

THE BOARD OF SUPERVISORS OF THE COUNTY OF STANISLAUS  
ACTION AGENDA SUMMARY

DEPT: Chief Executive Office

BOARD AGENDA # \*B-6

Urgent

Routine

AGENDA DATE October 1, 2013

CEO Concurs with Recommendation YES  NO   
(Information Attached)

4/5 Vote Required YES  NO

SUBJECT:

Approval to Negotiate and Execute an Agreement with the Modesto Regional Fire Authority for the Modesto Firefighter Training Symposium at the Honor Farm located at 8224 West Grayson Road, Modesto, California 95358

STAFF RECOMMENDATIONS:

Authorize the Project Manager to negotiate and execute a Temporary Use and Hold Harmless Agreement between the County of Stanislaus and the Modesto Regional Fire Authority for the October 2013 Modesto Firefighter Training Symposium at the former Honor Farm located at 8224 West Grayson Road, Modesto, California 95358

FISCAL IMPACT:

On June 18, 2013, the Board of Supervisors approved the Jail Staffing Plan for Transition services, which included shifting existing former Honor Farm Sheriff's Office staff to the new Unit No. 2, Jail Bed Replacement Project at the Public Safety Center. With the dedication of the Honor Farm Jail Bed Replacement on September 10, 2013, the former Honor Farm located at 8224 W. Grayson Road, Modesto, California was vacated by the Sheriff's Office. At the direction of the Board of Supervisors, the Project Manager will be seeking optimal solutions for closure and decommissioning of this now vacant facility over the next year.

(Continued on Page 2)

BOARD ACTION AS FOLLOWS:

No. 2013-488

On motion of Supervisor Withrow, Seconded by Supervisor O'Brien

and approved by the following vote,

Ayes: Supervisors: O'Brien, Withrow, Monteith, De Martini and Chairman Chiesa

Noes: Supervisors: None

Excused or Absent: Supervisors: None

Abstaining: Supervisor: None


1) X Approved as recommended

2) \_\_\_\_\_ Denied

3) \_\_\_\_\_ Approved as amended

4) \_\_\_\_\_ Other:

MOTION:



ATTEST: CHRISTINE FERRARO TALLMAN, Clerk

File No.

Approval of Agreement with Modesto Regional Fire Authority for the Modesto Firefighter Training Symposium at the Honor Farm located at 8224 West Grayson Road, Modesto, California 95358

Page 2

**FISCAL IMPACT: (Continued)**

Additionally, the Project Manager has issued a Request for Proposals (RFP) for expert consulting services to perform facility decommissioning and site clearance engineering and evaluations of the old Honor Farm. To advance this effort, the Board of Supervisors approved an allocation in Final Budget FY 2013-2014 from the Chief Executive Office Budget for this professional service and future remediation and decommissioning activities.

The Modesto Regional Fire Authority (MRFA), which is a Joint Powers Agency of which the County is a member along with the City of Modesto, and Salida Fire Protection District, has requested to use the vacated former Honor Farm as a training facility for the Modesto Firefighter Training Symposium. The MRFA will do hands-on training for engine company and truck company operations at the site. The Project Manager is requesting the Board of Supervisors approve an Agreement for use of the site with no direct cost exposure for the County. Approval of the Agreement will provide a beneficial, life safety training event for regional firefighting agencies.

**DISCUSSION:**

Background

On June 18, 2013, the Board of Supervisors approved the Jail Staffing Plan for Transition services, which included shifting existing former Honor Farm Sheriff's Office staff to the new Unit No. 2, Jail Bed Replacement Project at the Public Safety Center. With the dedication of the Honor Farm Jail Bed Replacement on September 10, 2013, the former Honor Farm located at 8224 W. Grayson Road, Modesto, California was vacated by the Sheriff's Office. The new 192 bed Honor Farm Jail Bed Replacement Facility (Unit No. 2) will meet final completion by mid-October 2013. Closure and decommissioning of the former Honor Farm at 8224 W. Grayson Road, Modesto economizes the County's Public Safety Services to two sites instead of three. The two remaining sites will be the Men's Downtown Jail and the Public Safety Center in Ceres, California.

Decommissioning of the old facility is currently in progress. Due to the likelihood of theft and vandalism of the vacant buildings at the Honor Farm site, the Project Manager recommended the County take action after it is vacated to seek remediation, demolition and site clearance to allow for future reuse opportunities. Additionally, the on-site waste water treatment plant (WWTP), unused water wells and utilities will be decommissioned as needed. The former shooting range located at Laird Park will also be officially closed and decommissioned as part of this effort.

The Project Manager was granted authority from the Board of Supervisors to issue a Request for Proposals to hire an expert consulting firm to provide plans and close-out

Approval of Agreement with Modesto Regional Fire Authority for the Modesto Firefighter Training Symposium at the Honor Farm located at 8224 West Grayson Road, Modesto, California 95358

Page 3

consulting services for the facility. Staff will return to the Board of Supervisors after proposals are received and evaluated with a recommendation for an expert consulting firm.

### Property Use Request

The Project Manager was contacted by the Modesto Regional Fire Authority (MRFA) to use the former Honor Farm facility as the site for the hands-on portion of the Modesto Firefighter Training Symposium. In its fourth year running, the MRFA Symposium provides classroom instruction and hands-on training for regional fire agencies. The Symposium provides workshops for officers, engine company operations and truck company operations. The hands on training will reinforce basic fire attack principles, residential search and rescue and forcible entry techniques. The symposium is highly valuable to the ongoing training of regional fire personnel in providing for the continued public safety of our communities.

Chief Executive Staff and Modesto Regional Fire Authority Training Officers have developed a plan to use the site to the highest level of fire training possible while preserving existing structures. The recommended plan will allow destructive training in Barracks 3 and Barracks 4 of the former Honor Farm, Destructive training refers to the forcible entry techniques, water flow training and interior structure fire situation training necessary for life safety in emergency situations. MRFA will clean and secure the buildings at the end of the training symposium, with the exception of the buildings in which destructive training is conducted. The Project Manager will be seeking to demolish these structures as part of future remediation and decommissioning project. The existing modular trailers, shop buildings, administration and kitchen areas will be preserved in place during the training symposium. The Symposium Plan does not include burning of structures.

The Modesto Regional Fire Authority is the largest provider of life safety fire protection and prevention services to County residents. A regional training opportunity is essential to preparing MRFA staff, and regional firefighting agencies, for the real world application of life safety techniques in providing services to our community.

It is recommended that a Temporary Use and Hold Harmless Agreement be executed between the County and the Modesto Regional Fire Authority. The Agreement will provide for the use of the former Honor Farm Facility together with the necessary preparation and cleanup of the site before and after the event, as well as a hold harmless agreement releasing the County from any liability from the Authority's use of the facility. A copy of the Draft Agreement is attached. The Agreement will be finalized when insurance is in place and the Modesto Regional Fire Authority Governing Board considers this request at their October 2, 2013 meeting.

Approval of Agreement with Modesto Regional Fire Authority for the Modesto Firefighter Training Symposium at the Honor Farm located at 8224 West Grayson Road, Modesto, California 95358

Page 4

### Schedule

The Modesto Firefighter Training Symposium at the former Honor Farm will occur on October 18, 2013. The MRFA Training Officers requested overall use of the site from October 4, 2013 to October 23, 2013 to allow for staging and cleanup. The request for use of the former Honor Farm Facility is recommended for approval.

### **POLICY ISSUES:**

All of the actions in this item will advance the Board of Supervisors' priority to strive for A Safe Community by providing a temporary facility for regional hands-on life safety training.

### **STAFFING IMPACTS:**

Existing Chief Executive Office staff will continue to manage the property and all aspects of the Agreement with the Modesto Regional Fire Authority for use of the County owned site.

### **CONTACT PERSON:**

Patricia Hill Thomas, Chief Operations Officer. Telephone: (209) 525-6333

## TEMPORARY USE AND HOLD HARMLESS AGREEMENT

This TEMPORARY USE AND HOLD HARMLESS AGREEMENT (“**Agreement**”) is entered into by and between the COUNTY OF STANISLAUS (“**County**”) and the MODESTO REGIONAL FIRE AUTHORITY (“**Authority**”) and is effective as of October 2, 2013 (“**Effective Date**”).

### RECITALS

WHEREAS, County has ceased its active use of the Honor Farm (“**Facility**”);

WHEREAS, Authority wishes to use Facility for a Symposium on October 18, 2013;

WHEREAS, Authority wishes to enter onto the Facility site during the period October 3, 2013 to October 23, 2013 for the purpose of preparing the Facility for the Symposium; delivering materials to the Facility site; removing materials from the Facility site following the Symposium; and clean-up of the Facility site following the Symposium;

WHEREAS, County’s Facility was built in 1955, and has not been recently modernized and is provided in an “as is” condition;

WHEREAS, many buildings built at the time the Facility was built contain asbestos, and as such, the Facility may contain asbestos and lead; attached to this Agreement as Exhibit “A” are the most recent reports for the Facility obtained by the County, including an asbestos sampling report, lead hazard evaluation report, and air sampling report;

WHEREAS, Authority has represented to County that Authority holds a \$1 million policy of commercial general liability insurance that will be applicable to the planned activities and has agreed to provide County with a Certificate of Insurance naming the County and its officers and Board of Supervisors as additional insureds;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, stipulated and agreed, the parties hereby agree as follows:

1. County is making the Facility available on an as is, where is, and no risk basis.
2. County makes no representations regarding the fitness of this Facility for the proposed use.
3. Authority agrees to name County, its officers and Board of Supervisors, as additional insureds and shall provide to the County a Certificate of Insurance evidencing a \$1 million policy of commercial general liability insurance applicable to the planned activities prior to commencing the planned activities.

4. Authority shall remove all of its materials and clean up and restore the Facility site to a reasonable condition following the Symposium, with the exception of those areas depicted on the site plan attached hereto as Exhibit "B" as undergoing "Destructive Training."

5. Authority shall confine its operations on the Facility site to those sites or areas depicted on the attached site plan and shall specifically avoid the blue shaded areas on the attached site plan, which are being used by the a contractor for the County Parks and Recreation department as a "lay down" area for Laird Park renovation work expected to occur at the same time as the Authority's use of the site.

6. Release: Authority, together with its assignees and successors, hereby releases and forever discharges County, together with its board members, employees, agents, contractors, consultants, predecessors, successors, insurers, sureties, indemnitors, attorneys and assigns ("Releasees"), of and from any and all claims, demands, actions, causes of action, obligations, liabilities, liens, taxes, losses, damages, fines, attorney's fees and expenses of every kind and nature whatsoever, whether known or unknown, suspected or unsuspected, fixed or contingent, accrued or unaccrued, based on law or equity, based on any subsequently enacted law, regulation or order, whether based on any and all rights of subrogation, indemnity or contribution, or whether based on personal injury, property damage or economic loss, which the Authority has or may have in the future against Releasees, in connection with Authority's use of the Facility and the Facility site.

7. In connection with the foregoing Release, and specifically with regard to the release of unknown claims, the Authority hereby waives any and all rights and claims which it might have by reason of Section 1542 of the Civil Code of the State of California which reads as follows:

A general release does not extend to claims which the creditor does not know or suspect to exist in his favor at the time of executing the release, which if known by him must have materially affected his settlement with the debtor.

8. Limitation of Liability: The Releasees shall not be liable or accountable in any manner for any and all claims, demands, actions, causes of action, obligations, liabilities, liens, taxes, losses, damages, fines, attorney's fees and expenses of every kind and nature whatsoever, whether known or unknown, suspected or unsuspected, fixed or contingent, accrued or unaccrued, based on law or equity, based on any subsequently enacted law, regulation or order, whether based on any and all rights of subrogation, indemnity or contribution, or whether based on personal injury, property damage or economic loss, which the Authority has or may have in the future against Releasees, in connection with or arising out of Authority's use of the Facility and the Facility site.

9. Indemnity: The Authority shall defend, indemnify and hold harmless Releasees from and against any and all claims, demands, actions, causes of action, obligations, liabilities, liens, taxes, losses, damages, fines, attorney's fees and expenses of every kind and nature whatsoever, whether known or unknown, suspected or unsuspected, fixed or contingent, accrued or unaccrued, based on law or equity, based on any subsequently enacted law, regulation or order, whether based on any and all rights of subrogation, indemnity or contribution, or whether

based on personal injury, property damage or economic loss, which the Authority or any third party(ies) have or may have in the future against Releasees, in connection with or arising out of Authority's use of the Facility and the Facility site

10. The foregoing release, limitation of liability and indemnity shall apply to the furthest extent permitted by law (including without limitation California Civil Code Section 2782) and even in the event of breach of contract, negligence (active or passive), fault or strict liability of the Releasees, except that the same shall not apply to any Releasee to the extent of its sole negligence or willful misconduct; nor shall they apply to County to the extent of its active negligence.

11. Miscellaneous. No provision of this Agreement may be modified or amended, nor shall any term be waived, except expressly in a writing signed by all parties hereto. Should any part, term or provision of this Agreement, be declared invalid, void or unenforceable, in general or in one or more specific instances, all remaining parts, terms and provisions of this Agreement shall remain in full force and effect in all other instances and shall in no way be invalidated, impaired or affected thereby. This Agreement may be executed in two or more counterparts, each of which shall be deemed to be an original, but all of which together shall constitute one and the same instrument, and (except as otherwise provided herein) shall be governed by California law.

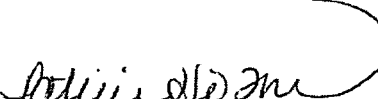
IN WITNESS WHEREOF, the parties hereto have executed this Amendment as of the Effective Date provided above.

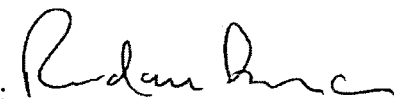
**COUNTY:**

**AUTHORITY:**

COUNTY OF STANISLAUS

MODESTO REGIONAL FIRE AUTHORITY

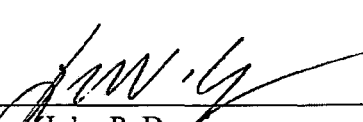
By:   
Name: Patricia H. Thomas  
Title: Chief Operations Officer  
Date: 10/3/13

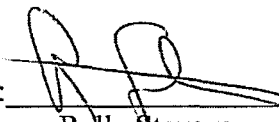
By:   
Name: RANDALL BRADLEY  
Title: FIRE CHIEF  
Date: 10/4/13

Approved as to Form and Legality:

COUNTY OF STANISLAUS

MODESTO REGIONAL FIRE AUTHORITY

By:   
Name: John P. Doering  
Title: County Counsel  
Date: 10/2/13

By:   
Name: Rolly Stevens  
Title: Legal Counsel  
Date: 10/3/13



Non-destructive Training:  
Perform searches w/smoke machines

Non-destructive Training:  
Perform searches w/ smoke machines  
or Re-hab

Destructive Training:  
Flow water in one shop

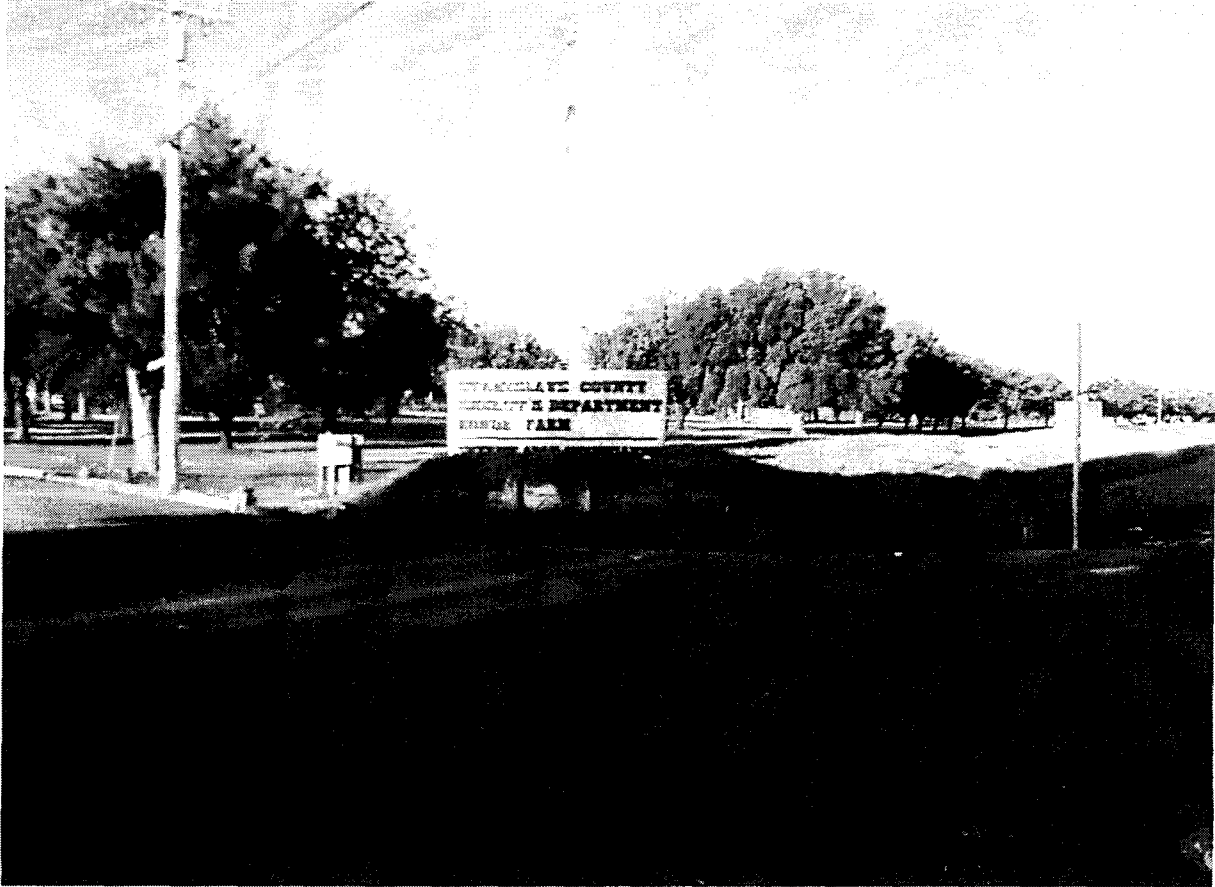


Non-destructive training:  
Use for Re-hab, lunch and registra-  
tion

Destructive Training:  
Flow water, attach props  
to walls

Destructive Training:  
Flow water, Breach  
walls, construct props  
for destruction





## ASBESTOS SAMPLING REPORT

Stanislaus County Sheriff's Department  
Honor Farm  
8224 West Grayson Rd., Modesto, CA 95358

PERFORMED BY:

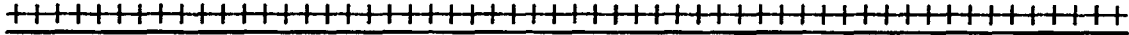
J. W. MACK CONSULTING  
July 8-9 -2013

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**ASBESTOS SAMPLING REPORT**

**STANISLAUS COUNTY SHERIFF'S DEPARTMENT HONOR FARM  
8224 W GRAYSON RD., MODESTO, CA 95358**

On 8-9 July 2013, J. W. Mack, a Certified Asbestos Consultant, C.A.C. # 97-2270, performed a sampling of suspected asbestos containing building materials (ACBM). The sampling was conducted at the request of Mr. Joshua Ewen, Assistant Management Consultant, Chief Executive Office of Stanislaus County.

The purpose of the sampling was to confirm or deny the existence of asbestos in suspected building materials that would be impacted by the demolition of buildings and structures at the Honor Farm. This is a requirement under the National Emissions Standard for Hazardous Air Pollutants (NESHAP) 40 CFR and the San Joaquin Valley Unified Air Pollution Control District prior to a renovation or demolition.

**PROPERTY DESCRIPTION**

The Honor Farm consists of a combination of permanent buildings, modular buildings, trailers, water tank, propane tank, a free standing freezer box, and a back-up generator. The buildings and trailers, for the purpose of clarification of this report, were assigned an individual number in addition to site reference names and will be described individually.

**# 1 Gee Classroom**

A single story modular building with a metal roof, approximately 900 sq. ft. that sits on the ground. The interior is carpeting on the floors over wood with a T-bar ceiling and sheetrock walls.

**# 2 Visitor's Trailer**

A double wide, 24'x60' trailer with a metal roof. The exterior is wood siding. It has a shade covered porch with comp roofing. The interior is tack-board walls with a T-bar ceiling, 2'x4' panels, and carpet on the floor. There is some fiberglass insulation above the ceilings and in the walls. There is sheetrock under tack-board, with no joint compound or skimcoat.

**# 3 Deputy Locker Room**

A single wide, 10'x45' trailer with a metal roof and metal exterior. The interior is sheetrock trimmed in wood with fiberglass insulation in the walls. There is carpet on the floor.

**# 4 Transition Trailer**

A single wide, 8'x20' trailer with a metal roof that is snow coated. The exterior is wood siding trimmed in wood. The interior is sheetrock, T-bar ceiling and with carpet on the floor.

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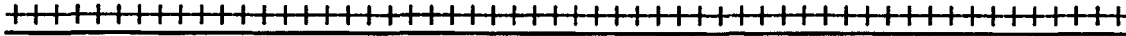
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Pg. 2

## **# 5 Lieutenant's Office Trailer**

A single wide, 12'x50' trailer with a metal snow coated roof, metal exterior siding. The interior walls are of sheetrock with wood laminate flooring and clay tiles in the restroom floor and T-bar ceiling.

## **# 6 Gazebo**

The gazebo has a 24' diameter made of wood with no walls and a comp shingle roof.

## **# 7 Deputy Restrooms**

A single story, 450' sq. ft. building sitting on a cement slab. The exterior and interior walls are of cementitious block. Ceilings are wood and no floor finishes.

## **# 8 Shops**

A single story, 40'x168' structure made out of metal with metal siding and metal roof. There is some sheetrock, approximately 200 sq. ft. located in the first bay. The entire structure has bare cement floors.

## **# 9 Weight Building**

A single story cementitious block (interior and exterior) building on a slab with a built up roof, approximately 1,600 sq. ft. It is utilized as a deputy weight workout room. It has sheetrock interior walls and ceilings.

## **# 10 Main Building**

Contains the control room, chow hall, and kitchen. It's a single story building on cement slab; approximately 6,200 sq. ft. The exterior walls are of cementitious block. Interior walls are cementitious block covered over with paint and skimcoat over wooden walls in the chow hall. There is some sheetrock in the armory in back of the control room. There are 12"x12" VFT floor tiles throughout the control room and chow hall. There are clay tiles in the kitchen.

## **# 11 Barracks 3**

It is a single story building on a cement slab with comp roofing on the main bunk room and built-up roofing over the shower room. Interior and exterior is of cementitious block walls with a wood ceiling, unfinished floors in the bunk room, and clay tiles on the floor of the shower room. Building is approximately 6,000 sq. ft.

## **# 12 Barracks 4**

It is a two story building on a cement slab. It is composed of three units with a central court yard. It has approximately 6,000 sq. ft. footprint. The interior of the barracks rooms are plaster with 12"x12" VFT floor

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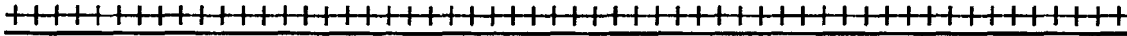
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Pg. 3

tile on the floor of the bunk rooms and clay tile in the shower rooms. All rooms, first and second floor, are homogenous. There is sheetrock on the walls of the mechanical room. The TSI in the mechanical room is fiberglass. It has a built-up roof.

## # 13 Deputy Trailer

It is a single wide 10'x20' trailer. It has wooden exterior with a metal roof. The interior is painted wooden walls. It has 12"x12" VFT floor tiles homogenous to Barracks 4 on the floor.

## # 14 Green House

It has cementitious block walls, fiberglass roof and no floor.

## # 15 Free Standing Metal Shade Cover

## # 16 Medical Trailer

It is a single wide, 10'x45' trailer. It has wooden exterior siding and metal roof. Wood paneling inside that has been skim coated and a T-bar ceiling. It is homogenous to other trailers.

## # 17 Clothing Building

It is a single story site built building. It has wood exterior siding on cement slab with a metal roof. No interior finishes, approximately 800 sq. ft.

## # 18 Break Room Trailer

It is a single wide 10'x60' trailer. It has a wooden exterior siding with a metal roof. The interior is T-bar ceiling, wood paneling on the walls, and a wooden parquet floor.

## # 19 Storage Building

It is a metal framed building with a metal roof and approximately 2,000 sq. ft.

## # 20 Free Standing Metal Shade Cover

## # 21 Old Green House

It has cementitious block walls, with fiberglass roof and siding.

## # 22 Wooden Shade Structure

Metal roof with no walls.

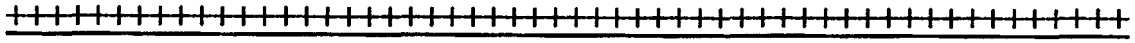


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Pg. 4

## Water Tank

Metal tank, 27' high with a 38' diameter.

## Propane Tank

Metal pressure tank, 34' length with an 8' diameter.

## LABORATORY ANALYSIS OF SAMPLES

The following samples were collected and placed under a chain-of-custody and shipped via FedEx to Forensic Analytical, 3777 Depot Rd., Suite 409, Hayward, CA 94545, an accredited ELAP/NVLAP/AIHI laboratory for analysis by EPA Method 600/R-93-116, visual area estimation (PLM). (See attached laboratory analysis, chain-of-custody, and photos. Paints were analyzed as component parts of other samples.)

## SAMPLING

### Roofs

R-1-1	Gee Modular-seaming material (Approx. 30 sq. ft.)	2% Chrysotile Asbestos
R-2-2	Visitor's Trailer-rubber seams and joints	No Asbestos Detected
R-3-3	Staff Locker Room Trailer-silver paint (Approx. 450 sq. ft.)	2% Chrysotile Asbestos
R-4-4	Operations Office Trailer/Transition Trailer-silver paint over metal	No Asbestos Detected
R-5-5	Adjutant's Office Trailer/Lt. Office-coating over metal roofing (Approx. 600 sq. ft.)	3% Chrysotile Asbestos
R-6-6	Comp roofing-all layers-Gazebo roof	No Asbestos Detected
R-7-7	Comp roofing-Staff Restrooms roof	No Asbestos Detected
R-8-7	Tarpaper under R-7-7	No Asbestos Detected
R-9-8	Shop metal roof coating-north end	No Asbestos Detected
R-10-8	Shop metal roof coating-south end	No Asbestos Detected
R-11-9	Weight Room-built-up roofing	No Asbestos Detected
R-12-9	Weight Room-built-up roofing	No Asbestos Detected
R-13-9	Weight Room-roof jack mastic (Approx. 25 sq. ft.)	7% Chrysotile Asbestos
R-14-10	Main Building-built-up roofing-kitchen	No Asbestos Detected
R-15-10	Main Building-built-up roofing-north end	No Asbestos Detected
R-16-10	Main Building-built-up roofing-center of roof (top layer)	No Asbestos Detected
R-17-10	Main Building-built-up roofing-center of roof (bottom layer)	No Asbestos Detected
R-18-10	Main Building-roof jack mastic-a/c units	No Asbestos Detected
R-19-10	Main Building-roof jack mastic-east side vents	No Asbestos Detected
R-20-10	Main Building-built-up roofing-west side (top layer)	No Asbestos Detected
R-21-10	Main Building-built-up roofing-east side (bottom layer)	No Asbestos Detected
R-22-10	Main Building-built-up roofing-west side (top layer)	No Asbestos Detected
R-23-10	Main Building-built-up roofing-west side (bottom layer)	No Asbestos Detected

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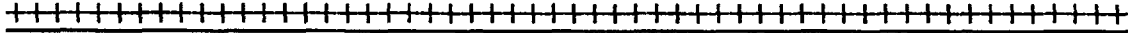
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Pg. 5

R-24-11 Barracks 3-comp roofing-top layer	No Asbestos Detected
R-25-11 Barracks 3-tarpaper under comp roofing	No Asbestos Detected
R-26-11 Barracks 3-comp roofing-north end	No Asbestos Detected
R-27-11 Barracks 3-comp roofing-south end	No Asbestos Detected
R-28-11 Barracks 3-comp roofing-2 <sup>nd</sup> layer-south end	No Asbestos Detected
R-29-11 Barracks 3-tarpaper under comp roofing-west end	No Asbestos Detected
R-30-11 Barracks 3-built-up roofing-west side over shower room	No Asbestos Detected
R-31-11 Barracks 3-built-up roofing-bottom layer west side over shower room	No Asbestos Detected
R-32-11 Barracks 3-built-up roofing-over shower room	No Asbestos Detected
R-33-11 Barracks 3-roof jack mastic-vent-north	No Asbestos Detected
R-34-11 Barracks 3-roof jack mastic-vent-south	No Asbestos Detected
R-35-12 Barracks 4-built-up roofing-north	No Asbestos Detected
R-36-12 Barracks 4-built-up roofing-south	No Asbestos Detected
R-37-12 Barracks 4-built-up roofing-east	No Asbestos Detected
R-38-12 Barracks 4-built-up roofing tarpaper-west	No Asbestos Detected
R-39-12 Barracks 4-built-up roofing tarpaper-bottom layer-west	No Asbestos Detected
R-40-12 Barracks 4-roof jack mastic-vents	No Asbestos Detected
R-1-16 Medical Trailer-metal roof coating (Approx. 450 sq. ft.)	2% Chrysotile Asbestos
R-2-16 Medical Trailer Porch-comp roofing	No Asbestos Detected
R-3-0 Shade covers between buildings and porches-comp roofing	No Asbestos Detected
R-4-0 Shade covers-comp roofing-tarpaper-bottom layer	No Asbestos Detected
R-5-18 Break Room Trailer-roof seaming/coating material (Approx. 600 sq. ft.)	2% Chrysotile Asbestos
R-6-19/20 Storage Building-rubber seaming material	No Asbestos Detected

## Interior / Exterior of Buildings

A-1 Sheetrock/skimcoat-Barracks 4-west mechanical room	No Asbestos Detected
A-2 Sheetrock/skimcoat-Barracks 4-north mechanical room	No Asbestos Detected
A-3 Sheetrock/skimcoat-Barracks 4-center mechanical room	No Asbestos Detected
A-4 12"x12" Lt. Brown VFT/black mastic-Barracks 4-Room L	No Asbestos Detected
A-5 12"x12" Gray VFT/yellow mastic-Barracks 4-Room L	No Asbestos Detected
A-6 12"x12" Off-white VFT-yellow mastic-Barracks 4-Room L	No Asbestos Detected
A-7 Clay tile/grout-Barracks 4-shower room floors-Room L	No Asbestos Detected
A-8 Mortar base under clay tile-Barracks 4-shower room-Room L	No Asbestos Detected
A-9 Ext. plaster-Barracks 4-north	No Asbestos Detected
A-10 Ext. plaster-Barracks 4-south	No Asbestos Detected
A-11 Clay floor tile/grout-Barracks 3-shower room	No Asbestos Detected
A-12 Sheetrock/skimcoat-Medical trailer	No Asbestos Detected
A-13 Ext. plaster-Barracks 3-south	No Asbestos Detected
A-14 Ext. plaster-Barracks 3-north	No Asbestos Detected
A-15 Carpet/carpet mastic-Gee Modular	No Asbestos Detected
A-16 Sheetrock/skimcoat-Gee Modular-north wall	No Asbestos Detected

# J. W. MACK CONSULTING

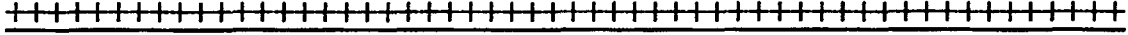
1502 GLENN AVENUE  
MODESTO, CA 95358

RESIDENTIAL AND COMMERCIAL  
ASBESTOS

LEAD/BASED PAINT

ENVIRONMENTAL CONSULTING

PHONE AND FAX  
(209) 581-9646



Pg. 6

A-17	Sheetrock/skimcoat-Gee Modular-south wall	No Asbestos Detected
A-18	2'x4' acoustical ceiling panels-T-bar ceiling-Gee Modular	No Asbestos Detected
A-19	2'x4' acoustical ceiling panels-T-bar ceiling-Visitor's Trailer	No Asbestos Detected
A-20	Sheetrock under tack board-Visitor's Trailer	No Asbestos Detected
A-21	Ceiling plaster-Staff Locker Rm. Trailer	No Asbestos Detected
A-22	Sheetrock/skimcoat-Staff Locker Rm. Trailer	No Asbestos Detected
A-23	Sheetrock/skimcoat-Women's side-Locker Room Trailer	No Asbestos Detected
A-24	Sheetrock/skimcoat-interior walls-Transition Trailer	No Asbestos Detected
A-25	Ceiling plaster-Admin. (Lieutenant) Office Trailer	No Asbestos Detected
A-26	Sheetrock/skimcoat-Lieutenant Office Trailer-east end	No Asbestos Detected
A-27	Sheetrock/skimcoat-Lieutenant Office Trailer-restroom wall	No Asbestos Detected
A-28	Clay tile/grout-Lieutenant Office Trailer-restroom floor	No Asbestos Detected
A-29	Mortar base under clay tile-Lieutenant Office Trailer-restroom floor	No Asbestos Detected
A-30	Sheetrock/skimcoat-Lieutenant Office Trailer-hallway	No Asbestos Detected
A-31	Ext. block walls-Staff Restroom Bldg.	No Asbestos Detected
A-32	12"x12" VFT/black mastic-Main Bldg. Control Room Bldg.	No Asbestos Detected
A-33	Clay floor tiles-Main Bldg. Main Control room	No Asbestos Detected
A-34	Sheetrock/skimcoat-Main Bldg. Armory locker	No Asbestos Detected
A-35	12"x12" VFT/yellow mastic-Chow Hall	No Asbestos Detected
A-36	12"x12" Black VFT/yellow mastic-Kitchen floor	No Asbestos Detected
A-37	12"x12" White VFT/tan mastic-Kitchen floor	No Asbestos Detected
A-38	Clay tile/mortar-Kitchen floor	No Asbestos Detected
A-39	Ext. block walls-Main Bldg.-west	No Asbestos Detected
A-40	Ext. block walls-Main Bldg.-south	No Asbestos Detected
A-41	Skimcoat over wooden walls-Chow Hall-north	No Asbestos Detected
A-42	Skimcoat over wooden walls-Chow Hall-south	No Asbestos Detected
A-43	Ext. block walls-Weight Room	No Asbestos Detected
A-44	Sheetrock/skimcoat-Weight Room-north	No Asbestos Detected
A-45	Sheetrock/skimcoat-Weight room-restroom wall	No Asbestos Detected
A-46	Sheetrock/skimcoat-Work shop/welding shop-wall	No Asbestos Detected

## EXECUTIVE SUMMARY

Based on laboratory analysis of samples, there is asbestos in the following:

Bldg. 1	Gee Classroom	Approximately 25 sq. ft. over the bolts on the roof.
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This material would need to be removed prior to demolition.

Bldg. 3	Deputy Locker Room Trailer	Approximately 450 sq. ft. in roof coating.
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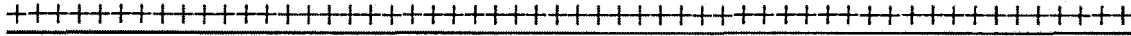
Bldg. 5	Lieutenant's Office Trailer	Approximately 600 sq. ft. in roof coating.
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**J. W. MACK CONSULTING**

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Pg. 7

Bldg. 9            Weight Building            Approximately 60 sq. ft. in roof jack mastic.

This material would have to be removed prior to demolition of the building.

Bldg. 16            Medical Trailer            Approximately 450 sq. in roof coating.

Bldg. 18            Break Trailer            Approximately 600 sq. ft. in roof coating.

There is approximately 30 sq. ft. of 9"x9" VFT (vinyl floor tile) on an exposed concrete slab by the visitor's bridge. (This material should be properly removed and disposed of by a California licensed abatement contractor prior to demolition of the slab.

All of these materials are non-friable but have the potential to become friable if impacted by a mechanical means in the course of demolition.

The trailers can be moved in an intact condition with the asbestos roof coatings in place.

If the trailers are going to be demoed at their current location, the roof coatings would have to be removed and disposed of by a California licensed abatement contractor following all applicable laws and regulations.

When impacting asbestos, a California licensed abatement contractor following all applicable laws and regulations to removal and disposal should be utilized.

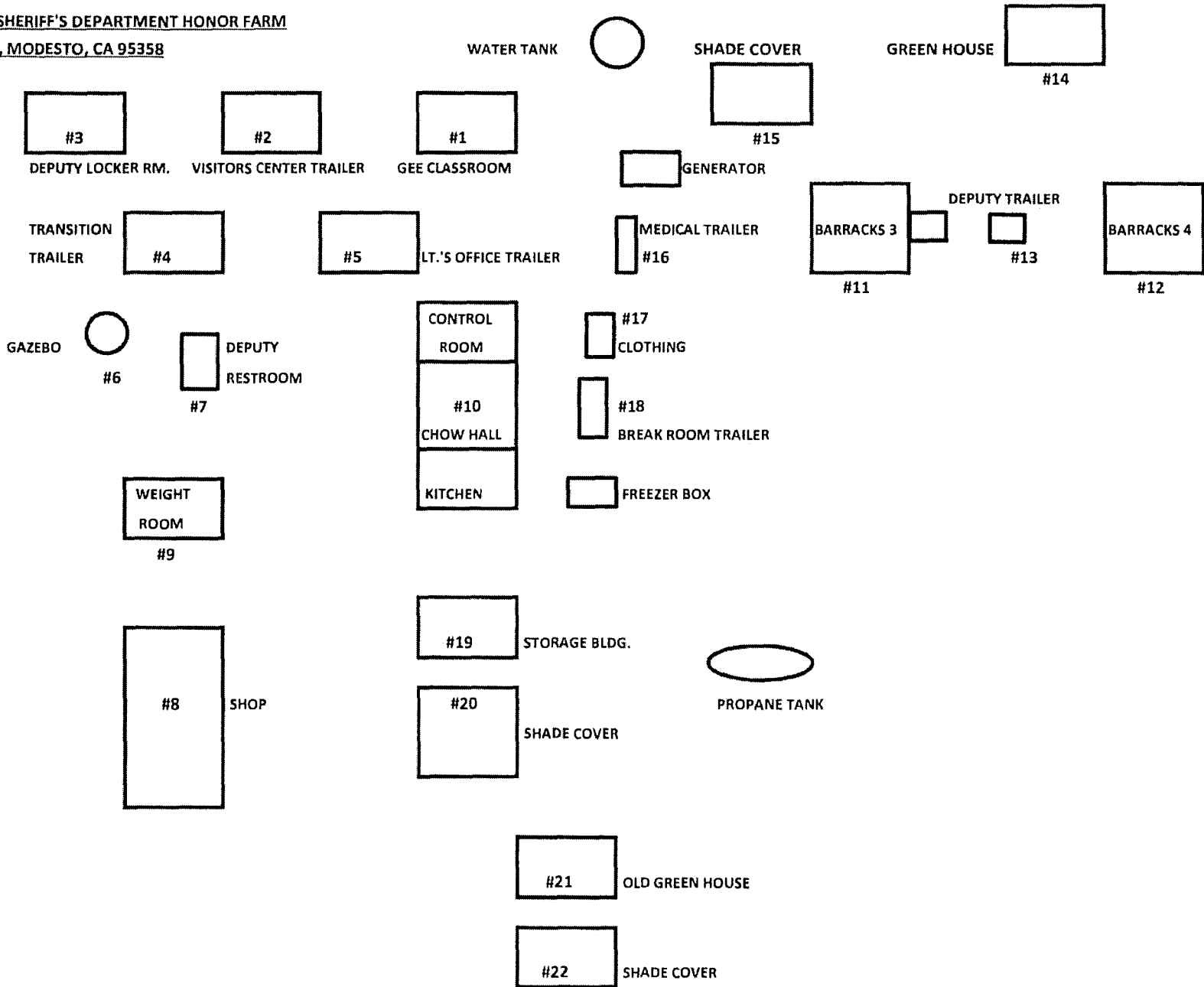
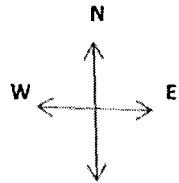
J. W. Mack

C.A.C. # 97-2270



# **SITE LAYOUT**

**STANISLAUS COUNTY SHERIFF'S DEPARTMENT HONOR FARM**  
**8224 W GRAYSON RD., MODESTO, CA 95358**



**HONOR FARM**  
**LABORATORY ANALYSIS AND**  
**CHAIN-OF-CUSTODY**



# Bulk Asbestos Analysis

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

JW Mack Consulting  
J.W. Mack  
1502 Glenn Ave.  
  
Modesto, CA 95358

**Client ID:** 4405  
**Report Number:** B179554  
**Date Received:** 07/11/13  
**Date Analyzed:** 07/12/13  
**Date Printed:** 07/12/13  
**First Reported:** 07/12/13

**Job ID/Site:** Honor Farm, Roof's

**FALI Job ID:** 4405

**Date(s) Collected:** 07/08/2013

**Total Samples Submitted:** 40

**Total Samples Analyzed:** 40

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
<b>R-1-1</b>	11400843						
Layer: Grey Semi-Fibrous Material		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		<b>Asbestos (2%)</b>					
Cellulose (Trace)		Synthetic (5 %)					
<b>R-2-2</b>	11400844						
Layer: Off-White Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (Trace)							
<b>R-3-3</b>	11400845						
Layer: Silver Paint		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		<b>Asbestos (2%)</b>					
Cellulose (Trace)							
<b>R-4-4</b>	11400846						
Layer: Silver Paint			ND				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (Trace)							
<b>R-5-5</b>	11400847						
Layer: Silver Paint			ND				
Layer: Off-White Non-Fibrous Material			ND				
Layer: Beige Non-Fibrous Material		Chrysotile	3 %				
Total Composite Values of Fibrous Components:		<b>Asbestos (Trace)</b>					
Cellulose (Trace)							
<b>R-6-6</b>	11400848						
Layer: Black Roof Shingle			ND				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (5 %)		Fibrous Glass (45 %)					
<b>R-7-7</b>	11400849						
Layer: Black Roof Shingle			ND				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (5 %)		Fibrous Glass (45 %)					



Client Name: JW Mack Consulting

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
<b>R-8-7</b>	11400850						
Layer: Black Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (85 %)							
<b>R-9-8</b>	11400851						
Layer: Off-White Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
<b>R-10-8</b>	11400852						
Layer: Off-White Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
<b>R-11-9</b>	11400853						
Layer: Silver Paint			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace) Fibrous Glass (5 %) Synthetic (35 %)							
<b>R-12-9</b>	11400854						
Layer: Silver Paint			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace) Fibrous Glass (5 %) Synthetic (35 %)							
<b>R-13-9</b>	11400855						
Layer: Black Mastic		Chrysotile	7 %				
Total Composite Values of Fibrous Components:		Asbestos (7%)					
Cellulose (Trace) Synthetic (3 %)							
<b>R-14-10</b>	11400856						
Layer: White Roof Shingle			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %) Fibrous Glass (45 %)							
<b>R-15-10</b>	11400857						
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace) Fibrous Glass (60 %)							
<b>R-16-10</b>	11400858						
Layer: White Roof Shingle			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %) Fibrous Glass (45 %)							

Client Name: JW Mack Consulting

Report Number: B179554

Date Printed: 07/12/13

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
<b>R-17-10</b>	11400859						
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)		Fibrous Glass (60 %)					
<b>R-18-10</b>	11400860						
Layer: Black Mastic			ND				
Layer: White Roof Shingle			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %)		Fibrous Glass (40 %)					
<b>R-19-10</b>	11400861						
Layer: Black Mastic			ND				
Layer: White Roof Shingle			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %)		Fibrous Glass (40 %)					
<b>R-20-10</b>	11400862						
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)		Fibrous Glass (60 %)					
<b>R-21-10</b>	11400863						
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)		Fibrous Glass (60 %)					
<b>R-22-10</b>	11400864						
Layer: White Roof Shingle			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %)		Fibrous Glass (45 %)					
<b>R-23-10</b>	11400865						
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)		Fibrous Glass (60 %)					
<b>R-24-11</b>	11400866						
Layer: Orange Roof Shingle			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %)		Fibrous Glass (45 %)					
<b>R-25-11</b>	11400867						
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (85 %)							
<b>R-26-11</b>	11400868						
Layer: Black Roof Shingle			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %)		Fibrous Glass (45 %)					

Client Name: JW Mack Consulting

Report Number: B179554

Date Printed: 07/12/13

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
R-27-11	11400869						
Layer: Orange Roof Shingle			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %) Fibrous Glass (45 %)							
R-28-11	11400870						
Layer: Grey Roof Shingle			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %) Fibrous Glass (45 %)							
R-29-11	11400871						
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (85 %)							
R-30-11	11400872						
Layer: White Roof Shingle			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %) Fibrous Glass (45 %)							
R-31-11	11400873						
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (85 %)							
R-32-11	11400874						
Layer: Silver Paint			ND				
Layer: Black Semi-Fibrous Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace) Synthetic (10 %)							
R-33-11	11400875						
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %)							
R-34-11	11400876						
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %)							
R-35-12	11400877						
Layer: White Roof Shingle			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %) Fibrous Glass (45 %)							
R-36-12	11400878						
Layer: White Roof Shingle			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %) Fibrous Glass (45 %)							

Client Name: JW Mack Consulting

Report Number: B179554

Date Printed: 07/12/13

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
R-37-12	11400879						
Layer: White Roof Shingle			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %)      Fibrous Glass (45 %)							
R-38-12	11400880						
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Fibrous Glass (70 %)							
R-39-12	11400881						
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Fibrous Glass (70 %)							
R-40-12	11400882						
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %)							

*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'.

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.



Forensic Analytical Laboratories, Inc.

Analysis Request Form (COC)

Company Name & Address: JW. MACK CONSULTING 1502 GLENN AVE. MODESTO CA, 95358		PO / Job#:	Date: 7-10-13
Contact: JW MACK		Turn Around Time: Same Day / <input checked="" type="checkbox"/> 1Day / 2Day / 3Day / 4Day / 5Day	
Phone: 290-581-9646	Fax: 209-581-9646	<input type="checkbox"/> PCM: <input type="checkbox"/> NIOSH 7400A / <input type="checkbox"/> NIOSH 7400B <input type="checkbox"/> Rotometer	
E-mail: jwmackcon@aol.com		<input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 - 1000 / <input type="checkbox"/> CARB 435	
Site: HONOR FARM.		<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield <input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Weight % <input type="checkbox"/> TEM Microvac: <input type="checkbox"/> Qual(+/-) / <input type="checkbox"/> D5755(stn/area) / <input type="checkbox"/> D5756(stn/mass)	
Site Location: Roofs		<input type="checkbox"/> IAQ Particle Identification (PLM LAB) <input type="checkbox"/> PLM Opaques/Boat <input type="checkbox"/> Particle Identification (TEM LAB) <input type="checkbox"/> Special Project	
Comments: Asbestos Bulk Samples.		<input type="checkbox"/> Metals Analysis: Method: Matrix: Analytes:	

Report Via:  Fax  E-Mail  Verbal

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY				Sample Area / Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
R-1-1	7/8	GEE Trailer/Robber	A P C	Seam Bot CORN Material			
R-2-2	7/8	Visor Trailer/Robber	A P C	Seam's and joint			
R-3-3	7/8	Staff Locker Room's	A P C	Trailer Paint Shop cont.			
R-4-4	7/8	OPP OFFICE TRAILOR	A P C	Paint over metal			
R-5-5	7/8	Adment office trailer	A P C	Coating over metal			
R-6-6	7/8	Comp Roofing	A P C	922/60			
R-7-7	7/8	Staff R.R. Comp Roofing	A P C	TOP / 1244R			
R-8-7	7/8	tar paper under R-7	A P C	Bottom Layer			
R-9-8	7/8	Shop Roof Centing	A P C	North			
R-10-8	7/8	Shop Roofing Conting	A P C	South end			

Sampled By: JWMack Date: 7/8/13 Time: 0800

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

Relinquished By: JWMack	Relinquished By:	Relinquished By:
Date / Time: 7/10/13 1500	Date / Time:	Date / Time:
Received By: [Signature]	Received By:	Received By:
Date / Time: 7-11-13 @ 10am	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

<b>Company Name &amp; Address:</b> JW MACK CONSULTING 1502 GLENN AVE. MODESTO CA, 95358		<b>PO/Job#:</b>	<b>Date:</b> 7-10-13
<b>Contact:</b> JW MACK		<b>Turn Around Time:</b> Same Day / <u>(1Day)</u> / 2Day / 3Day / 4Day / 5Day	
<b>Phone:</b> 290-581-9646		<input type="checkbox"/> PCM; <input type="checkbox"/> NIOSH 7400A / <input type="checkbox"/> NIOSH 7400B <input type="checkbox"/> Rotometer	
<b>E-mail:</b> jwmackcon@aol.com		<input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Pulse Count 400 - 1000 / <input type="checkbox"/> CARB 435	
<b>Site:</b> HONOR FARM		<input type="checkbox"/> TEM Air; <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamaz2 / <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> TEM Bulk; <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield <input type="checkbox"/> TEM Water; <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Weight % <input type="checkbox"/> TEM Microvac; <input type="checkbox"/> Qual(+/-) / <input type="checkbox"/> DS755(sth/area) / <input type="checkbox"/> DS756(sth/mass)	
<b>Site Location:</b> Roofs.		<input type="checkbox"/> IAQ Particle Identification (PLM LAB) <input type="checkbox"/> PLM Opacua/Soot <input type="checkbox"/> Particle Identification (TEM LAB) <input type="checkbox"/> Special Project	
<b>Comments:</b> Asbestos Bulk Samples		<input type="checkbox"/> Metals Analysis: Method: _____ Matrix: _____ Analytes: _____	

Report Via:  Fax  E-Mail  Verbal

Sample ID	Date/Time	Sample Location / Description	FOR AIR SAMPLES ONLY				Sample Area / Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
R-11-9	7/8	Bit up Roofing	A P C	Wt. Room	Bldg. #9		
R-12-9	7/8	Bit up Roofing	A P C	Wt. Room	Bldg. #9		
R-13-9	7/8	Roof Jack mastic	A P C	Wt. Room	Bldg. #9		
R-14-10	7/8	Bit up Roofing Top/Layer	A P C	Kitchen	North side		
R-15-10	7/8	Bit up Roofing Bottom Layer	A P C	North	West		
R-16-10	7/8	Bit up Roofing top layer	A P C	Center	Roof		
R-17-10	7/8	Bit up Roofing Bottom Layer	A P C	Center	Roof		
R-18-10	7/8	Black Roof mastic	A P C	Cond	AC units		
R-19-10	7/8	Black mastic Roof	A P C	East	Vents		
R-20-10	7/8	Bit up Roofing TOP	A P C	East	West side		

Sampled By: JW MACK Date: 7/8/13 Time: 0800

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

Relinquished By: <u>JW MACK</u> Date/Time: <u>7/10/13 1500</u>	Relinquished By: Date/Time:	Relinquished By: Date/Time:
Received By: <u>[Signature]</u> Date/Time: <u>7-11-13 @ 10am</u>	Received By: Date/Time:	Received By: 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

Company Name & Address: JW. MACK CONSULTING 1502 GLENN AVE. MODESTO CA, 95358		PO / Job#:	Date: 7-10-13
Contact: JW MACK		Turn Around Time: Same Day / <input checked="" type="checkbox"/> Day / 2Day / 3Day / 4Day / 5Day	
Phone: 290-581-9646	Fax: 209-581-9646	<input type="checkbox"/> PCM: <input type="checkbox"/> NIOSH 7400A / <input type="checkbox"/> NIOSH 7400B <input type="checkbox"/> Rotometer	
E-mail: jwmackcon@aol.com		<input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 - 1000 / <input type="checkbox"/> CARB 435	
Site: Honor Farm		<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yarnsto2 / <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield <input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Weight % <input type="checkbox"/> TEM Microvac: <input type="checkbox"/> Qual(+/-) / <input type="checkbox"/> D5755(st/area) / <input type="checkbox"/> D5756(st/mass)	
Site Location: Roofs		<input type="checkbox"/> IAQ Particle Identification (PLM LAB) <input type="checkbox"/> PLM Opques/Soot <input type="checkbox"/> Particle Identification (TEM LAB) <input type="checkbox"/> Special Project	
Comments: Asbestos Bulk Samples		<input type="checkbox"/> Metals Analysis: Method: Matrix: Analytic:	

Report Via:  Fax  E-Mail  Verbal

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY				Sample Area / Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
R-21-10	7/8	Bilt up Roofing Bottom	A P C	Layer Bottom			
R-22-10	7/8	Bilt up Roofing	A P C	TOP Layer West side	sample # 4		
R-23-10	7/8	Bilt up Roofing	A P C	Bottom Layer	#4		
R-24-11	7/8	Camp Roofing Bar # 3	A P C	top layer-			
R-25-11	7/8	Tar paper Under R-24	A P C	Bottom layer			
R-26-11	7/8	Camp Roofing Bar # 3	A P C	AND With Layer			
R-27-11	7/8	Camp Roofing Top Bar # 3	A P C	South			
R-28-11	7/8	Camp Roofing Bar # 3	A P C	IND Layer			
R-29-11	7/8	Pepper Bottom layer	A P C				
R-30-11	7/8	Baracks #3 Bilt up Roofing	A P C	West Side	RR area of Bldg		

Sampled By: JW Mack		Date: 7/8/13	Time: 0800
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: JW Mack	Relinquished By:	Relinquished By:	
Date/Time: 7/10/13 1500	Date/Time:	Date/Time:	
Received By: [Signature]	Received By:	Received By:	
Date/Time: 7-11-13 @ 10am	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	



Company Name & Address: JW. MACK CONSULTING 1502 GLENN AVE. MODESTO CA, 95358		PO / Job#:	Date: 7-10-13
Contact: JW MACK		Turn Around Time: Same Day / <input checked="" type="checkbox"/> Day / 2Day / 3Day / 4Day / 5Day	
Phone: 290-581-9646	Fax: 209-581-9646	<input type="checkbox"/> PCM: <input type="checkbox"/> NIOSH 7400A / <input type="checkbox"/> NIOSH 7400B <input type="checkbox"/> Rotometer	
E-mail: jwmackcon@aol.com		<input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400-1000 / <input type="checkbox"/> CARB 435	
Site: HONOR FARM		<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamase2 / <input type="checkbox"/> NIOSH 7402	
Site Location: Roofs		<input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield	
		<input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Weight %	
		<input type="checkbox"/> TEM Microvac: <input type="checkbox"/> Qual(+/-) / <input type="checkbox"/> D5755(str/area) / <input type="checkbox"/> D5756(str/mass)	
		<input type="checkbox"/> IAQ Particle Identification (PLM LAB) <input type="checkbox"/> PLM Opaques/Soot	
		<input type="checkbox"/> Particle Identification (TEM LAB) <input type="checkbox"/> Special Project	
		<input type="checkbox"/> Metals Analysis: Method:	
		Matrix:	
		Analytes:	

Comments: Asbestos Bulk Samples

Report Via:  Fax  E-Mail  Verbal

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY				Sample Area / Air Volume
			Type	Time On/Off	Avg LPM	Total Time	
R-31-11	7/8	Belt up Roofing BARRACKS 3	A P C	Bottom Layer	RR's		
R-32-11	7/8	Belt up Roofing BARRACKS	A P C	#3	RR		
R-33-11	7/8	Vent Mastie BARRACKS	A P C	#3	North		
R-34-11	7/8	Vent Mastie BARRACKS	A P C	#3	South		
R-35-12	7/8	Belt up Roofing Barr.	A P C	#4	North		
R-36-12	7/8	Belt up Roofing Barr.	A P C	#4	South		
R-37-12	7/8	Belt up Roofing Barr x	A P C	#4	East		
R-38-12	7/8	Belt up Roofing Barr x	A P C	#4	West - Papper		
R-39-12	7/8	Belt up Roofing Barr x	A P C	#4	Papper Bottom Layer		
R-40-12	7/8	Roof Jact Mastie	A P C	Barr #4	Vents		

Sampled By: JWMack Date: 7-8-13 Time: 0800

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

Relinquished By: JWMack	Relinquished By:	Relinquished By:
Date / Time: 7/10/13 1500	Date / Time:	Date / Time:
Received By: [Signature]	Received By:	Received By:
Date / Time: 7-11-13 @ 10am	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





Forensic Analytical Laboratories, Inc.

Analysis Request Form (COC)

Company Name & Address: JW. MACK CONSULTING 1502 GLENN AVE. MODESTO CA, 95358		PO / Job#:	Date: 7-11-13
Contact: JW MACK		Turn Around Time: Same Day / <input checked="" type="radio"/> 1Day / 2Day / 3Day / 4Day / 5Day	
Phone: 290-581-9646		<input type="checkbox"/> PCM: <input type="checkbox"/> NIOSH 7400A / <input type="checkbox"/> NIOSH 7400B <input type="checkbox"/> Rotameter	
Fax: 209-581-9646		<input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400-1000 / <input type="checkbox"/> CARB 435	
E-mail: jwmackcoo@aol.com		<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yarnstad / <input type="checkbox"/> NIOSH 7402	
Site: HONOR FARM		<input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield	
Site Location: Roofs.		<input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Weighs %	
Comments: Asbestos Bulk Samples		<input type="checkbox"/> TEM Microvac: <input type="checkbox"/> Qual(+/-) / <input type="checkbox"/> D5755(stx/area) / <input type="checkbox"/> D5756(stx/mass)	
Report Via: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> E-Mail <input type="checkbox"/> Verbal		<input type="checkbox"/> IAQ Particle Identification (PLM LAB) <input type="checkbox"/> PLM Opaques/Soot	
Matrix:		<input type="checkbox"/> Particle Identification (TEM LAB) <input type="checkbox"/> Special Project	
Analytes:		<input type="checkbox"/> Metals Analysis: Method:	

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY				Sample Area / Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
R-1-16	7/8/13	med trailer	A P C	Roof Ceiling		metal Roof.	
R-2-16	7/8	Camp Roofing porch	A P C				
R-3-0	7/8	Camp Roofing shade cover	A P C	TOP Layer			
R-4-0	7/8	Camp Roofing tarpaper	A P C	Bottom Layer			
R-5-18	7/8	Roof Seam material	A P C				
R-6-19/20	7/8	Metal Roofs Seams	A P C				
			A P C				
			A P C				
			A P C				
			A P C				

Sampled By: <i>Himmel</i>	Date: 7/8/13	Time: 0800
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: <i>JW Mack</i>	Relinquished By:	Relinquished By:
Date/Time: 7/11/13 1500	Date/Time:	Date/Time:
Received By: <i>Debra Keph FX</i>	Received By:	Received By:
Date/Time: 7-12-13 10AM	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



# Bulk Asbestos Analysis

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

JW Mack Consulting  
J.W. Mack  
1502 Glenn Ave.  
  
Modesto, CA 95358

**Client ID:** 4405  
**Report Number:** B179607  
**Date Received:** 07/12/13  
**Date Analyzed:** 07/12/13  
**Date Printed:** 07/15/13  
**First Reported:** 07/15/13

**Job ID/Site:** Honor Farm, Roofs

**FALI Job ID:** 4405

**Date(s) Collected:** 07/08/2013

**Total Samples Submitted:** 6

**Total Samples Analyzed:** 6

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
R-1-16	11401244						
Layer: Silver Paint		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
R-2-16	11401245						
Layer: Black Roof Shingle			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %) Fibrous Glass (50 %)							
R-3-0	11401246						
Layer: Black Roof Shingle			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %) Fibrous Glass (50 %)							
R-4-0	11401247						
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (85 %)							
R-5-18	11401248						
Layer: Silver Paint		Chrysotile	2 %				
Layer: White Non-Fibrous Material			ND				
Layer: Beige Non-Fibrous Material		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (3%)					
R-6-19/20	11401249						
Layer: Light Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: JW Mack Consulting

Report Number: B179607

Date Printed: 07/15/13

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
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*Tad Thower*

Tad Thower, 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.

Forensic Analytical Laboratories, Inc.

Analysis Request Form (COC)

<b>Company Name &amp; Address:</b> JW. MACK CONSULTING 1502 GLENN AVE. MODESTO CA, 95358		<b>PO / Job#:</b>	<b>Date:</b> 7-11-13
<b>Contact:</b> JW MACK		<b>Turn Around Time:</b> Same Day / <input checked="" type="checkbox"/> 1Day / 2Day / 3Day / 4Day / 5Day	
<b>Phone:</b> 209-381-9646		<input type="checkbox"/> PCM: <input type="checkbox"/> NIOSH 7400A / <input type="checkbox"/> NIOSH 7400B <input type="checkbox"/> Rotometer	
<b>Fax:</b> 209-381-9646		<input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400-1000 / <input type="checkbox"/> CARB 435	
<b>E-mail:</b> jwmack@aol.com		<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamao2 / <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield <input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Weight % <input type="checkbox"/> TEM Microwave: <input type="checkbox"/> Qual(+/-) / <input type="checkbox"/> D5755(st/area) / <input type="checkbox"/> D5756(st/area)	
<b>Site:</b> HONOR FARM.		<input type="checkbox"/> IAQ Particle Identification (PLM LAB) <input type="checkbox"/> PLM Opacities/Soot <input type="checkbox"/> Particle Identification (TEM LAB) <input type="checkbox"/> Special Project	
<b>Site Location:</b>		<input type="checkbox"/> Metals Analysis: Method:	
		Matrix:	
		Analytes:	

**Comments:** Asbestos Bulk Samples. **Report Via:**  Fax  E-Mail  Verbal

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY				Sample Area / Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
A-1	7/8	BARRACKS #4 SHEET/ROCK SKIN	A P C	West Mach	Room	Wall	
A-2	7/8	BARRACKS #4 SHEET/ROCK SKIN	A P C	North Mach	Room	Wall	
A-3	7/8	BARRACKS #4 SHEET/ROCK SKIN	A P C	Mach.	Room	CEILING	
A-4	7/8	12x12 VFT/BLACK MASTIC	A P C	Bar. #4	Room	L	LT BRNRY.
A-5	7/8	12x12 VFT/MASTIC	A P C	Bar. #4	Room	L	GRAY.
A-6	7/8	12x12 VFT/MASTIC	A P C	Bar. #4	Room	L	off white.
A-7	7/8	Chy/Hdk/grout	A P C	Bar. #4 Shower	Room's		Room
A-8	7/8	Mortar Bar	A P C	Bar. #4 Shower	Room's		
A-9	7/8	EX Plaster Bar #4	A P C	North Wall			
A-10	7/8	EX Plaster Bar #4	A P C	South Wall			

**Sampled By:** JWMack **Date:** 7/8/11 **Time:** 0800

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

**Relinquished By:** JWMack **Date/Time:** 7/11/13 1500

**Received By:** [Signature] **Date/Time:** 7-12-13 10AM

San Francisco Office: 3777 Depot Road, Suite 409, Hayward, California 94545-2761 / P: (510)887-8828 \* (800)827-3274 / Fax: (510)887-4218  
 Los Angeles Office: 2939 Pacific Commerce Drive, Rancho Dominguez, California 90221 / P: (310)763-2374 \* (888)613-9417 / Fax: (310)763-4450  
 Las Vegas Office: 6765 S. Eastern Avenue, Suite 3, Las Vegas, Nevada 89119 / P: (702)784-0040 / Fax: (702)784-0030



# Bulk Asbestos Analysis

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

JW Mack Consulting  
 J.W. Mack  
 1502 Glenn Ave.  
 Modesto, CA 95358

Client ID: 4405  
 Report Number: B179608  
 Date Received: 07/12/13  
 Date Analyzed: 07/15/13  
 Date Printed: 07/15/13  
 First Reported: 07/15/13

Job ID/Site: Honor Farm

FALI Job ID: 4405

Date(s) Collected: 07/08/2013

Total Samples Submitted: 46

Total Samples Analyzed: 46

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
A-1	11401250						
Layer: White Drywall			ND				
Layer: White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							
A-2	11401251						
Layer: White Drywall			ND				
Layer: White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							
A-3	11401252						
Layer: White Drywall			ND				
Layer: White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							
A-4	11401253						
Layer: Off-White Tile			ND				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
A-5	11401254						
Layer: Light Grey Tile			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
A-6	11401255						
Layer: Off-White Tile			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: JW Mack Consulting

Report Number: B179608

Date Printed: 07/15/13

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
A-7	11401256						
Layer: Red-Brown Grout			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
A-8	11401257						
Layer: Off-White Grout			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
A-9	11401258						
Layer: Grey Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
A-10	11401259						
Layer: Grey Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
A-11	11401260						
Layer: Off-White Grout			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
A-12	11401261						
Layer: Pink Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
A-13	11401262						
Layer: Off-White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
A-14	11401263						
Layer: Off-White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
A-15	11401264						
Layer: Grey Carpet			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace) Synthetic (85 %)							

Forensic Analytical Laboratories, Inc.

Analysis Request Form (COC)

Company Name & Address: JW. MACK CONSULTING 1502 GLENN AVE. MODESTO CA, 95358		PO / Job#:	Date: 7-11-13
Contact: JW MACK		Turn Around Time: Same Day / <u>1 Day</u> / 2Day / 3Day / 4Day / 5Day	
Phone: 290-581-9646 Fax: 209-581-9646		<input type="checkbox"/> PCM: <input type="checkbox"/> NIOSH 7400A / <input type="checkbox"/> NIOSH 7400B <input type="checkbox"/> Rotometer	
E-mail: jwmackcon@aol.com		<input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 - 1000 / <input type="checkbox"/> CARB 435	
Site: HONOR FARM.		<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield <input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Weight % <input type="checkbox"/> TEM Microvac: <input type="checkbox"/> Qual(+/-) / <input type="checkbox"/> D5755(sts/area) / <input type="checkbox"/> D5756(sts/mass)	
Site Location:		<input type="checkbox"/> IAQ Particle Identification (PLM LAB) <input type="checkbox"/> PLM Opaques/Soot <input type="checkbox"/> Particle Identification (TEM LAB) <input type="checkbox"/> Special Project	
Comments: (Asbestos Bulk Samples)		<input type="checkbox"/> Metals Analysis: Method:	
		Matrix:	
		Analyzr:	

Report Via:  Fax  E-Mail  Verbal

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY				Sample Area / Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
A-11	7/8	Barracks #3 <sup>Clag</sup> floor tile	A P C	approx.		Shower Room.	
A-12	7/8	Med. Trailer / Skim coat	A P C				
A-13	7/8	Barracks #3 ext Plaster	A P C	walls South			
A-14	7/8	Barracks #3 ext Plaster	A P C	walls North			
A-15	7/8	Gen mod. Carpet/mastic	A P C				
A-16	7/8	Gen mod. Sheet Rock Skim	A P C	North wall			
A-17	7/8	Gen mod sheet Rock / Skim	A P C	South wall			
A-18	7/8	Gen mod 8'x4' ACP	A P C	T-Bar Ceiling			
A-19	7/8	Visitor mod 8'x4' ACP	A P C	T-Bar Ceiling		Trailer	
A-20	7/8	Sheet Rock	A P C	Panel walls		NO SKIM PORT UNDER.	

Sampled By: J. W. Mackell Date: 7/8/11 Time: 0800

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

Relinquished By: J. W. Mackell	Relinquished By:	Relinquished By:
Date / Time: 7/11/13 1500	Date / Time:	Date / Time:

Received By: Newell, FX	Received By:	Received By:
Date / Time: 7-12-13 10AM	Date / Time:	Date / Time:

Condition Acceptable?  Yes  No Condition Acceptable?  Yes  No Condition Acceptable?  Yes  No

Client Name: JW Mack Consulting

Report Number: B179608

Date Printed: 07/15/13

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
A-16	11401265						
Layer: White Drywall			ND				
Layer: White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)    Fibrous Glass (10 %)							
A-17	11401266						
Layer: White Drywall			ND				
Layer: White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)    Fibrous Glass (10 %)							
A-18	11401267						
Layer: Beige Fibrous Tile			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (80 %)    Fibrous Glass (5 %)							
A-19	11401268						
Layer: Beige Fibrous Tile			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (80 %)    Fibrous Glass (5 %)							
A-20	11401269						
Layer: White Drywall			ND				
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (30 %)							
A-21	11401270						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Layer: Off-White Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (90 %)							
A-22	11401271						
Layer: White Drywall			ND				
Layer: White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)    Fibrous Glass (10 %)							





Forensic Analytical Laboratories, Inc.

Analysis Request Form (COC)

Company Name & Address: JW. MACK CONSULTING 1502 GLENN AVE. MODESTO CA, 95358		PO / Job#: _____ Date: 7/11/13
Contact: JW MACK		Turn Around Time: Same Day / <u>1 Day</u> / 2 Day / 3 Day / 4 Day / 5 Day
Phone: 290-581-9646	Fax: 209-581-9646	<input type="checkbox"/> PCM: <input type="checkbox"/> NIOSH 7400A / <input type="checkbox"/> NIOSH 7400B <input type="checkbox"/> Rotometer
E-mail: jwmackcon@aol.com	Site: Honor Farm.	<input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 - 1000 / <input type="checkbox"/> CARB 435
Site Location:	Matrix:	<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield <input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Weight % <input type="checkbox"/> TEM Microvac: <input type="checkbox"/> Qual(+/-) / <input type="checkbox"/> D5755(stl/area) / <input type="checkbox"/> D5756(stl/mass)
Comments: (Asbestos Bulk Samples)		<input type="checkbox"/> IAQ Particle Identification (PLM LAB) <input type="checkbox"/> PLM Opacques/Soot <input type="checkbox"/> Particle Identification (TEM LAB) <input type="checkbox"/> Special Project
Report Via: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> E-Mail <input type="checkbox"/> Verbal		<input type="checkbox"/> Metals Analysis: Method: _____

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY				Sample Area / Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
A-21	7/8	STAFF Locker Room / Ceiling	A P C	Per Unit			Trailer
A-22	7/8	Sheet Rock / Skim	A P C	Staff Room Locker			WHL TRAILER
A-23	7/8	Sheet Rock / Skim	A P C	Women Side			
A-24	7/8	Sheet Rock / Skim	A P C	Walls			TRAILER
A-25	7/8	Admin office / Ceiling	A P C	Trailer			kt, office
A-26	7/8	Admin. office Sheet Rock / Skim	A P C				East End
A-27	7/8	Admin. office Sheet Rock / Skim	A P C				West End - RR.
A-28	7/8	Admin office Clay tile	A P C	Grad			R.R. Floor
A-29	7/8	Admin office tile	A P C	Masters Bask.			
A-30	7/8	Admin off. Sheet Rock / Skim	A P C	R.R. Above			trailer walls

Sampled By: JW Mack	Date: 7/8/13	Time: 0800
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: JW Mack	Relinquished By: _____	Relinquished By: _____
Date / Time: 7/11/13 1500	Date / Time: _____	Date / Time: _____
Received By: Deussen, FX	Received By: _____	Received By: _____
Date / Time: 7-12-13 10AM	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

Client Name: JW Mack Consulting

Report Number: B179608

Date Printed: 07/15/13

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
A-23	11401272						
Layer: White Drywall			ND				
Layer: White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							
A-24	11401273						
Layer: Pink Drywall			ND				
Layer: White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							
A-25	11401274						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
A-26	11401275						
Layer: White Drywall			ND				
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							
A-27	11401276						
Layer: White Drywall			ND				
Layer: White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %) Fibrous Glass (5 %)							
A-28	11401277						
Layer: Red-Brown Grout			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
A-29	11401278						
Layer: Grey Mortar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
A-30	11401279						
Layer: White Drywall			ND				
Layer: Off-White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							

Forensic Analytical Laboratories, Inc.

Analysis Request Form (COC)

Company Name & Address: JW. MACK CONSULTING 1502 GLENN AVE. MODESTO CA.95358		PO / Job#:	Date: 7-11-13
Contact: JW MACK		Turn Around Time: Same Day <input checked="" type="checkbox"/> / 2Day / 3Day / 4Day / 5Day	
Phone: 209-581-9646	Fax: 209-581-9646	<input type="checkbox"/> PCM: <input type="checkbox"/> NIOSH 7400A / <input type="checkbox"/> NIOSH 7400B <input type="checkbox"/> Rotometer	
E-mail: jwmackcon@aol.com		<input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400-1000 / <input type="checkbox"/> CARB 435	
Site: Ho Nor Farm.		<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Ymmtc2 / <input type="checkbox"/> NIOSH 7402	
Site Location:		<input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield	
Comments: Asbestos Bulk Sample		<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 checked="" 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:		<input type="checkbox"/> IAQ Particle Identification (PLM LAB) <input type="checkbox"/> PLM Opacity/Soot	
Analytes:		<input type="checkbox"/> Particle Identification (TEM LAB) <input type="checkbox"/> Special Project	
Metals Analysis: Method:			

Sample ID	Date/Time	Sample Location / Description	FOR AIR SAMPLES ONLY				Sample Area / Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
A-31	7/8	R.R. Bldg ext Black walls.	A P C				
A-32	7/8	MAIN Control Room 12x12	OP P C	Master			
A-33	7/8	main Control Room/clay tile	A P C				
A-34	7/8	Sheet Rock / Army Locker	A P C	Control Room			
A-35	7/8	12x12 VAt Control Room Chow Hall.	A P C				
A-36	7/8	12x12 VAt Kitchen	A P C	Black			
A-37	7/8	12x12 VAt Kitchen	A P C	White			
A-38	7/8	Clay tile/mult Kitchen	A P C	Black			
A-39	7/8	ext Black wall	A P C	main Control / Kitchen			Master
A-40	7/8	ext Black walls	A P C	main Dkt. South			

Sampled By: <i>JW Mack</i>	Date: 7/8/11	Time: 0800
Shipped Via: <input checked="" type="checkbox"/> FedEx <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: <i>JW Mack</i>	Relinquished By:	Relinquished By:
Date/Time: 7/11/13 1500	Date/Time:	Date/Time:
Received By: <i>Rebecca Fox</i>	Received By:	Received By:
Date/Time: 7-12-13 10AM	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

Client Name: JW Mack Consulting

Report Number: B179608

Date Printed: 07/15/13

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
A-31	11401280						
Layer: Red Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
A-32	11401281						
Layer: Off-White Tile			ND				
Layer: Black Mastic			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
A-33	11401282						
Layer: Grey Ceramic Tile			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
A-34	11401283						
Layer: Light Brown Drywall			ND				
Layer: White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							
A-35	11401284						
Layer: Grey Tile			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
A-36	11401285						
Layer: Black Tile			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
A-37	11401286						
Layer: Off-White Tile			ND				
Layer: Tan Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
A-38	11401287						
Layer: Red-Brown Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							



Forensic Analytical Laboratories, Inc.

Analysis Request Form (COC)

Company Name & Address: JW. MACK CONSULTING 1502 GLENN AVE. MODESTO CA, 95358		PO / Job#:	Date: 7/11/13
Contact: JW MACK		Turn Around Time: Same Day <input checked="" type="checkbox"/> 1Day / 2Day / 3Day / 4Day / 5Day	
Phone: 209-581-9646		<input type="checkbox"/> PCM: <input type="checkbox"/> NIOSH 7400A / <input type="checkbox"/> NIOSH 7400B <input type="checkbox"/> Rotometer <input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 - 1000 / <input type="checkbox"/> CARB 435	
E-mail: jwmackcon@aol.com		<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield <input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Weight % <input type="checkbox"/> TEM Microvac: <input type="checkbox"/> Qual(+/-) / <input type="checkbox"/> D5755(stir/area) / <input type="checkbox"/> D5756(stir/mass)	
Site: Honor farm.		<input type="checkbox"/> IAQ Particle Identification (PLM LAB) <input type="checkbox"/> PLM Opaque/Soot <input type="checkbox"/> Particle Identification (TEM LAB) <input type="checkbox"/> Special Project	
Site Location:		<input type="checkbox"/> Metals Analysis: Method: Matrix: Analytes:	

Comments: Asbestos Bulk Sample

Report Via:  Fax  E-Mail  Verbal

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY				Sample Area / Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
A-41	7/8	SKIM ROOF CHOW HALL	A P C	NORTH SIDE			
A-42	7/8	SKIM ROOF CHOW HALL	A P C	SOUTH SIDE			
A-43	7/8	WT ROOM EXT WALLS	A P C				
A-44	7/8	WT ROOM SHEETROCK SKIM	A P C	NORTH WALL			
A-45	7/8	WT ROOM SHEETROCK SKIM	A P C	EXT WALL			
A-46	7/8	WALL STOP SHEETROCK SKIM	A P C				
			A P C				
			A P C				
			A P C				
			A P C				

Sampled By: JW Mack Date: 7/8/13 Time: 0800

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

Relinquished By: JW Mack	Relinquished By:	Relinquished By:
Date / Time: 7/11/13 1500	Date / Time:	Date / Time:

Received By: DELL DEERY Fx	Received By:	Received By:
Date / Time: 7-12-13 10AM	Date / Time:	Date / Time:

Condition Acceptable?  Yes  No

Client Name: JW Mack Consulting

Report Number: B179608

Date Printed: 07/15/13

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
A-39	11401288						
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
A-40	11401289						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
A-41	11401290						
Layer: Off-White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
A-42	11401291						
Layer: Off-White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
A-43	11401292						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
A-44	11401293						
Layer: Off-White Joint Compound			ND				
Layer: Off-White Tape			ND				
Layer: Off-White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (25 %)							
A-45	11401294						
Layer: Off-White Joint Compound			ND				
Layer: Off-White Tape			ND				
Layer: Off-White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (25 %)							
A-46	11401295						
Layer: Off-White Drywall			ND				
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							

Client Name: JW Mack Consulting

Report Number: B179608

Date Printed: 07/15/13

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*

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.

**HONOR FARM**

**PICTURES**

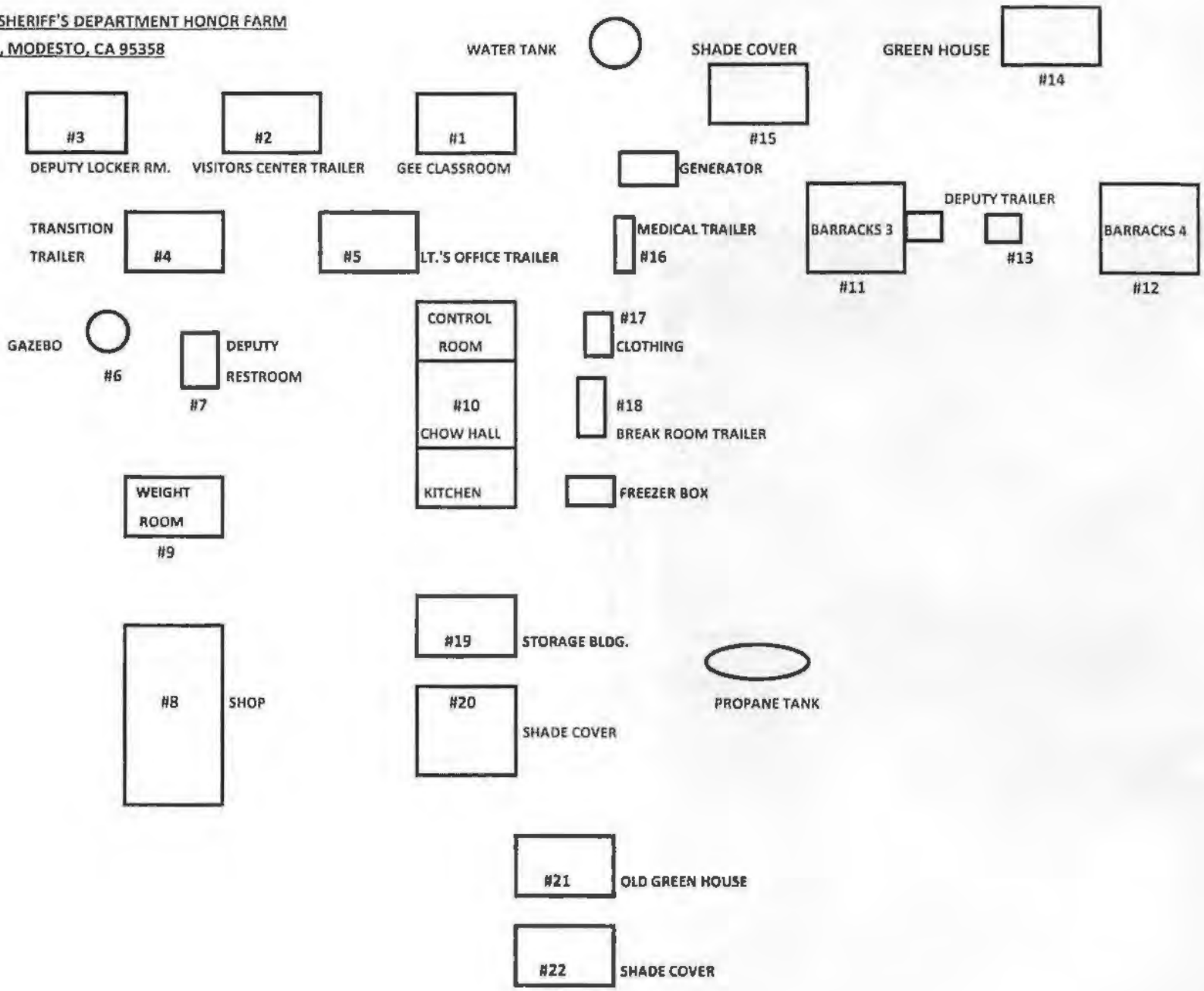
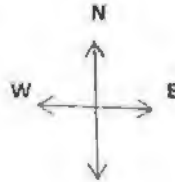


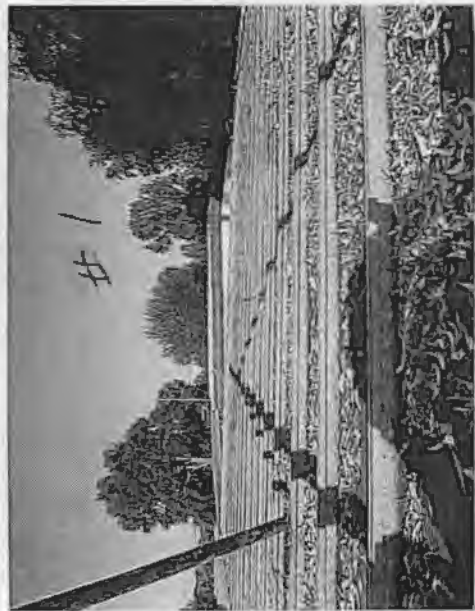


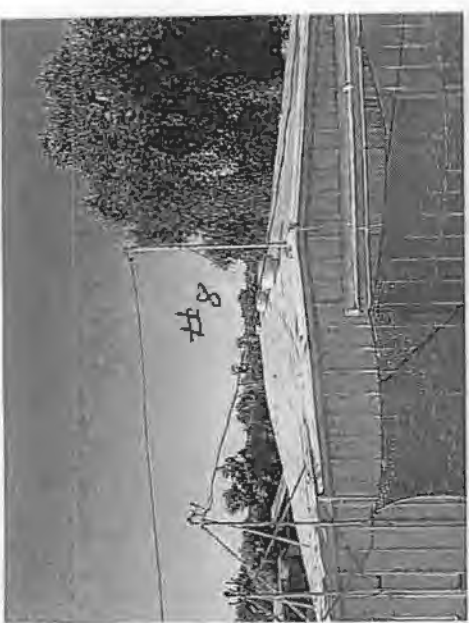
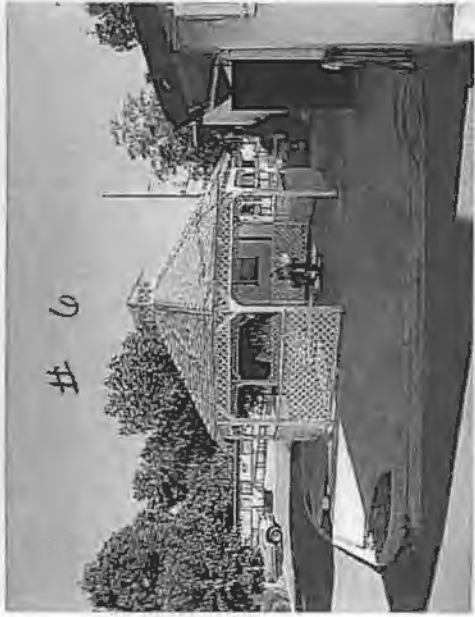
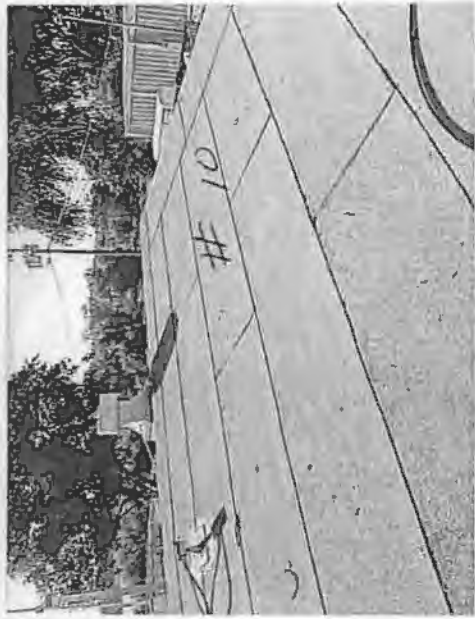
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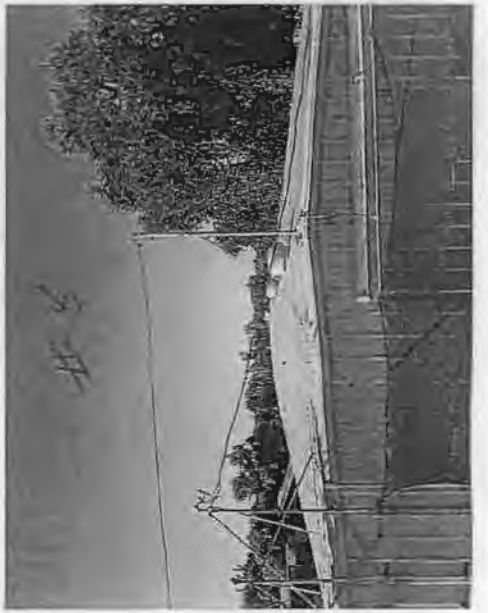
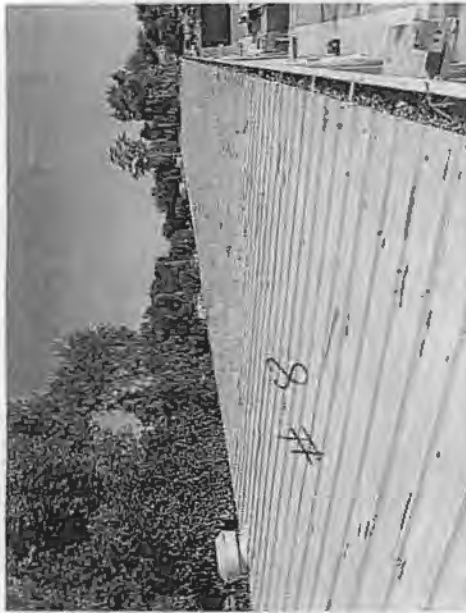
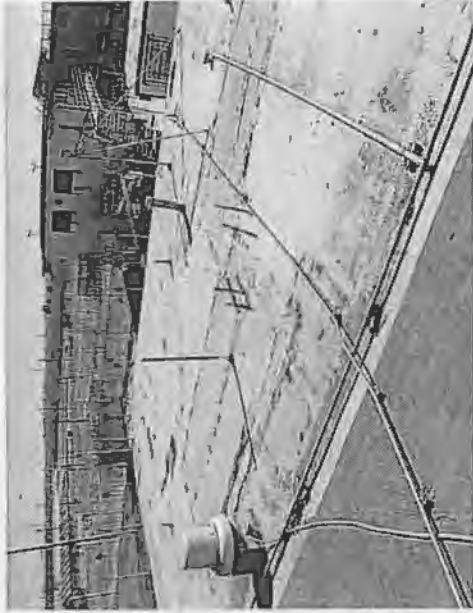
STANISLAUS COUNTY SHERIFF'S DEPARTMENT HONOR FARM  
8224 W GRAYSON RD., MODESTO, CA 95358

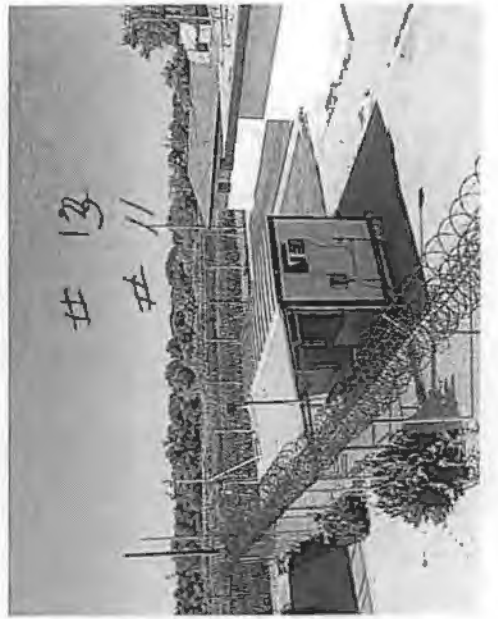












#5



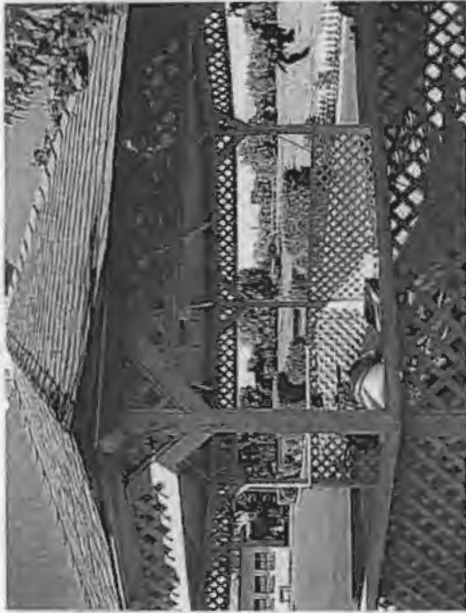
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#6



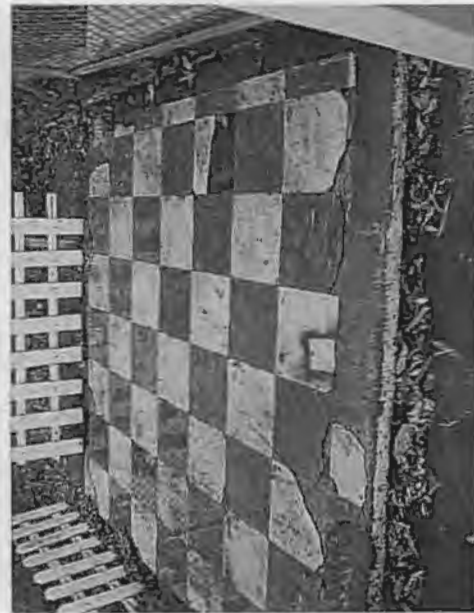
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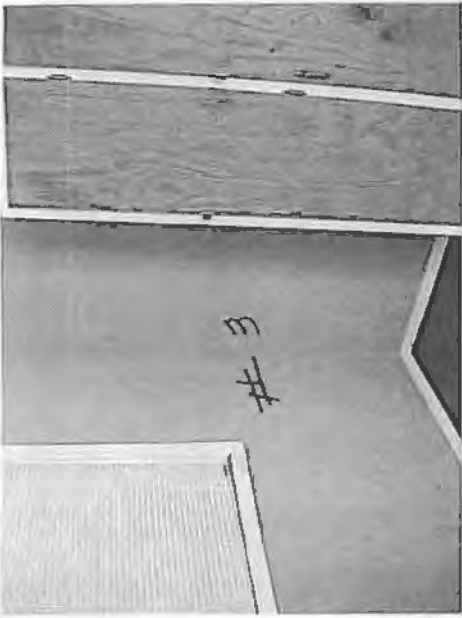
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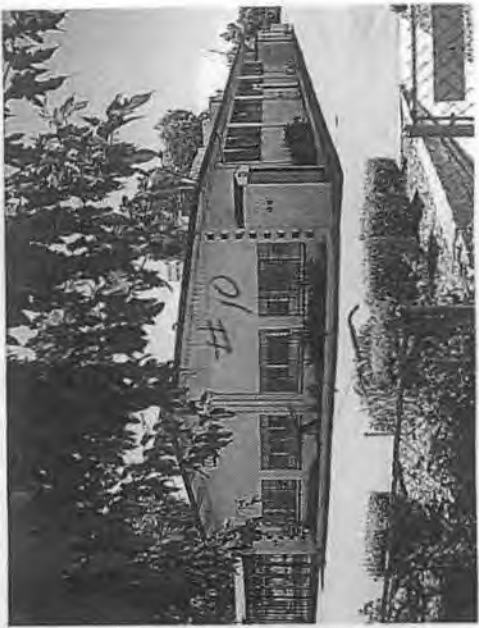
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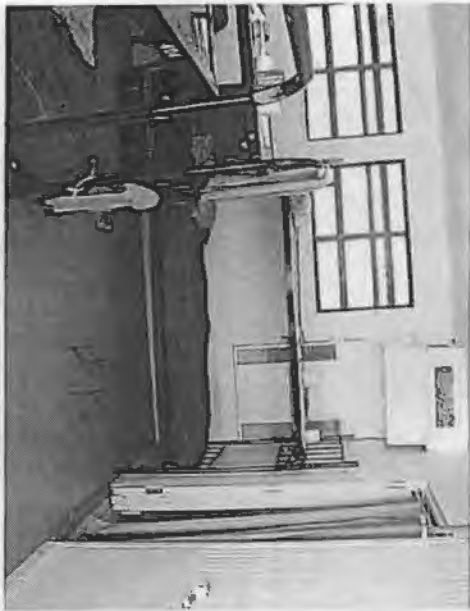
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#12



#12



#12



#12



#12

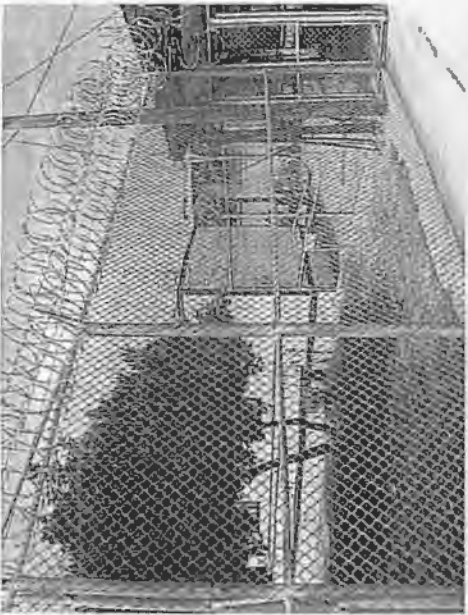
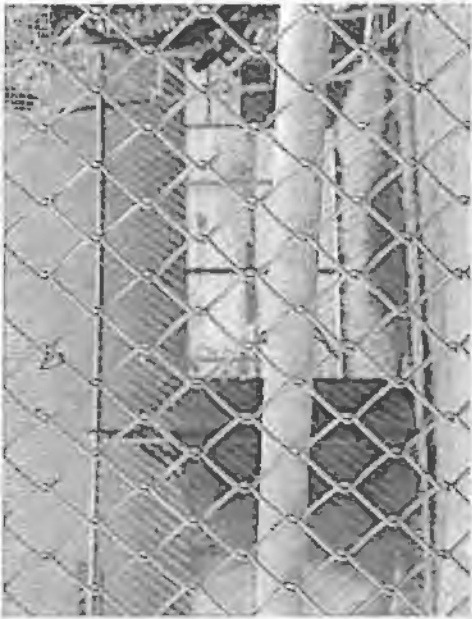


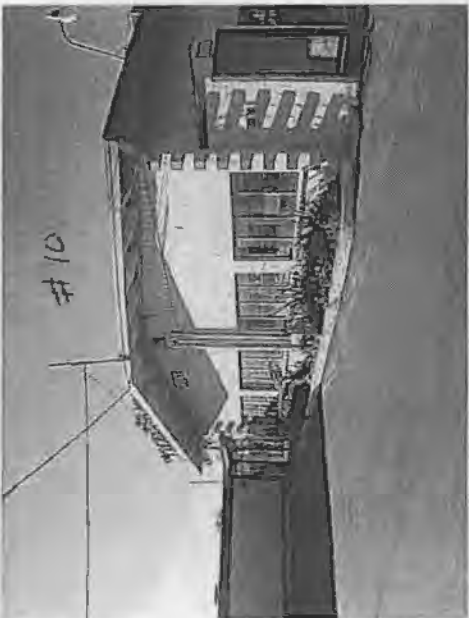
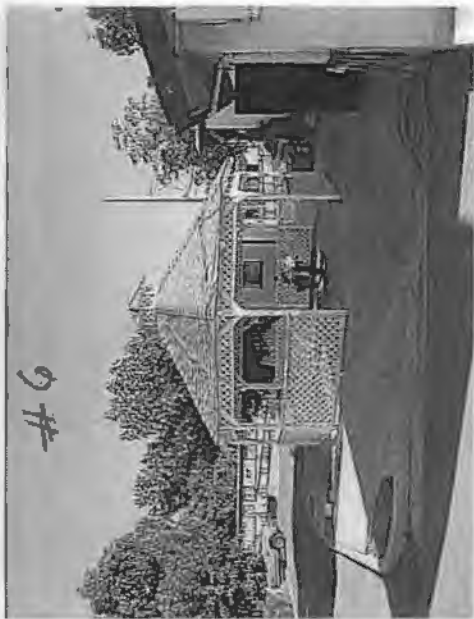
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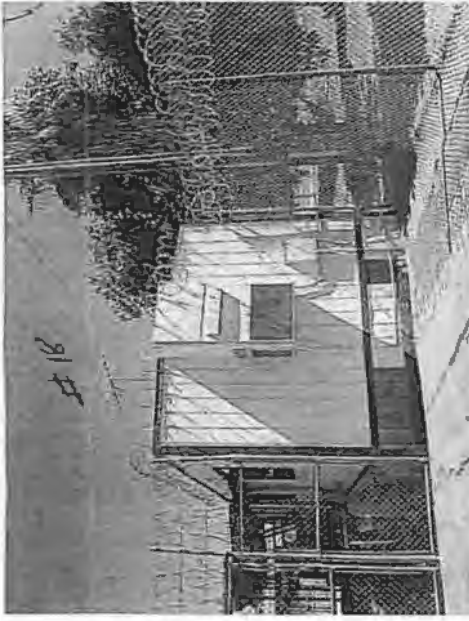


#12









## **J. W. MACK CONSULTING**

**RESIDENTIAL & COMMERCIAL  
ASBESTOS  
LEAD/BASED PAINT  
ENVIRONMENTAL CONSULTING**

**1502 GLENN AVENUE  
MODESTO, CA 95358**

**PHONE AND FAX  
(209) 581-9646**

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### **LEAD HAZARD EVALUATION REPORT**

#### **STANISLAUS COUNTY SHERIFF'S DEPARTMENT HONOR FARM**

On 8-9 July 2013, at the request of Mr. Joshua Ewen, Assistant Management Consultant for Chief Executive Office, Stanislaus County, J. W. Mack of J. W. Mack Consulting, a California Department of Public Health Certified Inspector/Assessor, Certification # 3516, conducted a lead hazard evaluation at Honor Farm.

#### **LEAD EVALUATION SUMMARY**

J.W. Mack performed a lead hazard evaluation of the interior and exterior of the Honor Farm structures for potential lead hazards.

A lead hazard is defined as "lead containing paint or surface coatings that are cracking, chipping, chalking, flaking, peeling, non-intact, or otherwise in poor condition."

No cracking, chipping, chalking, flaking, peeling, or non-intact paint was observed at the subject site.

The demolition contractor should adhere to OSHA, CAL-OSHA, EPA, and any other applicable state and local regulations for worker protection, hazard communications, work practices, and proper waste disposal.

Disposal of all lead containing paint is regulated at concentrations at or exceeding 350 ppm as stated in 40 Code of Federal Regulations (CFR) Part 263 Land Disposal Regulations and Title 22 Division 4 Environmental Health of California Administrative Code.

This level is used as the threshold to determine which peeling and stratified paints must be abated prior to building demolition. However, lead related work at any lead concentration is regulated under the Occupational Safety and Health statutes.

The exterior trim and walls of the buildings and trailers at the Honor Farm have a similar painting history, therefore paint sampling was collected and analyzed to determine the presence of lead in the exterior paint.

The laboratory analysis of the samples indicated low levels of lead. See attached laboratory analysis and chain-of-custody.

**J. W. MACK CONSULTING**

**RESIDENTIAL & COMMERCIAL  
ASBESTOS  
LEAD/BASED PAINT  
ENVIRONMENTAL CONSULTING**

1502 GLENN AVENUE  
MODESTO, CA 95358

PHONE AND FAX  
(209) 581-9646

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Pg. 2

Building components that contain intact lead based or lead contaminated paint can be disposed of as construction debris in accordance with the Department of Toxic Substance Control (DTSC).

The disposal of lead containing construction materials should be coordinated with the landfill.

J.W. Mack



CDPH #3516





# Metals Analysis of Paints

JW Mack Consulting  
J.W. Mack  
1502 Glenn Ave.  
  
Modesto, CA 95358

**Client ID:** 4405  
**Report Number:** M140935  
**Date Received:** 07/12/13  
**Date Analyzed:** 07/15/13  
**Date Printed:** 07/15/13  
**First Reported:** 07/15/13

**Job ID / Site:** Honor Farm  
**Date(s) Collected:** 07/08/13

**FALI Job ID:** 4405  
**Total Samples Submitted:** 3  
**Total Samples Analyzed:** 3

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
P-1	30470555	Pb	60	ppm	60	EPA 3050B/7420
Comment:	Additional Result: 0.006 wt%					
P-2	30470556	Pb	70	ppm	60	EPA 3050B/7420
Comment:	Additional Result: 0.007 wt%					
P-3	30470557	Pb	90	ppm	60	EPA 3050B/7420
Comment:	Additional Result: 0.009 wt%					

\* 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.

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Forensic Analytical Laboratories, Inc.

Analysis Request Form (COC)

Company Name & Address: JW. MACK CONSULTING  
1502 GLENN AVE. MODESTO CA, 95358

PO / Job#: \_\_\_\_\_ Date: 7/11/13

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: JW MACK

TEM Air:  AHERA /  Yamato2 /  NIOSH 7402  
 TEM Bulk:  Quantitative /  Qualitative /  Chatfield  
 TEM Water:  Potable /  Non-Potable /  Weight %  
 TEM Microvac:  Qual(+/-) /  D5755(std/area) /  D5756(std/mass)

Phone: 290-581-9646 Fax: 209-581-9646

E-mail: jwmackcon@aol.com

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

Site: Honor Farm

Site Location: \_\_\_\_\_

Metals Analysis: Method: \_\_\_\_\_  
 Matrix: Chip's AA Element

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

Comments: Pb 20 by wt P, P, M

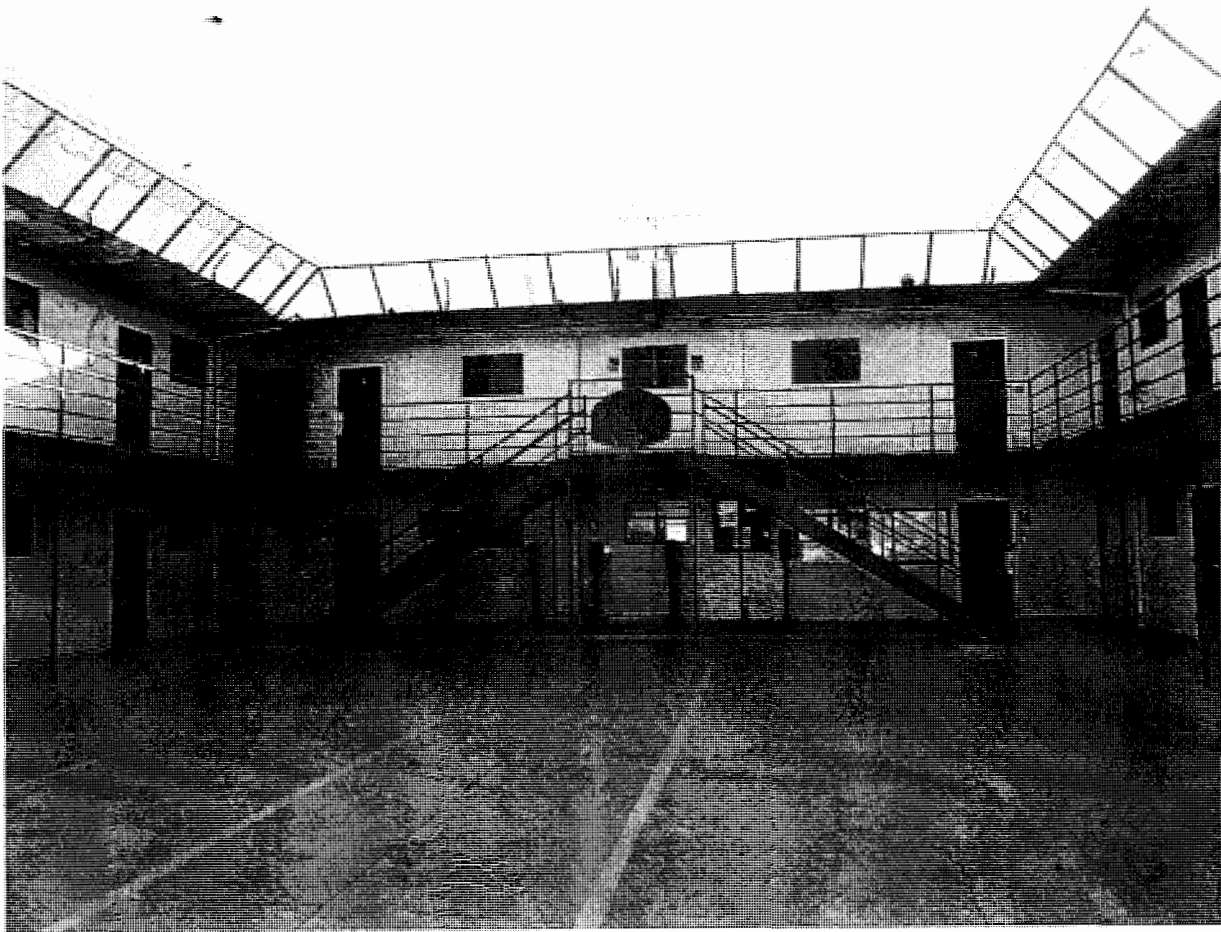
Report Via:  Fax  E-Mail  Verbal

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY				Sample Area / Air Volume
			Type	Time On/Off	Avg LPM	Total Time	
P-1	7/8	Ext trim DARK BRN	A P C				
		ALL Blding.	A P C				
P-2	7/8	Ext walls: ALL	A P C				
			A P C				
P-3	7/8	Ext trim Green.	A P C				
			A P C				
		-Repl in P, P, M - 20-12	A P C				
		-Wt. Please-	A P C				
			A P C				
			A P C				

Sampled By: J. Mack Date: 7/5/13 Time: 0800

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

Relinquished By: J. Mack Date / Time: 7/11/13 1500	Relinquished By: Date / Time:	Relinquished By: Date / Time:
Received By: Delia Lopez FX Date / Time: 7-12-13 10AM	Received By: Date / Time:	Received By: 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



AIR SAMPLING FOR MOLD AND FUNGAL SPORES

OLD HONOR FARM BARRACKS 4

PERFORMED BY:

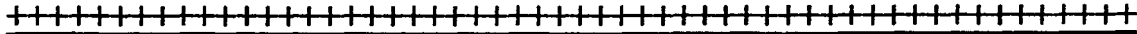
J. W. MACK CONSULTING  
Aug. 27 2013

# **J. W. MACK CONSULTING**

**RESIDENTIAL AND COMMERCIAL  
ASBESTOS  
LEAD/BASED PAINT  
ENVIRONMENTAL CONSULTING**

1502 GLENN AVENUE  
MODESTO, CA 95358

PHONE AND FAX  
(209) 581-9646



## **AIR SAMPLING FOR MOLD AND FUNGAL SPORES**

### **OLD HONOR FARM BARRACKS #4**

On 27 August 2013, at the request of Mr. Joshua R. Ewen, Management Consultant, Chief Executive Office, Stanislaus County, J. W. Mack Consulting performed ambient air sampling for mold and fungal spores at the old Honor Farm Barracks #4.

The sampling was prompted due to concerns of the Chief Executive Office as to the mold and fungal spore levels inside Barracks #4.

### **AIR SAMPLING PROCEDURES**

A low volume vacuum pump was used to aspirate air through Micro 5 cassettes. Micro 5 cassettes are volumetric air sampling cassettes. These cassettes are used to detect non-culturable mold spores. A total of 5 liters of air was collected during a five minute period to obtain each non-culturable sample. Indoor and outdoor samples were collected in the same manner. All samples were placed under a chain-of-custody and delivered via FedEx to EMSL Analytical, 2235 Polvorosa Ave., San Leandro, CA 94577, an AIHA recognized laboratory where they were examined and the spores were identified and quantified by a microbiologist.

### **TIME / CONDITIONS**

The sampling began at approximately 8:00 AM. The sky was clear. There was a light breeze. The ambient temperature outside of the building was in the 70's. The temperature inside the building was also in the 70's. The exterior doors were open at the time of the sampling.

### **RESULTS OF AIR SAMPLING**

Laboratory analysis of the Micro 5 air cassette samples taken from inside and outside the building indicates the presence of common fungal spores. There are no spore counts or spore types in the laboratory report that are inconsistent with the weather conditions and this time of year in the San Joaquin Valley.

It must be noted that sampling results are only representative of that moment in time and may not represent what has transpired in the past or may be any indicator of what may transpire in the future.

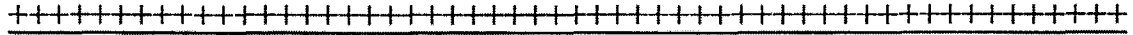
EPA and California Department of Public Health guidelines recommends that normal spore levels indoors compared to outdoors usually average 30% to 80% of outdoor spore levels with the same general distribution of spore types.

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Laboratory analysis of the samples indicate that the spore levels inside Barracks #4 are not within normal EPA and California Department of Public Health recommended guidelines for occupied buildings. (See attached laboratory reports and chain-of-custody.)

EXECUTIVE SUMMARY

Fungal spores are found everywhere. Whether or not symptoms develop in people exposed to fungi depends on the nature of the fungal material and the exposure level and the susceptibility of exposed persons.

Susceptibility varies with the genetic predisposition (e.g. allergic reactions do not always occur in all individuals), age, pre-existing medical conditions and exposures.

These reasons make it difficult to identify dose/response relationships that are required to establish safe or unsafe levels.

This report is not intended to provide medical advice or advice concerning the relative safety of an occupied space. Always consult an occupational or environmental health physician who has experience addressing indoor air contaminants.

J. W. Mack



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2235 Polvorosa Ave , Suite 230 San Leandro, CA 94577  
Phone/Fax: (510) 895-3675 / (510) 895-3680  
<http://www.EMSL.com> / [sanleandrolab@emsl.com](mailto:sanleandrolab@emsl.com)

Order ID: 091313946  
Customer ID: JWMA50  
Customer PO:  
Project ID:

Attn: JW Mack  
J.W. Mack Consulting  
1502 Glenn Avenue  
Modesto, CA 95358-5908

Phone: (209) 581-9646  
Fax: (Do ) not- Fax  
Collected: 08/27/2013  
Received: 08/29/2013  
Analyzed: 08/30/2013

Proj: HONOR FARM BARRACKS #4 1ST FLOOR

## Spore Trap ASSESSMENT Report <sup>SM</sup> Micro-5(™) Analysis of Fungal Spores & Particulates (Methods EMSL 05-TP-003, ASTM D7391)

	Particle Identification	Raw Count	(Count/m <sup>3</sup> )	% of Total	Interpretation Guideline
091313946-0001	Asperisporium	-	-	-	
Client Sample ID M-1	Alternaria	-	-	-	
	Ascospores	1	40	0.9	
Location 1ST FLOOR EAST ROOM INSIDE	Aspergillus/Penicillium	49	2000	44.6	 
	Basidiospores	28	1100	24.6	
Sample Volume (L) 25	Bipolaris++	-	-	-	
	Chaetomium	-	-	-	
Sample Type Inside	Cladosporium	33	1300	29	
	Curvularia	-	-	-	
Comments	Epicoccum	-	-	-	
	Fusarium	-	-	-	
	Ganoderma	-	-	-	
	Myxomycetes++	1	40	0.9	 
	Pithomyces	-	-	-	
	Rust	-	-	-	
	Scopulariopsis	-	-	-	
	Stachybotrys	-	-	-	
	Torula	-	-	-	
	Ulocladium	-	-	-	
	Unidentifiable Spores	-	-	-	
	Botrytis	-	-	-	
	Trichothecium	-	-	-	
	<b>Total Fungi</b>	<b>112</b>	<b>4480</b>	<b>100</b>	
	Hyphal Fragment	-	-	-	
	Insect Fragment	-	-	-	
	Pollen	-	-	-	

Analytical Sensitivity 600x: 40 counts/cubic meter  
Analytical Sensitivity 300x \*: 40\* counts/cubic meter

Skin Fragments: 2 1 to 4 (low to high)  
Fibrous Particulate: 1 1 to 4 (low to high)  
Background: 3 1 to 4 (low to high); 5 (overloaded)

No discernable field blank was submitted with this group of samples.

Bipolaris++ = Bipolaris/Dreschlera/Exserohilum  
Myxomycetes++ = Myxomycetes/Peniconia/Smut

- Concentration at or below background
- Concentration above background
- Concentration 10X or more above background

- Not commonly found growing indoors, spores likely come from outside
- Spores reported to be able to cause allergies in individuals.
- Potential for mycotoxin production exists with these fungi.
- These fungi are considered water damage indicators.

Israel Gutierrez  
or Other Approved Signatory

Initial report from: 08/30/2013 09:40:04

High levels of background particulate can obscure spores and other particulates leading to underestimation. Background levels of 5 indicate an overloading of background particulates, prohibiting accurate detection and quantification. Present = Spores detected on overloaded samples. Results are not blank corrected unless otherwise noted. The detection limit is equal to one fungal spore, structure, pollen, fiber particle or insect fragment. "SM" denotes particles found at 300X. "-" denotes not detected. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc San Leandro, CA

For information on the fungi listed in this report please visit the Resources section at [www.emsl.com](http://www.emsl.com)



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2235 Polvarosa Ave , Suite 230 San Leandro, CA 94577  
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Order ID: 091313946  
Customer ID: JWMA50  
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Project ID:

Attn: JW Mack  
J.W. Mack Consulting  
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Modesto, CA 95358-5908

Phone: (209) 581-9646  
Fax: (Do ) not- Fax  
Collected: 08/27/2013  
Received: 08/29/2013  
Analyzed: 08/30/2013

Proj: HONOR FARM BARRACKS #4 1ST FLOOR

## Spore Trap ASSESSMENT Report <sup>SM</sup> Micro-5(<sup>TM</sup>) Analysis of Fungal Spores & Particulates (Methods EMSL 05-TP-003, ASTM D7391)

	Particle Identification	Raw Count	(Count/m <sup>3</sup> )	% of Total	Interpretation Guideline
091313946-0002	Asperisporium	-	-	-	
Client Sample ID M-2	Alternaria	1	40	2.3	
	Ascospores	2	80	4.5	
	Aspergillus/Penicillium	2	80	4.5	
Location OUTSIDE AIR EAST ROOM	Basidiospores	11	440	25	
	Bipolaris++	-	-	-	
	Chaetomium	-	-	-	
Sample Volume (L) 25	Cladosporium	24	960	54.5	
	Curvularia	-	-	-	
	Epicoccum	1	40	2.3	
Sample Type Inside	Fusarium	-	-	-	
	Ganoderma	1	40	2.3	
	Myxomycetes++	1	40	2.3	
Comments	Pithomyces	-	-	-	
	Rust	-	-	-	
	Scopulariopsis	-	-	-	
	Slachybotrys	-	-	-	
	Torula	1	40	2.3	
	Ulocladium	-	-	-	
	Unidentifiable Spores	-	-	-	
	Botrytis	-	-	-	
	Trichothecium	-	-	-	
	Total Fungi	44	1760	100	
Hyphal Fragment	-	-	-		
Insect Fragment	-	-	-		
Pollen	2	80	4.5		
Analytical Sensitivity 600x: 40 counts/cubic meter		Skin Fragments: 2		1 to 4 (low to high)	
Analytical Sensitivity 300x *: 40* counts/cubic meter		Fibrous Particulate: 2		1 to 4 (low to high)	
		Background: 3		1 to 4 (low to high); 5 (overloaded)	

No discernable field blank was submitted with this group of samples.

Bipolaris++ = Bipolaris/Dreschiera/Exserohilum  
Myxomycetes++ = Myxomycetes/Periconia/Smut

- Concentration at or below background
- Concentration above background
- Concentration 10X or more above background

- Not commonly found growing indoors, spores likely come from outside.
- Spores reported to be able to cause allergies in individuals.
- Potential for mycotoxin production exists with these fungi.
- These fungi are considered water damage indicators.

Israel Gutierrez  
or Other Approved Signatory

Initial report from: 08/30/2013 09:40:04

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Phone: (209) 581-9646  
Fax: (Do ) not- Fax  
Collected: 08/27/2013  
Received: 08/29/2013  
Analyzed: 08/30/2013

Proj: HONOR FARM BARRACKS #4 1ST FLOOR

## Spore Trap ASSESSMENT Report <sup>SM</sup> Micro-5<sup>TM</sup> Analysis of Fungal Spores & Particulates (Methods EMSL 05-TP-003, ASTM D7391)

	Particle Identification	Raw Count	(Count/m <sup>3</sup> )	% of Total	Interpretation Guideline
091313946-0003	Asperisporium	-	-	-	
Client Sample ID M-3	Alternaria	-	-	-	
	Ascospores	-	-	-	
Location INSIDE ROOM D	Aspergillus/Penicillium	16	640	35.6	
	Basidiospores	16	640	35.6	
Sample Volume (L) 25	Bipolaris++	-	-	-	
	Chaetomium	-	-	-	
Sample Type Inside	Cladosporium	12	480	26.7	
	Curvularia	-	-	-	
Comments	Epicoccum	-	-	-	
	Fusarium	-	-	-	
	Ganoderma	-	-	-	
	Myxomycetes++	-	-	-	
	Pithomyces	-	-	-	
	Rust	-	-	-	
	Scopulariopsis	-	-	-	
	Stachybotrys	-	-	-	
	Torula	-	-	-	
	Ulocladium	-	-	-	
	Unidentifiable Spores	-	-	-	
	Botrytis	-	-	-	
	Trichothecium	1	40	2.2	
	<b>Total Fungi</b>	<b>45</b>	<b>1800</b>	<b>100</b>	
	Hyphal Fragment	-	-	-	
	Insect Fragment	-	-	-	
	Pollen	-	-	-	

Analytical Sensitivity 600x: 40 counts/cubic meter  
Analytical Sensitivity 300x \*: 40\* counts/cubic meter

Skin Fragments: 2 1 to 4 (low to high)  
Fibrous Particulate: 1 1 to 4 (low to high)  
Background: 3 1 to 4 (low to high); 5 (overloaded)

No discernable field blank was submitted with this group of samples.

Bipolaris++ = Bipolaris/Dreschiera/Exserohilum  
Myxomycetes++ = Myxomycetes/Panconia/Smut

- Concentration at or below background
- Concentration above background
- Concentration 10X or more above background

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Modesto, CA 95358-5908 Received: 08/29/2013  
Analyzed: 08/30/2013

Proj: HONOR FARM BARRACKS #4 1ST FLOOR

## Spore Trap ASSESSMENT Report <sup>SM</sup> Micro-5(™) Analysis of Fungal Spores & Particulates (Methods EMSL 05-TP-003, ASTM D7391)

	Particle Identification	Raw Count	(Count/m <sup>3</sup> )	% of Total	Interpretation Guideline
091313946-0004	Asperisporium	-	-	-	
Client Sample ID M-4	Alternaria	1	40	2.2	
	Ascospores	5	200	11	
Location OUTSIDE ROOM D	Aspergillus/Penicillium	-	-	-	
	Basidiospores	10	400	22	
	Bipolaris++	-	-	-	
Sample Volume (L) 25	Chaetomium	-	-	-	
	Cladosporium	26	1000	54.9	
Sample Type Background	Curvularia	-	-	-	
	Epicoccum	-	-	-	
Comments	Fusarium	-	-	-	
	Ganoderma	3	100	5.5	
	Myxomycetes++	-	-	-	
	Pithomyces	-	-	-	
	Rust	-	-	-	
	Scopulariopsis	-	-	-	
	Stachybotrys	-	-	-	
	Torula	-	-	-	
	Ulocladium	-	-	-	
	Unidentifiable Spores	-	-	-	
	Botrytis	1	40	2.2	
	Trichothecium	1	40	2.2	
	<b>Total Fungi</b>	<b>47</b>	<b>1820</b>	<b>100</b>	
	Hyphal Fragment	-	-	-	
	Insect Fragment	-	-	-	
	Pollen	-	-	-	

Analytical Sensitivity 600x: 40 counts/cubic meter Skin Fragments: 1 1 to 4 (low to high)  
Analytical Sensitivity 300x \*: 40\* counts/cubic meter Fibrous Particulate: 1 1 to 4 (low to high)  
Background: 3 1 to 4 (low to high); 5 (overloaded)

- No discernable field blank was submitted with this group of samples.
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  - Concentration above background
  - Concentration 10X or more above background
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Initial report from: 08/30/2013 09:40:04

Israel Gutierrez  
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Samples analyzed by EMSL Analytical, Inc San Leandro, CA

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# Microbiology Laboratory (Mold, Bacteria, Legionella, Allergens, USP797 & More) Chain of Custody

San Leandro, CA  
Suite 230  
2235 Polvorosa Ave  
San Leandro, CA 94577  
PHONE: (510) 895-3675  
FAX: (510) 895-3680

**EMSL Order Number (Lab Use Only):**

**4001313046**

Company: JW MACK CONSULTING		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments** Third Party Billing requires written authorization from third party</small>			
Street: 1502 GLENN AVE					
City/State/Zip: Modesto, CA 95358					
Report To (Name): J.W. Mack		Fax: 209-581-8646			
Telephone: 209-581-9646		Email Address: jwmackcon@aol.com			
Project Name/Number: HONOR FARM BARRACKS # 4 1st Floor.					
Please Provide Results: Email <input checked="" type="checkbox"/> Purchase Order:		State Samples Taken: CA			
<b>Turnaround Time (TAT) Options* - Please Check</b>					
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week					
<small>*Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide. TATs are subject to methodology requirements</small>					
<b>Non Culturable Air Samples (Spore Traps)</b>					
<ul style="list-style-type: none"> <li style="width: 25%;">• M001 Air-O-Cell</li> <li style="width: 25%;">• M173 Allegro M2</li> <li style="width: 25%;">• M004 Allergenco</li> <li style="width: 25%;">• M032 Allergenco-D</li> <li style="width: 25%;">• M172 Versa Trap</li> <li style="width: 25%;">• M046 BioSS</li> <li style="width: 25%;">• M003 Burkard</li> <li style="width: 25%;">• M043 Cyclax</li> <li style="width: 25%;">• M002 Cyclax-d</li> <li style="width: 25%;">• M030 Micro-5</li> <li style="width: 25%;">• M174 MoldSnap</li> <li style="width: 25%;">• M176 Fleets Smart</li> <li style="width: 25%;">• M130 Via-Cell</li> </ul>					
<b>Other Microbiology Test Codes</b>					
<ul style="list-style-type: none"> <li style="width: 33%;">• M041 Fungal Direct Examination</li> <li style="width: 33%;">• M014 Endotoxin Analysis</li> <li style="width: 33%;">• M029 Enterococci</li> <li style="width: 33%;">• M005 Viable Fungi ID and Count</li> <li style="width: 33%;">• M015 Heterotrophic Plate Count</li> <li style="width: 33%;">• M019 Fecal Coliform</li> <li style="width: 33%;">• M006 Viable Fungi ID and Count (Speciation)</li> <li style="width: 33%;">• M180 Real Time Q-PCR-ERM1 36 Panel</li> <li style="width: 33%;">• M133 MRSA Analysis</li> <li style="width: 33%;">• M007 Culturable Fungi</li> <li style="width: 33%;">• M018 Total Coliform (Membrane Filtration)</li> <li style="width: 33%;">• M028 <i>Cryptococcus neoformans</i> Detection</li> <li style="width: 33%;">• M008 Culturable Fungi (Speciation)</li> <li style="width: 33%;">• M020 Fecal Streptococcus (Membrane Filtration)</li> <li style="width: 33%;">• M120 <i>Histoplasma capsulatum</i> Detection</li> <li style="width: 33%;">• M009 Gram Stain Culturable Bacteria</li> <li style="width: 33%;">• M210-215 Legionella Detection</li> <li style="width: 33%;">• M033-39 Allergen Testing</li> <li style="width: 33%;">• M010 Bacterial Count and ID - 3 Most Prominent</li> <li style="width: 33%;">• M026 Recreational Water Screen</li> <li style="width: 33%;">• M044 Group Allergen (Cat, Dog, Cockroach, Dustmites)</li> <li style="width: 33%;">• M011 Bacterial Count and ID - 5 Most Prominent</li> <li style="width: 33%;">• M027 Mycotoxin Analysis</li> <li style="width: 33%;">• Other See Analytical Price Guide</li> <li style="width: 33%;">• M013 Sewage Contamination in Buildings</li> </ul>					
Preservation Method (Water):					
Name of Sampler: JW MACK		Signature of Sampler: JW Mack			
Sample #	Sample Location	Sample Type	Test Code	Volume/Area	Date/Time Collected
M-1	1st Floor East Room Inside.	MICRO5	M030	25 L	8/27/13
M-2	Out side air East Room	MICRO5	M030	25 L	8/27/13
M-3	INSIDE Room D	MICRO5	M030	25 L	8/27/13
M-4	outside Room D	MICRO5	M030	25 L	8/27/13
Client Sample # (s): M-1, M-4		Total # of Samples: 4			
Relinquished (Client): JW Mack		Date: 8/28/13	Time: 1500		
Received (Client): [Signature]		Date: 8/29/13	Time: 9:00		
Comments/Special Instructions: <b>Net Spore Trap Assessment Report</b> Micro-5 5L x 5m = 25L Total 1 x 25L sample. Please.					



# EMSL Analytical, Inc.

2235 Polvorosa Ave , Suite 230 San Leandro, CA 94577  
Phone/Fax: (510) 895-3675 / (510) 895-3680  
<http://www.EMSL.com> / [sanleandrolab@emsl.com](mailto:sanleandrolab@emsl.com)

Order ID: 091313945  
Customer ID: JWMA50  
Customer PO:  
Project ID:

Attn: JW Mack  
J.W. Mack Consulting  
1502 Glenn Avenue  
Modesto, CA 95358-5908

Phone: (209) 581-9646  
Fax: (Do ) not- Fax  
Collected: 08/27/2013  
Received: 08/29/2013  
Analyzed: 08/30/2013

Proj: HONOR FARM BARRACKS #4 , 2ND FLOOR

## Spore Trap ASSESSMENT Report <sup>SM</sup> Micro-5(™) Analysis of Fungal Spores & Particulates (Methods EMSL 05-TP-003, ASTM D7391)

	Particle Identification	Raw Count	(Count/m <sup>3</sup> )	% of Total	Interpretation Guideline
091313945-0001	Asperisporium	-	-	-	
Client Sample ID M-5	Alternaria	-	-	-	☑
	Ascospores	3	100	4.3	☑
Location 2ND FLOOR ROOM M INSIDE	Aspergillus/Penicillium	-	-	-	
	Basidiospores	6	200	8.6	⚠
Sample Volume (L) 25	Bipolaris++	-	-	-	
	Chaetomium	2	80	3.5	⚠
Sample Type Inside	Cladosporium	42	1700	73.3	☑
	Curvularia	-	-	-	
Comments	Epicoccum	-	-	-	
	Fusarium	-	-	-	
	Ganoderma	-	-	-	
	Myxomycetes++	2	80	3.5	☑
	Pithomyces	-	-	-	
	Rust	-	-	-	☑
	Scopulariopsis	-	-	-	
	Stachybotrys	-	-	-	
	Torula	1	40	1.7	☑
	Ulocladium	1	40	1.7	☑
	Nigrospora	-	-	-	
	Stemphylium	1	40	1.7	⚠
	Trichothecium	1	40	1.7	⚠
	<b>Total Fungi</b>	<b>59</b>	<b>2320</b>	<b>100</b>	☑
	Hyphal Fragment	-	-	-	
	Insect Fragment	1	40	1.7	⚠
	Pollen	2	80	3.5	⚠

Analytical Sensitivity 600x: 40 counts/cubic meter  
Analytical Sensitivity 300x \*: 40\* counts/cubic meter

Skin Fragments: 2 1 to 4 (low to high)  
Fibrous Particulate: 2 1 to 4 (low to high)  
Background: 3 1 to 4 (low to high); 5 (overloaded)

No discernable field blank was submitted with this group of samples.

Bipolaris++ = Bipolaris/Dreschlera/Exserohilum  
Myxomycetes++ = Myxomycetes/Periconia/Smut

- ☑ Concentration at or below background
- ⚠ Concentration above background
- Ⓢ Concentration 10X or more above background

- ⬆ Not commonly found growing indoors, spores likely come from outside
- ☑ Spores reported to be able to cause allergies in individuals
- ☑ Potential for mycotoxin production exists with these fungi.
- ⚠ These fungi are considered water damage indicators.

Israel Gutierrez  
or Other Approved Signatory

Initial report from: 08/30/2013 09:18:52

High levels of background particulate can obscure spores and other particulates leading to underestimation. Background levels of 5 indicate an overloading of background particulates, prohibiting accurate detection and quantification. Present = Spores detected on overloaded samples. Results are not blank corrected unless otherwise noted. The detection limit is equal to one fungal spore, structure, pollen, fiber particle or insect fragment. \*\*\* Denotes particles found at 300X. \* denotes not detected. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc San Leandro, CA

For information on the fungi listed in this report please visit the Resources section at [www.emsl.com](http://www.emsl.com)



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Order ID: 091313945  
Customer ID: JWMA50  
Customer PO:  
Project ID:

Attn: JW Mack  
J.W. Mack Consulting  
1502 Glenn Avenue  
Modesto, CA 95358-5908

Phone: (209) 581-9646  
Fax: (Do ) not- Fax  
Collected: 08/27/2013  
Received: 08/29/2013  
Analyzed: 08/30/2013

Proj: HONOR FARM BARRACKS #4 , 2ND FLOOR

## Spore Trap ASSESSMENT Report <sup>SM</sup> Micro-5(™) Analysis of Fungal Spores & Particulates (Methods EMSL 05-TP-003, ASTM D7391)

	Particle Identification	Raw Count	(Count/m <sup>3</sup> )	% of Total	Interpretation Guideline
091313945-0002	Asperisporium	-	-	-	
Client Sample ID M-6	Alternaria	1	40	1.6	<input checked="" type="checkbox"/>
	Ascospores	1	40	1.6	<input checked="" type="checkbox"/>
Location 2ND FLOOR INSIDE MECH ROOM	Aspergillus/Penicillium	7	300	12	<input checked="" type="checkbox"/>
	Basidiospores	8	300	12	<input checked="" type="checkbox"/>
Sample Volume (L) 25	Bipolaris++	-	-	-	<input checked="" type="checkbox"/>
	Chaetomium	-	-	-	<input checked="" type="checkbox"/>
Sample Type Inside	Cladosporium	34	1400	56	<input checked="" type="checkbox"/>
	Curvularia	-	-	-	<input checked="" type="checkbox"/>
Comments	Epicoccum	1	40	1.6	<input checked="" type="checkbox"/>
	Fusarium	-	-	-	<input checked="" type="checkbox"/>
	Ganoderma	-	-	-	<input checked="" type="checkbox"/>
	Myxomycetes++	7	300	12	<input checked="" type="checkbox"/>
	Pithomyces	-	-	-	<input checked="" type="checkbox"/>
	Rust	-	-	-	<input checked="" type="checkbox"/>
	Scopulariopsis	-	-	-	<input checked="" type="checkbox"/>
	Stachybotrys	-	-	-	<input checked="" type="checkbox"/>
	Torula	1	40	1.6	<input checked="" type="checkbox"/>
	Ulocladium	-	-	-	<input checked="" type="checkbox"/>
	Nigrospora	1	40	1.6	<input checked="" type="checkbox"/>
	Stemphylium	-	-	-	<input checked="" type="checkbox"/>
	Trichothecium	-	-	-	<input checked="" type="checkbox"/>
	Total Fungi	61	2500	100	<input checked="" type="checkbox"/>
	Hyphal Fragment	-	-	-	<input checked="" type="checkbox"/>
	Insect Fragment	-	-	-	<input checked="" type="checkbox"/>
	Pollen	-	-	-	<input checked="" type="checkbox"/>

Analytical Sensitivity 600x: 40 counts/cubic meter  
Analytical Sensitivity 300x \*: 40\* counts/cubic meter

Skin Fragments: 2 1 to 4 (low to high)  
Fibrous Particulate: 1 1 to 4 (low to high)  
Background: 3 1 to 4 (low to high); 5 (overloaded)

No discernable field blank was submitted with this group of samples.

Bipolaris++ = Bipolaris/Dreschlera/Exserohilum  
Myxomycetes++ = Myxomycetes/Penicillium/Smut

- Concentration at or below background
- Concentration above background
- Concentration 10X or more above background

- Not commonly found growing indoors. spores likely come from outside
- Spores reported to be able to cause allergies in individuals.
- Potential for mycotoxin production exists with these fungi.
- These fungi are considered water damage indicators.

Initial report from: 08/30/2013 09:18:52

Israel Gutierrez  
or Other Approved Signatory

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Samples analyzed by EMSL Analytical, Inc San Leandro, CA

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Analyzed: 08/30/2013

Proj: HONOR FARM BARRACKS #4 , 2ND FLOOR

## Spore Trap ASSESSMENT Report <sup>SM</sup> Micro-5(™) Analysis of Fungal Spores & Particulates (Methods EMSL 05-TP-003, ASTM D7391)

	Particle Identification	Raw Count	(Count/m <sup>3</sup> )	% of Total	Interpretation Guideline
091313945-0003	Asperisporium	-	-	-	
Client Sample ID M-7	Alternaria	-	-	-	☑
	Ascospores	-	-	-	☑
Location 2ND FLOOR INSIDE ROOM I	Aspergillus/Penicillium	-	-	-	
	Basidiospores	8	300	14.2	⚠ 🌳 ☀
Sample Volume (L) 25	Bipolaris++	-	-	-	
	Chaetomium	-	-	-	
Sample Type Inside	Cladosporium	30	1200	56.6	☑ ☀
	Curvularia	-	-	-	
Comments	Epicoccum	3	100	4.7	⚠ 🌳 ☀
	Fusarium	-	-	-	
	Ganoderma	1	40	1.9	⚠ 🌳 ☀
	Myxomycetes++	10	400	18.9	⚠ 🌳 ☀
	Pithomyces	-	-	-	
	Rust	1	40	1.9	☑ 🌳 ☀
	Scopulariopsis	-	-	-	
	Stachybotrys	-	-	-	
	Torula	-	-	-	☑
	Ulocladium	-	-	-	☑
	Nigrospora	-	-	-	
	Stemphylium	-	-	-	
	Trichothecium	1	40	1.9	⚠
	Total Fungi	54	2120	100	☑
	Hyphal Fragment	-	-	-	
	Insect Fragment	2	80	3.8	⚠
	Pollen	1	40	1.9	☑ 🌳 ☀

Analytical Sensitivity 600x: 40 counts/cubic meter  
Analytical Sensitivity 300x \*: 40\* counts/cubic meter

Skin Fragments: 2 1 to 4 (low to high)  
Fibrous Particulate: 1 1 to 4 (low to high)  
Background: 3 1 to 4 (low to high); 5 (overloaded)

No discernable field blank was submitted with this group of samples.

Bipolaris++ = Bipolaris/Dreschlera/Exserohilum  
Myxomycetes++ = Myxomycetes/Periconia/Smut

- ☑ Concentration at or below background
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Initial report from: 08/30/2013 09:18:52

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Phone: (209) 581-9646  
Fax: (Do ) not- Fax  
Collected: 08/27/2013  
Received: 08/29/2013  
Analyzed: 08/30/2013

Proj: HONOR FARM BARRACKS #4 , 2ND FLOOR

## Spore Trap ASSESSMENT Report <sup>SM</sup> Micro-5(™) Analysis of Fungal Spores & Particulates (Methods EMSL 05-TP-003, ASTM D7391)

	Particle Identification	Raw Count	(Count/m <sup>3</sup> )	% of Total	Interpretation Guideline
091313945-0004	Asperisporium	-	-	-	
Client Sample ID M-8	Alternaria	2	80	3.1	☐
	Ascospores	6	200	7.8	☐
Location 2ND FLOOR OUTSIDE	Aspergillus/Penicillium	-	-	-	
	Basidiospores	2	80	3.1	☐
Sample Volume (L) 25	Bipolaris++	-	-	-	☐
	Chaetomium	-	-	-	
Sample Type Background	Cladosporium	47	1900	73.6	☐
	Curvularia	-	-	-	
Comments	Epicoccum	-	-	-	
	Fusarium	-	-	-	
	Ganoderma	-	-	-	
	Myxomycetes++	4	200	7.8	☐
	Pithomyces	-	-	-	
	Rust	1	40	1.6	☐
	Scopulariopsis	-	-	-	
	Stachybotrys	-	-	-	
	Torula	1	40	1.6	
	Ulocladium	1	40	1.6	☐
	Nigrospora	-	-	-	
	Stemphylium	-	-	-	
	Trichothecium	-	-	-	
	Total Fungi	64	2580	100	
	Hyphal Fragment	-	-	-	
	Insect Fragment	-	-	-	
	Pollen	1	40	1.6	☐

Analytical Sensitivity 600x: 40 counts/cubic meter  
Analytical Sensitivity 300x \*: 40\* counts/cubic meter

Skin Fragments: 1 1 to 4 (low to high)  
Fibrous Particulate: 1 1 to 4 (low to high)  
Background: 3 1 to 4 (low to high); 5 (overloaded)

No discernable field blank was submitted with this group of samples

Bipolaris++ = Bipolaris/Dreschlera/Exserohilum  
Myxomycetes++ = Myxomycetes/Periconia/Smut

- Concentration at or below background
- Concentration above background
- Concentration 10X or more above background

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# Microbiology Laboratory (Mold, Bacteria, Legionella, Allergens, USP797 & More) Chain of Custody

San Leandro, CA  
 Suite 230  
 2235 Polvorosa Ave  
 San Leandro, CA 94577  
 PHONE: (510) 895-3675  
 FAX: (510) 895-3680

EMSL Order Number (Lab Use Only):

**#091313945**

Company: JW MACK CONSULTING		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**                  Third Party Billing requires written authorization from third party</small>			
Street: 1502 GLENN AVE					
City/State/Zip: Modesto, CA 95358					
Report To (Name): J.W. Mack		Fax: 209-581-9646			
Telephone: 209-581-9646		Email Address: jwmackcon@aol.com			
Project Name/Number: <u>Honor Farm Barrels # 4 2nd floor.</u>					
Please Provide Results: Email <input checked="" type="checkbox"/> Purchase Order: <input type="checkbox"/>		State Samples Taken: CA			
Turnaround Time (TAT) Options* - Please Check					
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week					
<small>*Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide. TATs are subject to methodology requirements</small>					
Non-Culturable Air Samples (Spore Traps)					
<ul style="list-style-type: none"> <li>• M001 Air-O-Cell</li> <li>• M049 BioSIS</li> <li>• <u>M048 Micro 5</u></li> </ul>	<ul style="list-style-type: none"> <li>• B173 Allegro M2</li> <li>• M003 Burkard</li> <li>• B174 MoldSnap</li> </ul>	<ul style="list-style-type: none"> <li>• M004 Allergenco</li> <li>• M043 Cyclex</li> <li>• M176 Pella Smart</li> </ul>	<ul style="list-style-type: none"> <li>• M032 Allergenco-D</li> <li>• M002 Cyclex-d</li> <li>• M130 Via-Cell</li> <li>• M172 Versa Trap</li> </ul>		
Other Microbiology Test Codes					
<ul style="list-style-type: none"> <li>• M041 Fungal Direct Examination</li> <li>• M005 Viable Fungi ID and Count</li> <li>• M006 Viable Fungi ID and Count (Speciation)</li> <li>• M007 Culturable Fungi</li> <li>• M008 Culturable Fungi (Speciation)</li> <li>• M009 Gram Stain Culturable Bacteria</li> <li>• M010 Bacterial Count and ID - 3 Most Prominent</li> <li>• M011 Bacterial Count and ID - 5 Most Prominent</li> <li>• M013 Sewage Contamination in Buildings</li> </ul>	<ul style="list-style-type: none"> <li>• M014 Endotoxin Analysis</li> <li>• M015 Heterotrophic Plate Count</li> <li>• M180 Real Time Q-PCR-ERM1 36 Panel</li> <li>• M018 Total Coliform (Membrane Filtration)</li> <li>• M020 Fecal Streptococcus (Membrane Filtration)</li> <li>• M210-215 Legionella Detection</li> <li>• M026 Recreational Water Screen</li> <li>• M027 Mycotoxin Analysis</li> </ul>	<ul style="list-style-type: none"> <li>• M029 Enterococci</li> <li>• M019 Fecal Coliform</li> <li>• M133 MRSA Analysis</li> <li>• M028 Cryptococcus neoformans Detection</li> <li>• M120 Histoplasma capsulatum Detection</li> <li>• M032-39 Allergen Testing</li> <li>• M044 Group Allergen (Cat, Dog, Cockroach, Dustmites)</li> <li>• Other See Analytical Price Guide</li> </ul>			
Preservation Method (Water):					
Name of Sampler: <u>JW Mack</u>		Signature of Sampler: <u>JW Mack</u>			
Sample #	Sample Location	Sample Type	Test Code	Volume/Area	Date/Time Collected
M-5	2nd floor Room INSIDE	Micro 5	M030	25 L	8/27/13
M-6	2nd floor INSIDE Mech Room	Micro 5	M030	25 L	8/27/13
M-7	2nd floor INSIDE Room I	Micro 5	M030	25 L	8/27/13
M-8	2nd floor OUTSIDE	Micro 5	M030	25 L	8/27/13
Client Sample # (s): <u>M-5 - M-8</u>		Total # of Samples: <u>4</u>			
Relinquished (Client): <u>JW Mack</u>		Date: <u>8/28/13</u>	Time: <u>1:00</u>		
Received (Client): <u>[Signature]</u>		Date: <u>8/29/13</u>	Time: <u>9:00</u>		
Comments/Special Instructions: <u>SLXB M = 25L</u> <u>total vol ee Sample.</u>		<u>New Spore trap ASSESSMENT Report please.</u>			