

October 10, 2013

Mr. Nathan Magsig  
Fresno County Economic Opportunities Commission  
1900 Mariposa Mall, Suite 317  
Fresno, CA 93721

**Subject: Sanctuary Youth Shelter  
Limited Asbestos Inspection for Renovation Purposes**

Dear Mr. Magsig,

Pursuant to your request, on October 4, 2013, Hazard Management Services, Inc. (HMS, Inc.) conducted a limited asbestos survey for renovation purposes at the Sanctuary Youth Shelter located at 1545 N Street, Fresno, California. The survey was limited to the six restroom/shower areas, the damaged ceiling in the administration office, and flooring throughout the main building. In addition, the survey included materials that may be disturbed by re-flooring of the detached conference room located west of the main building.

The survey was performed by Harry Stevens and Joe Vuglia, who are certified by Cal/OSHA to provide asbestos inspection services. All areas were accessible to the inspectors, and all areas were inspected. There were several building materials observed which are considered "suspect" under US EPA guidelines. Under current US EPA guidelines for conducting building inspections for asbestos-containing materials (ACM), all "suspect" building materials must be assumed to contain asbestos until otherwise determined by laboratory testing. Please refer to Appendices A and B for specific results for each building included in the survey.

#### **INSPECTION PROTOCOL**

The following inspection process was followed by HMS, Inc. at the above referenced site:

The inspectors were accompanied by site personnel who provided access areas to be inspected.

The structures were visually inspected for suspect materials.

Representative bulk samples of suspect materials were collected using a knife, scraper, chisel, or power drill. Sample locations are indicated on the building sketches and chain of custody forms included with this report. The samples were analyzed using polarized light microscopy (PLM) by Forensic Analytical Laboratories, Inc. in Hayward, CA.

If any materials other than those included in this report are to be disturbed during renovations, it must be assumed that the materials contain asbestos and the project should then be halted and reevaluated.

#### **BULK SAMPLE RESULTS**

Twenty-five bulk samples were collected of suspect materials that will be impacted by the renovation project at this site. See the attached appendices and laboratory report for specific sample results.

## **US EPA, OSHA, and CSLB COMPLIANCE**

### US EPA

The US EPA NESHAP (40 CFR Part 61 - Nov. 20, 1990) requires materials containing greater than one percent asbestos be removed prior to renovation or demolition of a regulated building, if those materials are friable or likely to become friable due to the forces expected to act upon them during renovation or demolition. In California there are "delegated" counties which enforce the NESHAP regulations, and may have regulations more restrictive than the US EPA.

A ten (10) day waiting period is still required, however, following demolition notification to the US EPA.

### Cal/OSHA

Cal/OSHA worker health and safety regulations apply during any disturbance of ACM by a person while in the employ of another. This is true regardless of friability or quantity disturbed. If there is greater than 100 square feet of asbestos which will be affected by the demolition, a California Licensed Contractor who is registered with Cal/OSHA for asbestos is required. The regulations regarding asbestos are found in Title 8 CCR Section 1529, and also include formal notification requirements to Cal/OSHA at least 24 hours prior to removal.

### Contractors State Licensing Board (CSLB)

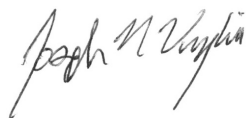
Pursuant to current CSLB requirements, remediation contractors must carry each specific trade classification license for the materials and systems they will disturb, or carry the B General Contractor's license. This requirement will remain in effect until the CSLB creates a separate and distinct specialty trade license for asbestos abatement contractors.

## **DISCLAIMERS**

The nature of renovation is such that materials can be uncovered which previously were unknown to exist. Therefore, HMS, 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 herein, are discovered during the renovation project, 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 desire any additional services, please contact our Fresno office at (559) 436-0277.

Sincerely,



Joe Vuglia, Cal/OSHA CAC 13-5005  
Senior Project Manager

Reviewed by: Donna G. Harris, Cal/OSHA CAC 07-4210  
President



Appendix A

**ASBESTOS SURVEY FOR RENOVATION PURPOSES**  
**Sanctuary Youth Shelter - Main Building**  
**HMS Project No. F13216**

Inspection Date: October 4, 2013 Report Date: October 8, 2013

**BUILDING / PROJECT DESCRIPTION**

The construction date of the subject structure was unknown at the time of the survey. The interior construction consists of ceramic floor tile, vinyl floor tile and/or carpet over a concrete substrate; walls are composed of drywall over wood framing, with ceramic tile or fiber reinforced paneling in restroom and shower areas; and ceilings are drywall over wood framing, however some areas have acoustic ceiling tiles concealing an older spray-on-ceiling applied to drywall. Exterior construction of the structure is masonry block. Roofing was not included in the survey. Materials excluded from this survey are not expected to be disturbed by the planned renovation.

**BULK SAMPLE RESULTS**

The following suspect materials were identified, and bulk samples were collected for laboratory analysis. Samples collected are only representative of materials found in the structure identified in this appendix.

- |   |  |
|---|--|
| Ceramic floor tile and grout (various colors) | Vinyl floor tile and mastic (various colors) |
| Carpet, padding, and glue                     | Vinyl baseboards and mastic (various)        |
| Drywall (various textures)                    | Ceramic wall tile and grout (various colors) |
| Fiber reinforced paneling and glue            | Acoustic ceiling tile (no mastic)            |
| Spray-on-ceiling                              | Sealant/caulking                             |
| Counter top and glue                          |  |

Samples were analyzed using polarized light microscopy (PLM) with dispersion staining to estimate the percent of asbestos.

**RESULTS**

Materials listed above that were sampled but are not listed below were found not to contain asbestos.

| Sample | Material  | Location                             | Asbestos Content  | Estimated Quantity*  | NESHAP Categorization    |
|--------|---|--------------------------------------|---|----------------------|--------------------------|
| 14A    | Carpet and padding glued over vinyl floor tile and mastic             | Hallways, dorm rooms, offices, lobby | 2% Chrysotile in tile mastic<br>No asbestos detected in other layers                  | 5000 ft <sup>2</sup> | Category I non-friable** |
| 15A    | Spray-on-ceiling over drywall (concealed under acoustic ceiling tile) | Hallways, dorm rooms, offices, lobby | 10% Chrysotile in spray-on-ceiling<br>No asbestos detected in drywall or ceiling tile | 5000 ft <sup>2</sup> | RACM*** (friable)        |

\*Asbestos containing layers in both materials listed here are concealed by non-asbestos containing materials, and it is not known if the hidden layers are present everywhere the visible layers are present - for notification purposes, it shall be assumed that the hidden and visible layers are present in the same amount.

\*\*Mastic shall be considered non-friable, unless removed via mechanical means, in which case it shall be considered RACM.

\*\*\*RACM (Regulated Asbestos Containing Material) under the National Emissions Standard for Hazardous Air Pollutants (NESHAP) includes friable asbestos containing materials, Category I non-friable materials that have become friable, or Category I or II non-friable materials that will become friable during the course of renovation or demolition operations.

Suspect materials discovered during renovation which are not included in this report should be considered Regulated Asbestos Containing Material (RACM) and any such materials should not be disturbed until laboratory testing can be performed to determine the presence or absence of asbestos, and if needed, the material can be properly categorized in accordance with the NESHAP regulation.

**Written by:** Joe Vuglia, Cal/OSHA CAC 13-5005  
Senior Project Manager

**Reviewed by:** Donna G. Harris, Cal/OSHA CAC 07-4210  
President

**Appendix B**

**ASBESTOS SURVEY FOR RENOVATION PURPOSES**  
**Sanctuary Youth Shelter - Detached Conference Building**  
**HMS Project No. F13216**  
**Inspection Date: October 4, 2013 Report Date: October 8, 2013**

**BUILDING / PROJECT DESCRIPTION**

The construction date of the subject structure was unknown at the time of the survey. The interior construction of the structure consists of carpet and glue over a concrete substrate; walls consist of drywall over wood framing with vinyl baseboards and mastic. Interior ceiling materials and exterior materials are not expected to be disturbed during the planned renovation project, and are not included in this survey

**BULK SAMPLE RESULTS**

The following suspect materials were identified, and bulk samples were collected for laboratory analysis. Samples collected are only representative of materials found in the structure identified in this appendix.

Carpet (blue) and glue

Drywall (orange peel texture)

Vinyl baseboard (black) and mastic

Samples were analyzed using polarized light microscopy (PLM) with dispersion staining to estimate the percent of asbestos.

**RESULTS**

None of the materials in this structure that were sampled during this inspection were found to be asbestos-containing by laboratory analysis.

Suspect materials discovered during renovation which are not included in this report should be considered Regulated Asbestos Containing Material (RACM) and any such materials should not be disturbed until laboratory testing can be performed to determine the presence or absence of asbestos, and if needed, the material can be properly categorized in accordance with the NESHAP regulation.

**Written by:** Joe Vuglia, Cal/OSHA CAC 13-5005  
Senior Project Manager

**Reviewed by:** Donna G. Harris, Cal/OSHA CAC 07-4210  
President

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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) 551-2005

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

2124 F STREET, #C  
BAKERSFIELD, CA 93301  
(661) 636-0351  
FAX (661) 636-0361

Date: October 4, 2013

Contact: Joe Vuglia

Special Instructions: \_\_\_\_\_

Bill: HMS, Inc.

Analysis Requested:

PLM with Dispersion Staining

2 hr.  24 hr.  48 hr.  Extended

AA Flame

TEM Bulk (5 Day)

Laboratory: FALI

Collected By: Joe Vuglia / Harry Stevens

Date Collected: October 4, 2013

Job I.D.: F13216 - Fresno EOC

Job Site: Sanctuary Youth Shelter

EMAIL RESULTS TO: jvuglia@hazmanage.com

| SAMPLE #                | RESULTS | MATERIAL DESCRIPTION/LOCATION                     |
|-------------------------|---------|---|
| HMS-FEOC-SYS-F13216-01A |         | Drywall (orangepeel 1) with tape & joint compound |
|                         |         | Conference Bldg -Northwest corner                 |
| HMS-FEOC-SYS-F13216-01B |         | Drywall (orangepeel 1)                            |
|                         |         | Conference Bldg - West side near north end        |
| HMS-FEOC-SYS-F13216-02A |         | 4" Vinyl baseboard (black) & mastic               |
|                         |         | Conference Bldg - West side at center             |
| HMS-FEOC-SYS-F13216-03A |         | Carpet (blue) & glue                              |
|                         |         | Conference Bldg - At northeast corner             |
| HMS-FEOC-SYS-F13216-04A |         | 6" Vinyl baseboard (tan) & mastic                 |
|                         |         | Women's Staff Restroom - South side at east end   |
| HMS-FEOC-SYS-F13216-05A |         | Drywall (orangepeel 2) with tape & joint compound |
|                         |         | Women's Staff Restroom - At southwest corner      |
| HMS-FEOC-SYS-F13216-05B |         | Drywall (orangepeel 2)                            |
|                         |         | Women's Staff Restroom - South side at east end   |
| HMS-FEOC-SYS-F13216-06A |         | Fiber reinforced panel & glue (over drywall)      |
|                         |         | Women's Staff Restroom - East side at center      |
| HMS-FEOC-SYS-F13216-07A |         | Ceramic tile grout (wall)                         |
|                         |         | Women's Shower Room - West side at center         |
| HMS-FEOC-SYS-F13216-08A |         | Ceramic tile grout (floor)                        |
|                         |         | Women's Shower Room - Floor at center             |

Submitted By: Joe Vuglia

Date: 10-4-13

Received By: [Signature]

Date: 10-07-13A10:05 RCVD

*[Handwritten mark]*

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

P.O. BOX 576848  
 MODESTO, CA 95357-6848  
 (209) 551-2000  
 FAX (209) 551-2005

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 FRESNO, CA 93710  
 (559) 436-0277  
 FAX (559) 436-0279

2124 F STREET, #C  
 BAKERSFIELD, CA 93301  
 (661) 636-0351  
 FAX (661) 636-0361




Date: October 4, 2013

Special Instructions: \_\_\_\_\_

Contact: Joe Vuglia

Bill: HMS, Inc.

**Analysis Requested:**

PLM with Dispersion Staining  
 \_\_\_\_\_ 2 hr.  24 hr. \_\_\_\_\_ 48 hr. \_\_\_\_\_ Extended  
 \_\_\_\_\_ AA Flame  
 \_\_\_\_\_ TEM Bulk (5 Day)  
 Laboratory: FALI

Collected By: Joe Vuglia / Harry Stevens

Date Collected: October 4, 2013

Job I.D.: F13216 - Fresno EOC

Job Site: Sanctuary Youth Shelter

EMAIL RESULTS TO: jvuglia@hazmanage.com

| SAMPLE #                | RESULTS | MATERIAL DESCRIPTION/LOCATION   |
|-------------------------|---------|---|
| HMS-FEOC-SYS-F13216-09A |         | Caulk at sink   |
|                         |         | Men's Staff Restroom - East side at north end                           |
| HMS-FEOC-SYS-F13216-10A |         | Drywall (orangepeel 3) with tape & joint compound                       |
|                         |         | Men's Staff Restroom - West side at north end                           |
| HMS-FEOC-SYS-F13216-10B |         | Drywall (orangepeel 3)  |
|                         |         | Men's Staff Restroom - West side, north of center                       |
| HMS-FEOC-SYS-F13216-11A |         | Formica counter cover with glue   |
|                         |         | Men's Shower Room - South side at west end                              |
| HMS-FEOC-SYS-F13216-12A |         | Caulk at sink   |
|                         |         | Men's Shower Room - South side at west end                              |
| HMS-FEOC-SYS-F13216-13A |         | Floor tile and mastic (under carpet)                                    |
|                         |         | Dorm room (North row, 2 <sup>nd</sup> from end)- North side at east end |
| HMS-FEOC-SYS-F13216-14A |         | Carpet and padding glued over tan vinyl floor tile & mastic             |
|                         |         | Admin Office - Northwest corner   |
| HMS-FEOC-SYS-F13216-15A |         | Spray-on-ceiling over drywall   |
|                         |         | Admin Office - Northwest corner   |
| HMS-FEOC-SYS-F13216-16A |         | 12" Ceiling tile (not glued)  |
|                         |         | Admin Office - Northwest corner   |
| HMS-FEOC-SYS-F13216-17A |         | Floor tile (stone) grout  |
|                         |         | Lobby - East side at center   |

Submitted By: *Joe Vuglia*

Date: 10-4-13

Received By: *[Signature]*

Date: 10-07-13A10:05 RCVD *[Signature]*

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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) 551-2005

371 E. BULLARD AVE. STE 109  
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FAX (559) 436-0279

2124 F STREET, #C  
BAKERSFIELD, CA 93301  
(661) 636-0351  
FAX (661) 636-0361

Date: October 4, 2013

Contact: Joe Vuglia

Special Instructions: \_\_\_\_\_

Bill: HMS, Inc.

Analysis Requested:

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

AA Flame

TEM Bulk (5 Day)

Laboratory: FALI

Collected By: Joe Vuglia / Harry Stevens

Date Collected: October 4, 2013

Job I.D.: F13216 - Fresno EOC

Job Site: Sanctuary Youth Shelter

EMAIL RESULTS TO: jvuglia@hazmanage.com

| SAMPLE #                | RESULTS | MATERIAL DESCRIPTION/LOCATION                 |
|-------------------------|---------|---|
| HMS-FEOC-SYS-F13216-18A |         | Vapor barrier under carpet                    |
|                         |         | Lobby - West side at center                   |
| HMS-FEOC-SYS-F13216-19A |         | 12" Vinyl floor tile (beige) & mastic         |
|                         |         | Water heater closet - South side at center    |
| HMS-FEOC-SYS-F13216-20A |         | 12" Vinyl floor tile (beige popcorn) & mastic |
|                         |         | Back entry hallway - West side at center      |
| HMS-FEOC-SYS-F13216-21A |         | 12" Vinyl floor tile (tan popcorn) & mastic   |
|                         |         | Back entry hallway - West side at center      |
| HMS-FEOC-SYS-F13216-22A |         | 4" Vinyl baseboard (tan) & mastic             |
|                         |         | Back entry hallway - North side at west end   |
|                         |         |   |
|                         |         |   |
|                         |         |   |
|                         |         |   |
|                         |         |   |
|                         |         |   |
|                         |         |   |
|                         |         |   |
|                         |         |   |

Submitted By: *Joe Vuglia*

Date: 10-4-13 *ap*

Received By: *[Signature]*

Date: 10-07-13A10:05 RCVD





# Bulk Asbestos Analysis

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

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

**Client ID:** 1636  
**Report Number:** B182792  
**Date Received:** 10/07/13  
**Date Analyzed:** 10/07/13  
**Date Printed:** 10/08/13  
**First Reported:** 10/08/13

**Job ID/Site:** F13216 - Fresno EOC, Sanctuary Youth Shelter

**FALI Job ID:** 1636

**Date(s) Collected:** 10/04/2013

**Total Samples Submitted:** 25

**Total Samples Analyzed:** 25

| Sample ID                                     | Lab Number | Asbestos Type        | Percent in Layer | Asbestos Type | Percent in Layer | Asbestos Type | Percent in Layer |
|---|------------|----------------------|------------------|---------------|------------------|---------------|------------------|
| <b>HMS-FEOC-SYS-F13216-01A</b>                | 11434708   |                      |                  |               |                  |               |                  |
| Layer: White Drywall                          |            |                      | ND               |               |                  |               |                  |
| Layer: White Joint Compound                   |            |                      | ND               |               |                  |               |                  |
| Layer: White Tape                             |            |                      | ND               |               |                  |               |                  |
| Layer: White Joint Compound                   |            |                      | ND               |               |                  |               |                  |
| Layer: Paint                                  |            |                      | ND               |               |                  |               |                  |
| Total Composite Values of Fibrous Components: |            | <b>Asbestos (ND)</b> |                  |               |                  |               |                  |
| Cellulose (20 %)      Fibrous Glass (10 %)    |            |                      |                  |               |                  |               |                  |
| <b>HMS-FEOC-SYS-F13216-01B</b>                | 11434709   |                      |                  |               |                  |               |                  |
| Layer: White Drywall                          |            |                      | ND               |               |                  |               |                  |
| Layer: Paint                                  |            |                      | ND               |               |                  |               |                  |
| Total Composite Values of Fibrous Components: |            | <b>Asbestos (ND)</b> |                  |               |                  |               |                  |
| Cellulose (20 %)                              |            |                      |                  |               |                  |               |                  |
| <b>HMS-FEOC-SYS-F13216-02A</b>                | 11434710   |                      |                  |               |                  |               |                  |
| Layer: Black Baseboard                        |            |                      | ND               |               |                  |               |                  |
| Layer: Yellow Mastic                          |            |                      | ND               |               |                  |               |                  |
| Total Composite Values of Fibrous Components: |            | <b>Asbestos (ND)</b> |                  |               |                  |               |                  |
| Cellulose (Trace)                             |            |                      |                  |               |                  |               |                  |
| <b>HMS-FEOC-SYS-F13216-03A</b>                | 11434711   |                      |                  |               |                  |               |                  |
| Layer: Blue Carpet                            |            |                      | ND               |               |                  |               |                  |
| Layer: Yellow Mastic                          |            |                      | ND               |               |                  |               |                  |
| Total Composite Values of Fibrous Components: |            | <b>Asbestos (ND)</b> |                  |               |                  |               |                  |
| Synthetic (90 %)                              |            |                      |                  |               |                  |               |                  |
| <b>HMS-FEOC-SYS-F13216-04A</b>                | 11434712   |                      |                  |               |                  |               |                  |
| Layer: Tan Baseboard                          |            |                      | ND               |               |                  |               |                  |
| Layer: Off-White Mastic                       |            |                      | ND               |               |                  |               |                  |
| Total Composite Values of Fibrous Components: |            | <b>Asbestos (ND)</b> |                  |               |                  |               |                  |
| Cellulose (Trace)      Synthetic (Trace)      |            |                      |                  |               |                  |               |                  |

Client Name: Hazard Mgmt Svcs-Fresno/Bakersfield

Report Number: B182792

Date Printed: 10/08/13

| Sample ID                                     | Lab Number           | Asbestos Type        | Percent in Layer | Asbestos Type | Percent in Layer | Asbestos Type | Percent in Layer |
|---|----------------------|----------------------|------------------|---------------|------------------|---------------|------------------|
| <b>HMS-FEOC-SYS-F13216-05A</b>                | 11434713             |                      |                  |               |                  |               |                  |
| Layer: White Drywall                          |                      |                      | ND               |               |                  |               |                  |
| Layer: White Joint Compound                   |                      |                      | ND               |               |                  |               |                  |
| Layer: White Tape                             |                      |                      | ND               |               |                  |               |                  |
| Layer: White Joint Compound                   |                      |                      | ND               |               |                  |               |                  |
| Layer: Paint                                  |                      |                      | ND               |               |                  |               |                  |
| Total Composite Values of Fibrous Components: |                      | <b>Asbestos (ND)</b> |                  |               |                  |               |                  |
| Cellulose (20 %)                              | Fibrous Glass (10 %) |                      |                  |               |                  |               |                  |
| <b>HMS-FEOC-SYS-F13216-05B</b>                | 11434714             |                      |                  |               |                  |               |                  |
| Layer: White Drywall                          |                      |                      | ND               |               |                  |               |                  |
| Layer: White Joint Compound                   |                      |                      | ND               |               |                  |               |                  |
| Layer: Paint                                  |                      |                      | ND               |               |                  |               |                  |
| Total Composite Values of Fibrous Components: |                      | <b>Asbestos (ND)</b> |                  |               |                  |               |                  |
| Cellulose (20 %)                              | Fibrous Glass (10 %) |                      |                  |               |                  |               |                  |
| <b>HMS-FEOC-SYS-F13216-06A</b>                | 11434715             |                      |                  |               |                  |               |                  |
| Layer: White Drywall                          |                      |                      | ND               |               |                  |               |                  |
| Layer: White Joint Compound                   |                      |                      | ND               |               |                  |               |                  |
| Layer: White Tape                             |                      |                      | ND               |               |                  |               |                  |
| Layer: White Joint Compound                   |                      |                      | ND               |               |                  |               |                  |
| Layer: White Semi-Fibrous Material            |                      |                      | ND               |               |                  |               |                  |
| Layer: Yellow Mastic                          |                      |                      | ND               |               |                  |               |                  |
| Total Composite Values of Fibrous Components: |                      | <b>Asbestos (ND)</b> |                  |               |                  |               |                  |
| Cellulose (20 %)                              | Fibrous Glass (25 %) |                      |                  |               |                  |               |                  |
| Comment: Bulk complex sample.                 |                      |                      |                  |               |                  |               |                  |
| <b>HMS-FEOC-SYS-F13216-07A</b>                | 11434716             |                      |                  |               |                  |               |                  |
| Layer: White Non-Fibrous Material             |                      |                      | ND               |               |                  |               |                  |
| Total Composite Values of Fibrous Components: |                      | <b>Asbestos (ND)</b> |                  |               |                  |               |                  |
| <b>HMS-FEOC-SYS-F13216-08A</b>                | 11434717             |                      |                  |               |                  |               |                  |
| Layer: Tan Non-Fibrous Material               |                      |                      | ND               |               |                  |               |                  |
| Total Composite Values of Fibrous Components: |                      | <b>Asbestos (ND)</b> |                  |               |                  |               |                  |
| <b>HMS-FEOC-SYS-F13216-09A</b>                | 11434718             |                      |                  |               |                  |               |                  |
| Layer: White Non-Fibrous Material             |                      |                      | ND               |               |                  |               |                  |
| Total Composite Values of Fibrous Components: |                      | <b>Asbestos (ND)</b> |                  |               |                  |               |                  |
| <b>HMS-FEOC-SYS-F13216-10A</b>                | 11434719             |                      |                  |               |                  |               |                  |
| Layer: White Drywall                          |                      |                      | ND               |               |                  |               |                  |
| Layer: White Joint Compound                   |                      |                      | ND               |               |                  |               |                  |
| Layer: White Tape                             |                      |                      | ND               |               |                  |               |                  |
| Layer: White Joint Compound                   |                      |                      | ND               |               |                  |               |                  |
| Layer: Paint                                  |                      |                      | ND               |               |                  |               |                  |
| Total Composite Values of Fibrous Components: |                      | <b>Asbestos (ND)</b> |                  |               |                  |               |                  |
| Cellulose (20 %)                              | Fibrous Glass (10 %) |                      |                  |               |                  |               |                  |

**Report Number:** B182792

**Date Printed:** 10/08/13

**Client Name:** Hazard Mgmt Svcs-Fresno/Bakersfield

| Sample ID                                     | Lab Number           | Asbestos Type           | Percent in Layer | Asbestos Type | Percent in Layer | Asbestos Type | Percent in Layer |
|---|----------------------|-------------------------|------------------|---------------|------------------|---------------|------------------|
| <b>HMS-FEOC-SYS-F13216-10B</b>                | 11434720             |                         |                  |               |                  |               |                  |
| Layer: White Drywall                          |                      |                         | <b>ND</b>        |               |                  |               |                  |
| Layer: White Joint Compound                   |                      |                         | <b>ND</b>        |               |                  |               |                  |
| Layer: White Tape                             |                      |                         | <b>ND</b>        |               |                  |               |                  |
| Layer: White Joint Compound                   |                      |                         | <b>ND</b>        |               |                  |               |                  |
| Layer: Paint                                  |                      |                         | <b>ND</b>        |               |                  |               |                  |
| Total Composite Values of Fibrous Components: |                      | <b>Asbestos (ND)</b>    |                  |               |                  |               |                  |
| Cellulose (20 %)                              | Fibrous Glass (10 %) |                         |                  |               |                  |               |                  |
| <b>HMS-FEOC-SYS-F13216-11A</b>                | 11434721             |                         |                  |               |                  |               |                  |
| Layer: Blue Green Non-Fibrous Material        |                      |                         | <b>ND</b>        |               |                  |               |                  |
| Layer: Brown Fibrous Material                 |                      |                         | <b>ND</b>        |               |                  |               |                  |
| Total Composite Values of Fibrous Components: |                      | <b>Asbestos (ND)</b>    |                  |               |                  |               |                  |
| Cellulose (10 %)                              | Synthetic (40 %)     |                         |                  |               |                  |               |                  |
| <b>HMS-FEOC-SYS-F13216-12A</b>                | 11434722             |                         |                  |               |                  |               |                  |
| Layer: White Non-Fibrous Material             |                      |                         | <b>ND</b>        |               |                  |               |                  |
| Total Composite Values of Fibrous Components: |                      | <b>Asbestos (ND)</b>    |                  |               |                  |               |                  |
| <b>HMS-FEOC-SYS-F13216-13A</b>                | 11434723             |                         |                  |               |                  |               |                  |
| Layer: Black Mastic                           |                      |                         | <b>ND</b>        |               |                  |               |                  |
| Layer: Tan Tile                               |                      |                         | <b>ND</b>        |               |                  |               |                  |
| Layer: Yellow Mastic                          |                      |                         | <b>ND</b>        |               |                  |               |                  |
| Total Composite Values of Fibrous Components: |                      | <b>Asbestos (ND)</b>    |                  |               |                  |               |                  |
| Cellulose (Trace)                             |                      |                         |                  |               |                  |               |                  |
| <b>HMS-FEOC-SYS-F13216-14A</b>                | 11434724             |                         |                  |               |                  |               |                  |
| Layer: Grey Carpet                            |                      |                         | <b>ND</b>        |               |                  |               |                  |
| Layer: Yellow Foam                            |                      |                         | <b>ND</b>        |               |                  |               |                  |
| Layer: Off-White Mastic                       |                      |                         | <b>ND</b>        |               |                  |               |                  |
| Layer: Black Mastic                           |                      | Chrysotile              | <b>2 %</b>       |               |                  |               |                  |
| Layer: Tan Tile                               |                      |                         | <b>ND</b>        |               |                  |               |                  |
| Layer: Tan Non-Fibrous Material               |                      |                         | <b>ND</b>        |               |                  |               |                  |
| Layer: White Non-Fibrous Material             |                      |                         | <b>ND</b>        |               |                  |               |                  |
| Total Composite Values of Fibrous Components: |                      | <b>Asbestos (Trace)</b> |                  |               |                  |               |                  |
| Cellulose (Trace)                             | Synthetic (30 %)     |                         |                  |               |                  |               |                  |
| Comment: Bulk complex sample.                 |                      |                         |                  |               |                  |               |                  |
| <b>HMS-FEOC-SYS-F13216-15A</b>                | 11434725             |                         |                  |               |                  |               |                  |
| Layer: Tan Semi-Fibrous Material              |                      | Chrysotile              | <b>10 %</b>      |               |                  |               |                  |
| Layer: White Drywall                          |                      |                         | <b>ND</b>        |               |                  |               |                  |
| Total Composite Values of Fibrous Components: |                      | <b>Asbestos (4%)</b>    |                  |               |                  |               |                  |
| Cellulose (Trace)                             | Fibrous Glass (3 %)  | Synthetic (Trace)       |                  |               |                  |               |                  |
| <b>HMS-FEOC-SYS-F13216-16A</b>                | 11434726             |                         |                  |               |                  |               |                  |
| Layer: Brown Fibrous Material                 |                      |                         | <b>ND</b>        |               |                  |               |                  |
| Layer: Paint                                  |                      |                         | <b>ND</b>        |               |                  |               |                  |
| Total Composite Values of Fibrous Components: |                      | <b>Asbestos (ND)</b>    |                  |               |                  |               |                  |
| Cellulose (95 %)                              |                      |                         |                  |               |                  |               |                  |

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| Sample ID                                     | Lab Number | Asbestos Type        | Percent in Layer | Asbestos Type | Percent in Layer | Asbestos Type | Percent in Layer |
|---|------------|----------------------|------------------|---------------|------------------|---------------|------------------|
| <b>HMS-FEOC-SYS-F13216-17A</b>                | 11434727   |                      |                  |               |                  |               |                  |
| Layer: Grey Non-Fibrous Material              |            |                      |                  |               |                  |               | <b>ND</b>        |
| Total Composite Values of Fibrous Components: |            | <b>Asbestos (ND)</b> |                  |               |                  |               |                  |
| <b>HMS-FEOC-SYS-F13216-18A</b>                | 11434728   |                      |                  |               |                  |               |                  |
| Layer: Grey Non-Fibrous Material              |            |                      |                  |               |                  |               | <b>ND</b>        |
| Layer: Grey Fibrous Material                  |            |                      |                  |               |                  |               | <b>ND</b>        |
| Layer: Orange Non-Fibrous Material            |            |                      |                  |               |                  |               | <b>ND</b>        |
| Layer: Clear Mastic                           |            |                      |                  |               |                  |               | <b>ND</b>        |
| Layer: Grey Cementitious Material             |            |                      |                  |               |                  |               | <b>ND</b>        |
| Total Composite Values of Fibrous Components: |            | <b>Asbestos (ND)</b> |                  |               |                  |               |                  |
| Synthetic (45 %)                              |            |                      |                  |               |                  |               |                  |
| Comment: Bulk complex sample.                 |            |                      |                  |               |                  |               |                  |
| <b>HMS-FEOC-SYS-F13216-19A</b>                | 11434729   |                      |                  |               |                  |               |                  |
| Layer: Grey Fibrous Material                  |            |                      |                  |               |                  |               | <b>ND</b>        |
| Layer: Beige Tile                             |            |                      |                  |               |                  |               | <b>ND</b>        |
| Layer: Yellow Mastic                          |            |                      |                  |               |                  |               | <b>ND</b>        |
| Total Composite Values of Fibrous Components: |            | <b>Asbestos (ND)</b> |                  |               |                  |               |                  |
| Cellulose (Trace)                             |            |                      |                  |               |                  |               |                  |
| Synthetic (15 %)                              |            |                      |                  |               |                  |               |                  |
| <b>HMS-FEOC-SYS-F13216-20A</b>                | 11434730   |                      |                  |               |                  |               |                  |
| Layer: Beige Tile                             |            |                      |                  |               |                  |               | <b>ND</b>        |
| Layer: Yellow Mastic                          |            |                      |                  |               |                  |               | <b>ND</b>        |
| Total Composite Values of Fibrous Components: |            | <b>Asbestos (ND)</b> |                  |               |                  |               |                  |
| Cellulose (Trace)                             |            |                      |                  |               |                  |               |                  |
| <b>HMS-FEOC-SYS-F13216-21A</b>                | 11434731   |                      |                  |               |                  |               |                  |
| Layer: Yellow Mastic                          |            |                      |                  |               |                  |               | <b>ND</b>        |
| Layer: Tan Tile                               |            |                      |                  |               |                  |               | <b>ND</b>        |
| Layer: Yellow Mastic                          |            |                      |                  |               |                  |               | <b>ND</b>        |
| Total Composite Values of Fibrous Components: |            | <b>Asbestos (ND)</b> |                  |               |                  |               |                  |
| Cellulose (Trace)                             |            |                      |                  |               |                  |               |                  |
| Synthetic (Trace)                             |            |                      |                  |               |                  |               |                  |
| <b>HMS-FEOC-SYS-F13216-22A</b>                | 11434732   |                      |                  |               |                  |               |                  |
| Layer: Tan Baseboard                          |            |                      |                  |               |                  |               | <b>ND</b>        |
| Layer: White Mastic                           |            |                      |                  |               |                  |               | <b>ND</b>        |
| Layer: White Skimcoat/Joint Compound          |            |                      |                  |               |                  |               | <b>ND</b>        |
| Total Composite Values of Fibrous Components: |            | <b>Asbestos (ND)</b> |                  |               |                  |               |                  |
| Cellulose (7 %)                               |            |                      |                  |               |                  |               |                  |

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

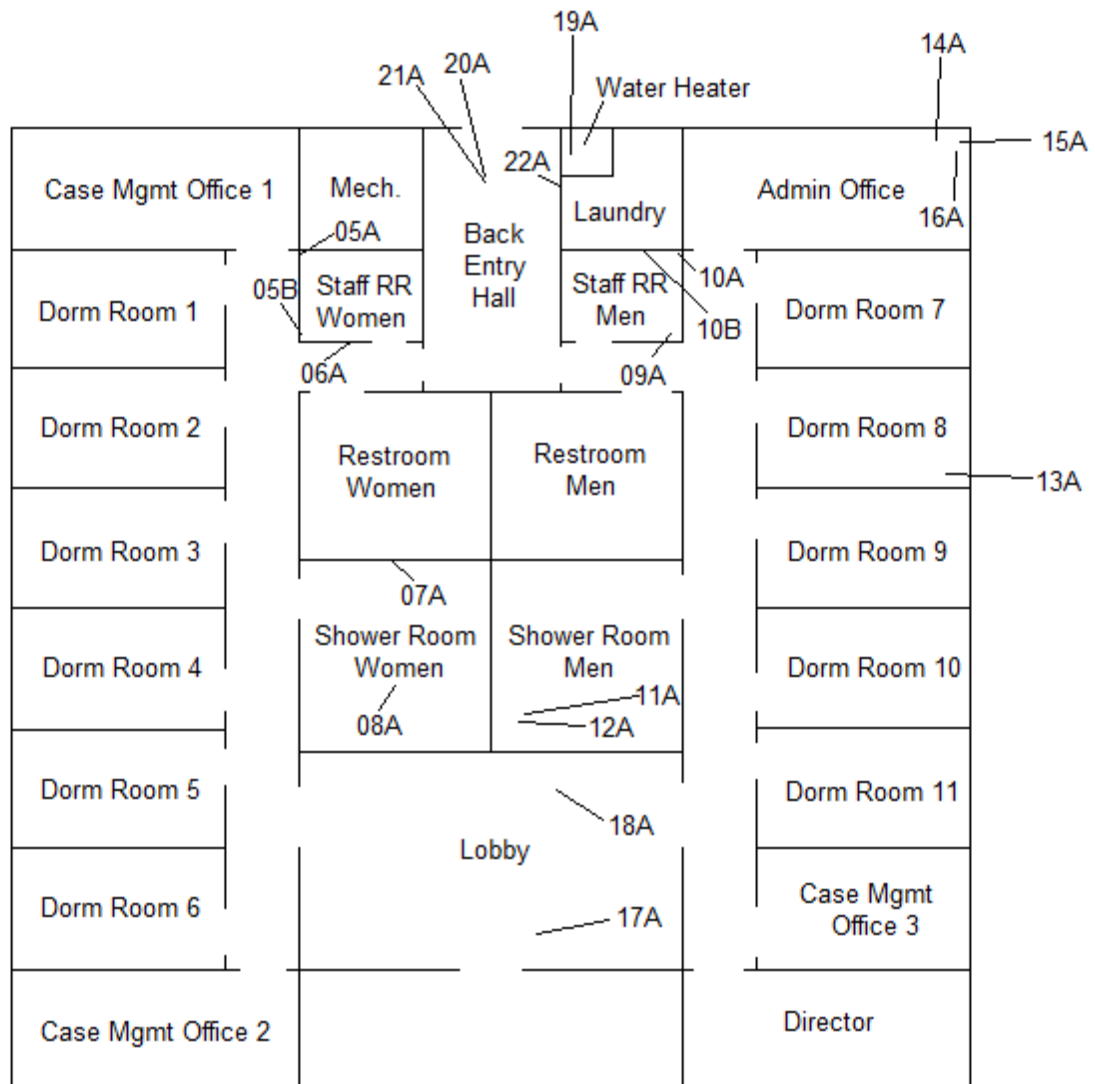
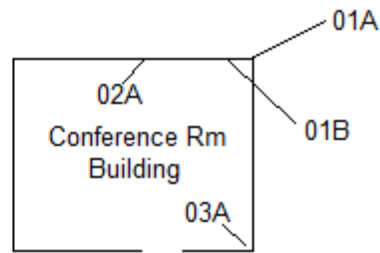
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Tad Thrower, Laboratory Supervisor, Hayward Laboratory

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

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1545 N Street, Fresno, CA

1/4" = 4'  
Drawing is not to  
exact scale

