



# SISC

SELF-INSURED SCHOOLS of CALIFORNIA

**SAFETY & LOSS CONTROL**

October 8, 2001

Michael Lingo, Assistant Superintendent  
Bakersfield City School District  
1300 Baker Street  
Bakersfield, CA 93305

Dear Mr. Lingo:

On September 11, 2001, through October 5, 2001, I conducted the district's six-month asbestos inspections. All areas indicated in the asbestos management plan as having asbestos-containing material or assumed asbestos-containing materials were visually inspected. The school sites with changes in the condition are listed below:

#### **Casa Loma**

- Building 001 •The vinyl floor tile and mastic in the kitchen, storage, and offices was abated on June 29, 2001.
- Building 004 •The 9x9 vinyl floor tile in room 2 (women's restroom) is cracked, pulverized, and delaminated throughout. The district should contact a certified asbestos abatement contractor to remove the tiles and mastic.

#### **Chipman**

- No records of additional cleaning were available at the time of inspection. The district should ensure that all horizontal surfaces are cleaned every year in accordance with the additional cleaning requirements established in the O&M procedures of the management plan.

#### **College Heights**

- Building 003 •The kindergarten was undergoing renovations at the time of the inspection. According to the contractor on site, the abatement contractor was unable to remove all of the vinyl floor tiles. The remaining floor tiles in rooms K2 and K3 will be covered over with 5/16 plywood and new carpet and floor tiles.
- Building 007 •The vinyl floor tile throughout the office has been covered over with plywood and then new carpet and tile.
- Building 008 •There are cracked, delaminated, and missing tiles throughout classroom 32. The district should contact a certified abatement contractor to remove the tiles or have the floor covered over as soon as possible.

P. O. Box 1847 ♦ Bakersfield, CA 93303-1847 ♦ <http://www.kern.org/sisc/>  
1300 17th Street - CITY CENTRE ♦ Bakersfield, CA ♦ (661) 636-4710 ♦ FAX (661) 636-4156

A Joint Powers Authority administered by the Kern County Superintendent of Schools Office, Larry E. Reider, Superintendent

- Building 009 •There are cracked and delaminated vinyl floor tiles in various locations in classrooms 36 and 38. The cracked tiles should be replaced and the delaminated tiles should be reattached to the substrate.

**Compton Jr. High**

- Building 002 •The vinyl floor tile and mastic in the kitchen, staff dining lounge, dining room, and stage storage area was abated on July 6, 2001.

- There are four damaged mudded joint elbows in Boiler Room #3 that need to be repaired.

- Building 005 •In classroom #10 there are eleven vinyl floor tiles along the south wall that are delaminated and or cracked. The tiles should be replaced where cracked or reattached where delaminated.

- Building 009 •In classroom #30 there is approximately 80 square feet of vinyl floor tile that is cracked, crumbling, or pulverized near the teacher's desk. The tiles should be removed by a certified asbestos abatement contractor or covered over.

**Curran Middle School**

- Building 001 •In the administration office there are delaminated vinyl floor tiles, due to water damage, located along the west wall of the Resource Specialist room. The water leak should be repaired and tiles should be replaced or reattached to the substrate.

- Building 004 •The damaged floor tiles located in room 12 have been removed and replaced with new tile.

- Building 005 •The damaged floor tiles in classrooms 16, 17, and 18, have been removed and replaced with new tiles.

**Education Center**

- The vinyl floor tile located on the second floor IMC landing has been covered with new sheet vinyl.

**Franklin**

- Building 012 •The vinyl floor tile is cracked and crumbling throughout classroom 27. The district should contact a certified asbestos abatement contractor to remove the tiles or have the tile covered over.

**Horace Mann**

- Building 011 •In classrooms B2 and B3 the linoleum counter tops are pulling away from the wall at the sinks and along the counter tops. The linoleum should be removed or covered over.

**Longfellow**

- Building 013 •In classrooms 27 and 29, the 9x9 vinyl floor tile has been covered over with plywood and new 12x12 vinyl floor tiles.

**McKinley**

- Building 005 •There is a hole in the floor in classroom 19. The tile debris should be cleaned up and the hole should be repaired.

**Mt. Vernon**

- Building 020 •In the student services building on the north side there are numerous floor tiles that are delaminated, cracked, and crumbling. The tiles should be removed or covered over.

**Munsey**

- Two portable buildings have been added to this site. The buildings are T10 and T11. All new buildings will be added to the New Buildings section of the management plan.

**Nichols**

- Building 002 •The door to the north stage entrance is scraping the floor tile and causing deep gouges when opened. The door should be raised enough to prevent any further contact with the floor tile.

**Noble**

- Building 002 •The vinyl floor tile and mastic in the kitchen, dining room, and staff lounge was abated on June 21, 2001.

**Pioneer Drive**

- Building 002 •The vinyl floor tile and mastic in the kitchen, dining room, and staff lounge was abated on June 14, 2001.

**Sierra**

- Building 002 •The floor tiles throughout the south stage restroom are delaminated and cracked. The tiles should be replaced or covered over.

- Building 004 •There are numerous floor tiles in the south storage room of room 28 that are delaminated and cracked. The tiles should be replaced or covered over.

**Voorhies**

- Building 001 •The vinyl floor tile in the men's restroom is delaminated and cracked throughout. A certified asbestos abatement contractor should remove the floor tile and mastic.

**Washington**

- Building 001 •There are eight vinyl floor tiles located in the Campus Supervisor's office that are delaminating and cracked. The damaged tiles should be removed.

**Wayside**

- Building 001 •The damaged floor tiles in the ball room have been replaced.

**Williams**

- Building 001 •The floor tiles in the kitchen storage room are delaminated and cracked. The tiles should be replaced or covered over.
- Building 009 •In the small book room there are 15 floor tiles that are delaminating and some are cracked or broken. The delaminated tiles should be re-attached and the broken tiles should be replaced.

Please remember that any material introduced into the district as a result of removal/abatement should be documented to be non-asbestos containing or it must be assumed to contain asbestos.

Also, please note that AHERA also requires the school district to notify parents and employees each year that there are asbestos-containing building materials present in the schools, and the asbestos management plan is available for review. A copy of this letter should be put in the asbestos management plan at your district office and school sites. This letter is a legal document showing your compliance with AHERA.

Sincerely,



Hal Gounder  
Safety and Loss Control Specialist III

HG:hc

May 9, 2002

Mike Taylor, M & O  
Bakersfield City School District  
1501 Feliz Drive  
Bakersfield, CA 93307

Dear Mr. Taylor:

I conducted the district's six-month asbestos inspection from March 8, 2002 through April 18, 2002. All areas indicated in the asbestos management plan as having asbestos-containing material or assumed asbestos-containing materials were visually inspected. Changes in the condition are listed below:

**Munsey**

Building 001: •There are cracked and loose tiles located at the threshold of the North East stage entrance. The debris should be removed and the tiles should be replaced.

**Curran Middle**

Building 002 •There are 3 large areas in the multipurpose room where the vinyl floor tiles are cracked and delaminating from the substrate. The district has scheduled the abatement of all vinyl floor tiles in the multipurpose room to occur in the summer of 2002.

**Frank West**

Building 002 •There are 3 missing vinyl floor tiles located in front of the restroom in the nurse's office. The missing tiles should be replaced.

**Casa Loma**

Building 004 •The 9x9 vinyl floor tile in room 2 (women's restroom) is cracked, pulverized, and delaminated throughout. The floor tiles are scheduled for abatement in May 2002.

**Wayside**

Building 006 •There are numerous areas in the multipurpose room where the vinyl floor tiles are beginning to delaminate and crack. The areas of concern are located along the south wall, at the bottom of the stairs leading to the stage, and in front of the stage. These areas should be repaired to prevent further deterioration.

•There are approximately 10 missing, loose, cracked, and delaminated floor tiles located near the wheel chair access to the stage. The tiles should be replaced where they are missing or damaged.

Mr. Taylor

Page Two

May 9, 2002

**Mt Vernon**

Building 004 • There is new 12x12 vinyl floor tile placed over the old 9x9 vinyl floor tile in the teachers lounge.

Please remember that any material introduced into the district as a result of removal/abatement should be documented to be non-asbestos containing or it must be assumed to contain asbestos.

Also, please note that AHERA also requires the school district to notify parents and employees each year that there are asbestos-containing building materials present in the schools, and the asbestos management plan is available for review. A copy of this letter should be put in the asbestos management plan at your district office and school sites. This letter is a legal document showing your compliance with AHERA.

Sincerely,



Hal Gounder  
Safety and Loss Control Specialist III

HG:hc

BAA-126

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

Page 1 of 1

P.O. BOX 875348  
 MODESTO, CA 95357-6848  
 (209) 551-2000  
 FAX (209) 861-8065

P.O. BOX 7348  
 CITRUS HEIGHTS, CA 95821-7348  
 (916) 723-4160  
 FAX (916) 723-4317

P.O. BOX 25474  
 FRESNO, CA 93729  
 (559) 436-4277  
 FAX (559) 438-0279

P.O. BOX 21471  
 BAKERSFIELD, CA 93390  
 (661) 833-0361  
 (661) 833-8261

Date: 1/28/03

Contact: Kathy Watts

Bill: HMS, Inc.

Special instructions: FAX RESULTS TO

Analysis Requested

(661) 833-0361 AS SOON AS READY

XX PLM with Dispersion Staining

Collected by: Kathy Watts

   2 hr. XX 24 hr.    48 hr.    Extended

Date Collected: 1/28/03

   AA Flame

Job ID: 803010 - Bakersfield City Schools

   TEM Bulk (5 Day)

Job Site: Mt. Vernon School

Laboratory: Forensic

SAMPLE #	RESULTS	MATERIAL DESCRIPTION/LOCATION
HMS-BCSD-MES- 803010-01		Classroom #26 - North side by exit door
		Vinyl floor tile w/ yellow carpet mastic and black tile mastic

12 x 12  
 0

Submitted by: Kathy Watts

Date: 1/28/03

Received by: Melissa Conner

Date: 1/30/03



Forensic Analytical  
Analytical Report

Preliminary FAX

# Bulk Asbestos Analysis

(EPA Method 846-R-93-116)

HMS, Inc.  
Kathy Warts  
4949 Buckley Way #105

Bakersfield, CA 93390

Client ID: 4344  
Report Number: B047050  
Date Received: 01/30/03  
Date Analyzed: 01/30/03  
Date Printed: 01/31/03

Job ID / Site: BC3010 Bakersfield City Schools-Mt. Vernon School

FAI Job ID: 4344-126

Sample Number	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HMS-BCSD-MES-B03010-01	10210557						
Layer: Yellow Mastic			ND				
Layer: Off-White Tile		Chrysotile	3%				
Layer: Black Mastic		Chrysotile	3%				

Total Composite Values of Fibrous Components: **Asbestos: (3%)**  
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.

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, unless approved by 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 other agency of the U.S. Government. Forensic Analytical is not able to assess the degree of hazard resulting from materials analyzed. Forensic Analytical 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.



*HMS, Inc.*  
HAZARD MANAGEMENT SERVICES, INC.

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

July 28, 2006

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

Subject: Mt. Vernon School - Bldg D - Classrooms 11-15 & Bldg E - Classrooms 16-19  
Completion of Asbestos Abatement

Dear Mr. Hamlin:

This letter reports the completion of the asbestos abatement project performed at Mt. Vernon School. The abatement was performed by PDGI, a licensed asbestos abatement contractor from Los Angeles, California. The project began on June 19, 2006 and was completed on June 22, 2006. Materials removed included 9" vinyl floor tile baseboard and mastic. All work was performed in accordance with federal, state and local codes and standards and in accordance with the specifications within the scope of work.

The project was monitored by Hazard Management Services, Inc. (HMS, Inc.) and all work was performed in accordance with applicable regulations. Upon completion of the abatement, and after successful visual clearance inspections were performed, two 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, and analyzed using transmission electron microscopy (TEM). All clearance air samples met the EPA criteria level for reoccupancy.

LOCATION  
Bldg D - Classrooms 11-15  
Bldg E - Classrooms 16-19

SAMPLE IDENTIFICATION  
HMS BCSD MTV F06028 501CA-505CA  
HMS BCSD MTV F06028 506CA-510CA

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 Fresno office at (559) 436-0277 or our Bakersfield office at (661) 833-0351.

Sincerely,



Kristy Yowell, CSST No. 05-3881  
Project Manager

Enc.



# Bulk Asbestos Analysis

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

Bakersfield City School District  
Mike Hamlin  
1501 Feliz Drive

Bakersfield, CA 93303-1847

**Client ID:** 5177  
**Report Number:** B104152  
**Date Received:** 09/24/07  
**Date Analyzed:** 09/27/07  
**Date Printed:** 09/27/07  
**First Reported:** 09/27/07

**Job ID/Site:** Mt. Vernon School

**Date(s) Collected:** 09/17/2007

**FASI Job ID:** 5177-281  
**Total Samples Submitted:** 3  
**Total Samples Analyzed:** 1

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
<b>MV004-01</b>	10683376						
Layer: Beige Semi-Fibrous Material		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		<b>Asbestos (10%)</b>					
Cellulose (Trace)		Fibrous Glass (70 %)					
<b>MV004-02</b>	10683377	Comment: Sample not analyzed due to prior positive result in series.					
<b>MV004-03</b>	10683378	Comment: Sample not analyzed due to prior positive result in series.					

James Flores, 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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RECEIVED

JUN 11 2008

M & O

# Bulk Asbestos Analysis

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

Bakersfield City School District  
Mike Hamlin  
1501 Feliz Drive  
  
Bakersfield, CA 93303-1847

**Client ID:** 5177  
**Report Number:** B113591  
**Date Received:** 06/05/08  
**Date Analyzed:** 06/05/08  
**Date Printed:** 06/05/08  
**First Reported:** 06/05/08

**Job ID/Site:** Mt. Vernon School - Art Room

**FASI Job ID:** 5177-281

**Date(s) Collected:** 06/04/2008

**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
<b>MV018-01</b>	10762920						
Layer: Beige Sheet Flooring			ND				
Layer: Fibrous Backing			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (80 %) Synthetic (5 %)							
<b>MV018-02</b>	10762921						
Layer: Beige Sheet Flooring			ND				
Layer: Fibrous Backing			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (80 %) Synthetic (5 %)							
<b>MV018-03</b>	10762922						
Layer: Beige Sheet Flooring			ND				
Layer: Fibrous Backing			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (80 %) Synthetic (5 %)							

James Flores, 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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ASBESTOS ANALYSIS BULK SAMPLE REQUEST FORM

Self-Insured Schools of California (SISC) (#5177) Safety and Loss Control P.O. Box 1847 Bakersfield, CA 93303-1847	Date: 6-04-08 SISC Contact: Catherine Jones Telephone No.: (661) 636-4604 Fax No.: (661) 636-4418
<b>Billing Instructions</b>	<b>Analysis Requested</b>
District: Bakersfield City School District	<input checked="" type="checkbox"/> PLM
ATTN: Mike Hamlin	<input checked="" type="checkbox"/> 2-Hour* <input type="checkbox"/> 24-Hour <input type="checkbox"/> Extended
1501 Feliz Drive	<input type="checkbox"/> TEM Water <input type="checkbox"/> TEM Bulk Qualitative
Bakersfield, CA 93307	<input type="checkbox"/> TEM Bulk Quantitative
School Site: Mt. Vernon School – Art Room	
Telephone No: Mike Hamlin-BCSD 661-631-5887	Results Needed By: <i>ASAP</i>
Collected By: Kirsten Bellamy-SISC 661-636-4590	*Five sample limit per submission on 2-hour rush

Sample No.	Date Collected	Material Description	Location of Sample
MV018-01	June 4, 2008	Linoleum Wall Covering & Mastic	Bldg 018 – Art Room West Restroom
MV018-02	June 4, 2008	Linoleum Wall Covering & Mastic	Bldg 018 – Art Room West Restroom
MV018-03	June 4, 2008	Linoleum Wall Covering & Mastic	Bldg 018 – Art Room East Restroom

PLEASE SAMPLE TO FIRST POSITIVE

PLEASE E-MAIL RESULTS TO: kibellamy@kern.org

Relinquished By: <i>K Bellamy</i>	Date/Time: <i>6/4/08 1:35pm</i>
Received By: <i>AJG</i>	Date/Time: <i>RECEIVED JUN 05 2008</i>
Relinquished By:	Date/Time:
Received By:	Date/Time:
Relinquished By:	Date/Time:
Received By:	Date/Time:



Forensic Analytical

Final Report

# Bulk Asbestos Analysis

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

Hazard Mgmt Services - Fresno  
 Harry Stevens  
 Fresno Location  
 371 E. Bullard Ave., Ste. 109  
 Fresno, CA 93710

Client ID: 1636  
 Report Number: B113837  
 Date Received: 06/12/08  
 Date Analyzed: 06/12/08  
 Date Printed: 06/12/08  
 First Reported: 06/12/08

Job ID/Site: F08089 - Bakersfield City Schools - Mt. Vernon Elementary - BLDG Music/Art

FASI Job ID: 1636

Date(s) Collected: 06/11/2008

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
<b>HMS-BCSD-MTV-F08089-22A</b>	10765545						
Layer: Grey Tile			ND				
Layer: Yellow Mastic			ND				
Layer: Tan Tile			ND				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
Comment: Bulk complex sample.							
<b>HMS-BCSD-MTV-F08089-23A</b>	10765546						
Layer: Green Tile			ND				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
<b>HMS-BCSD-MTV-F08089-24A</b>	10765547						
Layer: Tan Tile			ND				
Layer: Yellow Mastic			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'.

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**SETUP:**

The abatement areas shall be set up in accordance with the attached Vinyl Floor Tile Removal Specification, including false poly ceilings. All areas within building H shall be joined to form a single containment. A three-stage decontamination unit with operational shower shall be erected and incorporated into each containment. A tunnel will not be necessary at K-1 and K-2; however, a three-stage decontamination unit with operational shower shall be erected and incorporated into the containment. All exterior decontamination units shall also be enclosed with plywood.

**NEGATIVE AIR:**

Negative air shall be established as outlined in the attached Vinyl Floor Tile Removal Specification and shall be recorded on a recording manometer. Negative pressure shall be maintained until clearance has been achieved. **On-site DOP testing of all HEPA equipment shall be required** and copies of the DOP certificate(s) shall be given to the on-site asbestos project manager.

**WORKER PROTECTION:**

The contractor shall provide respiratory protection as outlined in current Cal/OSHA regulations; however, at a minimum, all workers shall wear a half-face negative-pressure respirator with P-100 (HEPA) cartridges. Dual charcoal cartridges shall be worn by all workers during the mastic removal. Disposable coveralls such as Tyvek or equivalent shall be worn by all workers during the abatement and detailing phase of this project.

**ABATEMENT PROCEDURES:**

In areas where baseboards contain asbestos, they shall be removed only after the critical barriers are in place and negative air has been established. The floor tiles and mastic shall be removed in accordance with the attached Vinyl Floor Tile Removal Specification.

**CLEARANCE AIR SAMPLES:**

One set of clearance air samples shall be collected in each containment in accordance with AHERA and analyzed using transmission electron microscopy (TEM). The contractor shall be responsible for the costs associated with retesting, including sample collection and TEM analysis, if the initial clearance fails to meet the AHERA clearance criteria.

**DISPOSAL:**

The VFT, if removed using manual methods, shall be considered non-friable and non-hazardous, and discarded accordingly. The mastic, unless removed using manual methods, shall be considered friable, manifested and discarded accordingly.

**WORKING HOURS:**

7:00 a.m. to 3:30 p.m.

**WORK PERIOD:**

The contractor shall have ten (10) working days to complete this project. Clearance air samples will be collected the day after the abatement is completed, with tear-down occurring the day after clearance is attained.

**Written by:** Chris Olsen, CSST 03-3462  
**Reviewed by:** Donna Harris, CAC 07-4210  
**Date:** April 22, 2008

**Attachments:** Asbestos General Requirements  
Vinyl Floor Tile Removal Specifications

**VINYL FLOOR TILE (VFT) REMOVAL SPECIFICATIONS**

1. The doors, windows, and penetrations into the rooms shall be sealed with polyethylene. All ventilation systems shall be locked-out and sealed as critical barriers. An attached three stage decon with shower is required. The Scope of Work may require more chambers depending upon the project size.
2. Baseboards shall be removed unless otherwise noted in the Scope of Work.
3. Contractor is responsible for wall marks as a result of poly attachment. Since only one layer of 4 mil is required, do not use spray glue for support.
4. Half-mask respirators, rubber boots, gloves, and disposable coveralls are to be used as a minimum for worker protection.
5. The VFT's must be double bagged in poly bags. An acceptable alternative is disposal of VFT's into poly bags which are placed into drums for disposal.
6. A HEPA air filtration unit must be running in the room and exhausted outside. The size shall be sufficient for providing at least 4 air changes per hour and -0.025" H<sub>2</sub>O of Air Pressure Differential (A.P.D.). A recording manometer must be installed at each containment. The A.P.D. must be -0.025", unless otherwise noted in the Scope of Work.
7. All VFT's and mastic must be sufficiently wetted with amended water when being lifted off the floor.
8. The mastic layer may be removed either by solvent or wet buffing with a solvent. If a solvent is used, the negative air unit exhaust shall be directed down wind as much as possible, or a sufficient length of exhaust hose will be required to prevent re-entrainment of the vapors. Any solvents used for removing mastic shall be non-toxic low odor and non-flammable. A material safety data sheet for the solvent shall be provided and subject to approval by the project manager prior to use.
9. During removal of the mastic with solvent or other organic based liquid, combination respiratory cartridges (organic vapor/HEPA) shall be worn to protect against asbestos and the solvent.
10. Full enclosure of the walls and ceiling with poly will be required, no matter what method of tile and mastic removal is used, unless specifically exempted in the Scope of Work.
11. Following removal of all floor tile and mastic, the contractor shall wash the floors thoroughly using a solution of trisodium phosphate (TSP) and water. Sufficient water shall be used for final rinsing of the floor for a clean finish.
12. Apply encapsulant to the poly ceiling and walls. The encapsulant used shall allow for subsequent use of mastic products.
13. Handle and dispose of VFT as hazardous asbestos waste unless specifically exempted in the Scope of Work. If the solvent used is a hazardous waste, it shall be discarded as a segregated waste. Package the solvent/mastic mixture in sufficient absorbent to eliminate all free liquids, and place in a D.O.T. 7A Type A approved steel drum (49 CFR 178.350). Label the drum as required, and transport to an approved Class 1 landfill with separate Uniform Hazardous Waste Manifest and Waste Profile documentation.
14. Decision to make notification to the EPA, or the appropriate delegated Air Quality Management District, is up to the contractor, unless specifically required in the Scope of Work.
15. Unless exempted in the Scope of Work, all HEPA filtered equipment shall be DOP tested in accordance with the General Requirements.
16. No bead blasting or shot blasting is allowed to be performed on these projects.

**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.



# Metals Analysis of Air Filters

Bakersfield City Schools District  
Kirsten Bellamy  
1300 17th Street

Bakersfield, CA 93303-1847

RECEIVED  
MAY 25 2010  
M&O

Client ID: 5177  
Report Number: M110149  
Date Received: 04/07/10  
Date Analyzed: 04/08/10  
Date Printed: 04/08/10  
First Reported: 04/08/10

Job ID / Site: Mount Vernon School

Date(s) Collected: 04/01/10

FALI Job ID: 5177-350

Total Samples Submitted: 4

Total Samples Analyzed: 4

Sample Number	Lab Number	Volume	Analyte	Result	Result Units	Reporting Limit*	Method Reference
BCSD-MV-01	30371945	810 L	Pb	9	ug/m3	6	NIOSH 7082
BCSD-MV-02	30371946	810 L	Pb	< 6	ug/m3	6	NIOSH 7082
BLANK 1	30371947	NA	Pb	< 5	ug	5	NIOSH 7082
BLANK 2	30371948	NA	Pb	< 5	ug	5	NIOSH 7082

\* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Dave Sandusky, CIH, Laboratory Supervisor, Hayward Laboratory

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RECEIVED

MAY 25 2010



Forensic Analytical Laboratories, Inc. 5177-380 M&O Analysis Request Form (COC)

Client Name & Address: Self-Insured Schools of California  
P.O. Box 1847, 1300 17th Street  
Bakersfield, CA 93303-1847

PO/Job#: \_\_\_\_\_ Date: 4/6/10

Turn Around Time: Same Day /  1Day /  2Day /  3Day /  4Day /  5Day

PCM:  NIOSH 7400A /  NIOSH 7400B  Rotometer

PLM:  Standard /  Point Count 400 / 1000 /  CARB 435

Contact: Kirsten Bellamy

Phone: (661) 636-4590 Fax: (661) 636-4418

E-mail: kibellamy@kern.org

Site: Bakersfield City School District

Site Location: Mount Vernon School

TEM Air:  AHERA /  Yamate2 /  NIOSH 7402  
 TEM Bulk:  Quantitative /  Qualitative /  Chatfield  
 TEM Water:  Potable /  Non-Potable /  Weight %  
 TEM Microvac:  Qual(+/-) /  D5755(str/area) /  D5756(str/mass)

IAQ Particle Identification (PLM LAB)  PLM Opaques/Soot  
 Particle Identification (TEM LAB)  Special Project

Metals Analysis: Method: AASF Lead

Matrix: NIOSH 7082

Analytes: \_\_\_\_\_

Comments: Trim Removal

Report Via:  Fax  E-Mail  Verbal

Kibellamy@kern.org

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY				Sample Area / Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
BCSD-MV-01	4/1	Pump #: SKC-85 Name: Darrel Beilby	A F C	6:45 1:30	2.0	6.75	
BCSD-MV-02	4/1	Pump #: P-030 Name: Rick Segura	A F C	6:45 1:30	2.0	6.75	
Blank 1	4/1		A F C		0	0	0
Blank 2	4/1		A F C		0	0	0
			A F C				
			A F C				
			A F C				
			A F C				
			A F C				
			A F C				

Sampled By: *[Signature]* Date: 4/1/10 Time: 6:45am - 1:30pm

Shipped Via:  Fed Ex  DHL  UPS  US Mail  Courier  Drop Off  Other:

Relinquished By: <i>[Signature]</i>	Relinquished By:	Relinquished By:
Date / Time: 4/6/10 2:56pm	Date / Time:	Date / Time:
Received By: <i>[Signature]</i>	Received By:	Received By:
Date / Time: 4/7/10 1:30	Date / Time:	Date / Time:
Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No

San Francisco Office: 3777 Depot Road, Suite 409, Hayward, California 94545-2761 / Ph: (510)887-8828 \* (800)827-3274 / Fax: (510)887-4218  
 Los Angeles Office: 2959 Pacific Commerce Drive, Rancho Dominguez, California 90221 / Ph: (310)763-2374 \* (888)813-9417 / Fax: (310)763-4450  
 Las Vegas Office: 6765 S. Eastern Avenue, Suite 3, Las Vegas, Nevada 89119 / Ph: (702)784-0040 / Fax: (702)784-0030



Forensic Analytical Laboratories, Inc.

Analysis Request Form (COC)

Client Name & Address: Self-Insured Schools of California P.O. Box 1847, 1300 17th Street Bakersfield, CA 93303-1847		PO / Job#:	Date:
Contact: Kirsten Bellamy		Turn Around Time: Same Day / <input checked="" type="checkbox"/> 1Day / 2Day / 3Day / 4Day / 5Day	
Phone: (661) 636-4500 Fax: (661) 636-4418		<input type="checkbox"/> PCM: <input type="checkbox"/> NIOSH 7400A / <input type="checkbox"/> NIOSH 7400B <input type="checkbox"/> Rotometer	
E-mail: kibellamy@kern.org		<input type="checkbox"/> PLM: <input type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 1000 / <input type="checkbox"/> CARB 435	
Site: Bakersfield City School District		<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamac2 / <input type="checkbox"/> NIOSH 7402	
Site Location: Mount Vernon School		<input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield	
Comments: Trim Removal		<input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Weight %	
Report Via: <input type="checkbox"/> Fax <input type="checkbox"/> E-Mail <input type="checkbox"/> Verbal		<input type="checkbox"/> TEM Microvac: <input type="checkbox"/> Qual(+/-) / <input type="checkbox"/> D5755(str/area) / <input type="checkbox"/> D5756(str/mass)	
Matrix: NIOSH 7082		<input type="checkbox"/> IAQ Particle Identification (PLM LAB) <input type="checkbox"/> PLM Opaques/Soot	
Analytes:		<input type="checkbox"/> Particle Identification (TEM LAB) <input type="checkbox"/> Special Project	
Metals Analysis: Method: AASF Lead			

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY				Sample Area / Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
BCSD-MV-01	4/1	Pump #: P-030 Name: Rick Segura	A F C	6:45 1:30		6.75	
BCSD-MV-02	4/1	Pump #: SKC-85 Name: Darrel Bellby	A F C	6:45 1:30		6.75	
			A F C				
			A F C				
		see other side	A F C				
			A F C				
			A F C				
			A F C				

Sampled By:	Date:	Time:
Shipped Via: <input checked="" type="checkbox"/> Fed Ex <input type="checkbox"/> DHL <input type="checkbox"/> UPS <input type="checkbox"/> US Mail <input type="checkbox"/> Courier <input type="checkbox"/> Drop Off <input type="checkbox"/> Other:		
Relinquished By:	Relinquished By:	Relinquished By:
Date / Time:	Date / Time:	Date / Time:
Received By:	Received By:	Received By:
Date / Time:	Date / Time:	Date / Time:
Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No



# 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: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	2/22/2019	72 Hour	
Job # & Client	19YES-28 Bakersfield City SD	LAB	FORENSIC ANALYTICAL LABORATORIES, Inc. <i>1130</i>
Job Site Name & Description	Mt. Vernon ES – Administration Building		
Submitted By	Kristy Yowell <i>Kristy Yowell</i>	Date	2/25/2019
Received By		Date	

*1130*  
 FEB 23 2019  
*ujm*  
*fy*

SAMPLE ID	1 <sup>st</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>nd</sup> LINE: SAMPLE LOCATION
19YES-28-01A	9" TAN W/BROWN STREAKS FLOOR TILE & MASTIC
	EAST STORAGE ROOM – AT WEST ENTRY
19YES-28-01B	9" TAN W/BROWN STREAKS FLOOR TILE & MASTIC
	EAST STORAGE ROOM – AT WEST ENTRY
19YES-28-02A	12" LT GREY FLOOR TILE & GLUE
	TEACHERS' LOUNGE – SOUTH WALL
19YES-28-02B	12" LT GREY FLOOR TILE & GLUE
	CUSTODIAL ROOM – SOUTH SIDE
19YES-28-03A	BLUE/RED/CREAM/GREEN MULTI COLORED CARPET & GLUE
	VICE PRINCIPAL'S OFFICE – CLOSET – AT ENTRY
19YES-28-04A	6" LT GREY BASEBOARD & GLUE
	EAST WORKROOM – EAST WALL
19YES-28-05A	6" BLUE BASEBOARD & GLUE
	MAIN OFFICE – WEST WALL
19YES-28-06A	YELLOW GLUE
	HALLWAY – BEHIND WOOD PANELING
19YES-28-07A	UNFINISHED DRYWALL (NO T&J)
	HALLWAY – BEHIND WOOD PANELING – SOUTH WALL
19YES-28-08A	2X4 FALSE CEILING PANEL – RANDOM PINHOLE DESIGN
	EAST WORKROOM – WEST SIDE CENTER OF CEILING







# 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:** B273666  
**Date Received:** 02/26/19  
**Date Analyzed:** 03/01/19  
**Date Printed:** 03/01/19  
**First Reported:** 03/01/19

**Job ID/Site:** 19YES-28 Bakersfield City SD, Mt. Vernon ES - Administration Building

**FALI Job ID:** L1847  
**Total Samples Submitted:** 12  
**Total Samples Analyzed:** 12

**Date(s) Collected:** 02/22/2019

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
<b>19YES-28-01A</b>	12133820						
Layer: Tan Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
<b>19YES-28-01B</b>	12133821						
Layer: Tan Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
<b>ES-28-02A</b>	12133822						
Layer: Grey Tile			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
<b>19YES-28-02B</b>	12133823						
Layer: Grey Tile			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
<b>19YES-28-03A</b>	12133824						
Layer: Multicolored Carpet			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)	Synthetic (85 %)						
<b>19YES-28-04A</b>	12133825						
Layer: Grey Non-Fibrous Material			ND				
Layer: Brown Mastic			ND				
Layer: Tan Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Report Number: B273666

Date Printed: 03/01/19

Client Name: Yowell Environmental Services

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
<b>19YES-28-05A</b>	12133826						
Layer: Blue Non-Fibrous Material			ND				
Layer: Brown Mastic			ND				
Layer: Tan Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
<b>19YES-28-06A</b>	12133827						
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
<b>19YES-28-07A</b>	12133828						
Layer: White Drywall			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							
<b>19YES-28-08A</b>	12133829						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
<b>19YES-28-08B</b>	12133830						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
<b>19YES-28-09A</b>	12133831						
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							

*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'.

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