Ceiling Tiles	Yes	3 % (by CVES) by J. Samuel Baird on 06/22/10
Analyst Description: Brown, Heterogeneous, Non-Fibrous, Glue Asbestos Types: Chrysotile 3.0 % Other Material: Non-fibrous 97 %			
28 8	110061648-28 Location: Corridor 6 - Glue Pucks Attached to Ceiling (From Older 1x1 Ceiling Tiles		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
29 9	110061648-29 Location: Kitchen 103 - Black Counter Top	Yes	15 % (by CVES) by J. Samuel Baird on 06/23/10
Analyst Description: Black, Heterogeneous, Fibrous, Counter Top Asbestos Types: Chrysotile 15.0 % Other Material: Non-fibrous 85 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
30 9	110061648-30 Location: Kitchen 103 - Black Counter Top		NAP/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
31 10	110061648-31 Location: Corridor 100A - Fibrous Cardboard Type Back On Recessed Ceiling Lights Electrical Junction Box	Yes	25 % (by CVES) by J. Samuel Baird on 06/23/10
Analyst Description: Gray, Heterogeneous, Fibrous, Fiber Board Asbestos Types: Chrysotile 25.0 % Other Material: Cellulose 55 %, Non-fibrous 20 %			
32 10	110061648-32 Location: Corridor 100A - Fibrous Cardboard Type Back On Recessed Ceiling Lights Electrical Junction Box		NAP/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
33 11	110061648-33 Location: Room 106B - 1'x1' Wall Tile (Glue Used Is HA #8)	No	NAD (by CVES) by J. Samuel Baird on 06/23/10
Analyst Description: White/Brown, Heterogeneous, Fibrous, Fiber Board Asbestos Types: Other Material: Cellulose 95 %, Non-fibrous 5 %			
34 11	110061648-34 Location: Room 106B - 1'x1' Wall Tile (Glue Used Is HA #8)	No	NAD (by CVES) by J. Samuel Baird on 06/23/10
Analyst Description: White/Brown, Heterogeneous, Fibrous, Fiber Board Asbestos Types: Other Material: Cellulose 95 %, Non-fibrous 5 %			
35 12	110061648-35 Location: Stair 200 - 1'x1' Ceiling Tile	No	NAD (by CVES) by J. Samuel Baird on 06/23/10
Analyst Description: White/Lt.Grey, Heterogeneous, Fibrous, Ceiling Tile Asbestos Types: Other Material: Fibrous glass 85 %, Non-fibrous 15 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
36 12	110061648-36 Location: Stair 200 - 1'x1' Ceiling Tile	No	NAD (by CVES) by J. Samuel Baird on 06/23/10
Analyst Description: White/Lt.Grey, Heterogeneous, Fibrous, Ceiling Tile Asbestos Types: Other Material: Fibrous glass 85 %, Non-fibrous 15 %			
37 13	110061648-37 Location: Above Auditorium Ceiling - Electrical Wiring For Spot Lights (White)	Yes	30 % (by CVES) by J. Samuel Baird on 06/23/10
Analyst Description: White, Heterogeneous, Fibrous, Wire Wrap Asbestos Types: Chrysotile 30.0 % Other Material: Cellulose 60 %, Non-fibrous 10 %			
38 13	110061648-38 Location: Above Auditorium Ceiling - Electrical Wiring For Spot Lights (White)		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
39 14	110061648-39 Location: Exterior - Old Window Glazing Compound	No	NAD (by CVES) by J. Samuel Baird on 06/23/10
Analyst Description: White, Heterogeneous, Non-Fibrous, Window Glazing Asbestos Types: Other Material: Non-fibrous 100 %			
40 14	110061648-40 Location: Exterior - Old Window Glazing Compound	No	NAD (by CVES) by J. Samuel Baird on 06/23/10
Analyst Description: White, Heterogeneous, Non-Fibrous, Window Glazing Asbestos Types: Other Material: Non-fibrous 100 %			
41 15	110061648-41 Location: Exterior - Old Door and Window Caulk	No	NAD (by CVES) by J. Samuel Baird on 06/23/10
Analyst Description: White, Heterogeneous, Non-Fibrous, Caulk Asbestos Types: Other Material: Non-fibrous 100 %			

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42 15	110061648-42 Location: Exterior - Old Door and Window Caulk	No	NAD (by CVES) by J. Samuel Baird on 06/23/10
Analyst Description: White, Heterogeneous, Non-Fibrous, Caulk Asbestos Types: Other Material: Non-fibrous 100 %			
43 15	110061648-43 Location: Exterior - Old Door and Window Caulk	No	NAD (by CVES) by J. Samuel Baird on 06/23/10
Analyst Description: White, Heterogeneous, Non-Fibrous, Caulk Asbestos Types: Other Material: Non-fibrous 100 %			
44 16	110061648-44 Location: Exterior - Brick Mortar	No	NAD (by CVES) by J. Samuel Baird on 06/23/10
Analyst Description: Brown, Heterogeneous, Non-Fibrous, Cementitious, Mortar Asbestos Types: Other Material: Non-fibrous 100 %			
45 16	110061648-45 Location: Exterior - Brick Mortar	No	NAD (by CVES) by J. Samuel Baird on 06/23/10
Analyst Description: Brown, Heterogeneous, Non-Fibrous, Cementitious, Mortar Asbestos Types: Other Material: Non-fibrous 100 %			
46 17	110061648-46 Location: Exterior - Stone Mortar	No	NAD (by CVES) by J. Samuel Baird on 06/23/10
Analyst Description: Gray, Heterogeneous, Non-Fibrous, Cementitious, Mortar Asbestos Types: Other Material: Non-fibrous 100 %			
47 17	110061648-47 Location: Exterior - Stone Mortar	No	NAD (by CVES) by J. Samuel Baird on 06/23/10
Analyst Description: Gray, Heterogeneous, Non-Fibrous, Cementitious, Mortar Asbestos Types: Other Material: Non-fibrous 100 %			

Client Name: Adelaide Environmental Health

PLM Bulk Asbestos Report

VAMC:10079.00-IN; Salem VA Medical Center; Building 5;
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Reporting Notes:

Analyzed by: J. Samuel Baird J. S. Baird Date 6/23/10

*NAD = no asbestos detected, Detection Limit <1%, Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; "Present" or NVA = "No Visible Asbestos" are observations made during a qualitative analysis; NA = not analyzed; NA/PS = not analyzed / positive stop; PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab Code 101904-0) and ELAP PLM Analysis Protocol 198.1 for New York friable samples (198.6 for NOB samples)(NYSDOH ELAP Lab # 10984); CA ELAP Lab # 2508; Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By: [Signature]



Adelaide
Environmental Health Associates, Inc.

1511 Route 22, Suite C24, Brewster, NY 10509

Tel: 845.278.7710 Fax: 845.278.7750 www.adelaidellc.com

110061648

Chain of Custody

PROJECT NUMBER: VAMC: 10079.00-IN

PROJECT LOCATION: Salem VA Medical Center - Building 5
1970 Roanoke Blvd
Salem, Virginia 24153

DATE RECEIVED: 6/7/2010

DATE COMPLETED: 6/16/2010

DATE REPORTED:

TOTAL SAMPLE COUNT: 47

SAMPLE COLLECTOR(S): James Reber and Tom Ferro

Sample ID#	Floor Level	Homogenous Area	Sample Location/Description	Quantity (in feet)	Friable		Condition
					NonFriable	Friable	
1		1	Room 3J - Plaster - Top Coat	8000	F	F	D
2		1	Room 3J - Plaster - Top Coat	8000	F	F	D
3		1	Room 3J - Plaster - Top Coat	8000	F	F	D
4		1	Room 3J - Plaster - Top Coat	8000	F	F	D
5		1	Above Auditorium - Plaster - Top Coat	8000	F	F	D
6		1	Above Auditorium - Plaster - Top Coat	8K	F	F	D
7		1	Above Auditorium - Plaster - Top Coat	8K	F	F	D

SD - Significantly Damaged | D - Damaged | G - Good | UK - Unknown

Page 1 of 6

Special Instructions/ Turnaround Time:

Analyze all samples by PLM only

Stop at 1st Positive per Homogenous Area

Fax Results to 845-278-7750

E-Mail Results to AdelaideLabResults@adelaidellc.com

72 hr TAT

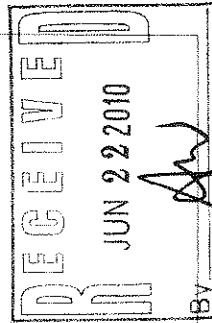
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Sample ID#	Floor Level	Homogenous Area	Sample Location/Description	Quantity (in feet)	Friable NonFriable	Condition SD, D, G, UK:
8		2	Room 3J - Plaster - Base Coat	8K	F	D
9		2	Room 3J - Plaster - Base Coat	8	F	D
10		2	Room 3J - Plaster - Base Coat	8K	F	D
11		2	Room 3J - Plaster - Base Coat	8K	F	D
12		2	Above Auditorium - Plaster - Base Coat	8K	F	D
13		2	Above Auditorium - Plaster - Base Coat	8K	F	D
14		2	Above Auditorium - Plaster - Base Coat	8K	F	D
15	B	3	Room 2 - Mud Fitting on LP Steam Supply (fiberglass pipe insulation)	30 lf	F	D
16	B	3	Room 2 - Mud Fitting on Condensate Return (fiberglass pipe insulation)	30 lf	F	D

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Page 2 of 6

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72 hr TAT

Relinquished by:

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By

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Sample ID#	Floor Level	Homogenous Area	Sample Location/Description	Quantity (in feet)	Friable NonFriable	Condition SD, D, G, UK:
17	B	3	Room 3J - Mud Fitting on fiberglass pipe insulation	30 LF	F	G
18	B	3	Room 3J - Mud Fitting on fiberglass pipe insulation	30 LF	F	G
19	B	4	Room 5A - Air Handler Seam Sealant	-	NF	G
20	B	4	Room 5A - Air Handler Seam Sealant		NF	G
21	B	5	Corridor 6A - 12x12 Cream w/ brown streaks floor tile		NF	G
22	B	6	Corridor 6A - 12x12 Cream w/ brown streaks floor tile - mastic (black)		NF	G
23	1	5	Closet 100C - 12x12 Cream w/ brown streaks floor tile		NF	G
24	1	6	Closet 100C - 12x12 Cream w/ brown streaks floor tile - Mastic		NF	G
25	B	7	Corridor Near 2E - glue for spike hangers attached to concrete ceiling		NF	G

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Page 3 of 6

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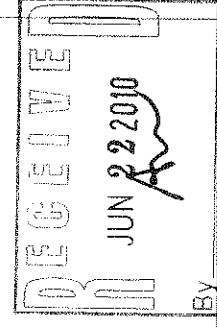
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[Signature]



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26	B	7	Corridor Near 2E - glue for spike hangers attached to concrete ceiling	NF	NF	G
27	B	8	Corridor 6 - Glue pucks attached to Ceiling (from older 1x1 Ceiling tiles	NF	NF	D
28	B	8	Corridor 6 - Glue pucks attached to Ceiling (from older 1x1 Ceiling tiles	NF	NF	D
29	1	9	Kitchen 103 - black counter top	NF	NF	G
30	1	9	Kitchen 103 - black counter top	NF	NF	G
31	1	10	Corridor 100A - Fibrous cardboard type back on recessed ceiling lights electrical junction box	F	F	D
32	1	10	Corridor 100A - Fibrous cardboard type back on recessed ceiling lights electrical junction box	F	F	D

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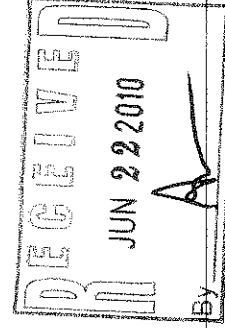
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Sample ID#	Floor Level	Homogenous Area	Sample Location/Description	Quantity (in feet)	Friable NonFriable	Condition SD, D, G, UK:
33	1	11	Room 106B - 1'x1' wall tile (glue used is HA #8)		F	G
34	1	11	Room 106B - 1'x1' wall tile (glue used is HA #8)		F	G
35	2	12	Stair 200 - 1'x1' ceiling tile		F	G
36	2	12	Stair 200 - 1'x1' ceiling tile		F	G
37	A	13	Above auditorium ceiling - electrical wiring for spot lights (white)	600 LF	F	D
38	A	13	Above auditorium ceiling - electrical wiring for spot lights (white)	600 LF	F	D
39	1	14	Exterior - Old window glazing compound		F	G
40	1	14	Exterior - Old window glazing compound		F	G
41	1	15	Exterior - Old door and window caulk		NF	G
42	1	15	Exterior - Old door and window caulk		NF	G

SD - Significantly Damaged | D - Damaged | G - Good | UK - Unknown

Page 5 of 6

Special Instructions/ Turnaround Time:

Analyze all samples by PLM only

Stop at 1st Positive per Homogenous Area

Fax Results to 845-278-7750

E-Mail Results to AdelaideLabResults@adelaidellc.com

72 hr TAT

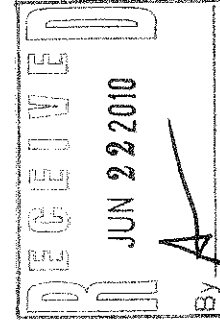
Relinquished by:

Received by:

Relinquished by:

Received by:

jeff



Chain of Custody

110061648

PROJECT NUMBER: VAMC: 10079.00-IN

PROJECT LOCATION: Salem VA Medical Center - Building 5
1970 Roanoke Blvd
Salem, Virginia 24153

DATE RECEIVED: 6/7/2010
DATE COMPLETED: 6/16/2010
DATE REPORTED:
TOTAL SAMPLE COUNT: 47
SAMPLE COLLECTOR(S): James Reber and Tom Ferro

Sample ID#	Floor Level	Homogenous Area	Sample Location/Description	Quantity (in feet)	Friable NonFriable	Condition SD, D, G, UK:
43	1	15	Exterior - Old door and window caulk		NF	G
44	1	16	Exterior - Brick Mortar		F	G
45	1	16	Exterior - Brick Mortar		F	G
46	G	17	Exterior - Stone Mortar		F	G
47	G	17	Exterior - Stone Mortar		F	G

SD - Significantly Damaged | D - Damaged | G - Good | UK - Unknown

Special Instructions/ Turnaround Time:

Analyze all samples by PLM only

Stop at 1st Positive per Homogenous Area

Fax Results to 845-278-7750

E-Mail Results to AdelaideLabResults@adelaidellc.com

72 hr TAT

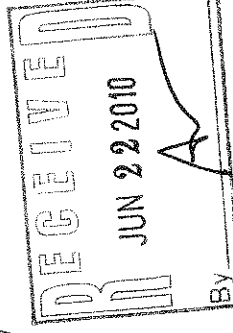
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Received by:

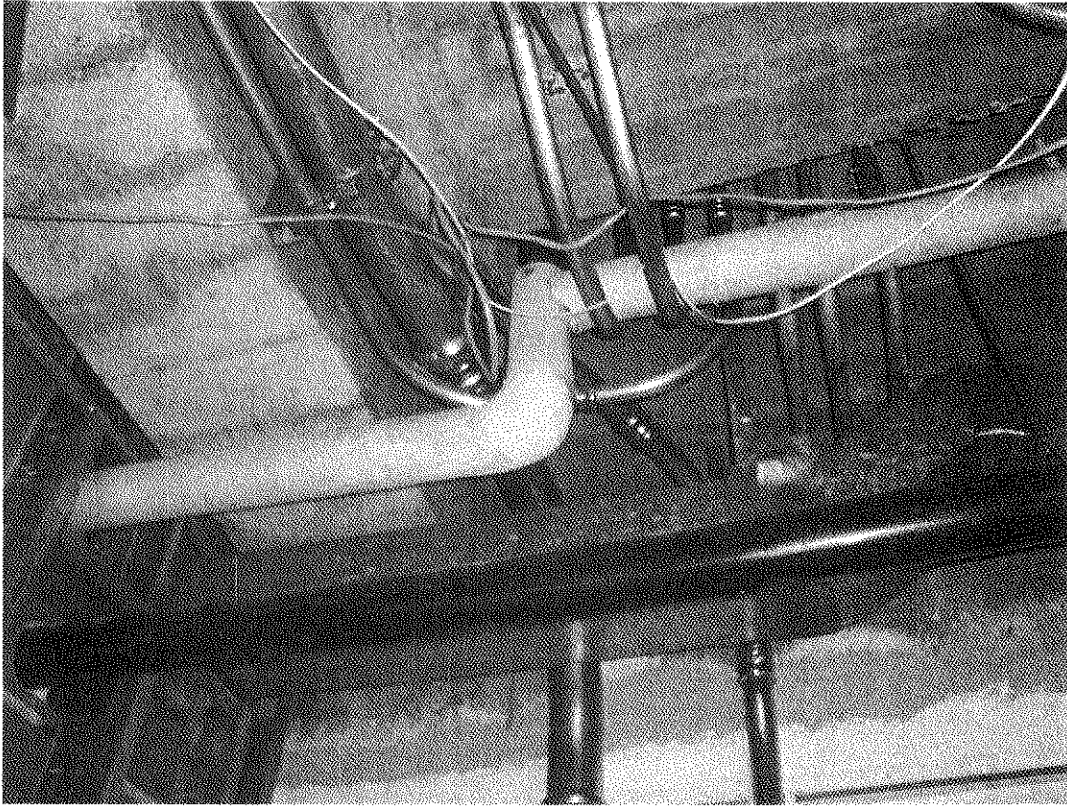
Relinquished by:

Received by:

[Signature]



APPENDIX D
SAMPLE LOCATION MAP
AND PHOTOS



Mudded Fittings on Fiberglass Pipe Insulation – Chrysotile 10%



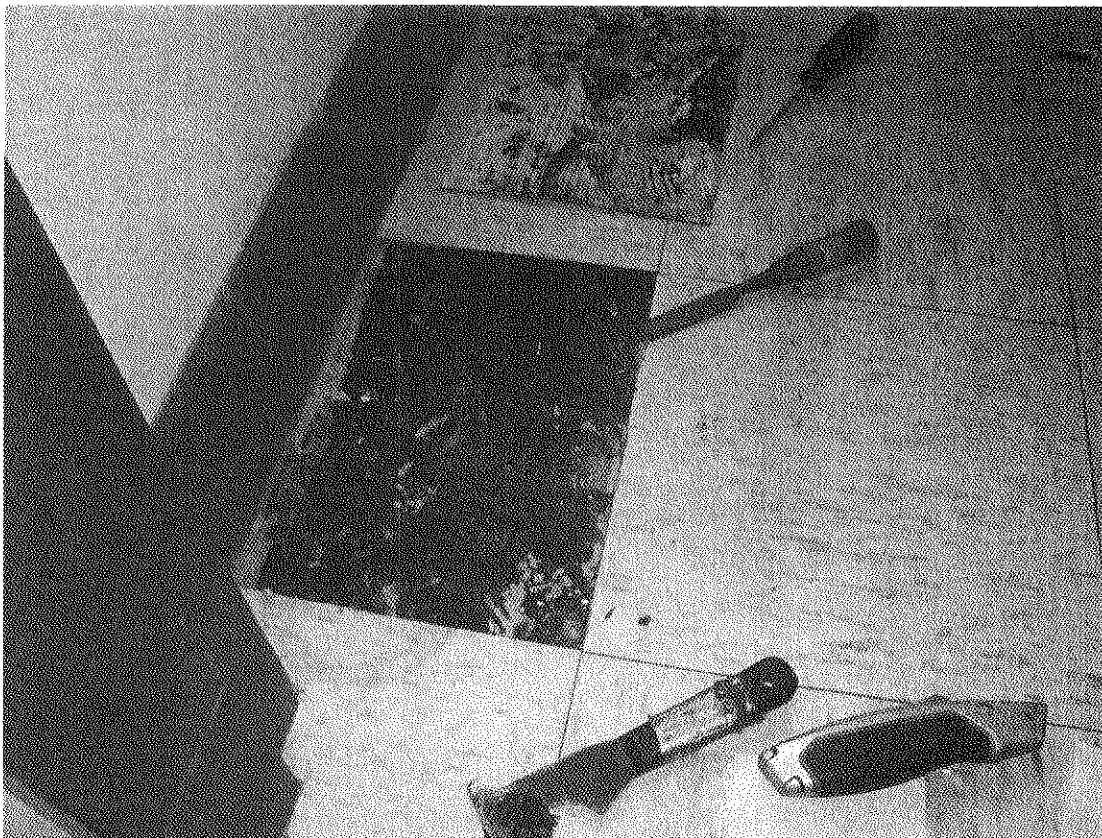
Significantly Damaged MAG Pipe Insulation above drop ceilings – Chrysotile 35%



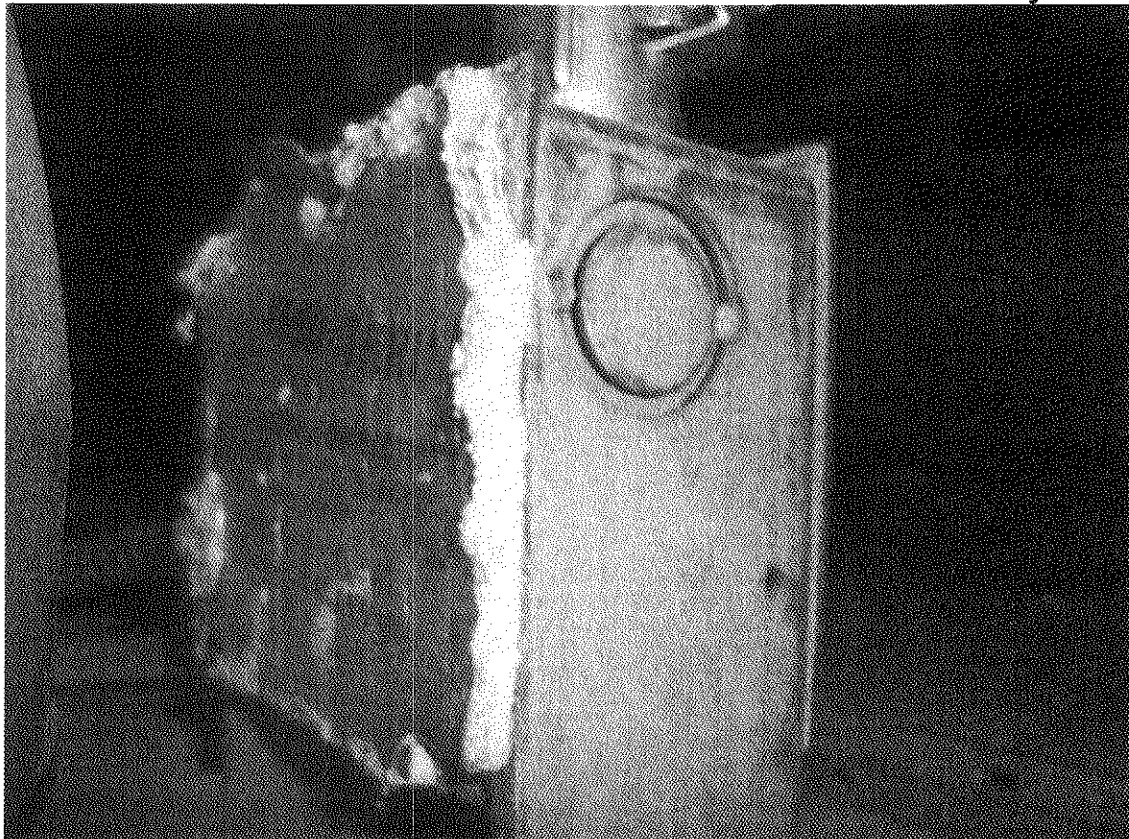
Glue Pucks on Ceiling associated with 1'x1' Ceiling Tiles – 3% Chrysotile



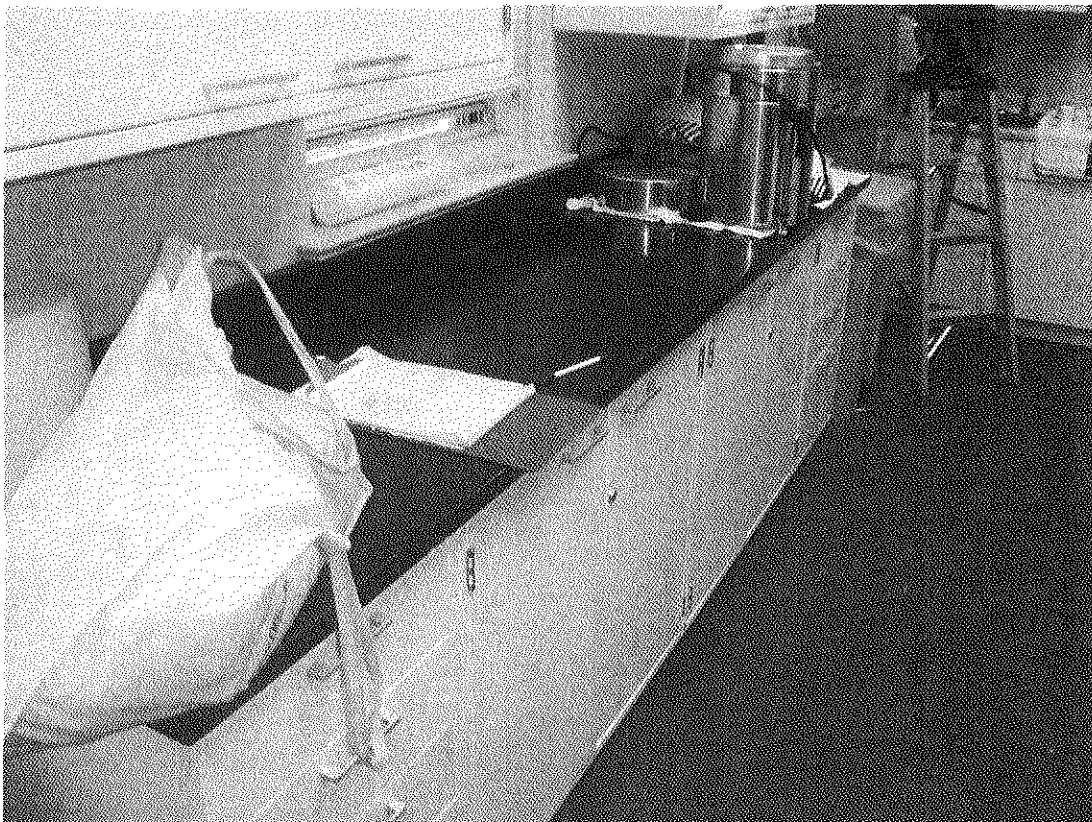
Glue for spike hangers attached to concrete ceiling – 3% Chrysotile



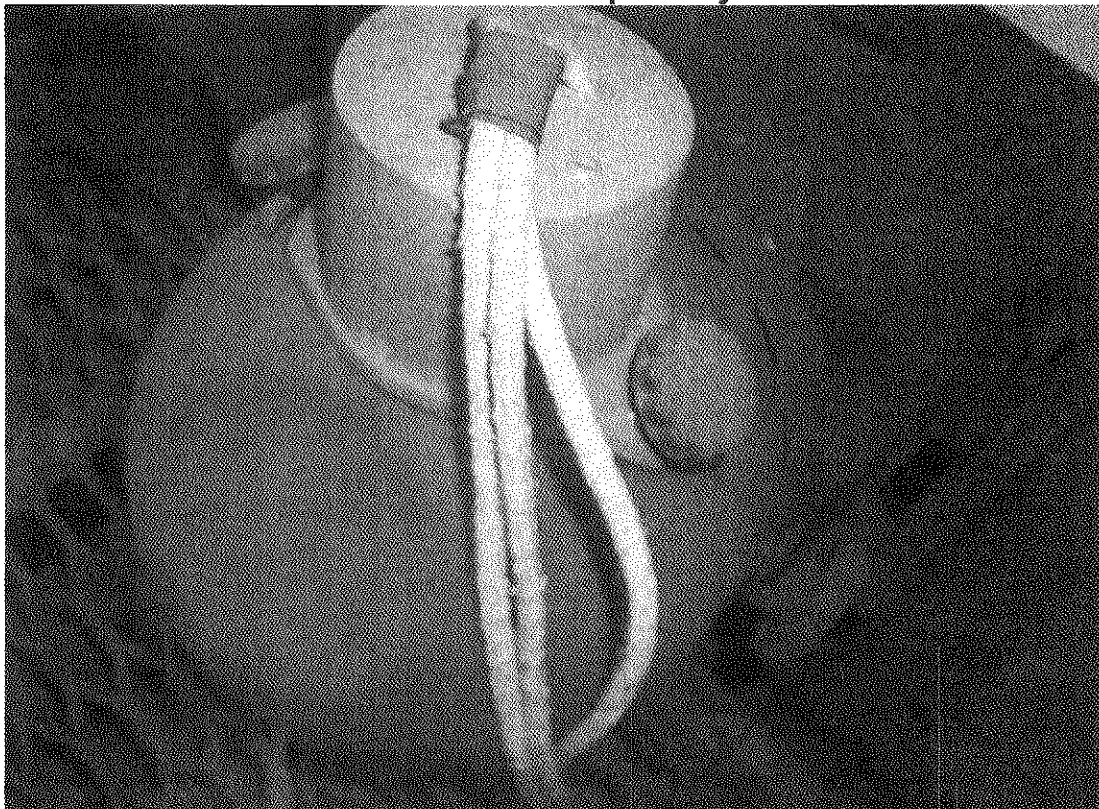
Floor Tile mastic for 12"x12' Cream w/ brown streaks tile – 3% Chrysotile



Fibrous Cardboard type back on recessed lights electrical junction box – 25% Chrysotile



Black Kitchen Counter Top – Chrysotile 15%



Electrical Wiring Wrap for Spot Lights (White) – 30% Chrysotile



Black and Red 9"x9" Floor Tiles – Chrysotile 15%

APPENDIX E

PERSONNEL AND LABORATORY

CERTIFICATIONS

NEW YORK STATE - DEPARTMENT OF LABOR

DIVISION OF SAFETY AND HEALTH
LICENSE AND CERTIFICATE UNIT
STATE CAMPUS BUILDING 12
ALBANY, NY 12240

ASBESTOS HANDLING LICENSE

Adelaide Environmental Health Associates, Inc.
Suite C24
1511 Route 22
Brewster, NY 10509

FILE NUMBER: 99-0656
LICENSE NUMBER: 29305
LICENSE CLASS: RESTRICTED
DATE OF ISSUE: 06/10/2010
EXPIRATION DATE: 07/31/2011

Duly Authorized Representative - John Soter

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Maureen A Cox

Maureen A. Cox, Director
FOR THE COMMISSIONER OF LABOR

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

EXPIRES ON
03-31-2011

9960 Mayland Dr., Suite 400, Richmond, VA 23233
Telephone: (804) 367-8500

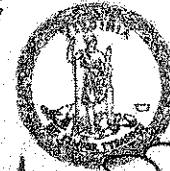
NUMBER
3333 000266

VIRGINIA ASBESTOS LICENSE
ASBESTOS ANALYTICAL LABORATORY LICENSE

PCM
PLM
TEM

AMERICA SCIENCE TEAM RICHMOND, INC
13635 GENITO ROAD

MIDLOTHIAN, VA 23112



Jay W. DeBoer
Jay W. DeBoer, Director

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ASBESTOS ANALYTICAL LABORATORY
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9960 Mayland Dr., Suite 400, Richmond, VA 23233

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EXPIRES ON
04-30-2011

9960 Mayland Dr., Suite 400, Richmond, VA 23233
Telephone: (804) 367-8500

NUMBER
3303 003537

VIRGINIA ASBESTOS LICENSE
INSPECTOR LICENSE

THOMAS P FERRO

PO BOX 35
HALSTEAD, PA 19922



Jay W. DeBoer
Jay W. DeBoer, Director

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33A OSPREY LN

GARDINER NY 12525



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22 JOSH LANE

DANBURY CT 06811



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Telephone: (804) 367-8500

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06-30-2011

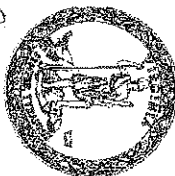
NUMBER

3303 003575

VIRGINIA ASBESTOS LICENSE
INSPECTOR LICENSE

ROBERT A SEE
15 BOYCE ST

BEACON, NY 12508



Gordon N. Dixon
Gordon N. Dixon, Director

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NUMBER: 3303 003575 EXPIRES: 06-30-2011

ROBERT A SEE
15 BOYCE ST

BEACON NY 12508



DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
9960 Mayland Dr., Suite 400, Richmond, VA 23233

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