

HMS, Inc.
HAZARD MANAGEMENT SERVICES, INC.

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

June 23, 2006

Mr. Mike Hamlin
Assistant Director of Maintenance
Bakersfield City School District
1300 Baker Street
Bakersfield, CA 93305

Subject: Munsey Elementary School - Kitchen, Teachers Lounge, West stage landing and East stage landing.
Completion of Asbestos Abatement

Dear Mr. Hamlin:

This letter reports the completion of the project documentation which was compiled during the asbestos abatement project at Munsey Elementary. The abatement was performed by PDGI/Envirotech, a licenced asbestos abatement contractor from Los Angeles, California. The project began on June 5, 2006 and was completed on June 7, 2006. Abatement consisted of vinyl floor tile, mastic and baseboard removal in the above mentioned areas. All work was performed in accordance with federal, state and local codes and standards and in accordance with the written project scope of work.

The project was by Hazard Management Services, Inc. (HMS, Inc.). Upon completion of the abatement, and after successful visual inspections were performed, three sets of clearance air samples were collected in accordance with AHERA. The samples were sent via Federal Express to Forensic Analytical, a NVLAP accredited laboratory in Hayward, California. Analysis consisted of transmission electron microscopy (TEM).

<u>LOCATION</u>	<u>SAMPLE IDENTIFICATION</u>
Kitchen/Teachers Lounge	HMS BCSD MES F06030 501CA-505CA*
East Stage Landing	HMS BCSD MES F06030 101CA-105CA*
West Stage Landing	HMS BCSD MES F06030 106CA-110CA*

*clearance samples met the EPA's requirements for reoccupancy.

In order to meet AHERA requirements, the enclosed documentation must be kept on file as part of your EPA AHERA Management Plan. A copy of this report must be retained in the District Office and the appropriate school office. Be sure to update your list of asbestos-containing building materials in your management plan. Indicate on your "Homogeneous Materials Record" the abatement action taken.

If you have any questions or need further clarification, please contact our Bakersfield office at (661) 833-0351.

Sincerely,



Kristy Yowell CSST 05-3881
Project Manager

BAKERSFIELD CITY SCHOOL DISTRICT EXCLUSION OF ASBESTOS PRODUCTS

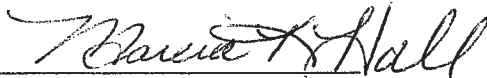
PROJECT TITLE: Millie Munsey Elementary School Kitchen and Teachers Lounge

The Contractor agrees that asbestos containing products or materials will not be used in performing work under the Agreement.

At completion of work under the Agreement, the CONTRACTOR will warrant and represent to the OWNER the following:

1. That no asbestos containing products were used in performing work under the Agreement.
2. That should any asbestos containing products be found on the project, the Contractor will replace them, together with all related materials, at no cost to the OWNER.
3. That should the replacement require any interruption in the normal operation of the school, the Contractor will pay all costs necessarily incurred to keep the school functioning with the least possible disruption to its day to day operations.

Executed at Bakersfield, California on September 21, 2006

By: 
Marcia K. Hall

Bakersfield Floor Covering, Inc.

Longfellow School

- Building 001 – Library / Rooms 3
 - The 12"x 12" vinyl floor tile and mastic were abated.
- Building 001 – Library "A"
 - The fine-textured wall plaster tested negative for asbestos.
 - The medium-textured wall plaster tested negative for asbestos.
 - The coarse-textured wall/ceiling plaster tested positive for asbestos.
- Building 008 – Multipurpose
 - The 9"x 9" vinyl floor tile and mastic were abated.
 - The 12"x 12" vinyl floor tile and mastic were abated.
 - The 2'x 2' acoustical ceiling tile and mastic tested negative for asbestos.
 - The 2'x 2' acoustical-ceiling tile and mastic were abated in the kitchen and the lounge.
 - The corrugated pipe covering in the kitchen attic is deteriorated and needs to be repaired or abated.

Maintenance, Operations and Transportation

No changes

McKinley Elementary School

- Building 011 - Rooms 24-29
 - The transite panel was abated.

Mount Vernon School

- Building 001 – Multipurpose
 - The mudded joints on pipe insulation in kitchen attic tested positive for asbestos.
- Building 014 - Classrooms 28-29
 - The transite pipe was abated.
- Building 018 - Performing Arts
 - The linoleum wall covering and mastic in the art room restrooms tested negative for asbestos.
 - The vinyl floor tile and mastic in the art room tested negative for asbestos.
- Building 019 - Restrooms (P.A.)
 - The linoleum flooring was abated.

Munsey (Millie Gardette) School

- Building 001 – Multipurpose
 - The 12"x 12" vinyl floor tile and mastic were abated in kitchen.
 - The linoleum and mastic were abated in teachers' dining room.
- Building 004 - Rooms 5-9
 - The transite pipe in the old boiler room was abated.

HMS, Inc.

HAZARD MANAGEMENT SERVICES, INC.

2124 F Street, Ste. C, Bakersfield, CA 93301 Phone (661) 636-0351 Fax: (661) 636-0361

September 18, 2012

Mr. Gary Long, Maintenance Supervisor
Bakersfield City School District
1300 Baker Street
Bakersfield, CA 93305

Munsey Elementary School - Administration Building
3801 Brave St., Bakersfield, CA
Asbestos Sampling Results

Dear Mr. Long:

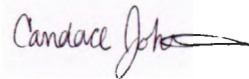
Pursuant to your request, limited sampling for asbestos-containing flooring was conducted on September 14, 2012, by Hazard Management Services, Inc. (HMS, Inc.) in Office 12 of the Administration Building at Munsey Elementary School. The sampling was performed by Kristy Yowell, certified by Cal/OSHA to provide asbestos inspection services. The sampling was limited to the locations and materials identified by you.

A sample of the 12" floor tile (white oatmeal)with glue was collected. The sample was shipped to Forensic Analytical in Hayward, CA, and analyzed using polarized light microscopy (PLM) with dispersion staining. **Laboratory analysis indicates that the sample of the floor tile with glue does not contain asbestos.** Attached please find a copy of the chain of custody, and laboratory results.

If any suspect materials other than those sampled are discovered or must be disturbed, it must be assumed that the materials are asbestos-containing, and the project should then be halted and reevaluated.

If you have any questions regarding this report, or if you would like any additional services, please contact our Bakersfield office at (661) 636-0351.

Sincerely,



Candace Johnson
Project Manager

Reviewed by: Donna G. Harris, CAC 07-4210
Vice President of Operations



Enc.

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, STE. C
 BAKERSFIELD, CA 93301
 (661) 836-0361
 FAX (661) 636-0361

Date: 9-14-12

Contact: Kristy Yowell

Special Instructions: _____

Bill: HMS

please email results to kyowell@hazmanage.com

Analysis Requested

PLM with Dispersion Staining
 2 hr. 24 hr. 48 hr. Extended

Collected by: K. Yowell

AA Flame

Date Collected: 9-14-12

TEM Bulk (5 Day)

Job I.D.: F12282 Bakersfield City SD

Laboratory: FALI

Job Site: Munsey ES - Admin Bldg

3801 Brave St., Bakersfield, CA

SAMPLE #	RESULTS	MATERIAL DESCRIPTION/LOCATION
HMS-F12282-01A		12" FLOOR TILE & GLUE - WHITE OATMEAL AT ENTRY - CLOSET IN OFFICE (SPACE 12 ON BLDG MAP) ADMIN BLDG

Submitted by: Kristy Yowell

Date: September 14, 2012

Received by: [Signature]

Date: 9-17-12 [Signature]



Bulk Asbestos Analysis

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

Hazard Mgmt Svcs-Fresno/Bakersfield
Kristy Yowell
Fresno Location
371 E. Bullard Ave., Ste. 109
Fresno, CA 93710

Client ID: 1636
Report Number: B168265
Date Received: 09/17/12
Date Analyzed: 09/18/12
Date Printed: 09/18/12
First Reported: 09/18/12

Job ID/Site: F12282 - Bakersfield City SD, Munsey ES, Admin Bldg., 3801 Brave Street,
Bakersfield, CA
Date(s) Collected: 09/14/2012

FALI Job ID: 1636
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HMS-F12282-01A	11298109						
Layer: White Tile			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Tad Thrower, Laboratory Supervisor, Hayward Laboratory

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

tical results and reports are generated by Forensic Analytical Laboratories Inc. (FALI) at the request of and for the exclusive use of the person or entity (client) named on such . Results, reports or copies of same will not be released by FALI to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by FALI. The client is solely responsible for the use and interpretation of test results and reports requested from FALI. Forensic Analytical Laboratories Inc. is not able to assess the degree of hazard resulting from materials analyzed. FALI reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. All samples were received in acceptable condition unless otherwise noted.

BULK MATERIAL ANALYSIS REQUEST FORM

Hazard Management Services, Inc.

2124 F Street, Suite C, Bakersfield, CA 93301 * (661) 636-0351 * FAX (661) 636-0361

P. 1061

Today's Date	6/24/2016	Contact Name & Phone Number	Kristy Yowell (661) 477-3220
Special Instructions	Please e-mail results to: kyowell@hazmanage.com BILL TO 1636 ACCOUNT		TYPE OF ANALYSIS AND TURN AROUND TIME
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	6/24/2016	24 Hour	
Job # & Client	B16065 Bakersfield City SD	LAB	FORENSIC ANALYTICAL LABORATORIES
Job Site Name & Description	Munsey ES – MPR Building		
Submitted By	Kristy Yowell	Date	6/24/2016
Received By		Date	

Kristy Yowell

SAMPLE ID	RESULTS	MATERIAL DESCRIPTION AND LOCATION
HMS-B16065-01A		9" FLOOR TILE & MASTIC
		NW CORNER OF FLOOR – WOMEN'S RR
HMS-B16065-01B		9" FLOOR TILE & MASTIC
		CENTER OF FLOOR – WOMEN'S RR

RECEIVED
JUN 28 2016
[Signature]



Bulk Asbestos Analysis

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

Hazard Mgmt. Services
Kristy Yowell
Fresno Location
371 E. Bullard Ave., Ste. 109
Fresno, CA 93710

Client ID: 1636
Report Number: B223761
Date Received: 06/28/16
Date Analyzed: 06/29/16
Date Printed: 06/29/16
First Reported: 06/29/16

Job ID/Site: B16065 - Bakersfield City SD, Munsey ES-MPR Building

FALI Job ID: 1636
Total Samples Submitted: 2
Total Samples Analyzed: 2

Date(s) Collected: 06/24/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HMS-B16065-01A	11779504						
Layer: Brown Tile		Chrysotile	5 %				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							
HMS-B16065-01B	11779505						
Layer: Brown Tile		Chrysotile	5 %				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
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'.

Forensic Analytical results and reports are generated by Forensic Analytical Laboratories Inc. (FALI) at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by FALI to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by FALI. The client is solely responsible for the use and interpretation of test results and reports requested from FALI. Forensic Analytical Laboratories Inc. is not able to assess the degree of hazard resulting from materials analyzed. FALI reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. All samples were received in acceptable condition unless otherwise noted.

BULK MATERIAL ANALYSIS REQUEST FORM

Hazard Management Services, Inc.

2124 F Street, Suite C, Bakersfield, CA 93301 * (661) 636-0351 * FAX (661) 636-0361

Today's Date	5/2/2017	Contact Name & Phone Number	Kristy Yowell (661) 477-3220
Special Instructions	Please e-mail results to: cgonzalez@hazmanage.com kyowell@hazmanage.com BILL TO 1636 ACCOUNT		TYPE OF ANALYSIS AND TURN AROUND TIME
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	5/1/2017	2 Hour	
Job # & Client	B17061 Bakersfield City School District	LAB	FORENSIC ANALYTICAL LABORATORIES
Job Site Name & Description	Munsey ES Administration Building		
Submitted By	Kristy Yowell	Date	5/2/2017
Received By		Date	



SAMPLE ID	RESULTS	MATERIAL DESCRIPTION AND LOCATION
HMS-B17061-01A		SHEET FLOORING AND GLUE- LT BLUE/ BROWN FLOOR TILE AND MASTIC
		08-TOILET - EAST WALL BEHIND DOOR
HMS-B17061-02A		12" FLOOR TILE AND MASTIC- WHITE W/ BLUE STREAKS / BROWN FLOOR TILE AND MASTIC
		03- STORAGE - @ WEST ENTRANCE
HMS-B17061-02B		12" FLOOR TILE AND MASTIC- WHITE W/ BLUE STREAKS / BROWN FLOOR TILE AND MASTIC
		05- STORAGE - NE CORNER
HMS-B17061-02C		12" FLOOR TILE AND MASTIC- WHITE W/ BLUE STREAKS
		05- STORAGE - SOUTH SIDE CENTER
HMS-B17061-02D		12" FLOOR TILE AND MASTIC- WHITE W/ BLUE STREAKS
		03- STORAGE - NORTH WALL
HMS-B17061-02E		12" FLOOR TILE AND MASTIC- WHITE W/ BLUE STREAKS
		01- OFFICE - EAST END
HMS-B17061- 03A		CARPET AND GLUE- MULTI COLORED / BROWN FLOOR TILE AND MASTIC
		10- DEANS/NURSES OFFICE - CLOSET
HMS-B17061- 04A		CARPET AND GLUE- GREY MULTI
		01- OFFICE - SOUTH END
HMS-B17061-04B		CARPET AND GLUE- GREY MULTI
		01- OFFICE - NE CORNER
HMS-B17061-04C		CARPET AND GLUE- GREY MULTI
		07- WORKROOM - EAST WALL CENTER

BULK MATERIAL ANALYSIS REQUEST FORM

Hazard Management Services, Inc.

2124 F Street, Suite C, Bakersfield, CA 93301 * (661) 636-0351 * FAX (661) 636-0361

Today's Date	5/2/2017	Contact Name & Phone Number	Kristy Yowell (661) 477-3220
Special Instructions	Please e-mail results to: cgonzalez@hazmanage.com kyowell@hazmanage.com BILL TO 1636 ACCOUNT		TYPE OF ANALYSIS AND TURN AROUND TIME
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	5/1/2017	2 Hour	
Job # & Client	B17061 Bakersfield City School District	LAB	FORENSIC ANALYTICAL LABORATORIES
Job Site Name & Description	Munsey ES Administration Building		
Submitted By	Kristy Yowell	Date	5/2/2017
Received By		Date	

SAMPLE ID	RESULTS	MATERIAL DESCRIPTION AND LOCATION
HMS-B17061-04D		CARPET AND GLUE- GREY MULTI
		07- WORKROOM – SW CORNER
HMS-B17061-04E		CARPET AND GLUE- GREY MULTI / BROWN FLOOR TILE AND MASTIC
		10- DEANS/ NURSES OFFICE – EAST WALL UNDER DESK
HMS-B17061-05A		4" BASEBOARD AND GLUE- BLUE
		01- OFFICE – SOUTH WALL
HMS-B17061- 05B		4" BASEBOARD AND GLUE- BLUE
		07- WORKROOM – SOUTH WALL
HMS-B17061-05C		4" BASEBOARD AND GLUE- BLUE
		03- STORAGE – NORTH SIDE UNDER COUNTER
HMS-B17061-05D		4" BASEBOARD AND GLUE- BLUE
		02- WORKROOM – WEST WALL @ DOOR





Bulk Asbestos Analysis

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

Hazard Mgmt. Services
Kristy Yowell
Fresno Location
371 E. Bullard Ave., Ste. 109
Fresno, CA 93710

Client ID: 1636
Report Number: B238793
Date Received: 05/03/17
Date Analyzed: 05/03/17
Date Printed: 05/03/17
First Reported: 05/03/17

Job ID/Site: B17061 - Bakersfield City School District, Munsey ES Administration Building

FALI Job ID: 1636
Total Samples Submitted: 16
Total Samples Analyzed: 16

Date(s) Collected: 05/02/2017

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HMS-B17061-01A	11886208						
Layer: Yellow Sheet Flooring			ND				
Layer: Fibrous Backing			ND				
Layer: White Mastic			ND				
Layer: Brown Tile		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (20 %)	Fibrous Glass (5 %)	Synthetic (10 %)					
HMS-B17061-02A	11886209						
Layer: White Tile			ND				
Layer: Yellow Mastic			ND				
Layer: Brown Tile		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HMS-B17061-02B	11886210						
Layer: White Tile			ND				
Layer: Yellow Mastic			ND				
Layer: Brown Tile		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HMS-B17061-02C	11886211						
Layer: White Tile			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HMS-B17061-02D	11886212						
Layer: White Tile			ND				
Layer: Yellow Mastic			ND				
Layer: Brown Tile		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HMS-B17061-02E	11886213						
Layer: White Tile			ND				
Layer: Yellow/Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

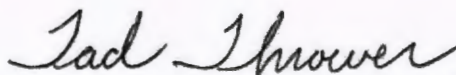
Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HMS-B17061-03A	11886214						
Layer: Multicolored Carpet			ND				
Layer: Yellow Mastic			ND				
Layer: Brown Tile		Chrysotile	5 %				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)	Synthetic (85 %)						
HMS-B17061-04A	11886215						
Layer: Grey Carpet			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)	Synthetic (85 %)						
HMS-B17061-04B	11886216						
Layer: Grey Carpet			ND				
Layer: Yellow Mastic			ND				
Layer: Brown Tile			ND				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)	Synthetic (85 %)						
HMS-B17061-04C	11886217						
Layer: Grey Carpet			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)	Synthetic (85 %)						
HMS-B17061-04D	11886218						
Layer: Grey Carpet			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)	Synthetic (85 %)						
HMS-B17061-04E	11886219						
Layer: Grey Carpet			ND				
Layer: Yellow Mastic			ND				
Layer: Brown Tile		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)	Synthetic (85 %)						
HMS-B17061-05A	11886220						
Layer: Blue Baseboard			ND				
Layer: White Mastic			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					

Client Name: Hazard Mgmt. Services

Report Number: B238793

Date Printed: 05/03/17

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HMS-B17061-05B	11886221						
Layer: Blue Baseboard			ND				
Layer: White Mastic			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HMS-B17061-05C	11886222						
Layer: Blue Baseboard			ND				
Layer: White Mastic			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HMS-B17061-05D	11886223						
Layer: Blue Baseboard			ND				
Layer: White Mastic			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

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

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Hazard Management Services, Inc.

2124 F Street, Suite C • Bakersfield, CA 93301
(661) 636-0351 • www.hazmanage.com

May 12, 2017

Mr. Gary Long
Bakersfield City School District
1300 Baker Street
Bakersfield, CA 93305

Munsey Elementary School - Administration Building Asbestos Flooring Inspection Results

Dear Mr. Long,

Pursuant to your request, sampling for asbestos-containing flooring materials was conducted on May 1, 2017, by Hazard Management Services, Inc. (HMS, Inc.) at Munsey Elementary School, located at 3801 Brave Ave., Bakersfield, CA. The sampling was performed by Christian Gonzalez who is an accredited Building Inspector by the EPA under the direct supervision of Kristy Yowell, who is a Cal/OSHA Certified Asbestos Consultant. The sampling was limited to the materials that will be disturbed during the flooring replacement project.

Sixteen samples of suspect materials were collected from throughout the Administration Building. The samples were shipped to Forensic Analytical Laboratory in Hayward, CA, and analyzed using polarized light microscopy (PLM) with dispersion staining. Attached please find a copy of the chain of custody, laboratory results and building map.

RESULTS

SAMPLE No.	LOCATIONS	MATERIAL	RESULT
HMS-F12282-01A	Admin. Building 12- Office	12" Floor tiles & glue – white oatmeal	No asbestos detected
HMS-B17061-01A	Admin. Building 08- Toilet	Sheet flooring & glue - light blue over floor tile & mastic - brown	Sheet flooring & glue - ND Concealed floor tile- 5%, CH Tile mastic=ND
HMS-B17061-02A-02E	Admin. Building 01- Office, 02- Workroom, 03- Storage, 05- Storage	12" Floor tile & mastic- white w/ blue streaks over floor tile & mastic - brown	12" Floor tile & mastic - ND Concealed floor tile - 5%, CH Tile mastic=ND
HMS-B17061-03A	Admin. Building 10- Deans/ Nurses Office closet	Carpet & glue- multi colored over floor tile & mastic - brown	Carpet & glue - ND Concealed floor tile - 5%, CH Tile mastic=ND
HMS-B17061-04A-04E	Admin. Building 01- Office, 07- Workroom, 10- Deans/ Nurses Office	Carpet & glue- grey multi colored over floor tile & mastic - brown	Carpet & glue - ND Concealed floor tile- 5%, CH
HMS-B17061-05A-05D	Admin. Building Throughout	4" Baseboard & glue – blue	No asbestos detected

ND=no asbestos detected

CH=chrysotile (type of asbestos)



In September of 2012 HMS conducted a flooring inspection in room 12- Office within the Administration Building. A sample of 12" floor tile (white oatmeal) with glue was collected and analyzed. The results indicate that the sample of the floor tile with glue does not contain asbestos. These results have been included in the results table above.

If any suspect materials other than those sampled and included in this report are discovered or must be disturbed, it must be assumed that the materials are asbestos-containing, and the project should then be halted and reevaluated. If you have any questions regarding this report, please contact our Bakersfield office at (661) 636-0351.

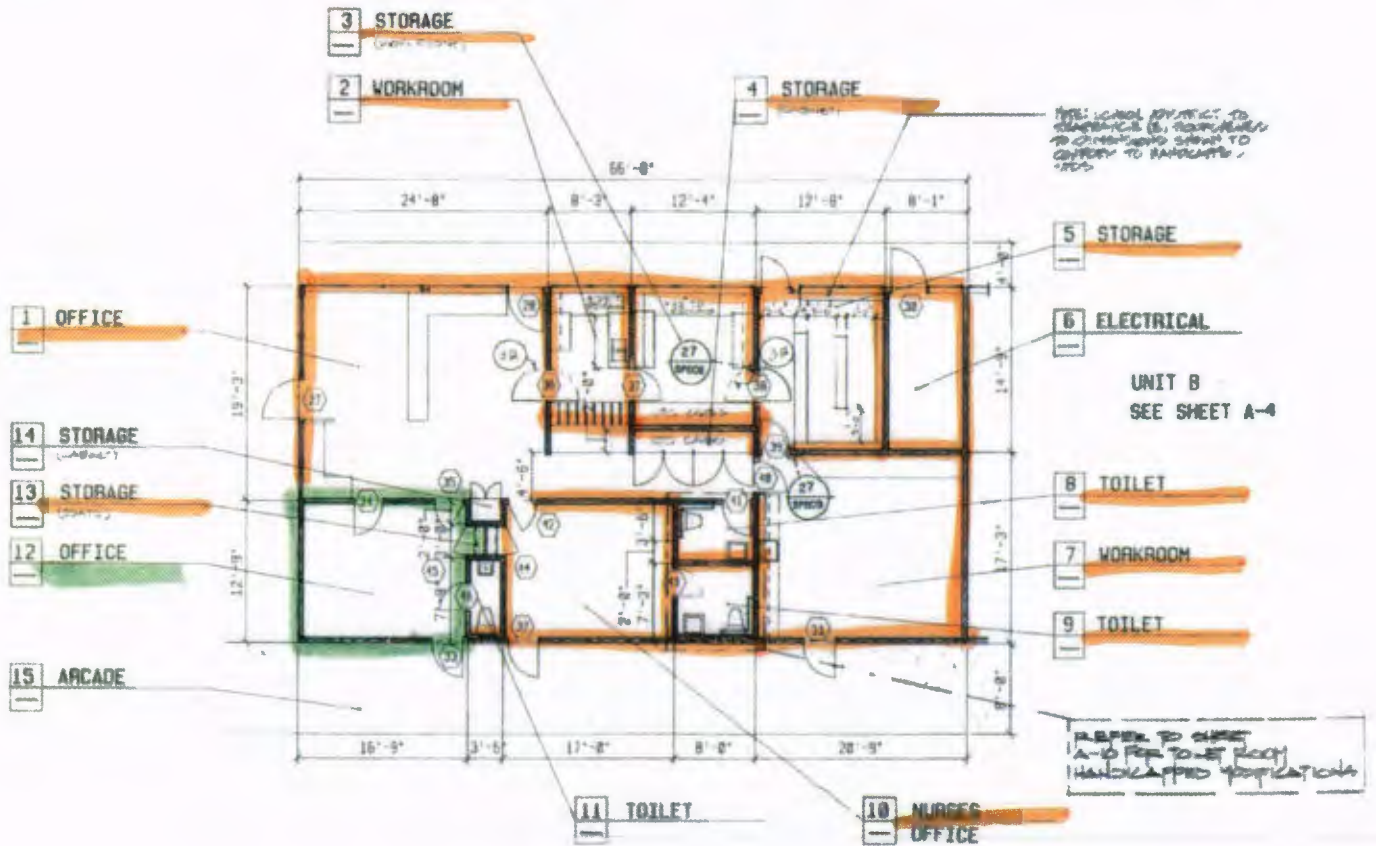
Sincerely,

A handwritten signature in cursive script that reads 'Kristy Yowell'.

Kristy Yowell, CAC No. 09-4500
Branch Manager

Administration Building- Map

MUNSEY



north

FLOOR PLAN - UNIT B1

(NEW)
NOTE

1/8" = 1'-0"



BAKERSFIELD CITY SCHOOL DISTRICT

MUNSEY ELEMENTARY SCHOOL

ADMINISTRATION BUILDING

ASBESTOS FLOORING ABATEMENT SCOPE OF WORK

Contact: Gary Long (BCSD) or Kristy Yowell (HMS, Inc.)
Phone: (661) 631-5885 (661) 636-0351

HMS Project No. B17061

SITE IDENTIFICATION

Munsey Elementary School
3801 Brave Ave.
Bakersfield, CA 93309

BACKGROUND

In order for the District to replace the flooring in the Administration Building, the existing asbestos-containing flooring materials must be abated. In addition, non-asbestos containing materials will also be required to be removed as part of this project. Listed below are locations and asbestos-content of materials to be removed. The abatement contractor is responsible for their own measurements for bidding, notifications, or any other purpose.

Administration Building

<u>Material</u>	<u>Location*</u>	<u>Asbestos Content</u>
12" Floor tiles & glue – white oatmeal	12- Office	No asbestos detected
Sheet flooring & glue - light blue over floor tile & mastic - brown	08- Toilet	Sheet flooring& glue - ND Concealed floor tile- 5%, CH Tile mastic=ND
12" Floor tile & mastic- white w/ blue streaks over floor tile & mastic - brown	01- Office, 02- Workroom, 03- Storage, 05- Storage	12" Floor tile & mastic - ND Concealed floor tile - 5%, CH Tile mastic=ND
Carpet & glue- multi colored over floor tile & mastic - brown	10- Deans/ Nurses Office closet	Carpet & glue - ND Concealed floor tile - 5%, CH Tile mastic=ND
Carpet & glue- grey multi colored over floor tile & mastic - brown	01- Office, 07- Workroom, 10- Deans/ Nurses Office	Carpet & glue - ND Concealed floor tile- 5%, CH Tile mastic=ND
4" Baseboard & glue – blue	Throughout	No asbestos detected

**Refer to attached building map for room locations.*

SUBSTRATES

Floor Concrete
Baseboards Plaster/Drywall

NOTIFICATIONS

The abatement contractor shall be responsible for the submission of the asbestos notification, and payment of any necessary fees, to San Joaquin Valley Air Pollution Control District and Cal/OSHA as triggered by asbestos removal.



Hazard Management Services
SINCE 1984

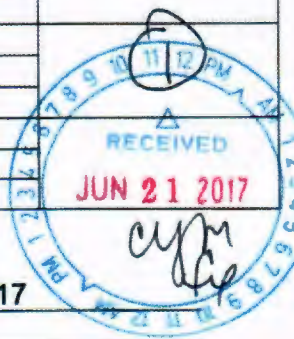
Airborne Sample Analysis Request Form

Date: June 20, 2017
 Collected by: Donna Harris
 Date Collected: June 20, 2017
 Laboratory: Forensic Analytical

Contact Name: Kristy Yowell
 Bill: HMS, Inc.
 Type of Analysis: TEM AHERA
 Turn Around Time: 24 hr.

Job ID: B17061 Bakersfield City School District
 Job Site: Munsey Elementary School – Administration
 Special Instructions: _____
 Send Results: kyowell@hazmanage.com

Sample ID	Sample Location & Activity	Rotometer & Pump ID	Time		Flow Rate (L/min)		Total Volume (L)
			On:	Off:	On:	Off:	
HMS-B17061-501CA	Administration southeast room, clearance air sample	BH-3	On:	08:38	On:	9.2	1600.8
			Off:	11:32	Off:	9.2	
			Total:	174	Avg:	9.2	
HMS-B17061-502CA	Administration hallway, east end, clearance air sample	BH-3	On:	08:38	On:	9.9	1722.6
			Off:	11:32	Off:	9.9	
			Total:	174	Avg:	9.9	
HMS-B17061-502CA	Administration, south side center room, clearance air sample	BH-3	On:	08:38	On:	9.9	1722.6
			Off:	11:32	Off:	9.9	
			Total:	174	Avg:	9.9	
HMS-B17061-502CA	Administration, southwest room, clearance air sample	BH-3	On:	08:38	On:	9.9	1722.6
			Off:	11:32	Off:	9.9	
			Total:	174	Avg:	9.9	
HMS-B17061-502CA	Administration northwest room, clearance air sample	BH-3	On:	08:38	On:	9.9	1722.6
			Off:	11:32	Off:	9.9	
			Total:	174	Avg:	9.9	
			On:		On:		
			Off:		Off:		
			Total:		Avg:		
			On:		On:		
			Off:		Off:		
			Total:		Avg:		
			On:		On:		
			Off:		Off:		
			Total:		Avg:		
			On:		On:		
			Off:		Off:		
			Total:		Avg:		



Submitted By: [Signature]
 Received By: _____

Date: 6/20/2017
 Date: _____

ANALYTICAL REPORT
Transmission Electron Microscopy
AHERA Airborne Asbestos Analysis Summary

Method: 40 CFR Part 763

Hazard Mgmt. Services
 Donna Harris
 Fresno Location 371 E. Bullard Ave., Ste. 109
 Fresno, CA 93710

Client Number: 1636
 Report Number: T028854
 Date Received: 6/21/17
 Date Reported: 6/21/17
 Analyst(s): MAB

Job ID/PO: B17061

Site: Bakersfield City SD, Munsey ES, Admin

Sample Number	Lab Number	Date Collected	Air Volume, liters	Analytical Sensitivity, s/cc	Asbestos Concentration,		Asbestos type(s)* detected
					s/cc	s/mm2	
HMS-B17061-501CA	20116170	6/20/17	1600.8	0.0046	<0.0046	<19.2	ND
HMS-B17061-502CA	20116171	6/20/17	1722.6	0.0043	<0.0043	<19.2	ND
HMS-B17061-503CA	20116172	6/20/17	1722.6	0.0043	<0.0043	<19.2	ND
HMS-B17061-504CA	20116173	6/20/17	1722.6	0.0043	<0.0043	<19.2	ND
HMS-B17061-505CA	20116174	6/20/17	1722.6	0.0043	<0.0043	<19.2	ND



Mark Floyd, Analytical Microscopy Supervisor

* Asbestos types: CH=chrysotile; AM=amosite; CR=crocidolite; TR=tremolite; AC=actinolite; AN=anthophyllite; ND=none detected; NA=Not Analyzed

Analytical results and reports are generated by Forensic Analytical at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by Forensic Analytical to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full with approval from Forensic Analytical. The client is solely responsible for the use and interpretation of test results and reports requested from Forensic Analytical. This report must not be used by the client to claim product endorsement by NVLAP or any U.S. government agency. Forensic Analytical is unable to assess the degree of hazard resulting from materials analyzed. Forensic Analytical reserves the right to dispose of all samples after a period of 30 days, according to all state and federal guidelines, unless otherwise specified.



Yowell Environmental Services, Inc.

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Inspection Protocol

The lower wall paneling and tackboard on the alcoves inside the Main Dining room of the MPR Building were inspected and suspect materials were categorized into homogenous areas and sampled accordingly. Samples were collected by misting the material being sampled with water, then cutting, scraping, hammering or chiseling from the substrate. Whenever possible, samples were collected from areas previously damaged or deteriorating. The samples were placed in its own plastic sample bag, sealed, and labeled with a unique identification number. Sampling tools were individually cleaned before and after each sample was collected to avoid sample cross contamination.

The samples collected were recorded on YES, Inc.'s chain-of-custody form which accompanied them to the laboratory for analysis. The samples were shipped via FedEx to Forensic Analytical Laboratories, Inc., an NVLAP accredited laboratory in Hayward, CA.

Summary of Laboratory Findings

The samples were analyzed using polarized light microscopy (PLM) with dispersion staining.

Material Description	Locations	% Asbestos	Approximate Quantity	NESHAP Category ¹
Tackboard & glue Sample #: 01A	MPR Building Main Dining Room Located at alcoves for folding tables & benches.	No asbestos detected	N/A	N/A
Black mastic Sample #: 02A-02B	MPR Building Main Dining Room Lower walls. Adhesive for Masonite wall panels	No asbestos detected	N/A	N/A

None of the materials tested were found to contain asbestos. They may be disturbed without regard for asbestos safe work practices.



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DISCLAIMERS

The nature of renovation/demolition is such that materials can be uncovered which previously were unknown to exist. Therefore, YES, Inc. cannot be responsible for "hidden materials", although every effort was made during the inspection to detect all suspect materials. If any materials other than those included in this report and/or its attachments are discovered during renovation, it must be assumed that the materials are asbestos-containing, and the project should then be halted and re-evaluated.

This report has been prepared by the exclusive use of YES, Inc.'s client and is not intended for use by any other party. Any use of this report by a third party shall be at their own risk and shall constitute release and an agreement to defend and indemnify YES, Inc. from any and all liability in connection therewith.

This report and its evaluations/conclusions are based on the current condition of the project and/or materials inspected. This report does not assess or anticipate future events that may impact or damage asbestos or lead materials. Future changes in the condition of ACM may require a new assessment by a certified asbestos consultant.

The quantities of asbestos stated in this report are approximations. This report is not a work plan or project specification.

RECOMMENDATIONS

YES, Inc. recommends that the building owner disseminate this report to all prospective contractors bidding work at the subject site to assist them in identifying which materials have been tested for asbestos content.

Thank you for using YES, Inc. for your consulting needs. We look forward to work together in the future.

Sincerely,

Kristy Yowell

Kristy Yowell, President
CA Asbestos Consultant No. 09-4500

Attachments: A – Chain of Custody & Laboratory Report
B – Consultant and Laboratory Certifications



Yowell Environmental Services, Inc.

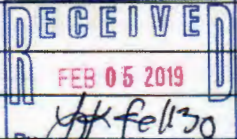

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A - Chain of Custody & Laboratory Report



Yowell Environmental Services, Inc.

13708 Carpaccio Lane, Bakersfield, CA 93306 / (661) 527-0820

Contact Name & Phone Number	Kristy Yowell (661) 477-4662	FALI Account #	L1847
Comments	Please e-mail results to: kristy@yowellenvironmental.com	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	2/4/2019	72 Hour	
Job # & Client	19YES-18 Bakersfield City School District	LAB	FORENSIC ANALYTICAL LABORATORIES, Inc.
Job Site Name & Description	Munsey ES - MPR Building - Main Dining Room		
Submitted By	Kristy Yowell 		
Received By		Date	

SAMPLE ID	1 st LINE: MATERIAL DESCRIPTION - 2 ND LINE: SAMPLE LOCATION
19YES-18-01A	Tackboard & glue
	MPR Bldg - Main Dining Room - East Wall @ Folding Table Alcove
19YES-18-02A	Black Mastic (behind wood Masonite wall paneling)
	MPR Bldg - Main Dining Room - East Wall North End
19YES-18-02B	Black Mastic (behind wood Masonite wall paneling)
	MPR Bldg - Main Dining Room - East Wall South End



Yowell Environmental Services, Inc.

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Forensic Analytical
LABORATORIES

Final Report

Bulk Asbestos Analysis

(EPA Method 40CFR, Part 763, Appendix E to Subpart E and EPA 600/R-93-116, Visual Area Estimation)

Yowell Environmental Services
Kristy Yowell
13708 Carpaccio Ln.

Bakersfield, CA 93306

Client ID: L1847
Report Number: B272648
Date Received: 02/05/19
Date Analyzed: 02/08/19
Date Printed: 02/08/19
First Reported: 02/08/19

Job ID/Site: 19YES-18 Bakersfield City School District, Mansey ES - MPR - Main Dining Room
Date(s) Collected: 02/04/2019

FALI Job ID: L1847
Total Samples Submitted: 3
Total Samples Analyzed: 3

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
19YES-01A	12124919						
		Layer: Yellow Mastic	ND				
		Layer: Tan Fibrous Material	ND				
		Layer: Paint	ND				
		Total Composite Values of Fibrous Components:	Asbestos (ND)				
		Cellulose (95 %)					
19YES-02A	12124920						
		Layer: Black Mastic	ND				
		Layer: Tan Fibrous Material	ND				
		Layer: Paint	ND				
		Total Composite Values of Fibrous Components:	Asbestos (ND)				
		Cellulose (95 %)					
19YES-02B	12124921						
		Layer: Black Mastic	ND				
		Layer: Tan Fibrous Material	ND				
		Layer: Paint	ND				
		Total Composite Values of Fibrous Components:	Asbestos (ND)				
		Cellulose (95 %)					

Tad Thrower, Laboratory Supervisor, Hayward Laboratory

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

Analytical results and reports are generated by Forensic Analytical Laboratories Inc. (FALI) at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by FALI to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by FALI. The client is solely responsible for the use and interpretation of test results and reports requested from FALI. Forensic Analytical Laboratories Inc. is not able to assess the degree of hazard resulting from materials analyzed. FALI reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. All samples were received in acceptable condition unless otherwise noted.

1 of 1

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



Yowell Environmental Services, Inc.

13708 Carpaccio Lane, Bakersfield, CA 93306 - (661) 527-0820

B – Consultant and Laboratory Certifications

STATE OF CALIFORNIA

Edmund G. Brown, Jr. Governor

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



903034500C 324 326

March 20, 2018

Kristy L Yowell
13708 Carpaccio Lane
Bakersfield CA 93306

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/mailling information within 15 days of the change.

Sincerely,

Jeff Ferrell
Senior Safety Engineer

Attachment: Certification Card

cc: File

Renewal – Card Attached (Revised 10/24/2012)

State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant

Kristy L Yowell

Certification No. 09-4500

Expires on 05/21/18

This certification is issued by the Division of Occupational Safety and Health as authorized by Sections 7180 to 7184, of the Business and Professions Code.

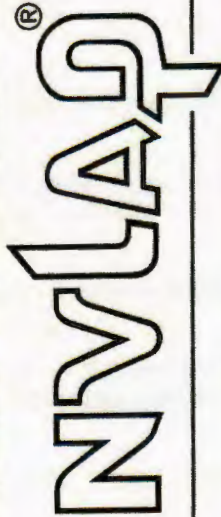




Yowell Environmental Services, Inc.

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United States Department of Commerce
National Institute of Standards and Technology



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:

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 Communiqué dated January 2009).

2018-07-01 through 2019-06-30
Effective Dates

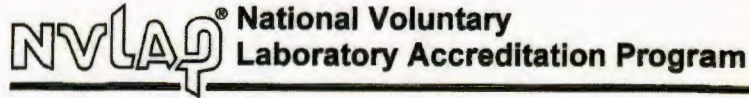


John S. Luman
For the National Voluntary Laboratory Accreditation Program



Yowell Environmental Services, Inc.

13708 Carpaccio Lane, Bakersfield, CA 93306 - (661) 527-0820



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Forensic Analytical Laboratories, Inc.

3777 Depot Road, Suite 409

Hayward, CA 94545-2761

Mr. Steven Takahashi

Phone: 310-294-4365 Fax: 310-764-1136

Email: stakahashi@falaboratories.com

<http://www.falaboratories.com>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 101459-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA – 40 CFR Appendix E to Subpart E of Part 763, Interim Method of 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

Airborne Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

For the National Voluntary Laboratory Accreditation Program

Effective 2018-07-01 through 2019-06-30

Page 1 of 1