



## Transmittal of Field Inspection Results

To:	Castle Construction 835 West Mission Street Santa Barbara, CA 93101	From:	William Miller FCG Environmental
Attn:	Jason Tapia	Date:	April 23, 2013
Subject:	Asbestos Testing of Acoustic Texture in HVAC Closet 138 Verona Avenue, Goleta CA 93117		

This transmittal report is being forwarded to provide results of asbestos testing conducted on Monday, April 17, 2013 at 138 Verona Avenue, Santa Barbara. Testing of the acoustic ceiling texture in the entry hall HVAC Closet was conducted to determine asbestos content prior to removal or disturbance.

**Asbestos:** Bulk samples were collected from suspect asbestos containing materials for submittal to a qualified laboratory for analysis. All bulk samples were analyzed by Forensic Analytical, a state-certified laboratory located in Rancho Dominguez, CA. All samples were analyzed by polarized light microscopy (PLM), to determine asbestos fiber concentrations in bulk building material samples. PLM is applicable for the analysis of building survey submissions and other bulk materials. Please see the attached laboratory analytical report.

**Results:** The results of our field testing indicate the following:

- Asbestos: The bulk samples collected and analyzed from the acoustic texture in the entry hall HVAC closet were positive for asbestos (2% Chrysotile).

**Conclusion:** The acoustic texture in the entry hall HVAC closet must be handled in accordance with applicable federal, state and local regulations. Disturbance activities should be performed only by properly trained abatement contractors using appropriate controls to prevent fiber emissions during the removal process. This may include the use of wet methods (water mist), negative pressure containment, HEPA filtration and other engineering controls to keep asbestos fibers from being dispersed.

**Limitations:** This survey was limited to the materials tested during this inspection as noted above. If additional suspect materials are to be disturbed, further testing is recommended. Please contact us at 805 646-1995 if you have any questions.

William A. Miller, Staff Professional  
CA Certified Site Surveillance Technician  
CSST #07-4160

Alan Forbess, Principal Consultant  
CA Certified Asbestos Consultant #94-1549

Attachments: Lab Report with Chain-of-Custody Form



# Bulk Asbestos Analysis

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

FCG Environmental  
Alan Forbess  
1009 Mercer Avenue  
Ojai, CA 93023

**Client ID:** 7238  
**Report Number:** B176180  
**Date Received:** 04/18/13  
**Date Analyzed:** 04/18/13  
**Date Printed:** 04/18/13  
**First Reported:** 04/18/13

**Job ID/Site:** Castle Const. -11A; 138 Verona, Goleta

**FALI Job ID:** 7238

**Date(s) Collected:** 04/17/2013

**Total Samples Submitted:** 3

**Total Samples Analyzed:** 1

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
<b>1</b>	50796910						
	Layer: Off-White Semi-Fibrous Material	Chrysotile	2 %				
	Layer: Paint		ND				
Total Composite Values of Fibrous Components:		<b>Asbestos (2%)</b>					
Cellulose (Trace)							
<b>2</b>	50796911	Comment: Sample not analyzed due to prior positive result in series.					
<b>3</b>	50796912	Comment: Sample not analyzed due to prior positive result in series.					

Steven Takahashi, Laboratory Supervisor, Rancho Dominguez Laboratory

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

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Client Name & Address: FCG (Forbess Consulting Group, Inc.)  
1009 Mercer Avenue  
Ojai, CA 93023

Client No.: 7238

PO / Job#: CASTLE CONST - 11A Date: 4/17/13

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: Alan Forbess, President

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

Phone: (805) 646-1995 Fax:

E-mail: aforbess@fcgenviron.com fcg.bill@gmail.com

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

Site: 138 VERONA, GOLETA  
 Metals Analysis: Method:

Site Location:

Matrix:

Analytes:

Comments: Analyze to 1st Pos. per Bill M. J. Carith 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	
1	4/17/13	ACOUSTIC TEXTURE HVAC COSET	A P C				
2	↓	↓	A P C				
3	↓	↓	A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				

Sampled By: BILL MILLER Date: 4/17/13 Time: 10:00 AM

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

Relinquished By: <u>[Signature]</u> Date / Time: <u>4/17/13 - 1200</u>	Relinquished By: Date / Time:	Relinquished By: Date / Time:
Received By: <u>Carith Conier</u> Date / Time: <u>4-18-13 9:30 AM</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