HMS, Inc.

HAZARD MANAGEMENT SERVICES, INC.
PO Box 576848
Modesto, CA 95357-6848
(209) 551-2000 • (209) 575-5657 Fax

March 4, 2009

Stan Dobbs, Interim Bond Director
Solano County Community College
4000 Suisun Valley Road
Fairfield, CA 94534

Dear Mr. Dobbs,

This letter contains a report on an asbestos sampling exercise conducted by Hazard Management Services, Inc. at the Theater, Building 1200, on your Solano County Community College campus. You requested that we collect a few cursory samples of various building materials to get an idea about abatement implications associated with an upcoming renovation project. Before any renovation can occur a complete and thorough inspection would be necessary.

This inspection was conducted by James E Sharp and Tina Markley, of HMS, Inc. on 2/25/09. A copy of Mr Sharp's Cal/OSHA certification is attached.

Procedures

At your request we collected samples from only the major components of the building. This included wall and ceiling surfaces, flooring, HVAC tape and sealants, baseboards and acoustic ceiling tiles. Plaster and drywall systems were tested on walls and ceilings, the major type of 2' X 4' false ceiling tiles was tested as well as two types of 12" vinyl floor tiles and mastic. Roofing materials were also collected.

A total of only 13 samples was collected and sent to Forensic Analytical Specialties, Inc. for analysis by polarized light microscopy. Forensic is accredited by the National Voluntary Laboratory Accreditation Program for this type of analysis. A copy of it's documentation is attached.

Results

All drywall samples contained asbestos in the skim coat and joint compound. It must be classified as hazardous, asbestos-contained waste. Floor tiles and most of the tile mastic also contained asbestos. Single samples from plaster, one type of 2' X 4' false ceiling panel, brown baseboard and mastic, three roof samples and two duct tape samples all were negative for asbestos.

As noted before this was not a complete inspection. Additional samples will have to be taken to comply with regulatory requirements. There were numerous small quantity items which will require sampling plus the plaster and the roofing will require some confirmation samples.

367 Civic Drive, #7
Pleasant Hill, CA 94523-2284
(925) 363-3442
(925) 363-7897 Fax

4949 Buckley Way, #108
Bakersfield, CA 93309-4881
(661) 833-0351
(661) 833-0361 Fax

371 E. Bullard Ave., Ste. 109
Fresno, CA 93710-5217
(559) 436-0277
(559) 436-0279 Fax

I did not quantify materials during this evaluation due to its cursory nature. Therefore, I cannot give an estimate of abatement costs. However, if all the drywall and flooring is asbestos-containing, and it probably is, abatement costs will easily exceed $150,000. Of course, if less than all the drywall must be removed costs would be less.

You should also advise all personnel in this building about the drywall and the vinyl floor tile results. Moving the heavy equipment and stage props have damaged some sections of drywall producing some friable materials. Water damage, particularly in the Green Room area, also has produced damaged areas of drywall. It is important to avoid further contact or water problems.

Comments

1. The area shown in picture No. 1 shows water damage to the plaster ceiling in the seating area of the Auditorium. One small piece has already fallen and the plaster was wet from recent rains at the time of our visit. While this plaster does not contain asbestos, the potential for further deterioration increases with each rain storm.

2. The ceiling tiles and the walls above and below the ceiling tiles in the Green Room show damage and mold growth. See picture Nos. 4 and 5. While the saturated ceiling tile may fall the walls are water damaged but are intact.

If you have any questions please call (209) 551-2000.

Sincerely,

James E Sharp
Cal/OSHA 05-3819

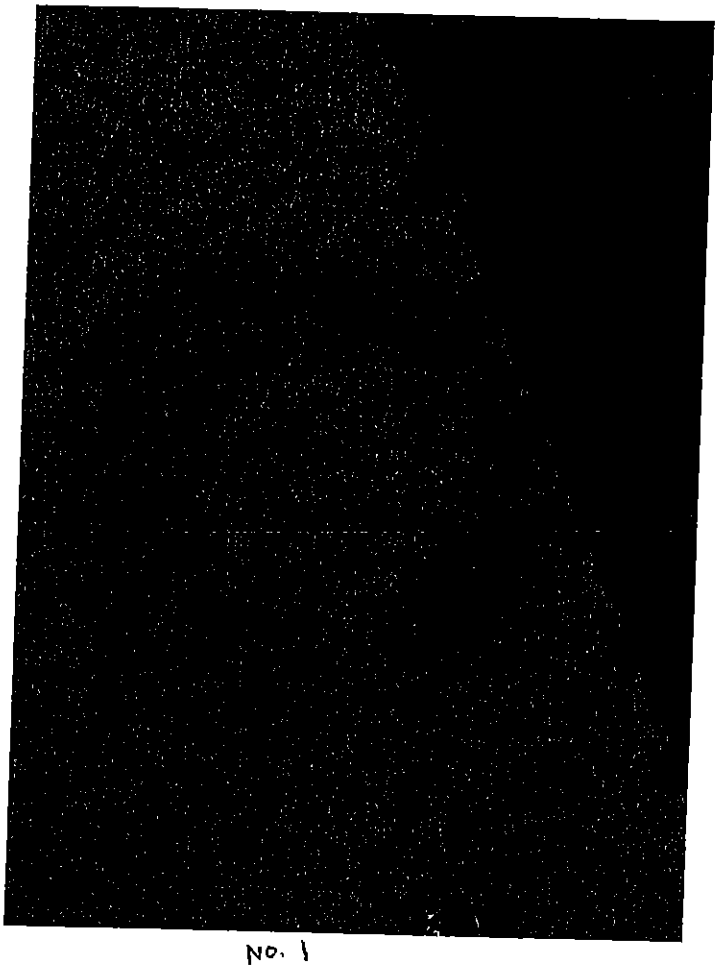
BUILDING 1200
PICTURES LOG

1. Water damage on plaster ceiling in auditorium seating area

2/3. Water damaged drywall next to upstair Control Room

4. Water damaged ceiling tiles and drywall in Green Room next to stage.

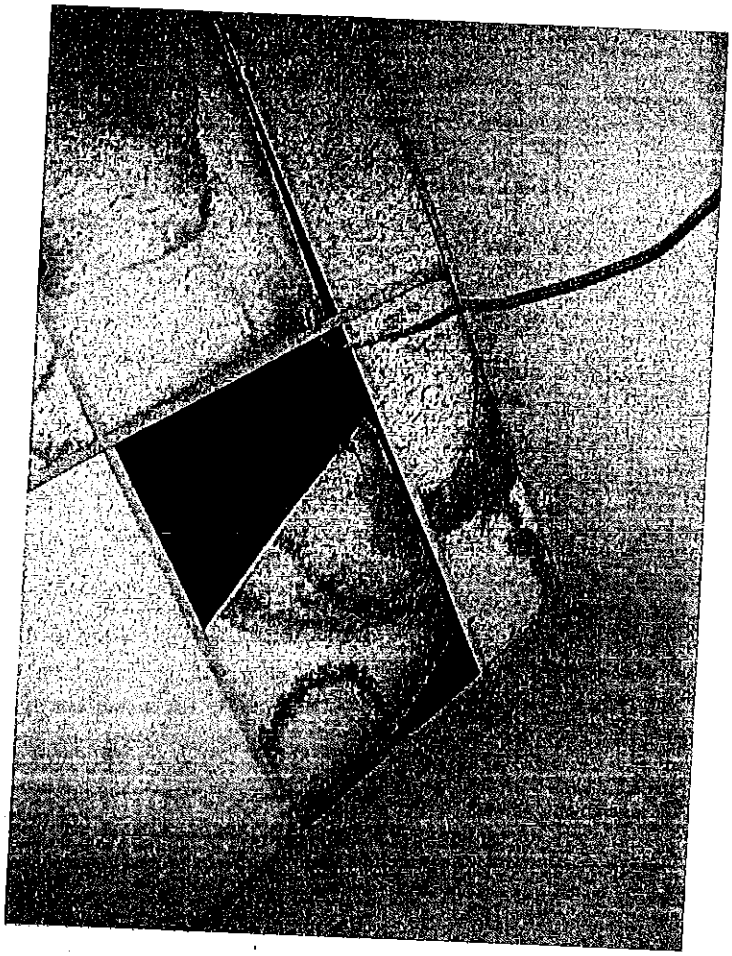
5. Mold growth on walls above water damaged tiles in Green Room.



No. 1

No. 2

No. 3



No.4

No.5

Forensic Analytical

Final Report

Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Hazard Mgmt Services - Modesto
Jim Sharp
PO Box 576848

Modesto, CA 95357-6848

Client ID: 1146
Report Number: B121897
Date Received: 02/27/09
Date Analyzed: 03/02/09
Date Printed: 03/02/09
First Reported: 03/02/09

Job ID/Site: M09-024 - Bldg 1200, Solano County Comm. College

Date(s) Collected: 02/26/2009

FASI Job ID: 1146
Total Samples Submitted: 13
Total Samples Analyzed: 13

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HMS-M09-024-1	10844625						
Layer: White Drywall			**ND**				
Layer: Off-White Skimcoat/Joint Compound		Chrysotile	**2 %**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (Trace)**					
Cellulose (20 %) Fibrous Glass (10 %)							
HMS-M09-024-2	10844626						
Layer: White Drywall			**ND**				
Layer: Off-White Skimcoat/Joint Compound		Chrysotile	**2 %**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (Trace)**					
Cellulose (20 %) Fibrous Glass (10 %)							
HMS-M09-024-3	10844627						
Layer: White Drywall			**ND**				
Layer: Off-White Skimcoat/Joint Compound		Chrysotile	**2 %**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (Trace)**					
Cellulose (20 %) Fibrous Glass (10 %)							
HMS-M09-024-4	10844628						
Layer: White Tape			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (90 %)							
HMS-M09-024-5	10844629						
Layer: White Tape			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (90 %)							
HMS-M09-024-6	10844630						
Layer: White Plaster			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							

Client Name: Hazard Mgmt Services - Modesto

Report Number: B121897
Date Printed: 03/02/09

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HMS-M09-024-7	10844631						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (35 %) Fibrous Glass (45 %)							
HMS-M09-024-8	10844632						
Layer: Beige Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		**Asbestos (2%)**					
Cellulose (Trace)							
HMS-M09-024-9	10844633						
Layer: Beige Tile		Chrysotile	2 %				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		**Asbestos (2%)**					
Cellulose (Trace)							
HMS-M09-024-10	10844634						
Layer: Brown Non-Fibrous Material			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
HMS-M09-024-11	10844635						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Fibrous Glass (45 %)							
HMS-M09-024-12	10844636						
Layer: Black Semi-Fibrous Tar			ND				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (20 %) Synthetic (10 %)							
HMS-M09-024-13	10844637						
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							

James Flores, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

HAZARD MANAGEMENT SERVICES, INC.

BULK Material Analysis Request Form

P.O. BOX 576848
MODESTO, CA 95357-6848
(209) 551-2000
FAX (209) 575-5657

Date: 2-26-09

HMS Contact: JIM SHARP

Special Instructions: Please fax results to 209-575-5657

Analysis Requested:

☒ PLM with Dispersion Staining

___2 Hr; ___24 Hr; X 48 Hr; ___Extended

☐ TEM Water (5 Day)

☐ TEM Bulk (5 Day)

Laboratory: Forensic

Collected by: JIM SHARP

Date collected: 2-25-09

Client: Solano County Comm. College

Job Site/Project: BLDG. 1200

Job No.: M09-024

Sample #	Results %	Material Description/ Location
HMS-M09-024-01		DW - FIELD
02		PERIMETER WALL - GREEN AM - BLDG 1200
03		DW & JOINT COMPOUND
04		THEATER - BLDG 1200
05		DW FIELD
06		CONTROL AM - BLDG 1200
07		DUCT TAPE & SEALANT
08		STAGE CATWALK [redacted] BLDG 1200
09		DUCT TAPE WITH SEALANT
10		CONTROL AM VENT DUCTS - BLDG 1200
11		CEILING PLASTER
12		MAIN AUDITORIUM - BLDG 1200
13		2x4 FLP
		GREEN AM CEILING - WET AREA
		VFT + MASTIC
		CONTROL AM STORAGE
		VFT + MASTIC
		STAGE AREA - BLDG 1200
		BROWN BASEBOARD + MASTIC
		CONTROL AM STORAGE
		LAP FOR ROOFING
		BLDG 1200
		PENETRATION MASTIC
		ROOF - BLDG 1200
		ROOF MASTIC
		BLDG 1200

C:\forms\asom\bulkmat.pol 12-28

2/27/09 ETC 1020am THANKS - JSharp

Hazard Management Services, Inc.

This is to confirm that

James E Sharp

has attended the eight-hour

AHERA Refresher Course for Asbestos Contractors and Supervisors

and has completed the requisite training for asbestos accreditation under TSCA Title II

May 13, 2008

Certificate number: HMSCSR07
Valid until: May 13, 2009
Cal/OSHA approval number: CA-025-04

Michael C Sharp
CAC, DHS, I/S/M, MCSE NT 4.0+I
AHERA Training Director
Hazard Management Services, Inc.

Hazard Management Services, Inc.

This is to confirm that

James E Sharp

has attended the four-hour

AHERA Refresher Course for Asbestos Inspectors

and has completed the requisite training for asbestos accreditation under TSCA Title II

January 28, 2008

Certificate number: 58

Valid until: January 28, 2009

Cal/OSHA approval number: CA-025-06

Michael C. Sharp
CAC, DHS I/S/M, MCSE NT 4.0+I
AHERA Training Director
Hazard Management Services, Inc.

STATE OF CALIFORNIA Arnold Schwarzenegger, *Governor*

DEPARTMENT OF INDUSTRIAL RELATIONS
DIVISION OF OCCUPATIONAL SAFETY AND HEALTH
ASBESTOS CONSULTANT and TRAINER APPROVAL UNIT
2211 Park Towne Circle, Suite 1
Sacramento, CA 95825
Tel: (916) 574-2993 Fax: (916) 483-0572

506013819T 279

May 28, 2008

Hazard Management Services
James E Sharp
P. O. Box 576848
Modesto CA 95357-6848

Dear Certified Asbestos Consultant or Technician:

Enclosed is your certification card. **To maintain your certification, please abide by the rules printed on the back of the certification card.**

Your certification is valid for a period of one year. If you wish to renew your certification, you must apply for renewal at least 60 days before the expiration date shown on your card. [8 CCR 341.15(h)(1)].

Please hold and do not send copies of your required AHERA refresher renewal certificates to our office until you apply for renewal of your certification. Certificates must be kept current if you are actively working as a CAC or CSST. The grace period is only for those who are not actively working as a CAC or CSST.

Please inform our office at the above address, fax number or actu@dir.ca.gov of any changes in your contact/mailing information within 15 days of the change.

Sincerely,

Jeff Ferrell
Senior Industrial Hygienist

JF/ms

Attachment: Certification Card
cc: File

(Renewal – Card Attached Revised 8/29/06)

State of California
Division of Occupational Safety and Health
Certified Site Surveillance Technician

James E Sharp
Name

Certification No. 05-3819

Expires on 06/16/09

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.

NVLAP® National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Forensic Analytical Laboratories, Inc.
3777 Depot Road, Suite 409
Hayward, CA 94545-2761
Mr. David Sandusky
Phone: 510-887-8828 Fax: 510-887-4218
E-Mail: Daves@forensica.com
URL: http://www.forensica.com

BULK ASBESTOS FIBER ANALYSIS (PLM) **NVLAP LAB CODE 101459-0**

NVLAP Code	*Designation / Description*
18/A01	EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples

2008-07-01 through 2009-06-30
Effective dates

Sally S. Bruce
For the National Institute of Standards and Technology