ATTACHMENT D

HMS, Inc.
HAZARD MANAGEMENT SERVICES, INC.
207 McHenry Avenue
Modesto, CA 95354
(209) 551-2000 • (209) 575-5657 Fax

April 14, 2014

Deserie Schaffer
City of Stockton, O&M/Projects
1465 S. Lincoln Street
Stockton, CA 95206

Dear Ms. Schaffer:

This letter contains the results of a limited asbestos inspection performed by Hazard Management Services, Inc. (HMS, Inc.) of the Billiard Room at Oak Park Senior Center for the City of Stockton. This inspection was requested in preparation for future floor renovation at the site. The inspection was performed on April 7, 2014 by Gordon Ridley. Mr. Ridley is a Cal/OSHA Certified Site Surveillance Technician and EPA-accredited Building Inspector. The methods used were reviewed and this report compiled by Chris Chipponeri. Mr. Chipponeri is a Cal/OSHA Certified Asbestos Consultant and EPA-accredited Building Inspector. See attached HMS, Inc. personnel certifications.

A walkthrough of the area to be renovated was performed and samples were collected from suspect materials that would be impacted by renovation activities. A total of five samples was collected from the 9" vinyl floor and associated mastic in the space. These samples were each given a unique number, identified on a chain of custody, packaged, and sent via FedEx to Forensic Analytical Laboratories, Inc. (FALI) in Hayward, California. FALI is accredited by the National Institute of Standards and Technology's National Voluntary Laboratory Accreditation Program for the analysis of bulk asbestos fibers by polarized light microscopy. See attached FALI laboratory accreditations.

The 9" off-white with streaks vinyl floor tile and associated black mastic in the space was found to contain asbestos in both layers.

Since more than 100 square feet of material may be impacted by the upcoming renovation, the floor will need to be abated by a contractor registered with Cal/OSHA as an asbestos abatement contractor. This work would be a Class II OSHA Activity and would require workers to have AHERA-Worker level training with one worker trained to the AHERA-Contractor/Supervisor level. The contractor will need to file a notification with the local Cal/OSHA office at least 24 hours prior to abatement beginning.

If either the vinyl floor tiles or black mastic below the tiles is removed using mechanical means, a notification to the San Joaquin Valley Air Pollution Control District at least 10 working days prior to abatement would need to be filed. The waste generated with mechanical removal of materials would need to be disposed of as a hazardous asbestos-containing material. If removed using non-mechanical means, the waste may be disposed of as a non-hazardous asbestos-containing material.

To comply with current Contractor State License Board requirements, the contractor will need to hold the C-class specialty license for flooring with an asbestos certification.

Thank you for the opportunity to perform this inspection. If you have any questions please feel free to contact me at (209) 551-2000 or by e-mail at cchipponeri@hazmanage.com.

Sincerely,

Chris Chipponeri
Branch Manager
Cal/OSHA CAC 10-4633
CDPH Lead I/RA 20476

Enclosures:
HMS, Inc. Personnel Certifications (4 pages)
FALI Laboratory Accreditations (2 pages)
Chain of Custody and Result Report (3 pages)
Sample Map (1 page)

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

Gordon T Ridley
Name

Certification No. 13-5039

Expires on 06/12/14

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.

Hazard Management Services, Inc.

This is to confirm that

Gordon Ridley

has attended the twenty-four hour

AHERA Course for Asbestos Inspectors

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

May 6-8, 2013

Certificate number: HMSBII27

Valid until: May 8, 2014

Cal/OSHA approval number: CA-025-05

Michael C. Sharp
AHERA Training Director
Hazard Management Services, Inc.
207 McHenry Ave
Modesto, CA 95354
(209) 551-2000

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STATE OF CALIFORNIA
Edmund G. Brown, Jr. *Governor*

DEPARTMENT OF INDUSTRIAL RELATIONS
Division of Occupational Safety and Health
Asbestos Unit
2424 Arden Way, Suite ~~485~~ 495
Sacramento, CA 95825-2417
(916) 574-2993 Office (916) 483-0572 Fax
http://www.dir.ca.gov/dirdatabases.html actu@dir.ca.gov

005174633C 339

Hazard Management Services, Inc.
Christopher J Chipponeri
207 McHenry Ave.
Modesto , CA 95354

May 22, 2013

Dear Certified Asbestos Consultant or Technician:

Enclosed is your certification card. **To maintain your certification, you must 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 an asbestos consultant or site surveillance technician.

Please contact our office at the above address, fax number or email; of any changes in your contact/mailing information within 15 days of the change.

Sincerely,

Jeff Ferrell
Senior Safety Engineer

Attachment: Certification Card

cc: File

Renewal – Card Attached (Revised 01/03/2012)

Wangerin Environmental

This is to confirm that

Chris Chipponeri

has attended the four-hour

AHERA Refresher Course for Asbestos Inspectors

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

October 1, 2013

Certificate number: BI-R-164-13

Valid until: October 1, 2014

Cal/OSHA approval number: CA-098-06

Tom Wangerin, MS, CAC
AHERA Training Director
Wangerin Environmental
1936 Helen Road
Pleasant Hill, CA 94523
Phone: 925-825-1066

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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@falaboratories.com
URL: http://www.falaboratories.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
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

2013-07-01 through 2014-06-30
Effective dates

For the National Institute of Standards and Technology

NVLAP-01S (REV. 2005-05-19)

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 101459-0

Forensic Analytical Laboratories, Inc.

Hayward, CA

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

BULK ASBESTOS FIBER ANALYSIS

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2013-07-01 through 2014-06-30

Effective dates

DEPARTMENT OF COMMERCE * UNITED STATES OF AMERICA *

For the National Institute of Standards and Technology

NVLAP-01C (REV. 2009-01-28)

ATTACHMENT D

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BULK MATERIAL Analysis Request Form for Hazard Management Services, Inc.

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

371 E. BULLARD, #109
FRESNO, CA 93710
(559) 436-0277
FAX (559) 436-0279

2124 F Street, #C
BAKERSFIELD, CA 93301
(661) 833-0351
(661) 833-0361

Date 4-7-2014 Monday

Contact: _____

Email Results to: cchipponeri@hazmanage.com

Analysis Requested

_____

_X_ PLM with Dispersion Staining

Collected by: G. Ridley

___ 2 hr. _X_ 24 hr. ____ 48 hr. ____ Extended

Date Collected: 4-7-2014

__ AA Flame (48 hr. STD)

Job I.D.: M14073

___ TEM Bulk (5 Day)

Job Site: Stockton, City of; Oak Park Senior Center

Laboratory: **FALI**

SAMPLE #	RESULTS	MATERIAL DESCRIPTION/LOCATION
HMS-M14073-01A		9" VFT - off-white w/streaks
		60'x30' room; east side, center
HMS-M14073-02A		9" VFT - off-white w/streaks
		60'x30' room; east side, center
HMS-M14073-03A		9" VFT - off-white w/streaks
		60'x30' room; center
HMS-M14073-04A		9" VFT - off-white w/streaks
		60'x30' room; east wall, center
HMS-M14073-05A		9" VFT - off-white w/streaks
		60'x30' room; east wall, center

Submitted by: G.Ridley Date: 4-7-2014

Received by: Date: 04-09-14A10:43 RCVD

Forensic Analytical Laboratories

Bulk Asbestos Analysis

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

Hazard Mgmt Svcs-Modesto/Plst Hill
G. Ridley
PO Box 576848

Modesto, CA 95357-6848

Client ID: 1146
Report Number: B189694
Date Received: 04/09/14
Date Analyzed: 04/10/14
Date Printed: 04/10/14
First Reported: 04/10/14

Job ID/Site: M14073 - Stockton, City of; Oak Park Senior Center

Date(s) Collected: 04/07/2014

FALI Job ID: 1146
Total Samples Submitted: 5
Total Samples Analyzed: 5

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HMS-M14073-01A	11501903						
Layer: Beige Tile		Chrysotile	**2 %**				
Layer: Black Mastic		Chrysotile	**3 %**				
Total Composite Values of Fibrous Components:		**Asbestos (2%)**					
Cellulose (Trace)							
HMS-M14073-02A	11501904						
Layer: Beige Tile		Chrysotile	**2 %**				
Layer: Black Mastic			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (2%)**					
Cellulose (Trace)							
HMS-M14073-03A	11501905						
Layer: Beige Tile		Chrysotile	**5 %**				
Layer: Black Mastic			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (5%)**					
Cellulose (Trace)							
HMS-M14073-04A	11501906						
Layer: Beige Tile		Chrysotile	**3 %**				
Layer: Black Mastic			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (3%)**					
Cellulose (Trace)							
HMS-M14073-05A	11501907						
Layer: Beige Tile		Chrysotile	**2 %**				
Layer: Black Mastic			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (2%)**					
Cellulose (Trace)							

Tad Thrower

Tad Thrower, Laboratory Supervisor, Hayward Laboratory

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

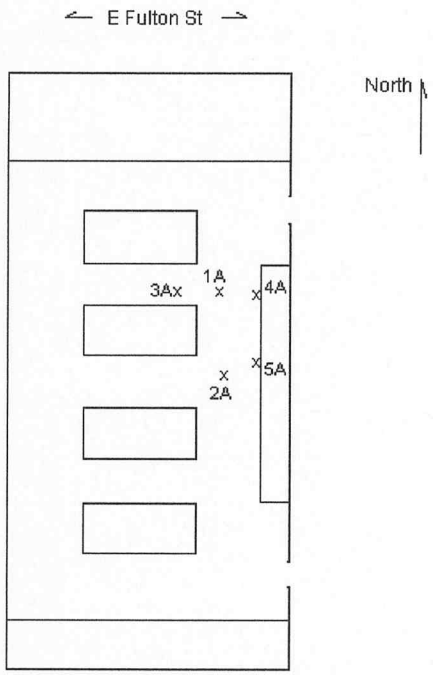
3777 Depot Road, Suite 409, Hayward, CA 94545 / Telephone: (510) 887-8828 (800) 827-FASI / Fax: (510) 887-4218

Report Number: B189694
Client Name: Hazard Mgmt Svcs-Modesto/Plst Hill **Date Printed:** 04/10/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer

3777 Depot Road, Suite 409, Hayward, CA 94545 / Telephone: (510) 887-8828 (800) 827-FASI / Fax: (510) 887-4218

ATTACHMENT D



Oak Park Senior Center
Billiards Room
City of Stockton

60'x30' Room
9" VFT & Mastic

Samples taken from
damaged flooring tiles

ATTACHMENT D

HMS, Inc.
HAZARD MANAGEMENT SERVICES, INC.

December 12, 2002

Mr. Ben Nozuka
Administrative Services-CMB
City of Stockton
1465 S. Lincoln Street
Stockton, CA 95206

Dear Mr. Nozuka:

This letter contains the results of Hazard Management Services, Inc.'s (HMS, Inc.'s) roof surveys for the City of Stockton's Senior Citizen Center and Fire Station Number Nine. These surveys were conducted on December 4, 2002 by myself, Michael C. Sharp. I am an EPA accredited Building Inspector, Cal/OSHA Certified Asbestos Consultant and DHS Certified Inspector/Risk Assessor for lead hazards, my certifications are attached to this report.

SENIOR CITIZEN CENTER

At this site, fourteen bulk samples were collected and analyzed for asbestos content. Of these samples only two contained asbestos. The asbestos containing materials were the filed core sample from Area D (walkway coverings of the northern building) and roof patching mastic from this same area.

Materials sampled for asbestos and found to be asbestos free include the roofing fields in areas A, B, C, E, F and G, the black flashing sealant in Area G, penetration mastics in all areas except Area D, paints found on the HVAC screen, fascia boards, and roof joists, and the exterior stucco and moisture barrier of the southern building.

An X-Ray Fluorescence Spectrum Analyzer (XRF) was used to test painted surfaces at this site for lead content. The table below contains the results of this testing:

Reading Number	Building	Color	Component	Substrate	Condition	Result mg/cm^2
153-156			Calibration Tests			Within Range
157	E/F/G	Brown	HVAC Screen Panel	Metal	Peeling	0.03
158	E/F/G	Beige	HVAC Screen Panel Support	Metal	Good	0.01
159	E	Beige	Wall	Concrete Block	Good	0.2
160	E	Beige	Flashing	Metal	Good	0.27
161	F	Brown	Fascia	Metal	Good	0.02
162	**F**	**Brown**	**Fascia**	**Wood**	**Peeling**	**3.0**

4200 Rocklin Rd., Ste. 11A
Rocklin, CA 95677
(916) 632-6800
(916) 632-6841 Fax

367 Civic Drive, Ste. 7
Pleasant Hill, CA 94523-5501
(925) 363-3442
(925) 363-7897 Fax

P.O. Box 576848
Modesto, CA 95357-6848
(209) 551-2000
(209) 575-5657 Fax

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

P.O. Box 21471
Bakersfield, CA 93390
(661) 588-5551
(661) 588-3827 Fax

Reading Number	Building	Color	Component	Substrate	Condition	Result mg/cm^2
163	F	Beige	Wall	Concrete Block	Good	0.00
164	E	Brown	Fascia	Metal	Good	0.00
165	E	Brown	Fascia	Wood	Good	0.7
166	F	Beige	Wall	Stucco	Good	0.0
167	**Beige**	**Beige**	**Roof Joist**	**Wood**	**Cracking**	**1.5**
168	A-D	Brown	Flashing on Fascia	Metal	Good	0.1
169	**A-D**	**Brown**	**Fascia**	**Wood**	**Good**	**1.0**
170	A-D	Beige	Parapet Wall	Concrete Block	Good	0.01
171	A-D	Beige	Parapet Flashing	Metal	Good	0.5
172-176			Calibration Tests			Within Range

While only three paints on these buildings were found to be lead-based paints, nearly all paints contained at least some lead. Cal/OSHA regulations apply to paint with "any detectable amount" of lead. Work disturbing these paints should be conducted by lead trained workers, following lead safe work practices. Disturbance of 100 linear or square feet, or more, of the fascias and roof joist components will require notification to Cal/OSHA at least 24 hours prior to the start of the project.

FIRE STATION NUMBER 9

At this site, seven bulk samples were collected and analyzed for asbestos content. Of these seven samples, only two contained asbestos. The asbestos containing materials on this roof were the roof mastic and the pitch pots at the bottom of the HVAC Screen support posts.

The five materials sampled that did not contain asbestos included the upper and lower roof fields, the paint on the wall, the stucco wall and the HVAC duct tape.

An XRF was used to test painted surfaces at this site for lead content. The table below contains the results of this testing:

Reading Number	Building	Color	Component	Substrate	Condition	Result mg/cm^2
248-250			Calibration Tests			Within Range
251	Fire Station 9 Roof	Brown	HVAC Duct	Metal	Good	0.03
252	**Fire Station 9 Roof**	**Brown**	**Flashing**	**Metal**	**Fair**	**2.1**

Reading Number	Building	Color	Component	Substrate	Condition	Result mg/cm^2
253	Fire Station 9 Roof	Yellow	Wall	Stucco	Good	0.6
254	Fire Station 9 Roof	Red	Tower Shingles	Wood	Good	0.01
255	**Fire Station 9 Roof**	**Brown**	**HVAC Screen**	**Metal**	**Peeling**	**2.5**
256	**Fire Station 9 Roof**	**Brown**	**Wall**	**Metal**	**Peeling**	**2.1**
257	Fire Station 9 Roof	Brown	Decorative Siding	Wood	Good	0.02
258-264			Calibration Tests			Within Range

While, again, only three paints on this building were found to be lead-based paints, nearly all paints contained at least some lead. Cal/OSHA regulations apply to paint with "any detectable amount" of lead. Work disturbing these paints should be conducted by lead trained workers, following lead safe work practices.

I do not believe any work can take place on this roof without disturbance of the painted metal wall and HVAC screen. This project will require notification to Cal/OSHA for the disturbance of lead-based paint at least 24 hours prior to the start of the project.

Laboratory analysis reports from Forensic Analytical Specialties, Inc. for bulk asbestos samples have been attached to this report.

Lead readings were collected using an XRF, a direct reading instrument. NO laboratory samples were generated for this inspection.

If you have any questions please do not hesitate to call me at (209) 551-2000.

Sincerely,

Michael C. Sharp
President
Cal/OSHA CAC 94-1564
DHS I/S/M 3763
MCSE NT 4.0 + I

cc: Dean Larsen, Roof Systems Engineering