



Adelaide Environmental Health Associates, Inc.

**COMPREHENSIVE SURVEY FOR ASBESTOS CONTAINING
MATERIALS**

PERFORMED AT:

**Building 9
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:

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Submitted by:

**Stephanie A. Soter
President**

COMPREHENSIVE SURVEY FOR ASBESTOS CONTAINING MATERIALS

TABLE OF CONTENTS

| | | |
|------------|---|----------|
| 1.0 | Background/Purpose | 1 |
| 2.0 | Executive Summary of Inspection Results | 1 |
| 3.0 | Asbestos Field Procedures and Analysis Methodology | 4 |
| 3.1 | Inspection | 4 |
| 3.2 | Sampling | 5 |
| 3.3 | Analysis | 6 |
| 4.0 | Conclusions and Recommendations | 6 |
| 5.0 | Areas not Accessible | 6 |
| 6.0 | Report Certifications | 6 |

APPENDICES

| | |
|---|-------------------|
| Tabular List of Positive Materials by Room | Appendix A |
| Asbestos Report Form | Appendix B |
| Asbestos Analytical Results and Chain of Custody Forms | Appendix C |
| Sample Location Map and Photos | Appendix D |
| Personnel and Laboratory Certifications | Appendix E |

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 9 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 1941. Following the scope of work that was provided from the VAMC, Adelaide inspected all accessible areas of Building 9. 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 sixty-six (66) 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 asbestos sample report form, which assesses the condition of each ACM as found at the time of this survey and identifies any high-priority areas requiring immediate attention.

Table 2.0 - Summary of Asbestos Containing Materials

| Material | Approximate Quantity | Locations Of Material | Asbestos Content and Type |
|--|----------------------|---|---------------------------|
| Samples Taken by Adelaide Environmental | | | |
| Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 17869 SF | 101,102,103,105,105A,106,108A-108H,108,112,133,115,116,132A,132,119,119A,120,134,127,127A,129,130A,130,131,201,202,203,236,205,206,208,208A-208H,212,238,212A,212B,215,216,217,219A-219F,237A,237B,222,228,223,224,225,227,231,231A,239,232,233,234 and 235 | 5% Chrysotile |
| Old Exterior Window Caulk | 5000 LF | All Exterior Windows | 4% Chrysotile |
| 12"x12" Floor Tile—White with gold marks | 391 SF | Room 227A | 2% Chrysotile |
| Floor Tile Mastic for 12"x12" white with gold marks | 391 SF | Room 227A | 5% Chrysotile |
| Suspect Pipe Insulation Debris on the Floor** | 23 SF | Chase 110A | 67% Chrysotile |
| 12"x12" Floor Tile – Off White with small and few gold marks | 4044 SF | Room 11, 11B, 11C, 12, Corridor 13, 13A, 14 | 2% Chrysotile |
| Floor tile mastic for 12"x12" Floor Tile – Off White with small and few gold marks | 4044 SF | Room 11, 11B, 11C, 12, Corridor 13, 13A, 14 | 6% Chrysotile |
| Kitchen Sink Basin Coating | 4 SF | Room 11B | 4% Chrysotile |
| Exterior Door Caulk | 500 LF | All Exterior Doors | 4% Chrysotile |
| Samples Taken by Applied Laboratory Services (ALS) in 2002 | | | |
| 4" and 2" TSI Pipe Insulation | - | Multiple Locations (Refer to Appendix A) | 20% Chrysotile |
| 1" TSI Pipe Insulation | - | Multiple Locations (Refer to Appendix A) | 15% Chrysotile |
| 4" TSI Elbow Insulation | - | Multiple Locations (Refer to Appendix A) | 20% Amosite |
| All Pipe and fitting insulation (not fiberglass) | 422 LF* | Rooms 4a,4b,4d,6,7b,8,13B,101,110A,117A,117,118A,119,119A,130A and 130 | Refer to samples above |
| 9"x9" Floor Tile – Light Green with tan and white mottles | 727 SF | Rooms 3, 3a, 3c and 4 | 4% Chrysotile |

| | | | |
|---|--------|---|---------------|
| 9"x9" Floor Tile – Beige(tan) with white and brown streaks | 201 SF | Rooms 4b, 4c and 110 | 4% Chrysotile |
| 9"x9" Floor Tile – Reddish Brown with Red and cream streaks | 241 SF | Rooms 102B, 107, 125, 210, 218 and 229 | 5% Chrysotile |

*Quantity observed

**Area needs to be decontaminated

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:

- #4 – Floor Tile Mastic associated with HA #3
- #9 – Old Exterior Window Caulk
- #10 – Exterior Door Caulk
- #13 – 12"x12" Floor Tile – White with Gold marks
- #14 – Floor Tile Mastic Associated with HA#13
- #16 – Suspect Pipe Insulation Debris on the Floor
- #21 – 12"x12" Floor Tile – Off White with small and few gold marks.
- #22 – Floor Tile Mastic associated with HA #21
- #23 – Kitchen Sink Basin – Black coating on underside
- #28 – Asbestos Pipe Insulation
- #29 – Asbestos Pipe Fitting Insulation
- #30 – 9"x9" Floor Tile – Light Green with tan and white mottles
- #31 – 9"x9" Floor Tile – Beige(tan) with white and brown streaks
- #32 – 9"x9" Floor Tile – Reddish Brown with Red and cream streaks
- #33 – Elevator Control Panel Boards
- #34 – Elevator Brake Pads
- #35 – Wooden Pillar caulk on exterior porches(homogenous with building 10)

Negative Material List

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

- Brick Mortar
- Mudded pipe fitting insulation for the fiberglass insulated pipes
- Stone Mortar
- 2'x2' Beige and White Ceiling Tiles
- 2'x4' Beige and White Ceiling Tiles
- Wall and ceiling plasters – Top and Base coats

- Brown Wall board
- 12"x12" Floor Tile – Off white with light brown streaks
- Drywall
- Joint compound
- Window Glazing compound
- CMU Mortar
- Penetration fire stop (white/gray)
- Carpet Glue
- Duct vibration cloth in attic
- Glue pucks for 1'x1' Ceiling and wall tiles
- 1'x1' Ceiling Tiles
- Crawlspace access door fire insulation
- Mudded tank insulation in the sub-basement mechanical steam room
- 9"x9" Floor tile mastic

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 |
|---------|-----------------|--|----------|------------------------------------|
| 3 | 30 | 9"x9" Floor Tile - Light Green w/ white and tan mottles | 170 SF | Good/Defer Action/None Required |
| 3a | 30 | 9"x9" Floor Tile - Light Green w/ white and tan mottles | 167 SF | Good/Defer Action/None Required |
| 3c | 30 | 9"x9" Floor Tile - Light Green w/ white and tan mottles | 51 SF | Good/Defer Action/None Required |
| 4 | 30 | Carpet on top of 9"x9" Floor Tile - Light Green w/ white and tan mottles | 339 SF | Good/Defer Action/None Required |
| 4a | 28 | MAG Pipe Insulation (above drop ceiling) | 20 LF | Good/Defer Action/None Required |
| 4b | 31 | 9"x9" Floor Tile - Beige(tan) w/ white and brown streaks | 171 SF | Good/Defer Action/None Required |
| | 28 | Pipe Insulation | 50 LF | Damaged/Remove/ Required |
| | 29 | Pipe Fitting Insulation | 8 LF | Damaged/Remove/ Required |
| 4c | 31 | Carpet over 9"x9" Floor Tile - Beige(tan) w/ white and brown streaks | 120 SF | Good/Defer Action/None Required |
| 4d | 28 | Pipe Insulation | 20 LF | Good/Defer Action/None Required |
| 6 | 28 | Pipe Insulation (Visible inside chase) | 20 LF | Good/Defer Action/None Required |
| 7b | 28 | Pipe Insulation (Visible inside chase) | 20 LF | Good/Defer Action/None Required |
| 8 | 28 | Possible Pipe Insulation above plaster ceiling area without access hatches | Unknown | Unknown |

Areas which require immediate attention are in **bold**

APPENDIX A - TABULAR LIST OF POSITIVE MATERIALS BY ROOM

| Space # | Homogenous Area | Material Description | Quantity | Condition Response Action |
|--------------|-----------------|--|----------|---------------------------------|
| 11 | 21 | 12"x12" Floor Tile – Off White with small and few gold marks | 1822 SF | Good/Defer Action/None Required |
| | 22 | Floor tile mastic for 12"x12" Floor Tile – Off White with small and few gold marks | 1822 SF | Good/Defer Action/None Required |
| 11B | 21 | 12"x12" Floor Tile – Off White with small and few gold marks | 144 SF | Good/Defer Action/None Required |
| | 22 | Floor tile mastic for 12"x12" Floor Tile – Off White with small and few gold marks | 144 SF | Good/Defer Action/None Required |
| | 23 | Kitchen Sink Basin Coating | 4 SF | Good/Defer Action/None Required |
| 11C | 21 | 12"x12" Floor Tile – Off White with small and few gold marks | 98 SF | Good/Defer Action/None Required |
| | 22 | Floor tile mastic for 12"x12" Floor Tile – Off White with small and few gold marks | 98 SF | Good/Defer Action/None Required |
| 12 | 21 | 12"x12" Floor Tile – Off White with small and few gold marks | 66 SF | Good/Defer Action/None Required |
| | 22 | Floor tile mastic for 12"x12" Floor Tile – Off White with small and few gold marks | 66 SF | Good/Defer Action/None Required |
| Corridor 13 | 21 | 12"x12" Floor Tile – Off White with small and few gold marks | 833 SF | Good/Defer Action/None Required |
| | 22 | Floor tile mastic for 12"x12" Floor Tile – Off White with small and few gold marks | 833 SF | Good/Defer Action/None Required |
| Corridor 13A | 21 | 12"x12" Floor Tile – Off White with small and few gold marks | 500 SF | Good/Defer Action/None Required |

Areas which require immediate attention are in **bold**

APPENDIX A - TABULAR LIST OF POSITIVE MATERIALS BY ROOM

| Space # | Homogenous Area | Material Description | Quantity | Condition Response Action |
|--------------|-----------------|--|--------------|--|
| Corridor 13A | 22 | Floor tile mastic for 12"x12" Floor Tile – Off White with small and few gold marks | 500 SF | Good/Defer Action/None Required |
| Corridor 14 | 21 | 12"x12" Floor Tile – Off White with small and few gold marks | 581 SF | Good/Defer Action/None Required |
| | 22 | Floor tile mastic for 12"x12" Floor Tile – Off White with small and few gold marks | 581 SF | Good/Defer Action/None Required |
| Chase 13B | 28 | Pipe Insulation | 100 LF | Good/Defer Action/None Required |
| | 29 | Pipe Fitting Insulation | 34 LF | Good/Defer Action/None Required |
| Lobby 101 | 28 | Pipe Insulation above plaster ceiling | 14 LF | Significant Damage/Remove/ Required |
| | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 250 SF | Good/Defer Action/None Required |
| 102 | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 156 SF | Good/Defer Action/None Required |
| 102B | 32 | 9"x9" Floor Tile - Reddish Brown w/ Red and Cream Streaks | 30 SF | Good/Defer Action/None Required |
| 103 | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 30 SF | Good/Defer Action/None Required |
| 105 | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 220 SF | Good/Defer Action/None Required |
| 105A | 4 | Carpet over Floor tiles - Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 110 SF | Good/Defer Action/None Required |
| 106 | 4 | Carpet over Floor tiles - Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 300 SF | Good/Defer Action/None Required |
| 107 | 32 | 9"x9" Floor Tile - Reddish Brown w/ Red and Cream Streaks | 60 SF | Good/Defer Action/None Required |

Areas which require immediate attention are in **bold**

APPENDIX A - TABULAR LIST OF POSITIVE MATERIALS BY ROOM

| Space # | Homogenous Area | Material Description | Quantity | Condition Response Action |
|-----------------|-----------------|--|--------------|---|
| Suite 108A-108H | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 896 SF | Good/Defer Action/None Required |
| Corridor 108 | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 317 SF | Good/Defer Action/None Required |
| 110 | 31 | 9"x9" Floor Tile - Beige(tan) w/ white and brown streaks | 31 SF | Good/Defer Action/None Required |
| Chase 110A | 16 | Poorly abated pipes and pipe insulation debris on the floor | 23 SF | Significant Damage/Removal /Required-High Priority |
| 112 | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 1335 SF | Good/Defer Action/None Required |
| Chase 112B | 29 | Poorly abated pipe fittings | 1 LF | Significant Damage/Removal /Required-High Priority |
| Porch 112A | 9 | Exterior Window Caulk | 40 LF | Good/Defer Action/None Required |
| | 10 | Exterior Door Caulk | 17 LF | Good/Defer Action/None Required |
| | 35 | Pillar Caulk | 80 LF | Good/Defer Action/None Required |
| Corridor 133 | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 242 SF | Good/Defer Action/None Required |
| 115 | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 112 SF | Good/Defer Action/None Required |
| 116 | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 130 SF | Good/Defer Action/None Required |
| 117A | 28 | Pipe Insulation above drop ceiling | 7 LF | Good/Defer Action/None Required |

Areas which require immediate attention are in **bold**

APPENDIX A - TABULAR LIST OF POSITIVE MATERIALS BY ROOM

| Space # | Homogenous Area | Material Description | Quantity | Condition Response Action |
|---------------|-----------------|--|----------|--|
| 117A | 29 | Pipe Fitting Insulation | 9 LF | Good/Defer Action/None Required |
| 117 | 28 | Pipe Insulation above drop ceiling | 40 LF | Damage/Removal /Required |
| | 29 | Pipe Fitting Insulation | 8 LF | Damage/Removal /Required |
| 118A | 28 | Very poorly abated pipe insulation above drop ceiling | 3 LF | Significant Damage/Removal /Required-High Priority |
| Corridor 132A | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 213 SF | Good/Defer Action/None Required |
| Corridor 132 | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 616 SF | Good/Defer Action/None Required |
| 119 | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 119 SF | Good/Defer Action/None Required |
| | 28 | Pipe Insulation above drop ceiling | 6 LF | Significant Damage/Removal /Required-High Priority |
| | 29 | Pipe Fitting Insulation above drop ceiling | 1 LF | Significant Damage/Removal /Required-High Priority |
| 119A | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 113 SF | Good/Defer Action/None Required |
| | 28 | Pipe Insulation above drop ceiling | 7 LF | Significant Damage/Removal /Required-High Priority |
| 120 | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 120 SF | Good/Defer Action/None Required |
| Corridor 134 | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 242 SF | Good/Defer Action/None Required |

Areas which require immediate attention are in **bold**

APPENDIX A - TABULAR LIST OF POSITIVE MATERIALS BY ROOM

| Space # | Homogenous Area | Material Description | Quantity | Condition Response Action |
|---------|-----------------|--|--------------|---|
| 125 | 32 | 9"x9" Floor Tile - Reddish Brown w/ Red and Cream Streaks | 29 SF | Good/Defer Action/None Required |
| 127 | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 900 SF | Good/Defer Action/None Required |
| 127A | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 435 SF | Good/Defer Action/None Required |
| 129 | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 250 SF | Good/Defer Action/None Required |
| 130A | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 110 SF | Good/Defer Action/None Required |
| | 28 | Pipe Insulation above drop ceiling | 15 LF | Significant Damage/Removal /Required-High Priority |
| 130 | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 196 SF | Good/Defer Action/None Required |
| | 28 | Pipe Insulation above drop ceiling | 15 LF | Significant Damage/Removal /Required-High Priority |
| 131 | 4 | Carpet over floor tiles - Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 150 SF | Good/Defer Action/None Required |
| 201 | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 77 SF | Good/Defer Action/None Required |
| 201A | 4 | Carpet over floor tiles - Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 105 SF | Good/Defer Action/None Required |
| 202 | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 267 SF | Good/Defer Action/None Required |
| 203 | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 278 SF | Good/Defer Action/None Required |
| 236 | 4 | Carpet over floor tiles - Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 169 SF | Good/Defer Action/None Required |

Areas which require immediate attention are in **bold**

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| Space # | Homogenous Area | Material Description | Quantity | Condition Response Action |
|-----------------|-----------------|--|----------|---------------------------------|
| 205 | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 119 SF | Good/Defer Action/None Required |
| 206 | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 252 SF | Good/Defer Action/None Required |
| Corridor 208 | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 317 SF | Good/Defer Action/None Required |
| Rooms 208A-208H | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 896 SF | Good/Defer Action/None Required |
| 210 | 32 | 9"x9" Floor Tile - Reddish Brown w/ Red and Cream Streaks | 31 SF | Good/Defer Action/None Required |
| 212 | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 1027 SF | Good/Defer Action/None Required |
| Corridor 238 | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 242 SF | Good/Defer Action/None Required |
| 212A | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 154 SF | Good/Defer Action/None Required |
| 212B | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 154 SF | Good/Defer Action/None Required |
| Porch 212C | 9 | Exterior Window Caulk | 40 LF | Good/Defer Action/None Required |
| | 10 | Exterior Door Caulk | 17 SF | Good/Defer Action/None Required |
| | 35 | Pillar Caulk | 80 SF | Good/Defer Action/None Required |
| 215 | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 112 SF | Good/Defer Action/None Required |
| 216 | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 120 SF | Good/Defer Action/None Required |

Areas which require immediate attention are in **bold**

APPENDIX A - TABULAR LIST OF POSITIVE MATERIALS BY ROOM

| Space # | Homogenous Area | Material Description | Quantity | Condition Response Action |
|-----------------|-----------------|--|----------|---------------------------------|
| 217 | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 135 SF | Good/Defer Action/None Required |
| 218 | 32 | 9"x9" Floor Tile - Reddish Brown w/ Red and Cream Streaks | 62 SF | Good/Defer Action/None Required |
| Suite 219A-219F | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 1080 SF | Good/Defer Action/None Required |
| Corridor 237A | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 616 SF | Good/Defer Action/None Required |
| Corridor 237B | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 91 SF | Good/Defer Action/None Required |
| 222 | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 119 SF | Good/Defer Action/None Required |
| Corridor 228 | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 213 SF | Good/Defer Action/None Required |
| 223 | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 113 SF | Good/Defer Action/None Required |
| 224 | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 116 SF | Good/Defer Action/None Required |
| 225 | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 84 SF | Good/Defer Action/None Required |
| 227 | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 1335 SF | Good/Defer Action/None Required |
| 227A | 13 | 12"x12" Floor Tile – White with Gold marks | 391 SF | Good/Defer Action/None Required |
| | 14 | Floor Tile Mastic Associated with HA#13 | 391 SF | Good/Defer Action/None Required |
| 229 | 32 | 9"x9" Floor Tile - Reddish Brown w/ Red and Cream Streaks | 29 SF | Good/Defer Action/None Required |

Areas which require immediate attention are in **bold**

APPENDIX A - TABULAR LIST OF POSITIVE MATERIALS BY ROOM

| Space # | Homogenous Area | Material Description | Quantity | Condition Response Action |
|----------------------------------|-----------------|--|----------|---------------------------------|
| 231 | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 900 SF | Good/Defer Action/None Required |
| 231A | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 435 SF | Good/Defer Action/None Required |
| Corridor 239 | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 242 SF | Good/Defer Action/None Required |
| 232 | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 247 SF | Good/Defer Action/None Required |
| 233 | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 119 SF | Good/Defer Action/None Required |
| 234 | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 82 SF | Good/Defer Action/None Required |
| 235 | 4 | Floor Tile Mastic Associated with 12"x12" Off white with light brown streaks | 196 SF | Good/Defer Action/None Required |
| Elevator Machine Room (in attic) | 33 | Elevator Control Panel Boards | 80 SF | Good/Defer Action/None Required |
| | 34 | Elevator Brake Pads | 4 SF | Good/Defer Action/None Required |

Areas which require immediate attention are in **bold**

APPENDIX B

ASBESTOS REPORT FORM



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

ASBESTOS REPORT FORM

PROJECT NUMBER: VAMC:10079.00-IN

PROJECT LOCATION: Salem VA Medical Center - Building 9
1970 Roanoke Blvd
Salem, Virginia 24153

DATE RECEIVED: 6/7/2010
DATE COMPLETED: 6/14/2010
DATE REPORTED: 6/24/2010
TOTAL SAMPLE COUNT: 66
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. |
|--------------------------------|----|---|---------------|------------------------|------------------|----------|----------|----------|----------------|
| /110061651-01 | 1 | Floor 2 - Room 219 - Ceiling Plaster - Top Coat (white) | Surf. | F | 1 | | NAD | 10000 | D |
| /110061651-02 | 2 | Floor 2 - Room 219 - Ceiling Plaster - Top Coat (white) | Surf. | F | 1 | | NAD | 10000 | D |
| /110061651-03 | 3 | Floor 2 - Room 219 - Ceiling Plaster - Top Coat (white) | Surf. | F | 1 | | NAD | 10000 | D |
| /110061651-04 | 4 | Floor B - Room 8 - Ceiling Plaster - Top Coat (white) | Surf. | F | 1 | | NAD | 10000 | D |
| /110061651-05 | 5 | Floor B - Room 8 - Ceiling Plaster - Top Coat (white) | Surf. | F | 1 | | NAD | 10000 | D |

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NA/PS - Not Analyzed, Positive Stop
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|--------------------------------|----|---|---------------|------------------------|------------------|----------|----------|----------|----------------|
| /110061651-06 | 6 | Floor B - Room 11 - Ceiling Plaster - Top Coat (white) | Surf. | F | 1 | | NAD | 10000 | D |
| /110061651-07 | 7 | Floor B - Room 11 - Ceiling Plaster - Top Coat (white) | Surf. | F | 1 | | NAD | 10000 | D |
| /110061651-08 | 8 | Floor 2 - Room 219 - Ceiling Plaster - Base Coat (beige) | Surf. | F | 2 | | NAD | 10000 | D |
| /110061651-09 | 9 | Floor 2 - Room 219 - Ceiling Plaster - Base Coat (beige) | Surf. | F | 2 | | NAD | 10000 | D |
| /110061651-10 | 10 | Floor 2 - Room 219 - Ceiling Plaster - Base Coat (beige) | Surf. | F | 2 | | NAD | 10000 | D |
| /110061651-11 | 11 | Floor B - Room 8 - Ceiling Plaster - Base Coat (beige) | Surf. | F | 2 | | NAD | 10000 | D |
| /110061651-12 | 12 | Floor B - Room 8 - Ceiling Plaster - Base Coat (beige) | Surf. | F | 2 | | NAD | 10000 | D |

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|--------------------------------|----|--|---------------|------------------------|------------------|----------|------------------|----------|----------------|
| /110061651-13 | 13 | Floor B - Room 11 - Ceiling Plaster - Base Coat (beige) | Surf. | F | 2 | | NAD | 10000 | D |
| /110061651-14 | 14 | Floor B - Room 11 - Ceiling Plaster - Base Coat (beige) | Surf. | F | 2 | | NAD | 10000 | D |
| /110061651-15 | 15 | Floor 2 - Room 203 - 12"x12" Floor Tile - Off-White w/ Light Brown Streaks | Misc. | NF | 3 | | NAD | | G |
| /110061651-16 | 16 | Floor 2 - Room 203 - Floor tile mastic associated with HA #3 | Misc. | NF | 4 | | 5% Chrysotile | | G |
| /110061651-17 | 17 | Floor 1 - Corridor 134 - 12"x12" Floor Tile - Off-White w/ Light Brown Streaks | Misc. | NF | 3 | | NAD | | G |
| /110061651-18 | 18 | Floor 1 - Corridor 134 - Floor tile mastic associated with HA #3 | Misc. | NF | 4 | | NA/PS | | G |

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|--------------------------------|----|---|---------------|------------------------|------------------|----------|----------|----------|----------------|
| /110061651-19 | 19 | Floor 2 - Corridor 208 - Drywall | Misc. | F | 5 | | NAD | | G |
| /110061651-20 | 20 | Floor 2 - Corridor 208 - Drywall | Misc. | F | 5 | | NAD | | G |
| /110061651-21 | 21 | Floor 2 - Corridor 208 - Joint Compound | Misc. | F | 6 | | NAD | | G |
| /110061651-22 | 22 | Floor 2 - Corridor 208 - Joint Compound | Misc. | F | 6 | | NAD | | G |
| /110061651-23 | 23 | Floor 2 - Room 212C - Exterior Repair Window Glazing Compound | Misc. | NF | 7 | | NAD | | G |
| /110061651-24 | 24 | Floor 2 - Room 212C - Exterior Repair Window Glazing Compound | Misc. | NF | 7 | | NAD | | G |

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|--------------------------------|----|---|---------------|------------------------|------------------|----------|------------------|----------|----------------|
| /110061651-25 | 25 | Floor 2 - Room 212C - Exterior Window Glazing Compound | Misc. | NF | 8 | | NAD | | G |
| /110061651-26 | 26 | Floor 2 - Room 212C - Exterior Window Glazing Compound | Misc. | NF | 8 | | NAD | | G |
| /110061651-27 | 27 | Floor 2 - Room 212C - Old Exterior Window Caulk | Misc. | NF | 9 | | 4% Chrysotile | | G |
| /110061651-28 | 28 | Floor 2 - Room 212C - Old Exterior Window Caulk | Misc. | NF | 9 | | NA/PS | | G |
| /110061651-29 | 29 | Floor 2 - Room 212C - Exterior Door Caulk | Misc. | NF | 10 | | NAD | | G |
| /110061651-30 | 30 | Floor 2 - Pipe Chase next to Rm 217 - White/gray penetration firestop | Misc. | F | 11 | | NAD | | G |

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|--------------------------|----|---|---------------|---------------------|---------------|-------|---------------|----------|-------------|
| /110061651-31 | 31 | Floor 2 - Pipe Chase next to Rm 217 - White/gray penetration firestop | Misc. | F | 11 | | NAD | | G |
| /110061651-32 | 32 | Floor 2 - Pipe Chase next to Rm 217 - CMU Mortar | Misc. | F | 12 | | NAD | | G |
| /110061651-33 | 33 | Floor 2 - Pipe Chase next to Rm 217 - CMU Mortar | Misc. | F | 12 | | NAD | | G |
| /110061651-34 | 34 | Floor 2 - Room 227A - 12"x12" Floor tile - white w/ gold marks | Misc. | NF | 13 | | 2% Chrysotile | 391 SF | G |
| /110061651-35 | 35 | Floor 2 - Room 227A - 12"x12" Floor tile - white w/ gold marks | Misc. | NF | 13 | | NA/PS | 391 SF | G |
| /110061651-36 | 36 | Floor 2 - Room 227A - floor tile mastic associated with HA #13 | Misc. | NF | 14 | | 5% Chrysotile | 391 SF | G |

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|--------------------------------|----|--|---------------|------------------------|------------------|----------|-------------------|----------|----------------|
| /110061651-37 | 37 | Floor 2 - Room 227A - floor tile mastic associated with HA #13 | Misc. | NF | 14 | | NA/PS | 391 SF | G |
| /110061651-38 | 38 | Floor 1 - Room 106 - Carpet Glue | Misc. | NF | 15 | | NAD | | G |
| /110061651-39 | 39 | Floor 1 - Room 106 - Carpet Glue | Misc. | NF | 15 | | NAD | | G |
| /110061651-40 | 40 | Floor 1 - Chase 110A - Suspect pipe insulation debris on the floor | Misc. | F | 16 | | 67% Chrysotile | | SD |
| /110061651-41 | 41 | Floor 1 - Chase 110A - Suspect pipe insulation debris on pipe penetrating wall | Misc. | F | 16 | | NA/PS | | SD |
| /110061651-42 | 42 | Floor 1 - Room 108F - Mudded pipe fitting insulation on fiberglass pipe insulation lines | TSI | F | 17 | | NAD | | G |

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|--------------------------------|----|---|---------------|------------------------|------------------|----------|----------|----------|----------------|
| /110061651-43 | 43 | Floor 1 - Room 102 - Mudded pipe fitting insulation on fiberglass pipe insulation lines | TSI | F | 17 | | NAD | | G |
| /110061651-44 | 44 | Floor B - Room 2 - Mudded pipe fitting insulation on fiberglass pipe insulation lines | TSI | F | 17 | | NAD | | G |
| /110061651-45 | 45 | Floor A - Elevator Machine room in Attic - Duct Vibration cloth | Misc. | NF | 18 | | NAD | | G |
| /110061651-46 | 46 | Floor A - Elevator Machine room in Attic - Duct Vibration cloth | Misc. | NF | 18 | | NAD | | G |
| /110061651-47 | 47 | Floor B - Room 4D - 1'x1' wall and ceiling tiles (w/ evenly spaced holes) | Misc. | F | 19 | | NAD | | G |
| /110061651-48 | 48 | Floor B - Room 4D - 1'x1' wall and ceiling tiles (w/ evenly spaced holes) | Misc. | F | 19 | | NAD | | G |

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|--------------------------------|----|---|---------------|------------------------|------------------|----------|------------------|----------|----------------|
| /110061651-49 | 49 | Floor B - Room 4C - Glue pucks for the HA #19 | Misc. | NF | 20 | | NAD | | G |
| /110061651-50 | 50 | Floor B - Room 4C - Glue pucks for the HA #19 | Misc. | NF | 20 | | NAD | | G |
| /110061651-51 | 51 | Floor B - Corridor 14 - 12"x12" Floor tile - Off-white w/ small and few gold marks | Misc. | NF | 21 | | 2% Chrysotile | 581 SF | G |
| /110061651-52 | 52 | Floor B - Corridor 13A - 12"x12" Floor tile - Off-white w/ small and few gold marks | Misc. | NF | 21 | | NA/PS | | G |
| /110061651-53 | 53 | Floor B - Corridor 14 - floor tile mastic associated with HA # 21 | Misc. | NF | 22 | | 6% Chrysotile | 581 SF | G |
| /110061651-54 | 54 | Floor B - Corridor 13A - floor tile mastic associated with HA # 21 | Misc. | NF | 22 | | NA/PS | | G |

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|--------------------------|----|--|---------------|---------------------|---------------|-------|---------------|----------|-------------|
| /110061651-55 | 55 | Floor B - Room 11B - Kitchen sink basin - Black coating on underside | Misc. | NF | 23 | | 4% Chrysotile | | G |
| /110061651-56 | 56 | Floor B - Room 11B - Kitchen sink basin - Black coating on underside | Misc. | NF | 23 | | NA/PS | | G |
| /110061651-57 | 57 | Floor B - Crawlspace Access Door - door insulation | Misc. | F | 24 | | NAD | | G |
| /110061651-58 | 58 | Floor B - Crawlspace Access Door - door insulation | Misc. | F | 24 | | NAD | | G |
| /110061651-59 | 59 | Floor SB - Sub-Basement Mechanical/Steam Room - Mudded Tank Insulation (white) | TSI | F | 25 | | NAD | | G |
| /110061651-60 | 60 | Floor SB - Sub-Basement Mechanical/Steam Room - Mudded Tank Insulation (white) | TSI | F | 25 | | NAD | | G |

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|--------------------------|----|--|---------------|---------------------|---------------|-------|---------------|----------|-------------|
| /110061651-61 | 61 | Floor SB - Sub-Basement Mechanical/Steam Room - Mudded Tank Insulation (white) | TSI | F | 25 | | NAD | | G |
| /110061651-62 | 62 | Floor G - Exterior Door Caulk | Misc. | NF | 10 | | 4% Chrysotile | | G |
| /110061651-63 | 63 | Floor G - Exterior - Stone mortar | Misc. | F | 26 | | NAD | | G |
| /110061651-64 | 64 | Floor G - Exterior - Stone mortar | Misc. | F | 26 | | NAD | | G |
| /110061651-65 | 65 | Floor G - Exterior - Brick Mortar | Misc. | F | 27 | | NAD | | G |
| /110061651-66 | 66 | Floor G - Exterior - Brick Mortar | Misc. | F | 27 | | NAD | | G |

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**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 #** 110061651
Date Examined 06/24/10 **P.O. #**
Page 1 of 12
RE: VAMC:10079.00-IN; Salem VA Medical Center; Building 9;
1970 Roanoke Blvd, Salem, Virginia 24153

| Client No. / HGA | Lab No. | Asbestos Present | Total % Asbestos |
|--|---|------------------|---|
| 1 | 110061651-01 | No | NAD |
| 1 | Location: Room 219 - Ceiling Plaster - Top Coat (White) | | (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose Trace, Non-fibrous 100 % | | | |
| 2 | 110061651-02 | No | NAD |
| 1 | Location: Room 219 - Ceiling Plaster - Top Coat (White) | | (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 % | | | |
| 3 | 110061651-03 | No | NAD |
| 1 | Location: Room 219 - Ceiling Plaster - Top Coat (White) | | (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 % | | | |
| 4 | 110061651-04 | No | NAD |
| 1 | Location: Room 8 - Ceiling Plaster - Top Coat (White) | | (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 % | | | |
| 5 | 110061651-05 | No | NAD |
| 1 | Location: Room 8 - Ceiling Plaster - Top Coat (White) | | (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 % | | | |

See Reporting notes on last page

Client Name: Adelaide Environmental Health

PLM Bulk Asbestos ReportVAMC:10079.00-IN; Salem VA Medical Center; Building 9;
1970 Roanoke Blvd, Salem, Virginia 24153

| Client No. / HGA | Lab No. | Asbestos Present | Total % Asbestos |
|--|--|------------------|--|
| 6 1 | 110061651-06 Location: Room 11 - Ceiling Plaster - Top Coat (White) | No | NAD (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 % | | | |
| 7 1 | 110061651-07 Location: Room 11 - Ceiling Plaster - Top Coat (White) | No | NAD (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 % | | | |
| 8 2 | 110061651-08 Location: Room 219 - Ceiling Plaster - Base Coat (Beige) | No | NAD (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: Brown, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Animal hair Trace, Non-fibrous 100 % | | | |
| 9 2 | 110061651-09 Location: Room 219 - Ceiling Plaster - Base Coat (Beige) | No | NAD (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: Brown, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose Trace, Non-fibrous 100 % | | | |
| 10 2 | 110061651-10 Location: Room 219 - Ceiling Plaster - Base Coat (Beige) | No | NAD (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: Brown, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose Trace, Non-fibrous 100 % | | | |
| 11 2 | 110061651-11 Location: Room - Ceiling Plaster - Base Coat (Beige) | No | NAD (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: Brown, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose Trace, Non-fibrous 100 % | | | |

See Reporting notes on last page

PLM Bulk Asbestos Report

VAMC:10079.00-IN; Salem VA Medical Center; Building 9;
1970 Roanoke Blvd, Salem, Virginia 24153

| Client No. / HGA | Lab No. | Asbestos Present | Total % Asbestos |
|---|---|------------------|--|
| 12 2 | 110061651-12 Location: Room - Ceiling Plaster - Base Coat (Beige) | No | NAD (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: Brown, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose Trace, Non-fibrous 100 % | | | |
| 13 2 | 110061651-13 Location: Room 11 - Ceiling Plaster - Base Coat (Beige) | No | NAD (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose Trace, Non-fibrous 100 % | | | |
| 14 2 | 110061651-14 Location: Room 8 - Ceiling Plaster - Base Coat (Beige) | No | NAD (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: Brown, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose Trace, Non-fibrous 100 % | | | |
| 15 3 | 110061651-15 Location: Room 203 - 12"x12" Floor Tile - Off-White w/Light Brown Streaks | No | NAD (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: Off White, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 % | | | |
| 16 4 | 110061651-16 Location: Room 203 - Floor Tile Mastic Associated With HA #3 | Yes | 5 % (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 5.0 % Other Material: Non-fibrous 95 % | | | |
| 17 3 | 110061651-17 Location: Corridor 134 - 12"x12" Floor Tile - Off-White w/Light Brown Streaks | No | NAD (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: Off White, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 % | | | |

Client Name: Adelaide Environmental Health

PLM Bulk Asbestos ReportVAMC:10079.00-IN; Salem VA Medical Center; Building 9;
1970 Roanoke Blvd, Salem, Virginia 24153

| Client No. / HGA | Lab No. | Asbestos Present | Total % Asbestos |
|--|--|------------------|--|
| 18 4 | 110061651-18 Location: Corridor 134 - Floor Tile Mastic Associated With HA #3 | | NA/PS |
| Analyst Description: Bulk Material Asbestos Types: Other Material: | | | |
| 19 5 | 110061651-19 Location: Corridor 208 - Drywall | No | NAD (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: Off White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 4 %, Fibrous glass 2 %, Non-fibrous 94 % | | | |
| 20 5 | 110061651-20 Location: Corridor 208 - Drywall | No | NAD (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: Off White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 4 %, Fibrous glass 2 %, Non-fibrous 94 % | | | |
| 21 6 | 110061651-21 Location: Corridor 208 - Joint Compound | No | NAD (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 % | | | |
| 22 6 | 110061651-22 Location: Corridor 208 - Joint Compound | No | NAD (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 % | | | |
| 23 7 | 110061651-23 Location: Room 212C - Exterior Repair Window Glazing Compound | No | NAD (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: Beige, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 % | | | |

See Reporting notes on last page

Client Name: Adelaide Environmental Health

PLM Bulk Asbestos Report

VAMC:10079.00-IN; Salem VA Medical Center; Building 9;
1970 Roanoke Blvd, Salem, Virginia 24153

| Client No. / HGA | Lab No. | Asbestos Present | Total % Asbestos |
|---|---|------------------|--|
| 24 7 | 110061651-24 Location: Room 212C - Exterior Repair Window Glazing Compound | No | NAD (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: Beige, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 % | | | |
| 25 8 | 110061651-25 Location: Room 212C - Exterior Window Glazing Compound | No | NAD (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: Beige, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 % | | | |
| 26 8 | 110061651-26 Location: Room 212C - Exterior Window Glazing Compound | No | NAD (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: Beige, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 % | | | |
| 27 9 | 110061651-27 Location: Room 212C - Old Exterior Window Caulk | Yes | 4 % (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: Tan/Yellow, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 4.0 % Other Material: Non-fibrous 96 % | | | |
| 28 9 | 110061651-28 Location: Room 212C - Old Exterior Window Caulk | | NA/PS |
| Analyst Description: Bulk Material Asbestos Types: Other Material: | | | |
| 29 10 | 110061651-29 Location: Room 212C - Exterior Door Caulk | No | NAD (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 % | | | |

See Reporting notes on last page

Client Name: Adelaide Environmental Health

PLM Bulk Asbestos ReportVAMC:10079.00-IN; Salem VA Medical Center; Building 9;
1970 Roanoke Blvd, Salem, Virginia 24153

| Client No. / HGA | Lab No. | Asbestos Present | Total % Asbestos |
|---|--|------------------|--|
| 30 11 | 110061651-30 Location: Pipe Chase Next to Rm 217 - White/Gray Penetration Firestop | No | NAD (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: White/Gray, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 % | | | |
| 31 11 | 110061651-31 Location: Pipe Chase Next to Rm 217 - White/Gray Penetration Firestop | No | NAD (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: White/Gray, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 % | | | |
| 32 12 | 110061651-32 Location: Pipe Chase Next to Rm 217 - CMU Mortar | No | NAD (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 % | | | |
| 33 12 | 110061651-33 Location: Pipe Chase Next to Rm 217 - CMU Mortar | No | NAD (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 % | | | |
| 34 13 | 110061651-34 Location: Room 227A - 12"x12" Floor Tile - White w/Gold Marks | Yes | 2 % (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: White/Gold, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 2.0 % Other Material: Non-fibrous 98 % | | | |
| 35 13 | 110061651-35 Location: Room 227A - 12"x12" Floor Tile - White w/Gold Marks | | NA/PS |
| Analyst Description: Bulk Material Asbestos Types: Other Material: | | | |

See Reporting notes on last page

Client Name: Adelaide Environmental Health

PLM Bulk Asbestos ReportVAMC:10079.00-IN; Salem VA Medical Center; Building 9;
1970 Roanoke Blvd, Salem, Virginia 24153

| Client No. / HGA | Lab No. | Asbestos Present | Total % Asbestos |
|---|--|------------------|---|
| 36 14 | 110061651-36 Location: Room 227A - Floor Tile Mastic Associated With HA #13 | Yes | 5 % (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 5.0 % Other Material: Non-fibrous 95 % | | | |
| 37 14 | 110061651-37 Location: Room 227A - Floor Tile Mastic Associated With HA #13 | | NA/PS |
| Analyst Description: Bulk Material Asbestos Types: Other Material: | | | |
| 38 15 | 110061651-38 Location: Room 106 - Carpet Glue | No | NAD (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: Tan/Yellow, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Synthetic fibers Trace, Non-fibrous 100 % | | | |
| 39 15 | 110061651-39 Location: Room 106 - Carpet Glue | No | NAD (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: Tan/Yellow, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Synthetic fibers Trace, Non-fibrous 100 % | | | |
| 40 16 | 110061651-40 Location: Chase 110A - Suspect Pipe Insulation Debris On The Floor | Yes | 67 % (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Chrysotile 67.0 % Other Material: Non-fibrous 33 % | | | |
| 41 16 | 110061651-41 Location: Chase 110A - Suspect Pipe Insulation Debris On Pipe Penetrating Wall | | NA/PS |
| Analyst Description: Bulk Material Asbestos Types: Other Material: | | | |

See Reporting notes on last page

Client Name: Adelaide Environmental Health

PLM Bulk Asbestos ReportVAMC:10079.00-IN; Salem VA Medical Center; Building 9;
1970 Roanoke Blvd, Salem, Virginia 24153

| Client No. / HGA | Lab No. | Asbestos Present | Total % Asbestos |
|---|--|------------------|---|
| 42 | 110061651-42 | No | NAD |
| 17 | Location: Room 108F - Mudded Pipe Fitting Insulation On Fiberglass Pipe Insulation Lines | | (by CVES) by David W. Raibovsky on 06/24/10 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material | | | |
| Asbestos Types: | | | |
| Other Material: Fibrous glass 10 %, Non-fibrous 90 % | | | |
| 43 | 110061651-43 | No | NAD |
| 17 | Location: Room 102 - Mudded Pipe Fitting Insulation On Fiberglass Pipe Insulation Lines | | (by CVES) by David W. Raibovsky on 06/24/10 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material | | | |
| Asbestos Types: | | | |
| Other Material: Fibrous glass 10 %, Non-fibrous 90 % | | | |
| 44 | 110061651-44 | No | NAD |
| 17 | Location: Room 2 - Mudded Pipe Fitting Insulation On Fiberglass Pipe Insulation Lines | | (by CVES) by David W. Raibovsky on 06/24/10 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material | | | |
| Asbestos Types: | | | |
| Other Material: Fibrous glass 10 %, Non-fibrous 90 % | | | |
| 45 | 110061651-45 | No | NAD |
| 18 | Location: Elevator Machine Room In Attic - Duct Vibration Cloth | | (by CVES) by David W. Raibovsky on 06/24/10 |
| Analyst Description: Beige, Heterogeneous, Fibrous, Bulk Material | | | |
| Asbestos Types: | | | |
| Other Material: Cellulose 97 %, Non-fibrous 3 % | | | |
| 46 | 110061651-46 | No | NAD |
| 18 | Location: Elevator Machine Room In Attic - Duct Vibration Cloth | | (by CVES) by David W. Raibovsky on 06/24/10 |
| Analyst Description: Beige, Heterogeneous, Fibrous, Bulk Material | | | |
| Asbestos Types: | | | |
| Other Material: Cellulose 97 %, Non-fibrous 3 % | | | |
| 47 | 110061651-47 | No | NAD |
| 19 | Location: Room 4D - 1'x1' Wall and Ceiling Tiles (w/Evenly Spaced Holes) | | (by CVES) by David W. Raibovsky on 06/24/10 |
| Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material | | | |
| Asbestos Types: | | | |
| Other Material: Cellulose 97 %, Non-fibrous 3 % | | | |

See Reporting notes on last page

Client Name: Adelaide Environmental Health

PLM Bulk Asbestos ReportVAMC:10079.00-IN; Salem VA Medical Center; Building 9;
1970 Roanoke Blvd, Salem, Virginia 24153

| Client No. / HGA | Lab No. | Asbestos Present | Total % Asbestos |
|---|--|------------------|---|
| 48 | 110061651-48 | No | NAD |
| 19 | Location: Room 4D - 1'x1' Wall and Ceiling Tiles (w/Evenly Spaced Holes) | | (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: Brown, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 97 %, Non-fibrous 3 % | | | |
| 49 | 110061651-49 | No | NAD |
| 20 | Location: Room 4C - Glue Pucks for the HA #19 | | (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose Trace, Non-fibrous 100 % | | | |
| 50 | 110061651-50 | No | NAD |
| 20 | Location: Room 4C - Glue Pucks for the HA #19 | | (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose Trace, Non-fibrous 100 % | | | |
| 51 | 110061651-51 | Yes | 2 % |
| 21 | Location: Corridor 14 - 12"x12" Floor Tile - Off-White w/Small and Few Gold Marks | | (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: Off White/Gold, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 2.0 % Other Material: Non-fibrous 98 % | | | |
| 52 | 110061651-52 | | NA/PS |
| 21 | Location: Corridor 13A - 12"x12" Floor Tile - Off-White w/Small and Few Gold Marks | | |
| Analyst Description: Bulk Material Asbestos Types: Other Material: | | | |
| 53 | 110061651-53 | Yes | 6 % |
| 22 | Location: Corridor 14 - Floor Tile Mastic Associated With HA #21 | | (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 6.0 % Other Material: Non-fibrous 94 % | | | |

See Reporting notes on last page

Client Name: Adelaide Environmental Health

PLM Bulk Asbestos ReportVAMC:10079.00-IN; Salem VA Medical Center; Building 9;
1970 Roanoke Blvd, Salem, Virginia 24153

| Client No. / HGA | Lab No. | Asbestos Present | Total % Asbestos |
|---|---|------------------|---|
| 54 | 110061651-54 | | NA/PS |
| 22 | Location: Corridor 13A - Floor Tile Mastic Associated With HA #21 | | |
| Analyst Description: Bulk Material | | | |
| Asbestos Types: | | | |
| Other Material: | | | |
| 55 | 110061651-55 | Yes | 4 % |
| 23 | Location: Room 11B - Kitchen Sink Basin - Black Coating On Underside | | (by CVES) by David W. Raibovsky on 06/24/10 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material | | | |
| Asbestos Types: Chrysotile 4.0 % | | | |
| Other Material: Non-fibrous 96 % | | | |
| 56 | 110061651-56 | | NA/PS |
| 23 | Location: Room 11B - Kitchen Sink Basin - Black Coating On Underside | | |
| Analyst Description: Bulk Material | | | |
| Asbestos Types: | | | |
| Other Material: | | | |
| 57 | 110061651-57 | No | NAD |
| 24 | Location: Crawlspace Access Door - Door Insulation | | (by CVES) by David W. Raibovsky on 06/24/10 |
| Analyst Description: Brown, Heterogeneous, Fibrous, Bulk Material | | | |
| Asbestos Types: | | | |
| Other Material: Cellulose 95 %, Non-fibrous 5 % | | | |
| 58 | 110061651-58 | No | NAD |
| 24 | Location: Crawlspace Access Door - Door Insulation | | (by CVES) by David W. Raibovsky on 06/24/10 |
| Analyst Description: Brown, Heterogeneous, Fibrous, Bulk Material | | | |
| Asbestos Types: | | | |
| Other Material: Cellulose 97 %, Non-fibrous 3 % | | | |
| 59 | 110061651-59 | No | NAD |
| 25 | Location: Sub-Basement Mechanical/Steam Room - Mudded Tank Insulation (White) | | (by CVES) by David W. Raibovsky on 06/24/10 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material | | | |
| Asbestos Types: | | | |
| Other Material: Cellulose 25 %, Fibrous glass 10 %, Non-fibrous 65 % | | | |

See Reporting notes on last page

PLM Bulk Asbestos Report

VAMC:10079.00-IN; Salem VA Medical Center; Building 9;
1970 Roanoke Blvd, Salem, Virginia 24153

| Client No. / HGA | Lab No. | Asbestos Present | Total % Asbestos |
|---|--------------|------------------|---|
| 60 25 | 110061651-60 | No | NAD |
| Location: Sub-Basement Mechanical/Steam Room - Mudded Tank Insulation (White) | | | (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: White, Heterogeneous, Fibrous, Bulk Material | | | |
| Asbestos Types: | | | |
| Other Material: Cellulose 25 %, Fibrous glass 10 %, Non-fibrous 65 % | | | |
| 61 25 | 110061651-61 | No | NAD |
| Location: Sub-Basement Mechanical/Steam Room - Mudded Tank Insulation (White) | | | (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: White/Gray, Heterogeneous, Fibrous, Bulk Material | | | |
| Asbestos Types: | | | |
| Other Material: Cellulose 25 %, Fibrous glass 10 %, Non-fibrous 65 % | | | |
| 62 10 | 110061651-62 | Yes | 4 % |
| Location: Exterior Door Caulk | | | (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: White/Gray, Heterogeneous, Non-Fibrous, Bulk Material | | | |
| Asbestos Types: Chrysotile 4.0 % | | | |
| Other Material: Non-fibrous 96 % | | | |
| 63 26 | 110061651-63 | No | NAD |
| Location: Exterior - Stone Mortar | | | (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material | | | |
| Asbestos Types: | | | |
| Other Material: Non-fibrous 100 % | | | |
| 64 26 | 110061651-64 | No | NAD |
| Location: Exterior - Stone Mortar | | | (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material | | | |
| Asbestos Types: | | | |
| Other Material: Non-fibrous 100 % | | | |
| 65 27 | 110061651-65 | No | NAD |
| Location: Exterior - Brick Mortar | | | (by CVES) by David W. Ralbovsky on 06/24/10 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material | | | |
| Asbestos Types: | | | |
| Other Material: Non-fibrous 100 % | | | |

See Reporting notes on last page

Client Name: Adelaide Environmental Health

PLM Bulk Asbestos ReportVAMC:10079.00-IN; Salem VA Medical Center; Building 9;
1970 Roanoke Blvd, Salem, Virginia 24153

| Client No. / HGA | Lab No. | Asbestos Present | Total % Asbestos |
|------------------|-----------------------------------|------------------|---|
| 66 | 110061651-66 | No | NAD |
| 27 | Location: Exterior - Brick Mortar | | (by CVES) by David W. Ralbovsky on 06/24/10 |

Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 100 %

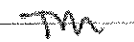
Reporting Notes:

Analyzed by: David W. Ralbovsky

Date

6/24/10

*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; N/A = 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 191904-0) and ELAP PLM Analysis Protocol 198.1 for New York friable samples (198.6 for NOB samples)(NYS DOH 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: 



Adelaide
Environmental Services, Inc.

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

110061651

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

Chain of Custody

PROJECT NUMBER: VAMC:10079.00-IN

PROJECT LOCATION: Salem VA Medical Center - Building 9
1970 Roanoke Blvd
Salem, Virginia 24153

DATE RECEIVED: 6/7/2010
DATE COMPLETED: 6/14/2010
DATE REPORTED:
TOTAL SAMPLE COUNT: 66
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 | 2 | 1 | Room 219 - Ceiling Plaster - Top Coat (white) | 10000 | F | F | D |
| 2 | 2 | 1 | Room 219 - Ceiling Plaster - Top Coat (white) | 10000 | F | F | D |
| 3 | 2 | 1 | Room 219 - Ceiling Plaster - Top Coat (white) | 10000 | F | F | D |
| 4 | B | 1 | Room 8 - Ceiling Plaster - Top Coat (white) | 10000 | F | F | D |
| 5 | B | 1 | Room 8 - Ceiling Plaster - Top Coat (white) | 10000 | F | F | D |
| 6 | B | 1 | Room 11 - Ceiling Plaster - Top Coat (white) | 10000 | F | F | D |
| 7 | B | 1 | Room 11 - Ceiling Plaster - Top Coat (white) | 10000 | F | F | D |

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

Page 1 of 8

Special Instructions/ Turnaround Time:

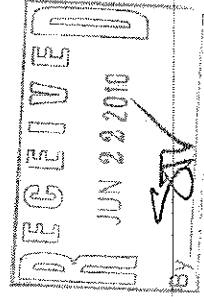
Analyze all samples by PLM only
Stop at 1st Positive per Homogenous Area
Fax Results to 845-278-7750
E-Mail Results to AdelaideLabResults@adelaideinc.com
72 hr TAT

Relinquished by:

Received by:

Relinquished by:

Received by:



Chain of Custody

110061651

PROJECT NUMBER: VAMC:10079.00-IN

PROJECT LOCATION: Salem VA Medical Center - Building 9
1970 Roanoke Blvd
Salem, Virginia 24153

DATE RECEIVED: 6/7/2010
DATE COMPLETED: 6/14/2010
DATE REPORTED:
TOTAL SAMPLE COUNT: 66
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: |
|------------|-------------|-----------------|--|--------------------|--------------------|-------------------------|
| 8 | 2 | 2 | Room 219 - Ceiling Plaster - Base Coat (beige) | 10000 | F | D |
| 9 | 2 | 2 | Room 219 - Ceiling Plaster - Base Coat (beige) | 10000 | F | D |
| 10 | 2 | 2 | Room 219 - Ceiling Plaster - Base Coat (beige) | 10000 | F | D |
| 11 | B | 2 | Room 8 - Ceiling Plaster - Base Coat (beige) | 10000 | F | D |
| 12 | B | 2 | Room 8 - Ceiling Plaster - Base Coat (beige) | 10000 | F | D |
| 13 | B | 2 | Room 11 - Ceiling Plaster - Base Coat (beige) | 10000 | F | D |
| 14 | B | 2 | Room 8 - Ceiling Plaster - Base Coat (beige) | 10000 | F | D |
| 15 | 2 | 3 | Room 203 - 12"x12" Floor Tile - Off-White w/ Light Brown Streaks | | NF | G |
| 16 | 2 | 4 | Room 203 - Floor tile mastic associated with HA #3 | | NF | G |
| 17 | 1 | 3 | Corridor 134 - 12"x12" Floor Tile - Off-White w/ Light Brown Streaks | | NF | G |

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

Page 2 of 8

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@adelaidelc.com

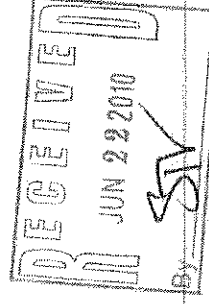
72 hr TAT

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Chain of Custody

110061651

PROJECT NUMBER: VAMC:10079.00-IN

PROJECT LOCATION: Salem VA Medical Center - Building 9
1970 Roanoke Blvd
Salem, Virginia 24153

DATE RECEIVED: 6/7/2010
DATE COMPLETED: 6/14/2010
DATE REPORTED:
TOTAL SAMPLE COUNT: 66
SAMPLE COLLECTOR(S): James Reber and Tom Ferro

| Sample ID# | Floor Level | Homogenous Area | Sample Location/Description | Quantity (in feet) | Friable | | Condition |
|------------|-------------|-----------------|--|--------------------|------------|---------|-----------|
| | | | | | NonFriable | Friable | |
| 18 | 1 | 4 | Corridor 134 - Floor tile mastic associated with HA #3 | | NF | | G |
| 19 | 2 | 5 | Corridor 208 - Drywall | | F | | G |
| 20 | 2 | 5 | Corridor 208 - Drywall | | F | | G |
| 21 | 2 | 6 | Corridor 208 - Joint Compound | | F | | G |
| 22 | 2 | 6 | Corridor 208 - Joint Compound | | F | | G |
| 23 | 2 | 7 | Room 212C - Exterior Repair Window Glazing Compound | | NF | | G |
| 24 | 2 | 7 | Room 212C - Exterior Repair Window Glazing Compound | | NF | | G |
| 25 | 2 | 8 | Room 212C - Exterior Window Glazing Compound | | NF | | G |
| 26 | 2 | 8 | Room 212C - Exterior Window Glazing Compound | | NF | | G |
| 27 | 2 | 9 | Room 212C - Old Exterior Window Caulk | | NF | | G |

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

Page 3 of 8

Special Instructions/ Turnaround Time:

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72 hr TAT

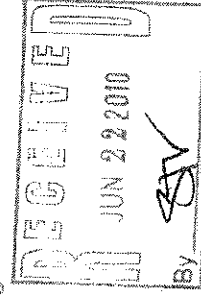
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|------------|-------------|-----------------|---|--------------------|--------------------|-------------------------|
| 28 | 2 | 9 | Room 212C - Old Exterior Window Caulk | | NF | G |
| 29 | 2 | 10 | Room 212C - Exterior Door Caulk | | NF | G |
| 30 | 2 | 11 | Pipe Chase next to Rm 217 - White/gray penetration firestop | | F | G |
| 31 | 2 | 11 | Pipe Chase next to Rm 217 - White/gray penetration firestop | | F | G |
| 32 | 2 | 12 | Pipe Chase next to Rm 217 - CMU Mortar | | F | G |
| 33 | 2 | 12 | Pipe Chase next to Rm 217 - CMU Mortar | | F | G |
| 34 | 2 | 13 | Room 227A - 12"x12" Floor tile - white w/ gold marks | 391 SF | NF | G |
| 35 | 2 | 13 | Room 227A - 12"x12" Floor tile - white w/ gold marks | 391 SF | NF | G |
| 36 | 2 | 14 | Room 227A - floor tile mastic associated with HA #13 | 391 SF | NF | G |
| 37 | 2 | 14 | Room 227A - floor tile mastic associated with HA #13 | 391 SF | NF | G |

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

Page 4 of 8

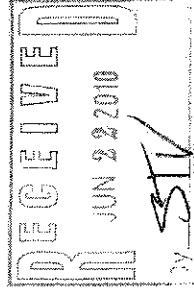
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110061651

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|------------|-------------|-----------------|---|--------------------|--------------------|-------------------------|
| 38 | 1 | 15 | Room 106 - Carpet Glue | | NF | G |
| 39 | 1 | 15 | Room 106 - Carpet Glue | | NF | G |
| 40 | 1 | 16 | Chase 110A - Suspect pipe insulation debris on the floor | | F | SD |
| 41 | 1 | 16 | Chase 110A - Suspect pipe insulation debris on pipe penetrating wall | | F | SD |
| 42 | 1 | 17 | Room 108F - Muddled pipe fitting insulation on fiberglass pipe insulation lines | | F | G |
| 43 | 1 | 17 | Room 102 - Muddled pipe fitting insulation on fiberglass pipe insulation lines | | F | G |
| 44 | B | 17 | Room 2 - Muddled pipe fitting insulation on fiberglass pipe insulation lines | | F | G |
| 45 | A | 18 | Elevator Machine room in Attic - Duct Vibration cloth | | NF | G |

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

Page 5 of 8

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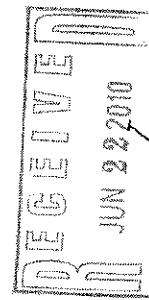
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|------------|-------------|-----------------|---|--------------------|-----------------------|----------------------------|
| 46 | A | 18 | Elevator Machine room in Attic - Duct Vibration cloth | | NF | G |
| 47 | B | 19 | Room 4D - 1'x1' wall and ceiling tiles (w/ evenly spaced holes) | | F | G |
| 48 | B | 19 | Room 4D - 1'x1' wall and ceiling tiles (w/ evenly spaced holes) | | F | G |
| 49 | B | 20 | Room 4C - Glue pucks for the HA #19 | | NF | G |
| 50 | B | 20 | Room 4C - Glue pucks for the HA #19 | | NF | G |
| 51 | B | 21 | Corridor 14 - 12"x12" Floor tile - Off-white w/ small and few gold marks | | NF | G |
| 52 | B | 21 | Corridor 13A - 12"x12" Floor tile - Off-white w/ small and few gold marks | | NF | G |
| 53 | B | 22 | Corridor 14 - floor tile mastic associated with HA # 21 | | NF | G |
| 54 | B | 22 | Corridor 13A - floor tile mastic associated with HA # 21 | | NF | G |

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Page 6 of 8

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[Signature]



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|------------|-------------|-----------------|--|--------------------|--------------------|-------------------------|
| 55 | B | 23 | Room 11B - Kitchen sink basin - Black coating on underside | | NF | G |
| 56 | B | 23 | Room 11B - Kitchen sink basin - Black coating on underside | | NF | G |
| 57 | B | 24 | Crawlspace Access Door - door insulation | | F | G |
| 58 | B | 24 | Crawlspace Access Door - door insulation | | F | G |
| 59 | SB | 25 | Sub-Basement Mechanical/Steam Room - Muddled Tank Insulation (white) | | F | G |
| 60 | SB | 25 | Sub-Basement Mechanical/Steam Room - Muddled Tank Insulation (white) | | F | G |
| 61 | SB | 25 | Sub-Basement Mechanical/Steam Room - Muddled Tank Insulation (white) | | F | G |
| 62 | G | 10 | Exterior Door Caulk | | NF | G |

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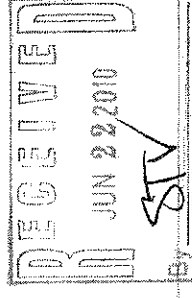
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|------------|-------------|-----------------|-----------------------------|--------------------|------------|---------|-----------|
| | | | | | NonFriable | Friable | |
| 63 | G | 26 | Exterior - Stone mortar | | F | | G |
| 64 | G | 26 | Exterior - Stone mortar | | F | | G |
| 65 | G | 27 | Exterior - Brick Mortar | | F | | G |
| 66 | G | 27 | Exterior - Brick Mortar | | F | | G |

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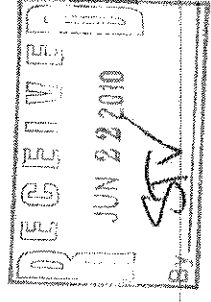
72 hr TAT

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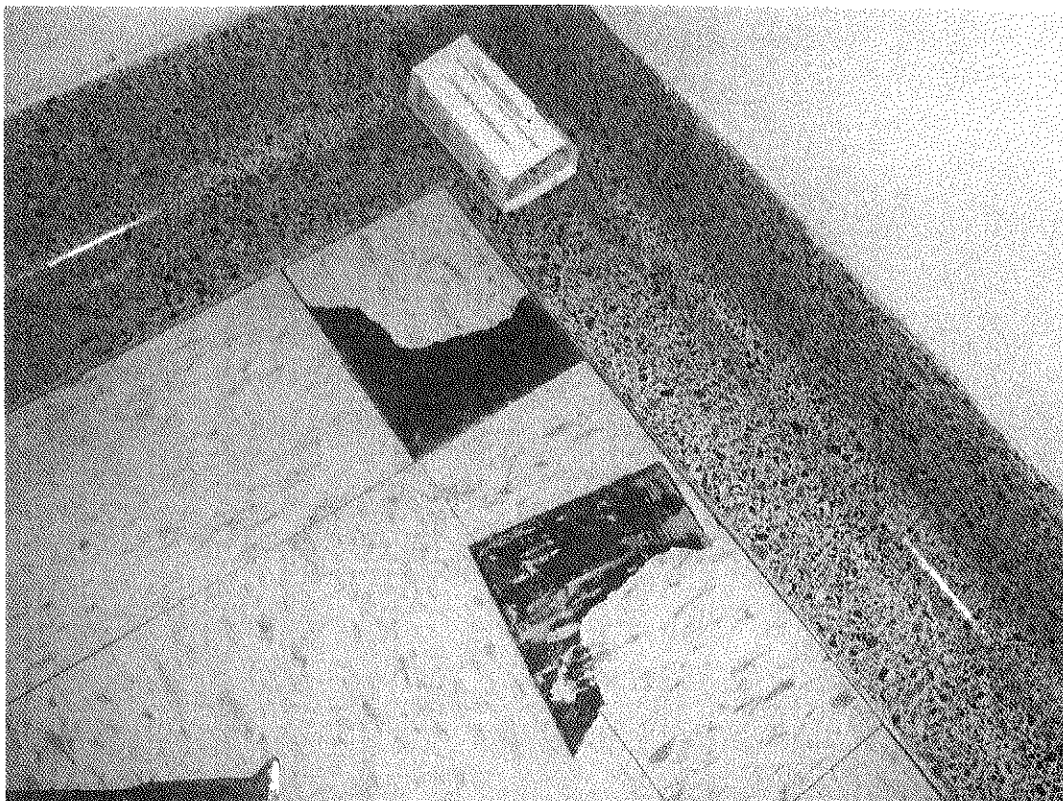
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APPENDIX D
SAMPLE LOCATION MAP
AND PHOTOS



HA#4 – Floor tile mastic associated with 12"x12" off white w/ light brown streaks



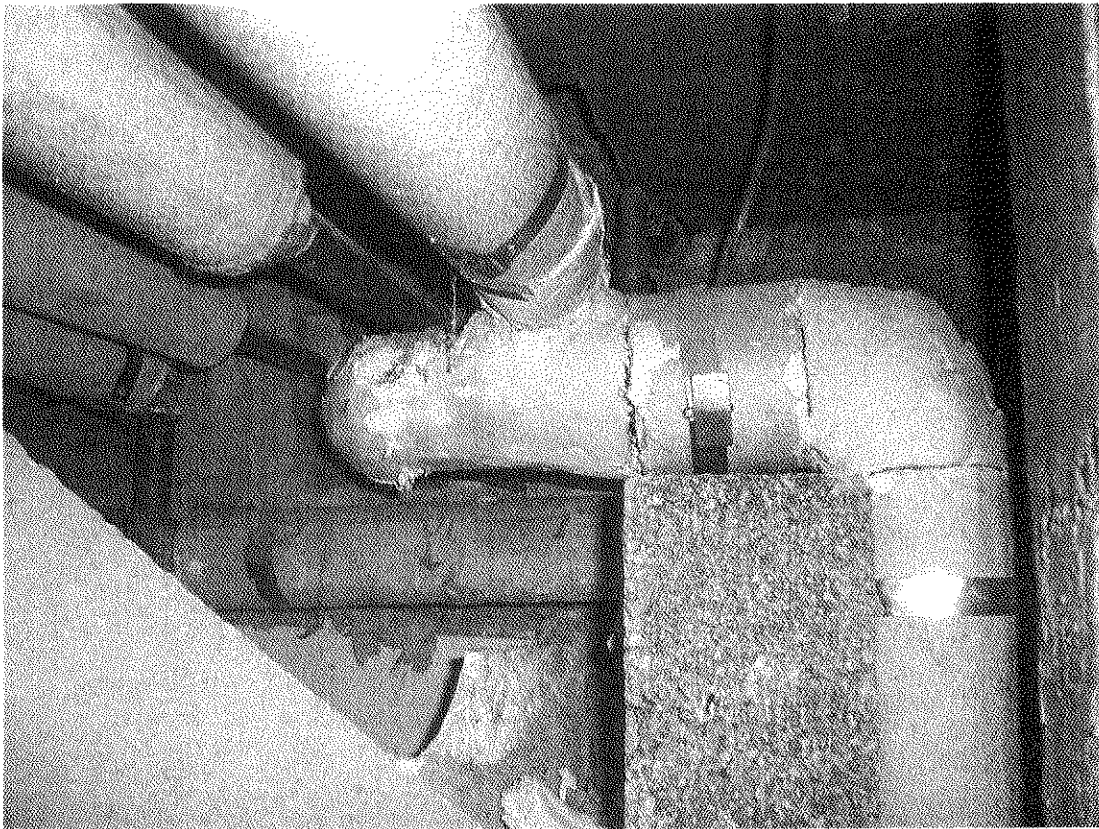
Window caulk



Room 227A – 12"x12" white w/ gold floor tile and mastic



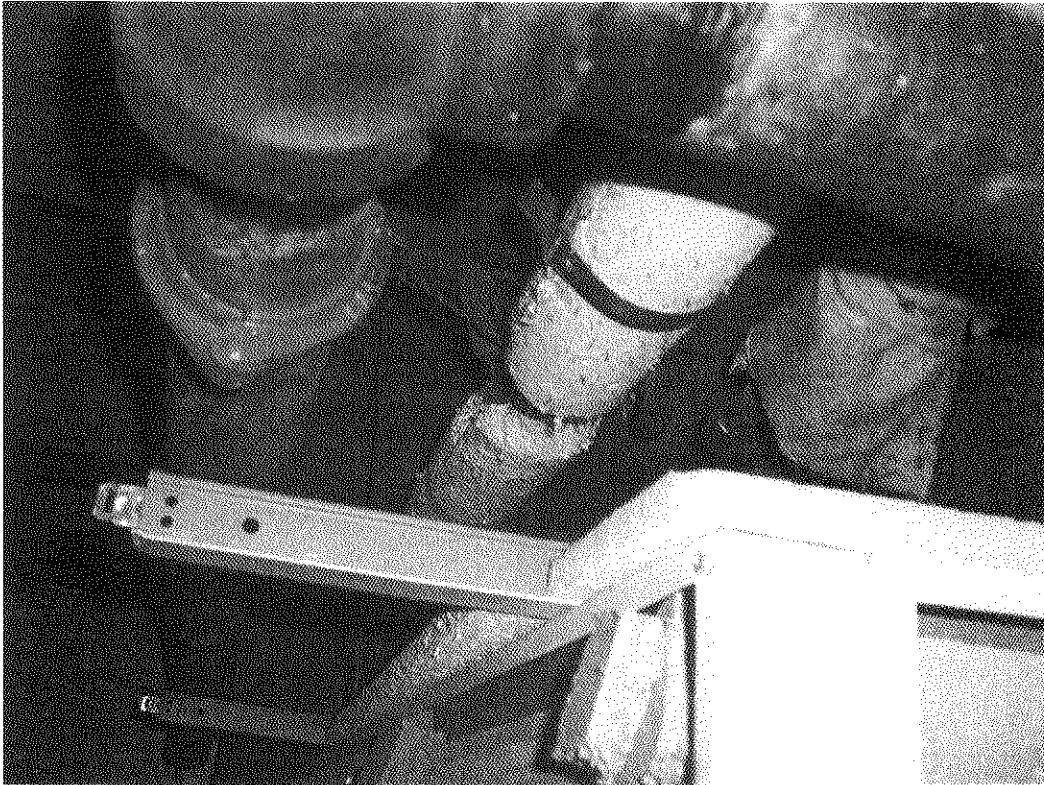
Chase 110A – debris on floor in chase



Room 117 – Significantly damaged pipe insulation and debris on drop ceiling



Room 118A – Poorly abated pipe insulation fittings



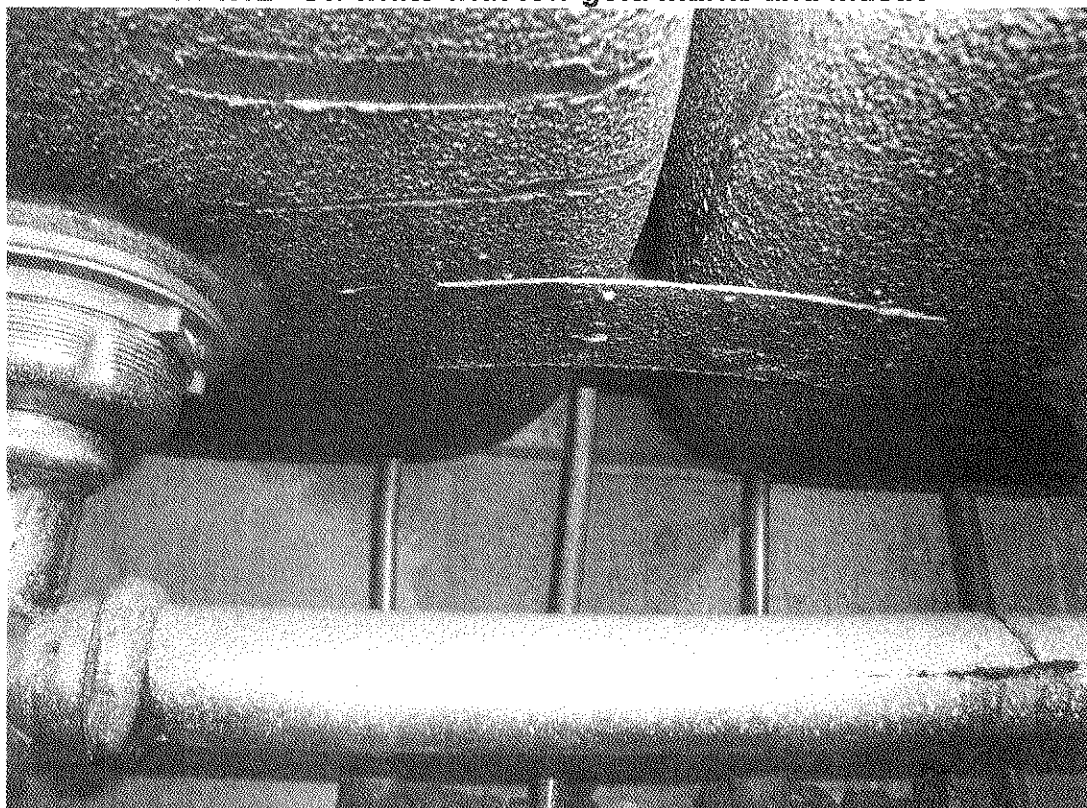
Room 119a – Significantly damaged pipe insulation



Room 130 – Asbestos Pipe Insulation significantly damaged



12"x12" Off white with few gold marks and mastic



Room 11B – Sink basin coating

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

9980 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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COMMONWEALTH OF VIRGINIA

VIRGINIA ASBESTOS LICENSE

ASBESTOS ANALYTICAL LABORATORY

NUMBER: 3333 000266 EXPIRES: 03-31-2011

PCM PLM TEM

AMERICA SCIENCE TEAM RICHMOND, INC
13635 GENITO ROAD

MIDLOTHIAN VA 23112



(FOLD)

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
9980 Mayland Dr., Suite 400, Richmond, VA 23233

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

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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**JAMES J REBER
33A OSPREY LN**



GARDINER NY 12525

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22 JOSH LANE



DANBURY CT 06811

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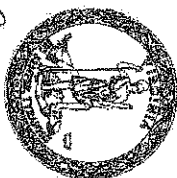
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3303 003575

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INSPECTOR LICENSE

ROBERT A SEE
15 BOYCE ST

BEACON, NY 12508



Gordon N. Dixon
Gordon N. Dixon, Director

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