



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 R1
03/12/12

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EXECUTIVE SUMMARY

Introduction:

On January 11, and February 23, 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 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.

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

***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.

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

09.003.09	Rolled Roofing 2 nd Layer - Entire Roof	None Detected
10.003.10	Felt Paper Bottom Layer - Entire Roof	None Detected

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

FINDINGS AND RECOMMENDATIONS

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

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,

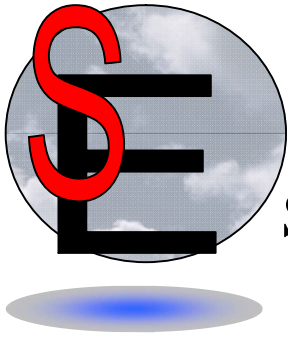
Randolph Brooke

(Randy) Randolph Brooke

Cal-OSHA Certified Asbestos Consultant

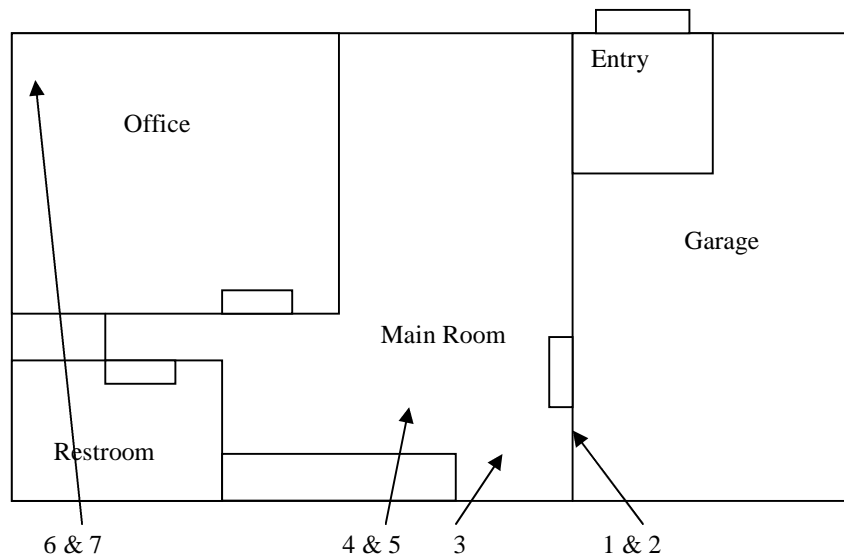
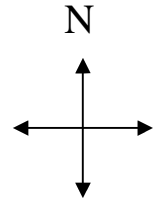
Certification #05-3746

Appendix A



STOCKTON ENVIRONMENTAL

Map of Manteca Farmhouse
SE Job # 003.12



Appendix B



EMSL Analytical, Inc

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

Phone: (510) 895-3675 Fax: (510) 895-3680 Email: 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)

Rui Cindy Geng (10)



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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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)	2% Chrysotile
			HA: 4		
5-05-Mastic <i>091200504-0005</i>		Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 5		
6-06-Sheetrock <i>091200504-0006</i>	Office	Brown/White Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
			HA: 6		
6-06-Texture <i>091200504-0006A</i>	Office	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	<1% Chrysotile
			HA: 6		
7-07-Texture <i>091200504-0007</i>	Office	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	<1% Chrysotile
			HA: 7		

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

Analyst(s)

Rui Cindy Geng (10)



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

STOCKTON ENVIRONMENTAL BULK SAMPLING / CHAIN OF CUSTODY FORM

091200504

Project Name: STDC

Specific Location: Mantera Farm House

Technician: Rm

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

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

Pg. 1 of 1
P.O.#: _____

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	Water Ceiling - Kitchen (Smooth)
4	04	Roof Tile 12x12	(Text)
5	05	Roof Tile	(Text)
6	06	Sheet Rock wall	(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

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



502073746C

275

Stockton Environmental
 Randolph Lewis Brooke
 319 E. Banbury Drive
 Stockton

CA 95207

February 08, 2012

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/ mailing 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



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

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

103.300	001	Asbestos	EPA 100.1
103.301	001	Asbestos	EPA 100.2

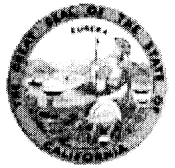
Field of Testing: 121 - Bulk Asbestos Analysis of Hazardous Waste

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