

**ASBESTOS BUILDING
INSPECTION, BULK SAMPLING
& MANAGEMENT PLANNING**

**La Crosse County
Administrative Building
La Crosse, Wisconsin**

April 15, 2004



**BUILDING INSPECTION,
BULK SAMPLING
& MANAGEMENT PLANNING**

**La Crosse County Administrative Building
La Crosse, Wisconsin**

**Project Number AS042342
April 15, 2004**

Prepared By:

**Midwest Environmental Management Company
123 North 4th Street, Suite 202
La Crosse, Wisconsin 54601
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A handwritten signature in cursive script, appearing to read "Richard Stickler".

**Richard Stickler
WI Asbestos Inspector #AII-00425**

A handwritten signature in cursive script, appearing to read "George Nygaard".

**George Nygaard
WI Asbestos Inspector #AII-13016**

ASBESTOS BUILDING INSPECTION AND BULK SAMPLING

**La Crosse County Administrative Building
400 North 4th Street
La Crosse, Wisconsin**

April 15, 2004

Background

An asbestos building inspection was performed between March 11th and April 12th, 2004 in the Administration Building located at the aforementioned address by Rick Stickler and George Nygaard, Wisconsin Certified Asbestos Inspectors with Midwest Environmental Management Company. Asbestos management planning recommendations are made by Rick Stickler, a Wisconsin Certified Asbestos Management Planner. During the inspection, suspect Asbestos Containing Building Materials (ACBMs) were identified and bulk sampled. The purpose of the asbestos building inspection and bulk sampling was to identify all asbestos containing building materials that may need to be removed in preparation for major renovation activities planned for the near future. A total of two homogeneous construction areas were identified, the A and B portions of the building. These two portions of the building have very different uses with the A building largely set up for administrative offices, and the B building housing a jail, dispatch center, print shop, maintenance shops and mechanical systems rooms. These buildings were originally built in 1963, and have undergone localized remodeling in specific locations in 1986, 1987, 1989, and 1992. See the enclosed floor plan drawings that locate the areas and dates of abatement.

Bulk sampling was performed on all necessary interior "suspect" Asbestos Containing Building Materials (ACBMs) in accordance with EPA 40 CFR 763.86 and 40 CFR Part 61. The bulk sampling scheme will identify those suspect materials which contain asbestos and those which do not. This included replacement materials installed following any asbestos abatement. A room-by-room inspection and bulk sampling was performed throughout all areas, visually noting the presence of and physically touching the material to determine the friability and condition of suspect Asbestos Containing Materials (ACMs) inventoried during the inspection. ACM, when referring to a building, means any material or product which contains greater than one percent asbestos by weight.

The term "friable" is used frequently in this report. Friable is a term describing the condition and state of asbestos containing building materials. Friable means that a material, if friable, may be reduced to dust or a powder with hand pressure. The hazard with asbestos is in breathing or ingesting the dust. Non-friable materials are those that cannot be made into a dust or powder with hand pressure. Non-friable materials can be made friable if they are drilled, sanded, sawed, or otherwise abraded.

It is Midwest Environmental Management Company's understanding that La Crosse County plans to perform a complete renovation of the building on the aforementioned property. All friable and Category I and II non-friable Asbestos Containing Building Materials that may be disturbed during the renovation must be removed, prior to disturbance, by a State certified abatement contractor per Wisconsin Administrative Code NR 447.

Methods and Materials

Bulk Sampling was performed by Midwest Environmental Management Company, EPA Model Accreditation Plan trained and State of Wisconsin certified asbestos building inspectors. All samples were collected via wet methods and then double bagged as required by the aforementioned standard. Each bag was labeled with a bulk sample number, and transcribed onto the Bulk Sample Log with the sample number, sample location, date collected, project number, name of person performing the sampling, building address, and facility identification.

Using proper chain of custody, the samples were mailed to a certified laboratory with accreditation from the American Industrial Hygiene Association (AIHA) and the National Voluntary Laboratory Accreditation Program (NVLAP). The samples were analyzed using Polarized Light Microscopy (PLM) and Dispersion Staining Techniques using EPA Method 600. (Refer to Attachment Section to review Bulk Sample Logs, EMSL's Lab Report and pertinent Certifications.)

Sampling techniques were in accordance with EPA 40 CFR Part 763.86, which states, more than one sample of each miscellaneous homogeneous material per homogeneous construction area is required to disprove the material as a "suspect" Asbestos Containing Building Material (ACBM). Only one sample is required to prove a positive result for asbestos content. 3 negative samples are required to disprove each homogeneous thermal pipe insulation material per homogeneous construction area. Surfacing materials are disproven for asbestos content based on the square footage of fireproofing or surfacing material present. For example, 3 negative asbestos samples for less than 3000 sq.ft., 5 negative samples are required from between 3000 and 5000 sq.ft., and at least 7 negative samples are required for greater than 5000 sq.ft of sprayed on fireproofing or surfacing materials.

Materials positive for asbestos contain greater than 1% asbestos by weight.

Findings

A. Identification of Materials Containing Asbestos

1. Based on the asbestos building inspection, the following Friable and Category II Non-Friable materials were identified as suspect for asbestos content:

Building A

- Built-up Roofing Core
- Structural Steel Fireproofing and Overspray
- Hard Plaster, Rough & Thin Coat (found throughout original 1963 construction)
- Thermal Pipe Insulation (Pipe Compound Fitting Mat'l. used throughout bldg.)
- 9" x 9" Vinyl Floor Tile & Black Mastic (found throughout building)
- Terrazzo Flooring (Used in Building Corridors)
- 12" x 12" Vinyl Floor Tile & Black Mastic (ASCS/Land Cons. area)
- 12" x 12" Tongue/Groove & Spline Ceiling Tile (found throughout building)
- 2' x 2' Suspended Fissure Ceiling Tile (Corp. Council/3300 Conference rm.)
- Drywall and Drywall Joint Compound (Corp. Council/3300 Conference rm.)
- Drywall and Drywall Joint Compound (IT Storage Rm. B-360)
- Ceramic Tile Grout (Bathrooms & Janitors Closets throughout building)

- Ceramic Tile Adhesive (Bathrooms & Janitors Closets throughout building)
- Paper around fiberglass in Metal Pan Ceiling Tiles
- All Building Doors

Building B

- Structural Steel Fireproofing and Overspray
- Replacement Structural Steel Fireproofing & Overspray (Auditor., Maint. Shop)
- Hard Plaster, Rough & Thin Coat (found throughout original 1963 construction)
- Thermal Pipe Insulation (Pipe Compound Fitting Mat'l. used throughout bldg.)
- 9" x 9" Vinyl Floor Tile & Black Mastic (found throughout building)
- Terrazzo Flooring (Used in Building Corridors)
- 12" x 12" Lt. Brown Vinyl Floor Tile & Black Mastic (Maint. Shop area)
- Floor Leveling Compound (Maintenance Shop Area)
- 12" x 12" Tongue/Groove & Spline Ceiling Tile (Basement & 1st Floors)
- 2' x 2' Suspended Fissure Ceiling Tile (Auditorium, Hall, 911, Dispatch)
- Drywall and Drywall Joint Compound (Auditorium, 911Area)
- Drywall and Drywall Joint Compound (Maint. Shop, Print Shop)
- Ceramic Tile Grout (Bathrooms & Janitors Closets throughout building)
- Ceramic Tile Adhesive (Bathrooms & Janitors Closets throughout building)
- Paper around fiberglass in Metal Pan Ceiling Tiles (Main Corridors)
- All Building Doors

2. Samples **negative** for asbestos content: See Laboratory Results*

Building A

- Built-up Roofing Core
- Hard Plaster, Rough & Thin Coat (found throughout original 1963 construction)
- 12" x 12" Floor Tile Black Mastic (Mastic Only) (ASCS/Land Cons. area)
- 12" x 12" Tongue/Groove & Spline Ceiling Tile (found throughout building)
- 2' x 2' Suspended Fissure Ceiling Tile (Corp. Council/3300 Conference rm.)
- Drywall and Drywall Joint Compound (Corp. Council/3300 Conference rm.)
- Drywall and Drywall Joint Compound (IT Storage Rm. B-360)
- Ceramic Tile Grout (Bathrooms & Janitors Closets throughout building)
- Ceramic Tile Adhesive (Bathrooms & Janitors Closets throughout building)
- Paper around fiberglass in Metal Pan Ceiling Tiles

Building B

- Replacement Structural Steel Fireproofing & Overspray (Auditor., Maint. Shop)
- Hard Plaster, Rough & Thin Coat (found throughout original 1963 construction)
- 12" x 12" Lt. Brown Floor Tile Black Mastic (Mastic Only) (Maint. Shop area)
- Floor Leveling Compound (Maintenance Shop Area)
- 12" x 12" Tongue/Groove & Spline Ceiling Tile (Basement & 1st Floors)
- 2' x 2' Suspended Fissure Ceiling Tile (Auditorium, Hall, 911, Dispatch)
- Drywall and Drywall Joint Compound (Auditorium, 911Area)
- Drywall and Drywall Joint Compound (Maint. Shop, Print Shop)
- Ceramic Tile Grout (Bathrooms & Janitors Closets throughout building)
- Ceramic Tile Adhesive (Bathrooms & Janitors Closets throughout building)
- Paper around fiberglass in Metal Pan Ceiling Tiles (Main Corridors)

3. Samples **positive** (>1%) for asbestos content or Assumed: See Laboratory Results*

Building A

- Structural Steel Fireproofing and Overspray
- Thermal Pipe Insulation (Pipe Compound Fitting Mat'l. used throughout bldg.)
- 9" x 9" Vinyl Floor Tile & Black Mastic (found throughout building)
- Terrazzo Flooring (Used in Building Corridors) ASSUMED
- 12" x 12" Vinyl Floor Tile (Tile Only) (ASCS/Land Cons. area)
- All Building Doors (ASSUMED)

Building B

- Structural Steel Fireproofing and Overspray
- Thermal Pipe Insulation (Pipe Compound Fitting Mat'l. used throughout bldg.)
- 9" x 9" Vinyl Floor Tile & Black Mastic (found throughout building)
- Terrazzo Flooring (Used in Building Corridors)
- 12" x 12" Lt. Brown Floor Tile Black Mastic (Mastic Only) (Maint. Shop area)

Note: Fireproofing fallout material on top of ceiling tiles contains asbestos

- All Building Doors (ASSUMED)

* Refer to enclosed Bulk Sample Logs and Laboratory Reports found at the end of the report.

B. Asbestos Building Material Condition

1. Sprayed Fireproofing in Structural Steel & Overspray - This material was found to be extremely friable. This material has been disturbed by trades contractors over the years and fallout from this material is contaminating the top of ceiling tiles, drywall, and plaster ceilings. Fallout from this material is also found on top of ductwork, and inside of the main return air plenums and fire dampers. This material represents an airborne asbestos exposure hazard to building maintenance and contractors working on building systems above suspended ceilings. It has been removed in locations noted as having undergone abatement in this report. This type of material must be removed before disturbance by building renovation activities.

2. Thermal Pipe Fitting Insulation - Asbestos containing pipe fitting insulation is found on pipe fittings (elbows, tees, hangers, controls or gauges) for the domestic water, heating system piping, and snow melt system piping throughout both buildings. Straight runs of pipe for the same systems are insulated with fiberglass, which contains no asbestos. The condition of this material depends upon accessibility and whether or not the pipe has had water damage. Locations such as pipe chases for bathrooms and showers, and where main valves are present usually will have this material present in a damaged to significantly damaged, friable condition. Main corridors in this building have significant amounts of damaged, friable pipe fitting insulation, once again providing an airborne exposure hazard to building maintenance and contractor personnel when working above suspended ceilings or in pipe or valve chases. These materials have been removed in locations noted as having undergone abatement in this report. These materials must be removed prior to disturbance by building renovation activities.

3. 9" x 9" Vinyl Floor Tile and Black Mastic - This is a non-friable material in relatively good condition. This material is best kept intact with a good wax coat and by not overstripping the floors. In many of the remodeled rooms, the original floor tile is still present

under carpeting. Neither the floor tile, or its' black mastic are a hazard unless drilled, sawed or otherwise abraded. Typically when carpeting over flooring is removed, the tiles will stick to the carpeting being removed, and need to then be removed by an asbestos abatement contractor. This material can also become friable when floor leveling activities are performed by a flooring contractor preceding new flooring installation. Floor tile and black mastic was not removed in many of the areas listed in this report as having asbestos abatement completed.

4. Terrazzo Flooring - Terrazzo floors are found in the main corridors on 1st, 2nd A and B Buildings, and on 3rd Floor, A Building. Terrazzo flooring is not present on the Basement level of A & B Buildings. This material was not tested and is assumed to contain asbestos. Testing would needlessly damage this floor. This material is known to contain asbestos, but is non-friable. It presents no asbestos hazard unless cut into with a saw. It is likely that this material will not be removed during the upcoming renovation. This material should be protected during the renovation and abatement projects, and may last the life of the building.

5. 12" x 12" Vinyl Floor Tile and Black Mastic - In certain locations this floor tile is positive for asbestos and the black mastic is negative (Basement Level - Land Conservation and ALCS area, Bldg. A), and in other areas, the 12" x 12" vinyl floor tile is negative for asbestos, but the black mastic is positive. Regardless, these materials should be removed by an asbestos abatement contractor prior to renovation, since some of the mastic will remain on the tile, and vice versa. This is a non-friable material in relatively good condition. This material is best kept intact with a good wax coat and by not overstripping the floors until its eventual abatement. This material can also become friable when floor leveling activities are performed by a flooring contractor preceding new flooring installation. Neither the floor tile or its' black mastic are a hazard unless drilled, sawed or otherwise abraded (or during abatement).

6. All Building Doors - All building room doors are assumed to contain asbestos. Destructive testing methods need to be used to properly evaluate the various different type of doors in these buildings. Several doors were checked by using a drill through screws on the door kick plates (i.e.: typical stairwell door, metal boiler room door) and were found to contain either particle board, or were hollow. It would be best to test all doors at multiple locations on each door, prior to a renovation project to ensure that asbestos is not present. At this time, this activity would ruin the appearance of the building doors, which are in a good, non-friable condition.

Conclusions

Asbestos materials that may have impact upon ongoing maintenance, or renovation of the building are:

1. *Spray applied structural steel fireproofing, fireproofing overspray and thermal pipe fitting insulation.* These materials are present in a friable, damaged condition. These materials represent an airborne exposure hazard during maintenance activities performed above suspended ceilings, in pipe and valve chases. Contamination from the fireproofing is present in the main return air plenums. These materials must be properly abated and disposed of by qualified personnel in the event of a building renovation in accordance with the OSHA Construction Standard for Asbestos in Buildings, the EPA Clean Air Act (40 CFR Part 61), and Wisconsin Administrative Code, WDNR Chapter NR 447. There is approximately 139,906 sq.ft. of the fireproofing material and its overspray. There are approximately 1, 708 insulated pipe fittings of various sizes.

2. *Vinyl Floor Tile & Black Mastic* - Asbestos containing vinyl flooring and mastic is in good,

non-friable condition and currently provides no exposure hazard, and may be maintained in place until its eventual abatement. Any disturbance of the material must be done by a qualified asbestos abatement contractor with Wisconsin Accredited Asbestos Workers and Supervisors. These materials are likely to be disturbed by the proposed building renovation activities, and should be properly abated prior to any renovation of the building per WDNR NR 447. There are approximately 43,616 sq.ft. of vinyl asbestos floor tile and black mastic in A & B Buildings.

3. *Terrazzo flooring in building corridors, and all Building Doors are assumed to contain asbestos.* Both of these materials are in good, intact, non-friable condition. Both of these materials would need to be destructively tested to determine their actual asbestos content. Terrazzo is not likely to be removed during the proposed buildings renovations, and would need to be protected from damage during any remodeling. If terrazzo would need to be disturbed during a renovation (i.e.: sawed, drilled, or abraded), then this material should be destructively tested prior to the renovation to determine asbestos content. The same goes for all building doors. If the doors are to be disposed or disturbed during renovation, then each type of door should be tested for asbestos in several different locations per door, prior to disturbance or renovation.

4. There is a significant risk of exposure to airborne asbestos to County Building Maintenance, or 3rd Party Contractor Personnel that perform work that will disturb friable asbestos containing materials above suspended ceilings, in pipe or valve chases within these buildings. Until asbestos containing materials are removed, these personnel should be given adequate hazard communication regarding the asbestos exposure hazard in the building as required per the OSHA General Industry and Construction Standards for Safety and Health (Title 29 CFR 1910.1200 and/or 1926.59), and receive proper training, equipment and use work practices in accordance with the OSHA Construction Standards on Asbestos, Title 29 CFR 1926.1101.

5. All other materials tested (drywall and compound, plaster and 2' x 2' and 12" x 12" ceiling tile) had no asbestos content. However, care should be taken with disturbing these materials, particularly the ceiling tiles, plaster and drywall ceiling, since fireproofing overspray has been observed lying on top of these materials.

Recommendations

1. It is recommended to abate (remove) all structural steel fireproofing materials and related overspray from all surfaces in this building as soon as feasible. This is a major project that may only be cost effective if coupled with a capital improvement remodeling project in the building. Due to the high cost of encapsulation, and the situation that many building air systems are affected by the fireproofing fallout contamination, encapsulation or enclosure are not recommended. These response action (abatement) alternatives would cost up to 80% of the cost of abatement, and the asbestos would still remain. Removal is the best option, with the lowest long term cost.

2. At a minimum, repair all damaged thermal pipe fitting insulation as soon as feasible. Given the condition and exposure hazards present from the fireproofing and overspray, abatement of all thermal pipe fitting insulation at the same time as the fireproofing materials is by far the most cost effective way of dealing with the thermal pipe insulation.

3. If a major capital improvement renovation project is performed, all asbestos containing flooring materials should be abated at the same time as the fireproofing and thermal pipe fitting insulation. This will be the most cost effective time to remove the flooring, while an entire floor area is under containment. It is also likely that abatement activities will damage the flooring

materials anyway, increasing the cost of abatement for a contractor by padding the bid for liquidated damages. This is the most cost effective time for flooring materials abatement.

4. If terrazzo would need to be disturbed during a renovation (i.e.: sawed, drilled, or abraded), then this material should be destructively tested prior to the renovation to determine asbestos content. The same goes for all building doors. If the doors are to be disposed or disturbed during renovation, then each type of door should be tested for asbestos in several different locations per door, prior to disturbance or renovation.

5. Develop a County Policy and Procedures document pertaining to asbestos. Asbestos is and will continue to be an important issue in relation to this building until its eventual removal. A Policy document will help building management define how regular building maintenance that may disturb friable asbestos, or come in close proximity to such, will be conducted. This policy would help define everything from employee training and hazard communication, to use of personal protective equipment, engineering controls or work practices, surveillance monitoring, etc., for County Employees and 3rd Party Contractors. It is very likely that these issues will be encountered before all asbestos materials are removed from the building. MEM Co. has considerable experience in this area and can provide an assessment to establish such a program. Consultation resources are also available from the State of Wisconsin DHFS (OSHA Consultation Section) for the setup of occupational health programs of this type.

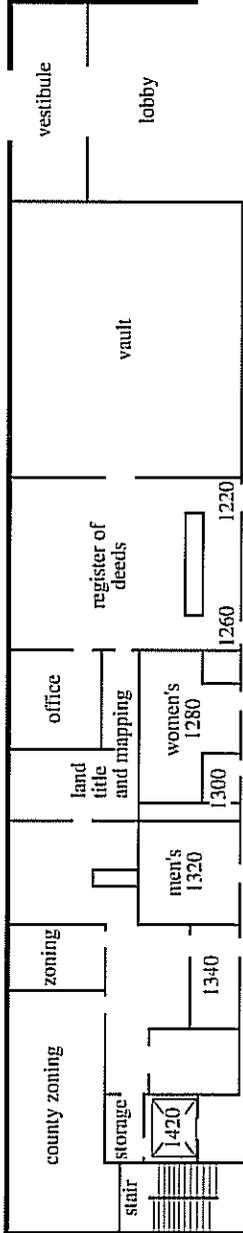
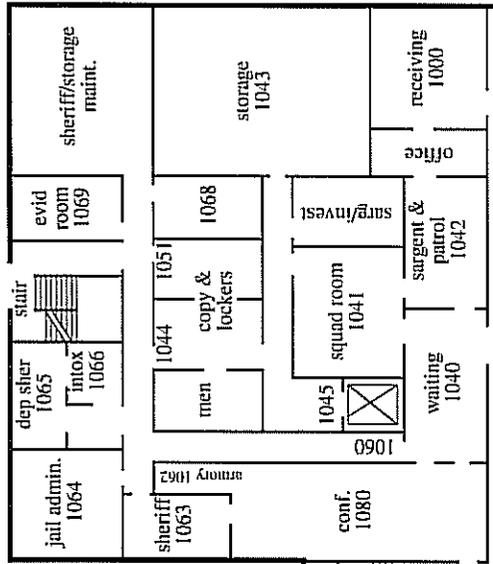
6. Materials that tested negative for asbestos, such as ceiling tiles, drywall and plaster, should be removed within Phase 1 of the proposed pre-renovation asbestos abatement project. Care must be used by any personnel entering, or removing materials adjacent to the suspended ceiling spaces of these buildings. This work is best performed as the 1st step by the asbestos abatement contractor once a fully pressurized containment is setup on each floor level. Non asbestos containing materials may be removed, cleaned of any fireproofing contamination, and disposed of as non-asbestos containing material using this approach.

7. A cost estimate range for abatement of all asbestos containing structural steel fireproofing and overspray, thermal pipe insulation, and flooring materials, is as follows:

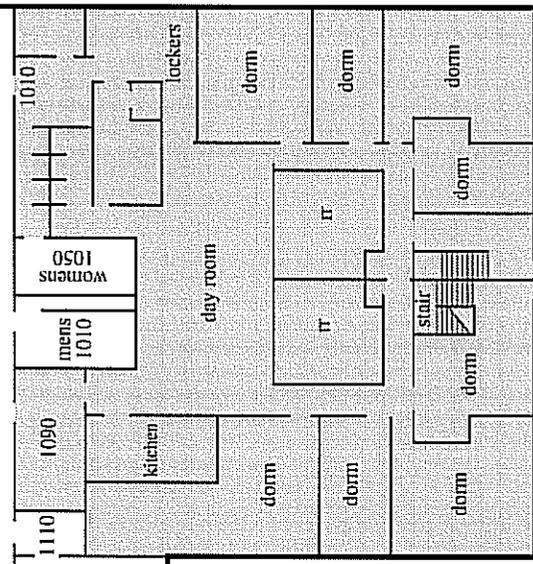
Asbestos Abatement Contractor Costs:	\$1, 196, 114 to \$1, 291, 803
Project Design & Air Testing Consultant:	<u>\$ 51, 051 to \$ 63, 431</u>
Total:	<u>\$1, 247, 165 to \$1, 355, 234</u>

Removal Disposal of Asbestos Containing Doors (If Positive): \$25/door

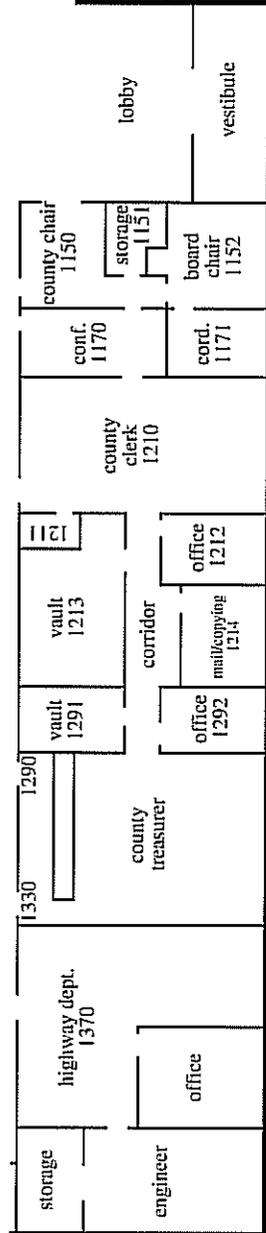
- These cost estimates are for an asbestos abatement project only. Additional costs for this type of project will include the cost of reapplication of fireproofing to structural steel (fire code requirement), reinsulation or replacement of piping systems, etc. These are rough estimate costs based on potential scopes of work. MEM Co. will provide a fixed bid proposal if a renovation project and scope of work is decided upon under separate cover.



corridor



corridor



7/1987



Midwest Environmental Management Company

La Crosse County Administration Building - La Crosse, Wisconsin

Asbestos Building Inspection - First Floor

Project Number: AS042342 Date: 2-26-2004

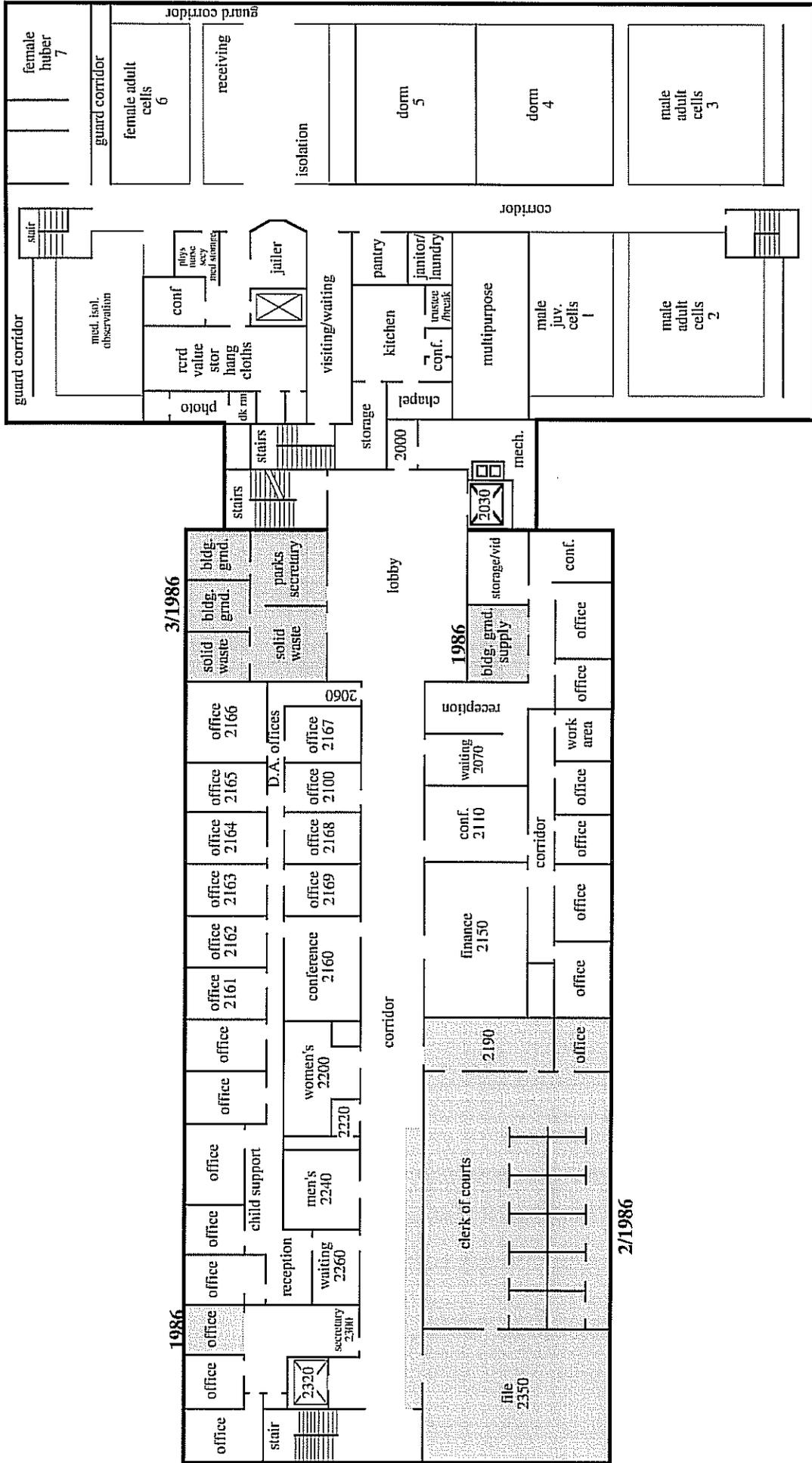
Drafted By: RdM

Legend



Areas of Renovation

Drawing Not to Scale



Midwest Environmental Management Company

La Crosse County Administration Building - La Crosse, Wisconsin

Asbestos Building Inspection - Second Floor

Project Number: AS042342 Date: 2-26-2004

Drafted By: RdM

Legend



Areas of Renovation

Drawing Not to Scale

EMSL Analytical, Inc.

212 South Wagner Road, Ann Arbor, MI 48103

Phone: (734) 668-6810 Fax: (734) 668-6532 Email: annarborlab@emsl.com



Attn: Rick Stickler
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Customer ID: MIDW52
Customer PO:
Received: 08/20/03 10:00 AM

Fax: (608) 784-7350 Phone: (608) 784-5888
Project: AS032230, LaCrosse County

EMSL Order: 080301755
EMSL Project ID:
Analysis Date: 8/20/2003

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

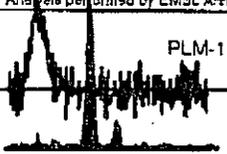
Sample	Location	Appearance	Treatment	Non-Asbestos		Asbestos
				% Fibrous	% Non-Fibrous	% Type
LC81903-1 080301755-0001		Tan Fibrous Heterogeneous	Teased Ashed	20% Cellulose	80% Non-fibrous (other)	None Detected
LC81903-2 080301755-0002		Tan Fibrous Heterogeneous	Teased Ashed	25% Cellulose	75% Non-fibrous (other)	None Detected

Analyst(s)

Jane Zhang (2)

or other approved signatory

PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. Analysis performed by EMSL Ann Arbor (NVLAP #101048-4)



EMSL Analytical, Inc.

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Project: AS032230, LaCrosse County

Customer ID: MIDW52

Customer PO:

Received: 08/20/03 10:00 AM

EMSL Order: 080301755

EMSL Project ID:

Analysis Date: 8/20/2003

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Treatment	Non-Asbestos		Asbestos
				% Fibrous	% Non-Fibrous	% Type
LC81903-1 080301755-0001		Tan Fibrous Heterogeneous	Teased Ashed	20% Cellulose	80% Non-fibrous (other)	None Detected
LC81903-2 080301755-0002		Tan Fibrous Heterogeneous	Teased Ashed	25% Cellulose	75% Non-fibrous (other)	None Detected

Analyst(s)

Jane Zhang (2)

or other approved signatory

PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government.

Analysis performed by EMSL Ann Arbor (NVLAP #101048-4)

PLM-1

THIS IS THE LAST PAGE OF THE REPORT.



Analytical Laboratory Report

Report ID: 9010337

September 02, 2003

RICHARD STICKLER
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123 N 4TH ST STE 202
LACROSSE WI 54601

Company Number: 680

PROJ LAX CO ADMIN

PO AS032235

Date Received: 8/29/2003
Date Reported: 9/2/2003

Analyst:

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jk@mail.slh.wisc.edu

Reviewer:

LYLE REICHMANN, CIH - Inorganic Supervisor
lr@mail.slh.wisc.edu

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These signatures are as valid as original handwritten signatures.

If you have any questions regarding this report please feel free to contact th
laboratory via email (as listed above) or via telephone at 800-446-0403





Analytical Results

LAB NUMBER FIELD NUMBER	DESCRIPTION	AIR VOLUME
----------------------------	-------------	------------

1044441 LC827031	WHITE GRANULAR	
Bulk Asbestos	No Asbestos Detected	
COMMENTS: Consists of a mineral grain matrix.		

1044442 LC827032	WHITE GRANULAR	
Bulk Asbestos	No Asbestos Detected	
COMMENTS: Consists of a mineral grain matrix.		

Analytical Methodology

BULK ASBESTOS BY PLM:

The reference method used for analysis was the EPA/600/R-93/116 "Method for the Determination of Asbestos in Bulk Building Materials". For those analyses that are under the NVLAP accreditation, the method used is the EPA-600/M4-82-020, "Interim Method for the determination of Asbestos in Bulk Insulation Samples", 40 CFR, Part 763, Subpart E, Appendix E. With both methods discreet layers are analyzed separately and then their respective results summed to one value. A single percent value is reported for the entire sample. Samples which contain >1% asbestos are regulated as asbestos containing materials.

Samples are initially examined with a low power stereomicroscope. An initial estimation of the type/percent asbestos (if present) is made. A small portion of each sample (or of each layer) is mounted on a glass slide in a few drops of Cargill high dispersion RI oil. The mounted sample is then analyzed using a Polarized Light Microscope at magnifications ranging between 20X-400X. Positive identification of any asbestiform minerals present is done using a 10X Dispersion Staining objective, and measuring other specific identifying optical properties. If an asbestiform mineral is detected in a sample, its quantity is determined either by calibrated visual estimation or by Point Counting. There are six regulated asbestos minerals which may be present. These varieties are: Chrysotile, Amosite, Tremolite, Actinolite, Crocidolite and Anthophyllite.

If the final value = ND then no asbestiform minerals were detected in the sample. For levels less than 10%, point counting is recommended for more accurate quantitation.

Special note regarding floor tiles:

Because some floor tiles have been shown to contain significant amounts of asbestos which may be undetectable by standard PLM analysis, we recommend additional analysis using a Transmission Electron Microscope method. This method requires special sample preparation techniques beyond what is usually found with the standard PLM method.

Instrumentation:

The instruments used may include the following: Nikon SMZ-1B low power stereomicroscope; Nikon Optiphot polarizing light microscope equipped with a 10x dispersion staining objective, 2x, 10x and 20x pol objectives; JEOL JEM-1200 Scanning Transmission Electron Microscope fitted with a Kevex energy dispersive X-ray spectrometer; Powder X-ray diffractometer.

Quantitation Limit: <1% asbestos present (trace)

Quality control performed as required by NVLAP (National Voluntary Laboratory Accreditation Program).

NVLAP lab code 10-1109



Analytical Quality Control

Due to technical considerations related to the production of known spiked control samples, no external quality control samples were analyzed with this study. However, all other quality assurance measures such as daily calibration, linearity checks, detection limit and desorption determination and peer and supervisory review of the data have been performed. The results in this report conform to the high quality standards set forth at The Wisconsin Occupational Health Laboratory.

End of Analytical Report

The results in this report apply only to the samples, specifically listed above, tested at the Wisconsin Occupational Health Laboratory .

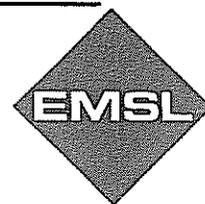
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This report shall not be used to claim product endorsement by NVLAP or any agency of the US Government.

EMSL Analytical, Inc.

212 South Wagner Road, Ann Arbor, MI 48103

Phone: (734) 668-6810 Fax: (734) 668-8532 Email: annarborlab@emsl.com



Attn: Rick Stickler
Midwest Environmental Management Co.
123 North 4th Street
Suite 202
La Crosse, WI 54601

Fax: (608) 784-7350 Phone: (608) 784-5688

Project: AS042342, LaCrosse County Admin.

Customer ID: MIDW52
Customer PO:
Received: 03/18/04 9:45 AM

EMSL Order: 080400954
EMSL Proj:
Analysis Date: 3/18/2004

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Treatment	Non-Asbestos		Asbestos
				% Fibrous	% Non-Fibrous	% Type
LCA3114-1 080400954-0001		Beige Fibrous Heterogeneous	Teased Dissolved	5% Glass 25% Cellulose	70% Non-fibrous (other)	None Detected
LCA3114-2 080400954-0002		Beige Fibrous Heterogeneous	Teased Dissolved	15% Glass 30% Cellulose	55% Non-fibrous (other)	None Detected
LCA3114-3 080400954-0003		Beige Fibrous Heterogeneous	Teased Dissolved	10% Glass 25% Cellulose	65% Non-fibrous (other)	None Detected
LCA3114-4-A 080400954-0004	Tile	Beige Non-Fibrous Heterogeneous	Teased Dissolved		100% Non-fibrous (other)	<1% Chrysotile
LCA3114-4-B 080400954-0015	Mastic	Black Non-Fibrous Heterogeneous	Teased Dissolved		90% Non-fibrous (other)	10% Chrysotile
LCA3114-5-A 080400954-0005	Tile	Beige/Tan Non-Fibrous Heterogeneous	Teased Dissolved	2% Cellulose	98% Non-fibrous (other)	None Detected
LCA3114-5-B 080400954-0016	Mastic	Black Non-Fibrous Heterogeneous	Teased Dissolved		96% Non-fibrous (other)	4% Chrysotile
LCA3114-6-A 080400954-0006	Beige Layer	Beige Non-Fibrous Heterogeneous	Teased Dissolved	2% Cellulose	98% Non-fibrous (other)	None Detected
LCA3114-6-B 080400954-0017	Gray Layer	Gray Non-Fibrous Heterogeneous	Teased Dissolved		25% Quartz 75% Non-fibrous (other)	None Detected

Analyst(s)

Avis Canaday (18)

or other approved signatory

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Analysis performed by EMSL Ann Arbor (NVLAP #101048-4)

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EMSL Order: 080400954

Project: AS042342, LaCrosse County Admin.

EMSL Proj:

Analysis Date: 3/18/2004

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Treatment	Non-Asbestos		Asbestos
				% Fibrous	% Non-Fibrous	% Type
LCA3114-6-C 080400954-0018	Black Layer	Black Non-Fibrous Heterogeneous	Teased Dissolved		96% Non-fibrous (other)	4% Chrysotile
LCA3114-7 080400954-0007		Beige Fibrous Heterogeneous	Teased Dissolved	20% Cellulose	80% Non-fibrous (other)	None Detected
LCA3114-8 080400954-0008		Beige Fibrous Heterogeneous	Teased Dissolved	10% Cellulose	90% Non-fibrous (other)	None Detected
LCA3114-9 080400954-0009		Beige Fibrous Heterogeneous	Teased Dissolved	15% Cellulose	85% Non-fibrous (other)	None Detected
LCA3114-10 080400954-0010		White Non-Fibrous Heterogeneous	Teased Dissolved		10% Quartz 90% Non-fibrous (other)	None Detected
LCA3114-11 080400954-0011		White Fibrous Heterogeneous	Teased Dissolved	10% Cellulose	65% Non-fibrous (other)	25% Chrysotile
LCA3114-12 080400954-0012		Beige/White Fibrous Heterogeneous	Teased Dissolved		80% Non-fibrous (other) 16% Mica	4% Chrysotile
LCA3114-13 080400954-0013		White/Beige Fibrous Heterogeneous	Teased Dissolved		75% Non-fibrous (other) 21% Mica	4% Chrysotile
LCA3114-14 080400954-0014		Black Non-Fibrous Heterogeneous	Teased Ashed	15% Cellulose	85% Non-fibrous (other)	None Detected

Analyst(s)

Avis Canaday (18)

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Analysis performed by EMSL Ann Arbor (NVLAP #101048-4)

080400954



Midwest Environmental Management Company

Bulk Sample Log Form

Facility ID: LaCrosse County Administration Building Project No: AS042342

Analysis Requested: PLM, EPA 600 Collected By: Rick Stickler, CIH

State Certification: AII-00425 Date Collected: 3-11-04 Date Submitted: 3-11-04

Submitted To: EMSL Analytical, Inc., Ann Arbor, MI Carrier: Fed Ex

Submitted By: Rick Stickler, MEM Co. Signature: _____

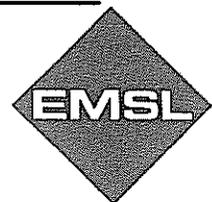
Date Received: _____ Received By: _____

Bulk Sample Number	Location & Description of Bulk Sample	Homogeneous Area
LCA3114-1	Steel Fireproofing, Bldg. B, 1st Fl. West Shop, Center, Off White	2
LCA3114-2	Steel Fireproofing, Bldg. B, 1st Fl. West Shop, South, Off White	2
LCA3114-3	Fireproofing Ovspry on Conc Deck, Bldg. B, 1st Fl. West Shop	2
LCA3114-4	12" x 12" Lt. Brown Vinyl Fl. Tile & Black mastic, B. 1st Laundry	2
LCA3114-5	12" x 12" Lt. Brown Vinyl Fl. Tile & Black mastic, B, 1st Laundry	2
LCA3114-6	Floor leveling compound and underlayment, B, 1st Fl. Laundry	2
LCA3114-7	Steel Fireproofing, Bldg. B, 1st Fl. North Shop, Off White	2
LCA3114-8	Auditorium Firepr. overspry, Bldg. B, Bsmt Lev. Stage, Grey Mat'l	2
LCA3114-9	Auditorium Firepr. overspry, Bldg. B, Bsmt Lev. Stage, White Mat'l	2
LCA3114-10	Plaster Ceiling, Bldg. B, 2nd Fl. Cell Block, Pipe Chase, White	2
LCA3114-11	6" Pipe Fitting Insula., Bldg. B, 2nd Fl. Cell Block, Pipe Chase	2
LCA3114-12	ASM Ovspry on Conc Deck, Atty Ofc. Recept East wall, White	1
LCA3114-13	ASM, Ceiling/I-Beam, Basement-A Elevator Mech. Rm, White	1
LCA3114-14	Paper on Metal Pan Ceiling Tiles, Lobby 2nd Fl., Admin Bldg	1

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Fax: (608) 784-7350 Phone: (608) 784-5688

Project: AS042342, LaCrosse Co. Admin Bldg

Customer ID: MIDW52
Customer PO:
Received: 03/26/04 10:01 AM

EMSL Order: 080401089

EMSL Proj:

Analysis Date: 3/29/2004

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Treatment	Non-Asbestos		Asbestos
				% Fibrous	% Non-Fibrous	% Type
LCA3244-1 080401089-0001		Gray Fibrous Heterogeneous	Teased Crushed	20% Cellulose	80% Non-fibrous (other)	None Detected
LCA3244-2 080401089-0002		White Non-Fibrous Homogeneous	Teased Crushed	<1% Cellulose	100% Non-fibrous (other)	None Detected
LCA3244-3 080401089-0003		Tan Fibrous Heterogeneous	Teased Ashed	40% Cellulose	60% Non-fibrous (other)	None Detected
LCA3244-4 080401089-0004		White Fibrous Heterogeneous	Teased Crushed	10% Cellulose	90% Non-fibrous (other)	None Detected
LCA3244-5 080401089-0005		White Fibrous Heterogeneous	Teased Dissolved	10% Cellulose	90% Non-fibrous (other)	None Detected
LCA3244-6 080401089-0006		Brown Fibrous Heterogeneous	Teased Ashed	60% Cellulose	40% Non-fibrous (other)	None Detected
LCA3244-7 080401089-0007		Brown/Gray Fibrous Heterogeneous	Teased Crushed	20% Cellulose	80% Non-fibrous (other)	None Detected
LCA3244-8 080401089-0008		White Fibrous Heterogeneous	Teased Crushed	5% Cellulose	95% Non-fibrous (other)	None Detected
LCA3244-9 080401089-0009		Gray/White Fibrous Heterogeneous	Teased Ashed	30% Glass 20% Cellulose	50% Non-fibrous (other)	None Detected

Analyst(s)

Scott Sparling (38)

or other approved signatory

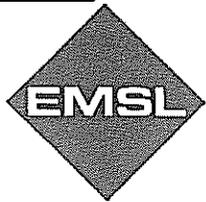
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Analysis performed by EMSL Ann Arbor (NVLAP #101048-4)

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Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Treatment	Non-Asbestos		Asbestos
				% Fibrous	% Non-Fibrous	% Type
LCA3244-10 080401089-0010		White/Yellow Fibrous Heterogeneous	Teased	95% Glass	5% Non-fibrous (other)	None Detected
LCA3244-11-A 080401089-0011	Tile	Tan Non-Fibrous Homogeneous	Teased Dissolved	<1% Cellulose	98% Non-fibrous (other)	2% Chrysotile
LCA3244-11-B 080401089-0032	Mastic	Black Non-Fibrous Homogeneous	Teased Dissolved	5% Cellulose	95% Non-fibrous (other)	None Detected
LCA3244-12-A 080401089-0012	Finished coat	White Non-Fibrous Homogeneous	Teased Dissolved	<1% Cellulose	100% Non-fibrous (other)	None Detected
LCA3244-12-B 080401089-0033	Brown coat	Gray Fibrous Heterogeneous	Teased Dissolved	2% Cellulose	98% Non-fibrous (other)	None Detected
LCA3244-13-A 080401089-0013	Finished coat	White Non-Fibrous Homogeneous	Teased Crushed	<1% Cellulose	100% Non-fibrous (other)	None Detected
LCA3244-13-B 080401089-0034	Brown coat	Gray Fibrous Heterogeneous	Teased Dissolved	2% Cellulose	98% Non-fibrous (other)	None Detected
LCA3244-14 080401089-0014		White/Yellow Fibrous Heterogeneous	Teased	95% Glass	5% Non-fibrous (other)	None Detected
LCA3244-15 080401089-0015		Various Non-Fibrous Heterogeneous	Teased Dissolved	<1% Cellulose	100% Non-fibrous (other)	None Detected

Analyst(s)

Scott Sparling (38)

or other approved signatory

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Analysis Date: 3/29/2004

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Treatment	Non-Asbestos		Asbestos
				% Fibrous	% Non-Fibrous	% Type
LCA3244-16 080401089-0016		Gray Non-Fibrous Heterogeneous	Teased Crushed	<1% Cellulose	100% Non-fibrous (other)	None Detected
LCA3244-17 080401089-0017		Brown/Gray Fibrous Heterogeneous	Teased Crushed	10% Cellulose	90% Non-fibrous (other)	None Detected
LCA3244-18-A 080401089-0018	Finished coat	White Non-Fibrous Homogeneous	Teased Crushed	<1% Cellulose	100% Non-fibrous (other)	None Detected
LCA3244-18-B 080401089-0035	Brown coat	Gray Non-Fibrous Heterogeneous	Teased Dissolved	<1% Cellulose	100% Non-fibrous (other)	None Detected
LCA3244-19 080401089-0019		Gray Fibrous Heterogeneous	Teased Ashed	20% Glass 20% Cellulose	60% Non-fibrous (other)	None Detected
LCA3244-20 080401089-0020		Gray/White Fibrous Heterogeneous	Teased Crushed	10% Cellulose	90% Non-fibrous (other)	None Detected
LCA3244-21 080401089-0021		White Non-Fibrous Homogeneous	Teased Crushed	<1% Cellulose	100% Non-fibrous (other)	None Detected
LCA3244-22 080401089-0022		Gray Fibrous Heterogeneous	Teased Ashed	20% Cellulose	80% Non-fibrous (other)	None Detected
LCA3244-23-A 080401089-0023	Finished coat	White Non-Fibrous Homogeneous	Teased Crushed	2% Cellulose	98% Non-fibrous (other)	None Detected

Analyst(s)

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Sample	Location	Appearance	Treatment	Non-Asbestos		Asbestos
				% Fibrous	% Non-Fibrous	% Type
LCA3244-23-B 080401089-0036	Brown coat	Gray Fibrous Heterogeneous	Teased Dissolved	<1% Cellulose	100% Non-fibrous (other)	None Detected
LCA3244-24 080401089-0024		Gray Fibrous Heterogeneous	Teased Ashed	30% Cellulose	70% Non-fibrous (other)	None Detected
LCA3244-25 080401089-0025		White Non-Fibrous Homogeneous	Teased Crushed	<1% Cellulose	100% Non-fibrous (other)	None Detected
LCA3244-26 080401089-0026		Gray Non-Fibrous Homogeneous	Teased Dissolved	<1% Cellulose	100% Non-fibrous (other)	None Detected
LCA3244-27 080401089-0027		Gray Fibrous Heterogeneous	Teased Ashed	40% Cellulose	60% Non-fibrous (other)	None Detected
LCA3244-28-A 080401089-0028	Finished coat	White Non-Fibrous Homogeneous	Teased Dissolved	2% Cellulose	98% Non-fibrous (other)	None Detected
LCA3244-28-B 080401089-0037	Brown coat	Gray Non-Fibrous Heterogeneous	Teased Dissolved	2% Hair 2% Cellulose	96% Non-fibrous (other)	None Detected
LCA3244-29 080401089-0029		Gray Fibrous Heterogeneous	Teased Crushed	20% Cellulose	80% Non-fibrous (other)	None Detected
LCA3244-30 080401089-0030		White Non-Fibrous Homogeneous	Teased Dissolved	<1% Cellulose	100% Non-fibrous (other)	None Detected

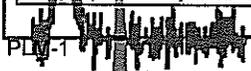
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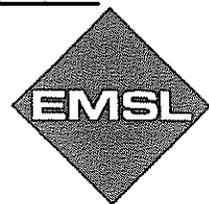
Analysis performed by EMSL Ann Arbor (NVLAP #101048-4)



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Analysis Date: 3/29/2004

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Treatment	Non-Asbestos		Asbestos
				% Fibrous	% Non-Fibrous	% Type
LCA3244-31-A 080401089-0031	Tile	Beige Non-Fibrous Homogeneous	Teased Dissolved	<1% Cellulose	95% Non-fibrous (other)	5% Chrysotile
LCA3244-31-B 080401089-0038	Mastic	Black Non-Fibrous Homogeneous	Teased Dissolved	<1% Cellulose	100% Non-fibrous (other)	None Detected

Analyst(s)

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Analysis performed by EMSL Ann Arbor (NVLAP #101048-4)



Bulk Sample Log Form

Facility ID: LaCrosse County Administration Building Project No: AS042342

Analysis Requested: PLM, EPA 600 Collected By: Rick Stickler, CIH

State Certification: AII-00425 Date Collected: 3-24-04 Date Submitted: 3-24-04

Submitted To: EMSL Analytical, Inc., Ann Arbor, MI Carrier: Fed Ex

Submitted By: Rick Stickler, MEM Co. Signature: [Signature]

Date Received: _____ Received By: _____

Bulk Sample Number	Location & Description of Bulk Sample	Homogeneous Area
LCA3244-1	2nd Fl., <u>Playwall, Corp. Council Office</u> ^{Rm 3300} <u>Door</u> ^{Above}	1 ✓
LCA3244-2	2nd Fl., <u>Joint Compound, Corp Council Office</u> ^{Above} <u>Door</u>	1 ✓
LCA3244-3	2nd Fl., <u>2'x2' Lay-in Dec. Ceiling Tile Panel, Council</u> ^{Above Door}	1 ✓
LCA3244-4	3rd Fl., <u>Drywall, Hall, Rm 3300</u> <u>Sw corner</u>	1 ✓
LCA3244-5	3rd Fl., <u>Joint Compound - Hall, 3300</u> <u>Sw corner</u>	1 ✓
LCA3244-6	3rd Fl., <u>2'x2' Lay-in Dec Ceiling Tile Panel,</u> ^{Hall 3300} <u>Sw Corner</u>	1 ✓
LCA3244-7	Bsmt., <u>Drywall, B-360, IT Storage</u>	1 ✓
LCA3244-8	Bsmt., <u>Joint Compound, B-360</u> ³⁶⁰ <u>IT Storage,</u> ^{North Hall}	1 ✓
LCA3244-9	Bsmt., <u>2'x2' Lay-in Dec Ceiling Tile</u> ^{ASCC Rm} <u>B-360</u> ^{B-460}	1 ✓
LCA3244-10	Bsmt., <u>12"x12" Spline Ceiling Tile,</u> ^{Old Land Conserv} <u>Office, B-460</u>	1 ✓
LCA3244-11	Bsmt., <u>12"x12" Vinyl Floor Tile & BIK Master,</u> ^{Gray w/ white grout} <u>B-460</u>	1 ✓
LCA3244-12	Bsmt., <u>Hard Plaster Wall,</u> ^{Thin & Rough Coat} <u>Old Records Rm, B-490</u>	1 ✓
LCA3244-13	Bsmt., <u>Hard Plaster Wall,</u> ^{Thin & Rough Coat} <u>JANITORS Stop Sink Rm</u> ^{Records Rm} <u>B-520</u>	1 ✓
LCA3244-14	Bsmt., <u>12"x12" Spline Ceiling Tile,</u> ^{Records Rm} <u>Old Corp Council</u>	1 ✓
LCA3244-15	Bsmt., <u>Ceramic Tile Grout,</u> <u>JANITOR Closet</u> <u>B-520</u>	1 ✓
LCA3244-16	Bsmt., <u>Ceramic Tile Adhesive,</u> ^{Wall tile - white} <u>Brown</u> <u>B-520</u>	1 ✓
Homogeneous Areas 1 = Bldg "A", 1962		



Bulk Sample Log Form

Facility ID: LaCrosse County Administration Building Project No: AS042342

Analysis Requested: PLM, EPA 600 Collected By: Rick Stickler, CIH

State Certification: AII-00425 Date Collected: 3-24-04 Date Submitted: 3-24-04

Submitted To: EMSL Analytical, Inc., Ann Arbor, MI Carrier: Fed Ex

Submitted By: Rick Stickler, MEM Co. Signature: [Handwritten Signature]

Date Received: _____ Received By: _____

Bulk Sample Number	Location & Description of Bulk Sample	Homogeneous Area	
LCA3244-17	1st Fl., Drywall, Shop Day Rm, Rm #1090, Ceiling	2	✓
LCA3244-18	1st Fl., Joint Compound, Shop Day Rm, #1090	2	✓
LCA3244-19	1st Fl., 2'x2' Lay-in Ceiling Tile Panel, Dispatch Rm	2	✓
LCA3244-20	1st Fl., Drywall Plaster Wall, Bar Coder Rm, Print Shop	2	✓
LCA3244-21	1st Fl., Joint Compound, Wall, Bar Coder Rm, Print Shop	2	✓
LCA3244-22	1st Fl., 2'x4' Lay-in Ceiling Tile Panel, Print Shop	2	✓
LCA3244-23	Bsmt., 911 area, Hard Plaster Ceiling, Equip Rm	2	✓
LCA3244-24	Bsmt., 911 area, Suspended 2'x2' Lay-in Ceiling Tile, Equip Rm	2	✓
LCA3244-25	Basement, Ceramic Tile Grout, Drawing Rm #2000	2	✓
LCA3244-26	2nd Fl., Ceramic Tile Adhesive, Drawing Rm #2000	2	✓
LCA3244-27	1st Fl., Print Shop, 2'x2' CT Press Rm NW	2	✓
LCA3244-28	1st Fl., Print Shop - Plaster Wall, Wood Rm	2	✓
LCA3244-29	Bsmt., 911 Drywall, Main Dispatch Rm - South	2	✓
LCA3244-30	Bsmt., 911, Joint Compound, Dispatch Rm, South	2	✓
LCA3244-31	Bsmt., 911, 12" x 12" ^{lt.} Grey fl. Tile w/ Grey Flecks and black mortar, Rm North of Dispatch	2	✓

WISCONSIN ASBESTOS PROJECT

SITE NAME <u>Lax County Court House</u> ADDRESS _____ CITY _____ ZIP _____ NUMBER _____	DATE COLLECTED <u>05, 07, 85</u> M O D A Y R	DATE RECEIVED LAB <u>05, 08, 85</u> M O D A Y R																								
COLLECTOR <u>HSR Associates</u> NAME <u>100 Milwaukee St</u> <u>Lax WI 54601</u> CITY ZIP	SCHOOL DISTRICT NUMBER _____ (IF APPLICABLE)	LAB NO. <u>16127</u>																								
DILHR ASBESTOS EXPOSURE TABULATION <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:50%;">FACTOR</th> <th style="width:50%;">FACTOR SCORE</th> </tr> </thead> <tbody> <tr><td>1. MATERIAL CONDITION</td><td>_____</td></tr> <tr><td>2. WATER DAMAGE</td><td>_____</td></tr> <tr><td>3. EXPOSED SURFACE</td><td>_____</td></tr> <tr><td>4. ACCESSIBILITY</td><td>_____</td></tr> <tr><td>5. ACTIVITY AND MOVEMENT</td><td>_____</td></tr> <tr><td>6. AIR PLENUM</td><td>_____</td></tr> <tr><td>ADD FACTORS SCORE OF ITEMS 1-6</td><td>_____ A</td></tr> <tr><td>7. ASBESTOS CONTENT</td><td>_____</td></tr> <tr><td>8. FRIABILITY</td><td>_____</td></tr> <tr><td>MULTIPLY ITEMS 7-8</td><td>_____ B</td></tr> <tr><td>MULTIPLY LINE A AND B</td><td>_____ EXPOSURE NUMBER</td></tr> </tbody> </table>	FACTOR	FACTOR SCORE	1. MATERIAL CONDITION	_____	2. WATER DAMAGE	_____	3. EXPOSED SURFACE	_____	4. ACCESSIBILITY	_____	5. ACTIVITY AND MOVEMENT	_____	6. AIR PLENUM	_____	ADD FACTORS SCORE OF ITEMS 1-6	_____ A	7. ASBESTOS CONTENT	_____	8. FRIABILITY	_____	MULTIPLY ITEMS 7-8	_____ B	MULTIPLY LINE A AND B	_____ EXPOSURE NUMBER	TYPE OF SPECIMEN PIPE COVERING _____ CEILING COVERING _____ WALL COVERING _____ INSULATION _____ SPRAYED _____ TILE _____ OTHER _____	LAB RESULTS AMOSITE <u>0</u> - <u>0</u> % CHRYSOTILE <u>10</u> - <u>15</u> % CROCIDOLITE <u>0</u> - <u>0</u> % ANTHOPHYLLITE <u>0</u> - <u>0</u> % TREMOLITE <u>0</u> - <u>0</u> % ACTINOLITE <u>0</u> - <u>0</u> %
	FACTOR	FACTOR SCORE																								
1. MATERIAL CONDITION	_____																									
2. WATER DAMAGE	_____																									
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6. AIR PLENUM	_____																									
ADD FACTORS SCORE OF ITEMS 1-6	_____ A																									
7. ASBESTOS CONTENT	_____																									
8. FRIABILITY	_____																									
MULTIPLY ITEMS 7-8	_____ B																									
MULTIPLY LINE A AND B	_____ EXPOSURE NUMBER																									
	DESCRIPTION OF SAMPLING SITE <u>Sample #4 'A'</u> <u>2nd floor corridor</u> <u>fireproofing</u>	OTHER FIBERS <u>cellulose</u> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>																								
DIRECTOR REPORT _____ BILL TO: <u>HSR Assoc.</u>	AGE OF BUILDING (YEAR) _____ DATE OF ASBESTOS INSTALLATION _____	NON-FIBROUS MATERIALS <u>Binding Material</u> COMMENTS <u>Please phone results</u> <u>(8) 784-1830</u> <u>phoned</u> <u>5-18-85</u> <u>en</u>																								
PATL SPECIMEN AND FORM TO: STATE LABORATORY OF HYGIENE 465 HENRY MALL MADISON, WI 53706	AIR SAMPLING SAMPLE NUMBER _____ VOLUME _____ RESULTS _____ FIBERS/CC	ANALYTICAL METHOD OPTICAL STAINING <input checked="" type="checkbox"/> <u>en</u> POLARIZING LIGHT <input checked="" type="checkbox"/> <u>en</u> X-RAY DIFFRACTION _____ ELECTRON MICROSCOPY _____ PHASE CONTRAST MICROSCOPY _____ SEE ATTACHED _____																								
DATE REPORTED <u>05, 13, 85</u> M O D A Y R																										

Amosite, Chrysotile, Crocidolite, Anthophyllite, Tremolite, and Actinolite are "Asbestos Fibers". Any value other than "1%" is a positive finding. Since these percentages are estimates, they will vary slightly from sample to sample.

WISCONSIN ASBESTOS PROJECT

SITE NAME Lax County Court House
 ADDRESS _____
 CITY _____ ZIP _____
 NUMBER _____

DATE COLLECTED 05,07,85
 M O D A Y R
 SCHOOL DISTRICT NUMBER _____
 (IF APPLICABLE)

DATE RECEIVED LAB 05,08,85
 M O D A Y R
 LAB NO. 16130

COLLECTOR HSR Associates
 NAME 100 Milwaukee St.
Lacrosse 54601
 CITY ZIP

TYPE OF SPECIMEN
 PIPE COVERING _____
 CEILING COVERING _____
 WALL COVERING _____
 INSULATION _____
 SPRAYED _____
 TILE _____
 OTHER _____

LAB RESULTS
 AMOSITE 0 - 0 %
 CHRYSOTILE 10 - 20 %
 CROCIDOLITE 0 - 0 %
 ANTHOPHYLLITE 0 - 0 %
 TREMOLITE 0 - 0 %
 ACTINOLITE 0 - 0 %

DILHR ASBESTOS EXPOSURE TABULATION	
FACTOR	FACTOR SCORE
1. MATERIAL CONDITION	_____
2. WATER DAMAGE	_____
3. EXPOSED SURFACE	_____
4. ACCESSIBILITY	_____
5. ACTIVITY AND MOVEMENT	_____
6. AIR PLENUM	_____
ADD FACTORS SCORE OF ITEMS 1-6 _____ A	
7. ASBESTOS CONTENT	_____
8. FRIABILITY	_____
MULTIPLY ITEMS 7-8 _____ B	
MULTIPLY LINE A AND B _____ EXPOSURE NUMBER	

DESCRIPTION OF SAMPLING SITE
Sample # 5 "A"
2nd floor corridor
light core plaster

OTHER FIBERS cellulose
 YES NO

NON-FIBROUS MATERIALS Binding material

COMMENTS
Please phone results
(8) 784-1830
phoned
5-13-85
CLV

ECTOR REPORT NUMBER _____
 BILL TO: HSR Assoc.

AGE OF BUILDING (YEAR) _____
 DATE OF ASBESTOS INSTALLATION _____

STATE SPECIMEN AND FORM TO: STATE LABORATORY OF HYGIENE
 465 HENRY MALL
 MADISON, WI 53706

AIR SAMPLING
 SAMPLE NUMBER _____
 VOLUME _____
 RESULTS _____ FIBERS/CC

ANALYTICAL METHOD ANALYST INITIALS
 OPTICAL STAINING ✓ CLV
 POLARIZING LIGHT ✓ CLV
 X-RAY DIFFRACTION _____
 ELECTRON MICROSCOPY _____
 PHASE CONTRAST MICROSCOPY _____
 SEE ATTACHED _____

DATE REPORTED 05,13,85
 M O D A Y R

Amosite, Chrysotile, Crocidolite, Anthophyllite, Tremolite, and Actinolite are "Asbestos Fibers". Any value other than "1%" is a positive finding. Since these percentages are estimates, they will vary slightly from sample to sample.

WISCONSIN ASBESTOS PROJECT

SITE NAME Lax County Court House
 ADDRESS _____
 CITY _____ ZIP _____
 MEMBER _____

DATE COLLECTED 05, 07, 85
 M O D A Y R

DATE RECEIVED LAB 05, 08, 85
 M O D A Y R

COLLECTOR HSR Associates
 NAME 100 Milwaukee St.
La Crosse 54601
 CITY ZIP

SCHOOL DISTRICT NUMBER _____
 (IF APPLICABLE)

LAB NO. 16/31

DILHR ASBESTOS EXPOSURE TABULATION	
FACTOR	FACTOR SCORE
1. MATERIAL CONDITION	_____
2. WATER DAMAGE	_____
3. EXPOSED SURFACE	_____
4. ACCESSIBILITY	_____
5. ACTIVITY AND MOVEMENT	_____
6. AIR PLENUM	_____
ADD FACTORS SCORE OF ITEMS 1-6 _____ A	
7. ASBESTOS CONTENT	_____
8. FRIABILITY	_____
MULTIPLY ITEMS 7-8 _____ B	
MULTIPLY LINE A AND B _____ EXPOSURE NUMBER	

TYPE OF SPECIMEN

PIPE COVERING _____

CEILING COVERING _____

WALL COVERING _____

INSULATION _____

SPRAYED _____

TILE _____

OTHER _____

LAB RESULTS

AMOSITE	<u>0</u> - <u>0</u> %
CHRYSOTILE	<u>10</u> - <u>15</u> %
CROCIDOLITE	<u>0</u> - <u>0</u> %
ANTHOPHYLLITE	<u>0</u> - <u>0</u> %
TREMOLITE	<u>0</u> - <u>0</u> %
ACTINOLITE	<u>0</u> - <u>0</u> %

DESCRIPTION OF SAMPLING SITE

Sample #6 'A'
1st floor ceiling
fireproofing

OTHER FIBERS cellulose

YES NO

NON-FIBROUS MATERIALS Binding Material

COMMENTS

Please phone results
(8) 784-1930
phoned
5-13-85
ch.

FACTOR REPORT _____
 OR _____

AGE OF BUILDING (YEAR) _____
 DATE OF ASBESTOS INSTALLATION _____

BILL TO: HSR Assoc.

MAIL SPECIMEN AND FORM TO: STATE LABORATORY OF HYGIENE
 465 HENRY MALL
 MADISON, WI 53706

AIR SAMPLING

SAMPLE NUMBER _____

VOLUME _____

RESULTS _____

FIBERS/CC

ANALYTICAL METHOD	ANALYST INITIALS
OPTICAL STAINING	<u>ch</u>
POLARIZING LIGHT	<u>ch</u>
X-RAY DIFFRACTION	_____
ELECTRON MICROSCOPY	_____
PHASE CONTRAST MICROSCOPY	_____
SEE ATTACHED	_____

DATE REPORTED 05, 13, 85
 M O D A Y R

Amosite, Chrysotile, Crocidolite, Anthophyllite, Tremolite, and Actinolite are "Asbestos Fibers". Any value other than "1%" is a positive finding. Since these percentages are estimates, they will vary slightly from sample to sample.

WISCONSIN ASBESTOS PROJECT

SITE NAME La Crosse County Court House
 ADDRESS _____
 CITY _____ ZIP _____
 MEMBER _____

DATE COLLECTED 05, 07, 85
 H O D A Y R

DATE RECEIVED LAB 05, 08, 85
 M O D A Y R

COLLECTOR HSR Associates
 NAME 100 Milwaukee St.
La Crosse 54601
 CITY ZIP

SCHOOL DISTRICT NUMBER _____
 (IF APPLICABLE)

LAB NO. 16133

DILHR ASBESTOS EXPOSURE TABULATION	
FACTOR	FACTOR SCORE
1. MATERIAL CONDITION	_____
2. WATER DAMAGE	_____
3. EXPOSED SURFACE	_____
4. ACCESSIBILITY	_____
5. ACTIVITY AND MOVEMENT	_____
6. AIR PLENUM	_____
ADD FACTORS SCORE OF ITEMS 1-6 _____ A	
7. ASBESTOS CONTENT	_____
8. FRIABILITY	_____
MULTIPLY ITEMS 7-8 _____ B	
MULTIPLY LINE A AND B _____	
EXPOSURE NUMBER _____	

TYPE OF SPECIMEN
 PIPE COVERING _____
 CEILING COVERING _____
 WALL COVERING _____
 INSULATION _____
 SPRAYED _____
 TILE _____
 OTHER _____

LAB RESULTS

AMOSITE	<u>0</u> - <u>0</u> %
CHRYSTOTILE	<u>10</u> - <u>20</u> %
CROCIDOLITE	<u>0</u> - <u>0</u> %
ANTHOPHYLLITE	<u>0</u> - <u>0</u> %
TREMOLITE	<u>0</u> - <u>0</u> %
ACTINOLITE	<u>0</u> - <u>0</u> %

DESCRIPTION OF SAMPLING SITE
Sample #8 'B'
Basement ceiling
fireproofing

OTHER FIBERS cellulose
 YES NO

NON-FIBROUS MATERIALS Binding Material

COMMENTS
Please phone results
(8) 784-1830
phoned
5-13-85
CR

FACTOR REPORT _____
 BY _____

AGE OF BUILDING (YEAR) _____
 DATE OF ASBESTOS INSTALLATION _____

BILL TO: HSR Assoc.

MAIL SPECIMEN AND FORM TO: STATE LABORATORY OF HYGIENE
 465 HENRY MALL
 MADISON, WI 53706

AIR SAMPLING
 SAMPLE NUMBER _____
 VOLUME _____
 RESULTS _____
 FIBERS/CC

ANALYTICAL METHOD	ANALYST INITIALS
OPTICAL STAINING	<u>CR</u>
POLARIZING LIGHT	<u>CR</u>
X-RAY DIFFRACTION	_____
ELECTRON MICROSCOPY	_____
PHASE CONTRAST MICROSCOPY	_____
SEE ATTACHED	_____

DATE REPORTED 05, 15, 85
 H O D A Y R

Amosite, Chrysotile, Crocidolite, Anthophyllite, Tremolite, and Actinolite are "Asbestos Fibers". Any value other than "1%" is a positive finding. Since these percentages are estimates, they will vary slightly from sample to sample.

SITE NAME LaCrosse County Court House
 ADDRESS _____
 CITY _____ ZIP _____
 NUMBER _____

DATE COLLECTED 05/07/85
M O D A Y R
 SCHOOL DISTRICT NUMBER _____
 (IF APPLICABLE)

DATE RECEIVED LAB 05/08/85
M O D A Y R
 LAB NO. 16134

COLLECTOR NAME HSR Associates
100 Mulvaney St.
LaCrosse 54601
CITY ZIP

TYPE OF SPECIMEN
 PIPE COVERING _____
 CEILING COVERING _____
 WALL COVERING _____
 INSULATION _____
 SPRAYED _____
 TILE _____
 OTHER _____

LAB RESULTS
 AMOSITE 0 - 0 %
 CHRYSOTILE 10 - 20 %
 CROCIDOLITE 0 - 0 %
 ANTHOPHYLLITE 0 - 0 %
 TREMOLITE 0 - 0 %
 ACTINOLITE 0 - 0 %

DILHR ASBESTOS EXPOSURE TABULATION

FACTOR	FACTOR SCORE
1. MATERIAL CONDITION	_____
2. WATER DAMAGE	_____
3. EXPOSED SURFACE	_____
4. ACCESSIBILITY	_____
5. ACTIVITY AND MOVEMENT	_____
6. AIR PLENUM	_____
ADD FACTORS SCORE OF ITEMS 1-6 _____ A	
7. ASBESTOS CONTENT	_____
8. FRIABILITY	_____
MULTIPLY ITEMS 7-8 _____ B	
MULTIPLY LINE A AND B _____	
EXPOSURE NUMBER _____	

DESCRIPTION OF SAMPLING SITE
Sample #9 'B'
2nd floor ceiling
fireproofing

OTHER FIBERS cellulose
 YES NO

NON-FIBROUS MATERIALS Binding Material

COMMENTS
Please phone results
(8) 784-1830
phoned
5-13-85
ca.

FACTOR REPORT NUMBER _____

AGE OF BUILDING (YEAR) _____
 DATE OF ASBESTOS INSTALLATION _____

BILL TO: HSR Assoc.

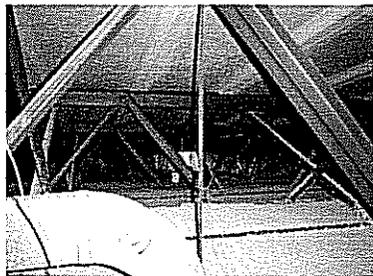
MAIL SPECIMEN AND FORM TO: STATE LABORATORY OF HYGIENE
 465 HENRY MALL
 MADISON, WI 53706

AIR SAMPLING
 SAMPLE NUMBER _____
 VOLUME _____
 RESULTS _____
FIBERS/CC

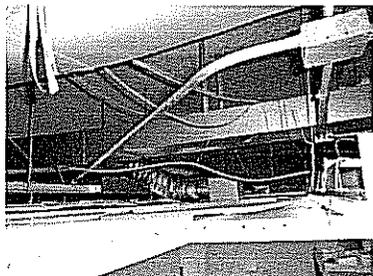
ANALYTICAL METHOD ANALYST INITIALS
 OPTICAL STAINING ca.
 POLARIZING LIGHT ca.
 X-RAY DIFFRACTION _____
 ELECTRON MICROSCOPY _____
 PHASE CONTRAST MICROSCOPY _____
 SEE ATTACHED _____

DATE REPORTED 05/13/85
M O D A Y R

Amosite, Chrysotile, Crocidolite, Anthophyllite, Tremolite, and Actinolite are "Asbestos Fibers". Any value other than "1%" is a positive finding. Since these percentages are estimates, they will vary slightly from sample to sample.



Structural System with Plaster Overspray....



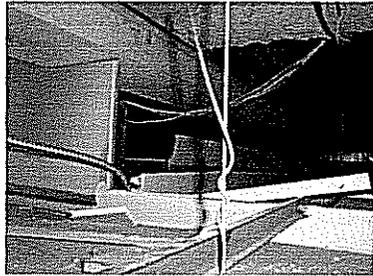
Above Ceiling View of FP Overspray.JPG



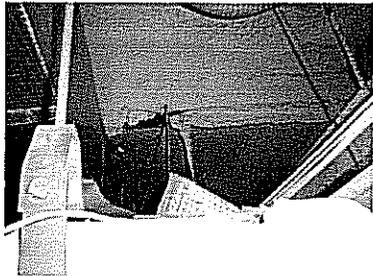
Basement Ceiling with Debris.JPG



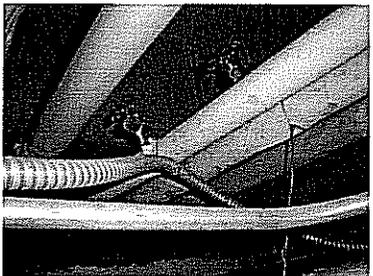
Basement Computer Room.JPG



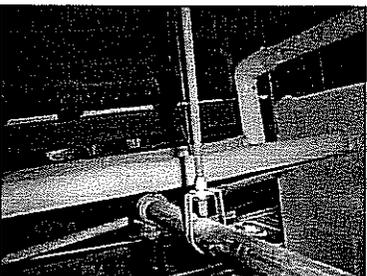
Basement Fireproofing & Debris.JPG



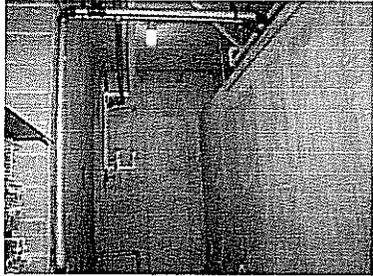
Damaged Fireproofing.JPG



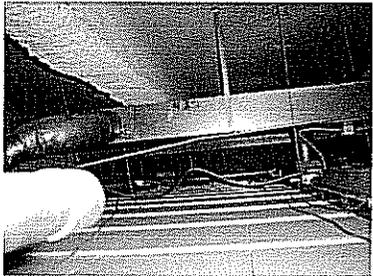
DSC00523.JPG



DSC00533.JPG



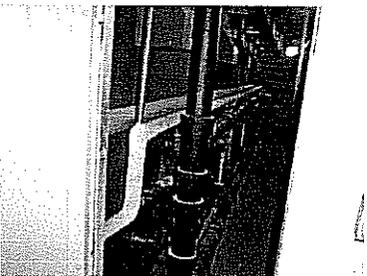
Elevator Equipment Room.JPG



Fireproofing on I-Beam.JPG



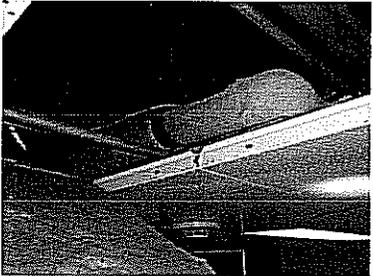
Hanging Ductwork.JPG



Jail Pipe Chase.JPG



Office View.JPG



Pipe Fitting Above Ceiling.JPG



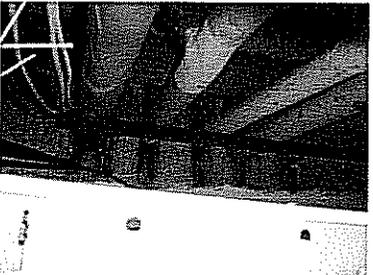
Return Air Inlet Basement.JPG



Steel Stud Wall Above Ceiling.JPG



Structural System with Plaster Overspray....



Thermal Pipe Fittings.JPG



Top View of Firewall and Ceiling.JPG

Certificate No: 5LM09180315MPR

Expiration Date: September 18, 2004

This is to certify that

Rick Stickler

has attended and successfully completed an

**ASBESTOS MANAGEMENT PLANNER
REFRESHER TRAINING COURSE**

permitted by

the State of Minnesota under Minnesota Rules 4620.3702 to 4620.3722

and meets the requirements of

Section 206 of Title II of the Toxic Substances Control Act (TSCA)

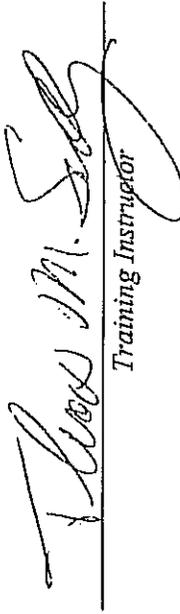
conducted by

Lake States Environmental, Ltd.

White Bear Lake, MN on September 18, 2003

Examination Date: September 18, 2003

Lake States Environmental, Ltd
P. O. Box 645, Rice Lake, WI 54868
(800) 254-9811


Training Instructor

Certificate No: 5LM09180322BIR

Expiration Date: September 18, 2004

This is to certify that

Rick Stickler

has attended and successfully completed an

**ASBESTOS BUILDING INSPECTOR
REFRESHER TRAINING COURSE**

permitted by

the State of Minnesota under Minnesota Rules 4620.3702 to 4620.3722

and meets the requirements of

Section 206 of Title II of the Toxic Substances Control Act (TSCA)

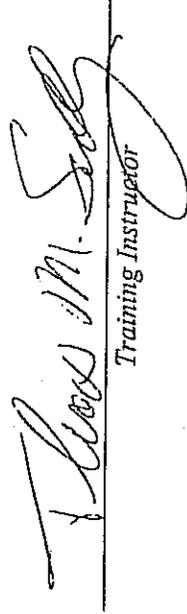
conducted by

Lake States Environmental, Ltd.

White Bear Lake, MN on September 18, 2003

Examination Date: September 18, 2003

Lake States Environmental, Ltd.
P. O. Box 645, Rice Lake, WI 54868
(800) 254-9811


Training Instructor



ASBESTOS MGMT. PLANNER
 Issued By
 STATE OF WISCONSIN
 Dept. of Health & Family Services

RICK STICKLER
 123 4TH ST N STE 202
 LA CROSSE WI 54601

180 lbs	6' 02"
---------	--------

AMP-425	10/03/2003	09/19/1956	Male
---------	------------	------------	------

Training due by: 10/03/2003



ASBESTOS INSPECTOR
 Issued By
 STATE OF WISCONSIN
 Dept. of Health & Family Services

RICK STICKLER
 123 4TH ST N STE 202
 LA CROSSE WI 54601

180 lbs	6' 02"
---------	--------

AII-425	10/03/2003	09/19/1956	Male
---------	------------	------------	------

Training due by: 10/03/2003



ASBESTOS SUPERVISOR
 Issued By
 STATE OF WISCONSIN
 Dept. of Health & Family Services

RICK STICKLER
 123 4TH ST N STE 202
 LA CROSSE WI 54601

180 lbs	6' 02"
---------	--------

ACS-425	05/23/2004	09/19/1956	Male
---------	------------	------------	------

Training due by: 05/23/2004



ASBESTOS PROJ. DESIGNER
 Issued By
 STATE OF WISCONSIN
 Dept. of Health & Family Services

RICK STICKLER
 123 4TH ST N STE 202
 LA CROSSE WI 54601

180 lbs	6' 02"
---------	--------

APD-425	02/20/2004	09/19/1956	Male
---------	------------	------------	------

Training due by: 02/20/2004



M·E·T·A

Mayhew Environmental Training Associates

I N C O R P O R A T E D

Certificate # 7ME10087501MNIR011

This is to certify that

George Nygaard

*has on 10/08/03 - 10/08/03, in EAGAN, MN
attended and successfully completed an*

Asbestos Inspector Refresher Training Course

*as permitted by the State of Minnesota under Minnesota Rules 4620.3702 to 4620.3722 and which
meets the requirements of the U.S.E.P.A. and Section 206 of Title II of TSCA, 15 U.S.C. 2646*

CM = 1.0 PTS.



Robert J. Saen

Instructor

R. Bull M.J.

President

Date of Exam: 10/08/03
Soc. Sec #: 398-50-8934
Accreditation Expires: 10/08/04

META - P.O. Box 786 - Lawrence KS 66044 - 800-444-6382



ASBESTOS INSPECTOR
 Issued By
 STATE OF WISCONSIN
 Dept. of Health & Family Services

GEORGE RAY NYGAARD
 52126 WING HOLLOW RD
 CHASEBURG WI 54621

		230 lbs	5' 10"
AII-13016	10/22/2004	03/12/1947	Male

Training due by: 10/22/2004



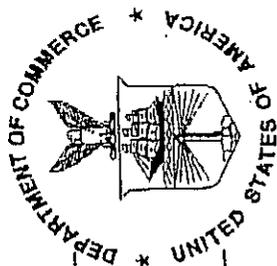
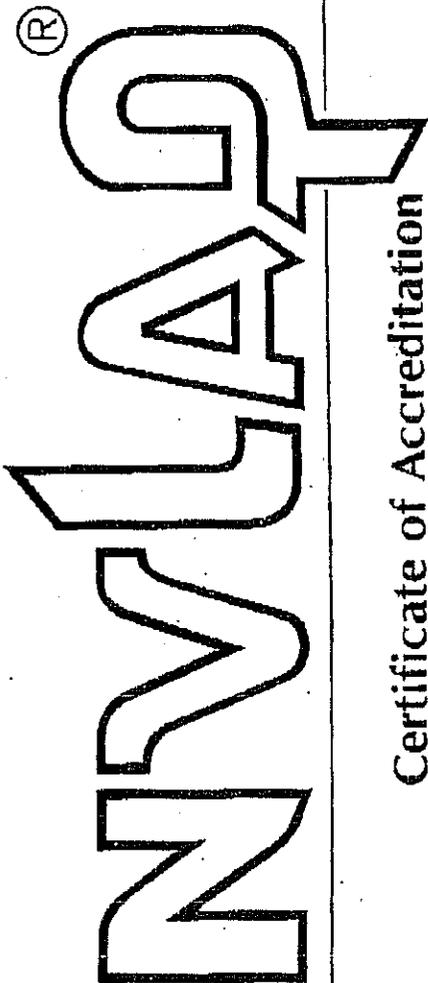
ASBESTOS SUPERVISOR
 Issued By
 STATE OF WISCONSIN
 Dept. of Health & Family Services

GEORGE RAY NYGAARD
 52126 WING HOLLOW RD
 CHASEBURG WI 54621

		230 lbs	5' 10"
ACS-13016	11/11/2004	03/12/1947	Male

Training due by: 11/11/2004

United States Department of Commerce
National Institute of Standards and Technology



ISO/IEC 17025:1999
ISO 9002:1994

Certificate of Accreditation

EMSL ANALYTICAL, INC.
ANN ARBOR, MI

is recognized by the National Voluntary Laboratory Accreditation Program
for satisfactory compliance with criteria set forth in NIST Handbook 150:2001,
all requirements of ISO/IEC 17025:1999, and relevant requirements of ISO 9002:1994.
Accreditation is awarded for specific services, listed on the Scope of Accreditation, for:

BULK ASBESTOS FIBER ANALYSIS

June 30, 2004

Effective through

for the National Institute of Standards and Technology
NVLAP Lab Code: 101048-4