



# STOCKTON ENVIRONMENTAL

## ASBESTOS SURVEY

### *CONDUCTED AT:*

Manteca Farm - Office Farm House  
5898 Brunswick Rd.,  
Manteca, California 95336

### *PREPARED FOR:*

**Stacy Pinola**  
5151 Pacific Avenue  
Stockton, CA 95207

### *PREPARED BY:*

**Stockton Environmental**  
*Report No. 003.12*  
*01/24/12*

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## **EXECUTIVE SUMMARY**

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### **Introduction:**

On January 11, 2012 **Stockton Environmental (SE)** performed an inspection for Asbestos-Containing Materials (ACM) at the subject site. Asbestos consulting services were conducted for **Stockton Environmental** by Mr. Randolph Brooke, an EPA accredited, Cal-OSHA Certified Asbestos Consultant, certificate number **05-3746**.

### **Site – Owner/Operator**

SE's inspection services were conducted at the request of the inspection was conducted at the project site identified as Manteca Farm - Office Farm House. SE's inspection services were conducted at the request of Ms. Stacy Pinola of San Joaquin Delta College, Environmental Health and Safety.

### **Scope of Services:**

SE's inspection services were conducted to identify the presence of any Regulated Asbestos Containing Materials (RACM) within the specified scope in accordance with the Federal Environmental Protection Agency Regulation 40 CFR Part 763.85 and the San Joaquin Valley Air Pollution Control District's (SJVAPCD) Asbestos Notification and Inspection Requirements.

### **Site Description:**

The subject site consists of a one story wood building with a garage, main room, an office, restroom and a garage. This house has a shingle roof, 1" X 1" floor tile throughout and sheetrock with mud & tape on the walls and ceiling.

### **Summary of Findings**

SE's inspection of the subject site collected a total of **Seven (7)** samples for analysis. The following summarizes the materials found to be asbestos-containing during this investigation.

<b>Suspect Asbestos Material</b>	<b>Asbestos Content Percent / Method</b>	<b>EPA Category</b>	<b>Specific Location</b>
<b>1' X 1' Floor Tile - Tan</b>	<b>2% Chrysotile</b>	<b>Category I</b>	<b>Entire Area</b>
<b>Texture atop Sheetrock</b>	<b>&lt;1% Chrysotile</b>	<b>**Not Regulated</b>	<b>Entire Area</b>

*\*\*Requires Conformational testing via 400 Point Count Method. However, Federal OSHA and Cal-OSHA control Materials containing any amount of Asbestos.*

## SURVEY METHODOLOGY

### Sample Collection:

An initial walk through of the subject site was conducted to identify homogeneous suspect asbestos building materials and their respective locations. This information was then used to develop a sample collection strategy.

Each suspect bulk sample was sealed in its own zip lock plastic container and labeled with a unique identification number. Sampling tools were individually cleaned before and after each sample was collected to avoid sample cross contamination. Decontamination was accomplished using single use, pre-moistened cloths.

Samples were recorded on SE's in-house chain-of-custody form. This form accompanied the Samples to EMSL Analytical Inc. (EMSL) located in 2235 Polvorosa Ave - Suite 230, San Leandro, CA 94577. EMSL is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) for analysis of bulk building material samples for asbestos.

### Sample Analysis:

To determine asbestos content, the samples were submitted for analysis. Suspect asbestos samples were subjected to analysis by polarized light microscopy (PLM). Bulk sample analysis was conducted in accordance with the EPA's "Test Method for the Determination of Asbestos in Bulk Building Materials, EPA/600/R-93/116, 1993.

## ASBESTOS LABORATORY RESULTS

The following table provides an **inventory of the suspect asbestos-containing building materials** identified during SE's inspection of the subject site. The table provides each of the homogenous materials, sample identification number and corresponding laboratory result.

<b>Sample No.</b>	<b>Suspect Asbestos Material Specific Location</b>	<b>Asbestos Content Percent</b>
<b>01.003.01</b>	<b>Sheetrock w/ Texture Atop Garage Wall</b>	<b>&lt;1% Chrysotile - texture</b>
<b>02.003.02</b>	<b>Texture atop Sheetrock Of Sample # 01.003.01</b>	<b>&lt;1% Chrysotile</b>
<b>03.003.03</b>	<b>Sheetrock w/ Texture Atop Kitchen Ceiling</b>	<b>&lt;1% Chrysotile - texture</b>
<b>04.003.04</b>	<b>1' X 1' Floor Tile - Tan Entire Area</b>	<b>2% Chrysotile</b>
05.003.05	Mastic under Sample # 04.003.04 Entire Area	None Detected
<b>06.003.06</b>	<b>Sheetrock w/ Texture Atop Office Wall</b>	<b>&lt;1% Chrysotile - texture</b>
<b>07.003.07</b>	<b>Texture atop Sheetrock Of Sample # 06.003.06</b>	<b>&lt;1% Chrysotile</b>

Materials found to contain asbestos during laboratory analysis are highlighted in bold typeface.

## **FINDINGS AND RECOMMENDATIONS**

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**SE** recommends that you:

Hire a Certified Asbestos Consultant to develop an abatement plan to remove all asbestos-containing materials identified above prior to conducting activities that may cause them to become friable.

Hire a California Registered Asbestos Abatement Contractor to remove all asbestos containing materials, prior to impact.

Hire a Certified Asbestos Consultant to monitor the removal activities and to provide final clearance inspection reports.

## **EXCLUSIONS AND REPORT LIMITATIONS**

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The information contained in this report is limited to those areas and suspect materials found to be visually accessible through reasonable means.

Limited demolition of building materials was conducted to determine the presence of asbestos in wall cavities, chases or other inaccessible areas. **SE** cannot warrant that these areas do not contain ACM's in locations other than those noted in this report; however, a good faith effort was made to conduct a comprehensive survey.

- **This report is not represented as, nor is it intended to be, an asbestos abatement scope of work or project specification.**
- If suspect materials (not previously discussed) are discovered during future demolition operations, all general work activities which could impact the discovered suspect ACM should cease until confirmation sampling can be conducted.

Thank you for allowing **Stockton Environmental** to assist you with your asbestos consulting needs, please contact me with any questions regarding this report or anything else I may help you with at **(209) 451-3017**.

Respectfully,

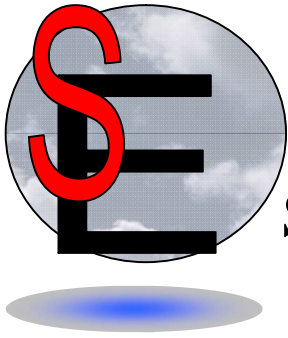
*Randolph Brooke*

\_\_\_\_\_  
(Randy) Randolph Brooke

Cal-OSHA Certified Asbestos Consultant

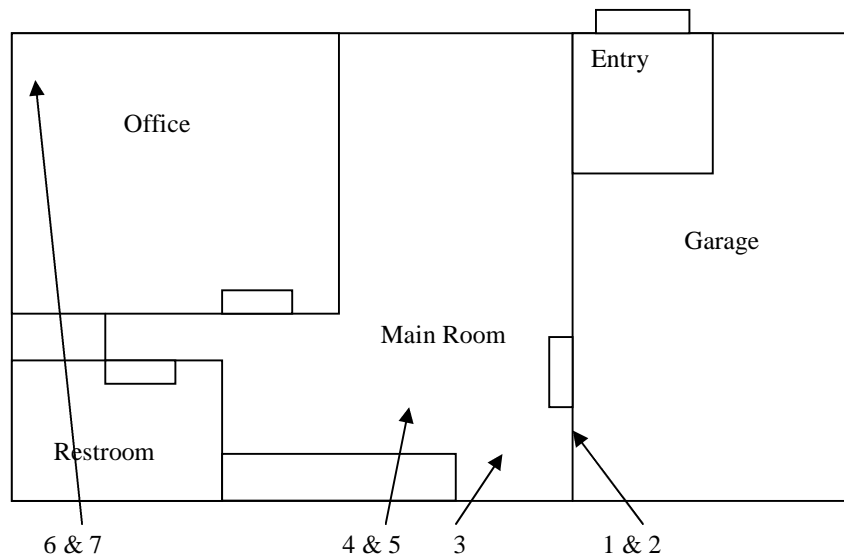
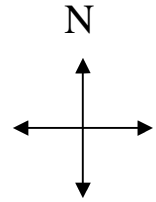
Certification #05-3746

# **Appendix A**



# STOCKTON ENVIRONMENTAL

Map of Manteca Farmhouse  
SE Job # 003.12



# **Appendix B**



# STOCKTON ENVIRONMENTAL BULK SAMPLING / CHAIN OF CUSTODY FORM

091200504

Project Name: STDC

Specific Location: Monterea Farm House

Technician: Rgn

Collection Date: 1/11/12  
Project #: 003.12

Pg. 1 of 1  
P.O.#: \_\_\_\_\_

Laboratory: Fmsl

Matrix:  Bulk  Wipe /  Paint /  Water /  Soil

Stop analysis if any sample within group >1% Y/N >1/10% Y/N Composite Sheetrock Y/N

Method of Analysis:  
 PLM - norm. / pt. count  
 TEM - qual. / quant.  
 AA/F/Flame

Turn Around:  
RUSH < 2 HR  
< 12 HR  
24 HR  
72 HR

Sample ID	Count	Material / Location / Condition	Remarks
1	01	Sheet Rock w. Text	Bangor
2	02	Text atop Sheet Rock	Bangor
3	03	Sheet Rock - <del>Text</del> Ceiling	Smooth (Bangor)
4	04	Floor Tile 12x12	(Text)
5	05	Acoustic For	
6	06	Sheet Rock wall	<del>Smooth</del> (Office) Text
7	07	Texture	↑

Relinquished by: [Signature]

Date/time: 1/11/12

Received by: [Signature]

Date/time: 1/13/12

Relinquished by: \_\_\_\_\_

Date/time: \_\_\_\_\_

Received by: \_\_\_\_\_

Date/time: \_\_\_\_\_

319 East Banbury, Stockton Ca 95207 / Tel (209) 938-7554 Fax (209) 957-1797 /  
OWA = Outside Work Area; IWA = Inside Work Area; B = Background; P = Personal; C = Clearance



**EMSL Analytical, Inc**

2235 Polvorosa Ave , Suite 230, San Leandro, CA 94577

Phone: (510) 895-3675 Fax: (510) 895-3680 Email: [sanleandrolab@emsl.com](mailto:sanleandrolab@emsl.com)

Attn: **Randy Brooke**  
**Stockton Environmental**  
**319 East Banbury Drive**  
**Stockton, CA 95207**

Customer ID: STCK78  
Customer PO:  
Received: 01/13/12 9:00 AM  
EMSL Order: 091200504

Fax: (209) 451-3017 Phone: (209) 981-5453  
Project: **003.12**  
**STDC**  
**Monteca Farm House**

EMSL Proj:  
Analysis Date: 1/14/2012

**Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy**


Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
1-01-Sheetrock <i>091200504-0001</i>	Garage	Brown/White Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
			HA: 1		
1-01-Texture <i>091200504-0001A</i>	Garage	Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	<1% Chrysotile
			HA: 1		
2-02-Texture <i>091200504-0002</i>	Garage	Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	<1% Chrysotile
			HA: 2		
3-03-Sheetrock <i>091200504-0003</i>	Kitchen	Brown/White Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
			HA: 3		
3-03-Texture <i>091200504-0003A</i>	Kitchen	Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	<1% Chrysotile
			HA: 3		

Initial report from 01/15/2012 12:41:36

Analyst(s)  

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*Rui Cindy Geng (10)*

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Baojia Ke, Laboratory Manager  
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. 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 NVLAP Lab Code 101048-3, MA AA000201, WA C2007



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2235 Polvorosa Ave , Suite 230, San Leandro, CA 94577

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Received: 01/13/12 9:00 AM  
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Project: **003.12**  
**STDC**  
**Monteca Farm House**

EMSL Proj:  
Analysis Date: 1/14/2012

**Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy**


Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
4-04-12x12 Floor Tile <i>091200504-0004</i>		Gray Non-Fibrous Heterogeneous		98% Non-fibrous (other)	<b>2% Chrysotile</b>
			HA: 4		
5-05-Mastic <i>091200504-0005</i>		Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	<b>None Detected</b>
			HA: 5		
6-06-Sheetrock <i>091200504-0006</i>	Office	Brown/White Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	<b>None Detected</b>
			HA: 6		
6-06-Texture <i>091200504-0006A</i>	Office	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	<b>&lt;1% Chrysotile</b>
			HA: 6		
7-07-Texture <i>091200504-0007</i>	Office	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	<b>&lt;1% Chrysotile</b>
			HA: 7		

Initial report from 01/15/2012 12:41:36

Analyst(s)  

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*Rui Cindy Geng (10)*

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Baojia Ke, Laboratory Manager  
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101048-3, MA AA000201, WA C2007

# Appendix C



## DEPARTMENT OF INDUSTRIAL RELATIONS

Division of Occupational Safety and Health

Asbestos Unit

2211 Park Towne Circle, Suite 1

Sacramento, CA 95825-0414

(916) 574-2993 Office (916) 483-0572 Fax

<http://www.dir.ca.gov/dir/databases.html> [actu@dir.ca.gov](mailto:actu@dir.ca.gov)

502073746C

275

Stockton Environmental

Randolph Lewis Brooke

319 E. Banbury Drive

Stockton

' CA 95207

January 25, 2011

Dear Certified Asbestos Consultant or Technician:

Enclosed is your certification card. **To maintain your certification, you must abide by the rules printed on the back of the certification card.**

Your certification is valid for a period of one year. If you wish to renew your certification, you must apply for renewal at least 60 days before the expiration date shown on your card. [8 CCR 341.15(h)(1)].

Please hold and do not send copies of your required AHERA refresher renewal certificates to our office until you apply for renewal of your certification.

Certificates must be kept current if you are actively working as a CAC or CSST. The grace period is only for those who are not actively working as an asbestos consultant or site surveillance technician.

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

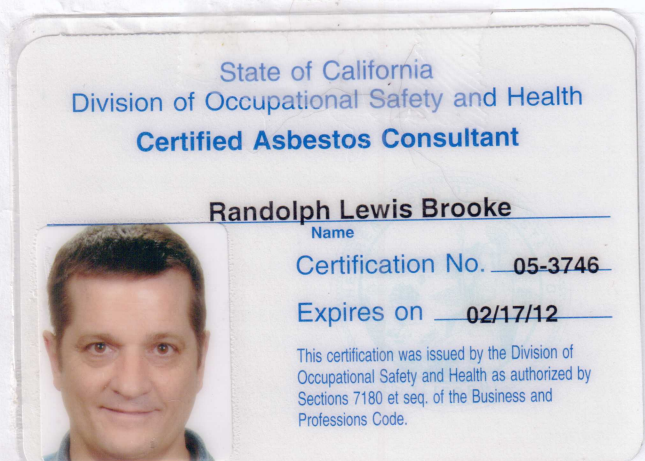
Sincerely,

Jeff Ferrell

Senior Industrial Hygienist

Attachment: Certification Card

cc: File





CALIFORNIA STATE

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM BRANCH

**CERTIFICATE OF ENVIRONMENTAL ACCREDITATION**

Is hereby granted to

**EMSL ANALYTICAL, INC.**

**SAN LEANDRO**

2235 POLVOROSA AVENUE, SUITE 230

SAN LEANDRO, CA 94577

Scope of the certificate is limited to the  
"Fields of Testing"  
which accompany this Certificate.

Continued accredited status depends on successful completion of on-site,  
proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of  
Section 100825, et seq. of the Health and Safety Code.

Certificate No.: **1620**  
Expiration Date: **09/30/2011**  
Effective Date: **10/01/2009**

Richmond, California  
subject to forfeiture or revocation

George C. Kulasingam, Ph.D., Chief  
Environmental Laboratory Accreditation Program Branch



CALIFORNIA DEPARTMENT OF PUBLIC HEALTH  
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM  
Accredited Fields of Testing



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**EMSL ANALYTICAL, INC.**

SAN LEANDRO  
2235 POLVOROSA AVENUE, SUITE 230  
SAN LEANDRO, CA 94577  
Phone: (510) 895-3675

Certificate No.: 1620  
Renew Date: 9/30/2011

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**Field of Testing:** 103 - Toxic Chemical Elements of Drinking Water

103.300	001	Asbestos	EPA 100.1
103.301	001	Asbestos	EPA 100.2

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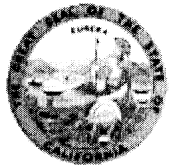
**Field of Testing:** 121 - Bulk Asbestos Analysis of Hazardous Waste

121.010	001	Bulk Asbestos	EPA 600/M4-82-020
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MARK B HORTON, MD, MSPH  
Director

State of California—Health and Human Services Agency  
California Department of Public Health



ARNOLD SCHWARZENEGGER  
Governor

September 29, 2010

BAOJIA KE, Ph. D.  
EMSL ANALYTICAL, INC.  
2235 POLVOROSA AVENUE, SUITE 230  
SAN LEANDRO, CA 94577

Dear BAOJIA KE, Ph. D.:

Certificate No. 1620

This is to advise you that the laboratory named above has been certified as an environmental testing laboratory pursuant to the provisions of the Health and Safety Code (HSC), Division 101, Part 1, Chapter 4, Section 100825, et seq.

The Fields of Testing for which this laboratory has been certified are indicated on the enclosed "Fields of Testing." The certificate shall remain in effect until **September 30, 2011** unless it is revoked. This certificate is subject to an annual fee as prescribed by HSC 100860(a).

The application for renewal of this certificate must be received before the expiration date of this certificate to remain in force according to the HSC 100845(a).

Any changes in laboratory location or structural alterations, which may affect adversely the quality of analysis in the Fields of Testing for which this laboratory has been granted a certificate, require prior notification. Notification is also required for changes in ownership or laboratory director within 30 days after the change (HSC, Section 100845(b) and (d)).

Your continued cooperation with the above requirements is essential for maintaining the high quality of the data produced by environmental laboratories certified by the State of California.

If you have any questions, please contact Karen Lee at (510) 620-3155.

Sincerely,

George C. Kulasingam, Ph.D., Chief  
Environmental Laboratory Accreditation Program Branch

Enclosure