

ESESIS Environmental Corp

5601 Edmond Ave., Suite A1

Waco, Texas 76710

254-751-1961 < Fax 254-235-7038

License # 10-0340

ASBESTOS SURVEY

Vacant Building

215 West 3rd

Clifton, Texas

Completion date: August 16, 2010

PERFORMED BY:

Chad Cole

LICENSES

Charles Thorn

Department of State Health Services

Individual Asbestos Consultant

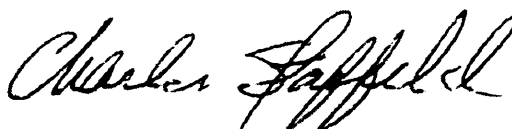
10-5047 (12/28/12)

Charles Staffeld

Department of State Health Services

Individual Asbestos Consultant

10-5691 (01/24/12)



Chad Cole

Department of State Health Services

Asbestos Management Planner

20-5607 (07/13/2012)

Chris Bolton

Department of State Health Services

Individual Asbestos Inspector

60-2359 (12/04/12)

ASBESTOS SURVEY

ESESIS Environmental Corp. performed an asbestos sampling inspection for asbestos at Vacant Building, 215 West 3rd Clifton, Texas.

This inspection was performed by **Chad Cole** a Texas Department of Health licensed asbestos inspector of ESESIS Environmental Corp. Completion date for this inspection was **August 16, 2010**

ACM are assessed as being friable or non-friable. Friable ACM can be pulverized into dust by finger pressure, when dry. ACM that is friable has a higher potential for fiber release than the non-friable variety. The EPA has defined ACM as any material with an asbestos content of greater than one percent (1%).

Suspect asbestos containing materials have been divided into the following categories:

Surfacing Materials	Troweled on texture and spray-on ceilings.
Thermal Insulation	Pipe and boiler insulation.
Miscellaneous Material	Floor tile - sheet goods, ceiling tile, sheetrock, joint compound, etc.

This inspection was an AHERA like inspection and was conducted as such. Materials not sampled during this inspection include concrete, wood, metal doors, in-place electrical wiring and other hidden and/or inaccessible components and materials. No destructive sampling was conducted. The sampling was limited to those areas visible and accessible on interior surfaces of the structure. No sampling was conducted on the roof area. A total of **18 samples** were taken and analyzed. Every room or unit was not sampled. Representative samples were collected from material that was assumed to be homogenous based on outward appearance. **Due to the inspection being non- destructive, ESESIS is not responsible for suspect ACM that may exist behind concealing walls, under flooring and/or carpet, above false ceilings, in chases, inaccessible areas, etc.**

LIMITATIONS

This document is prepared for the exclusive use of our client as an Asbestos Survey to provide guidelines in location and handling asbestos materials for the property located at:

Vacant Building, 215 West 3rd, Clifton, Texas.

The procedures utilized to gather the data upon which this report is based, as well as the preparation of this report, were performed in accordance with generally accepted practices and principles of the Asbestos Consulting industry, and with the same degree of care, skill, and accuracy generally used by professionals in the industry, under the same or similar conditions within the geographic area in which this investigation was conducted. The opinions, observations, findings and recommendations contained in this report were based on professional judgment of the data obtained during investigation of the site and results of bulk analysis of samples collected. ESESIS Environmental Corp and retained consultants represent that they utilized due diligence and reasonable care to effect an evaluation of the asbestos considerations and to designate and define areas of asbestos concern. ESESIS Environmental Corp and retained Consultants cannot assume responsibility for determining, locating or reporting concealed, latent or hidden environmental concerns which are not reasonably apparent to ESESIS and other retained professional personnel in conducting its inspection or discovered during testing of the samples.

This report is not intended to convey the opinion that the site contains no other hazardous or toxic material beyond that observed or found by ESESIS Environmental Corp and retained consultants during the site investigation and analysis of bulk samples analyzed.

This report shall be addressed to owner, and may be relied upon by him and his respective attorneys, officers, direct heirs, assigns and representatives as applicable.

Other than indicated above, ESESIS Environmental Corp. and retained consultants make no other warranty, expressed or implied, with regard to any report generated; the work performed by ESESIS Environmental Corp and retained consultants in the course of investigations of the site, analyzation of samples or the preparation of this report.

SAMPLE ANALYSIS

The asbestos samples were analyzed by EMSL Analytical Inc. using Polarized Light Microscopy (PLM) with dispersion staining techniques in accordance with the EPA's "Interim Method for the Determination of Asbestos in Bulk Insulation Samples", (40 CFR, Part 763, Sub-part F, Appendix A).). EMSL Analytical, Inc., Westmont, New Jersey is NVLAP accredited and licensed by the Texas Department of Health. License # 30-0159

REVIEW OF BUILDING CONSTRUCTION

Construction plans for the remodeling were not available for review. The construction of the building and contained rooms, facilities and mechanical appeared to conform to typical design for building uses of this type and as such, it is likely that standard and available building materials were used for the time the building as subsequent modifications were made.

REVIEW OF SUSPECT ASBESTOS MATERIALS

A visual inspection of exposed and accessible building materials was made of each interior space at the subject facility, where available. The purpose of the inspection was to identify any suspect ACM in readily visible areas of the structure and of the areas that will be affected by any planned renovations or repairs. A total of **18 bulk** suspect asbestos containing material samples were removed and analyzed by PLM. Other items within the structures that were not readily visible may also be considered as suspect, and may, in fact, contain asbestos, but this report is limited to the analysis of only **1** selected areas, considered homogeneous, for actual asbestos sample analysis. This report is an AHERA designed report and samples were collected that, in the opinion of the inspector, were homogenous.

Homogeneous areas that were identified and sampled are included in the Lab report Chain of Custody.

OBSERVATIONS

Materials were noted to be in satisfactory condition.

The Asbestos survey is limited only to the areas sampled.

Due to the inspection being non- destructive, ESESIS is not responsible for suspect ACM that may exist behind concealing walls, under flooring and/or carpet, above false ceilings, in chases, inaccessible areas, etc.

CONCLUSIONS

The Asbestos survey is limited only to the area sampled on the Chain of Custody.

None of the materials tested were found to contain asbestos in amounts >1%,

RECOMMENDATIONS

None of the materials tested were found to contain asbestos, therefore need not be manipulated by a TDH licensed asbestos abatement contractor or placed into an aggressive asbestos maintenance plan.

ASBESTOS SAMPLE ANALYSIS RESULTS

Sample No.	Location / Material	Results
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1. SEE ATTACHED LABORATORY REPORTS.



Asbestos Lab Services Chain of Custody

EMSL Order Number (Lab Use Only):

041018018

Corporate -
Westmont/Cinnaminson, NJ
200 Route 130 North
Cinnaminson, NJ 08077
PHONE: 1-800-220-3675
FAX: (856) 858-4960

Company: ESESIS Environmental Corp		EMSL-Bill to: ☒ Same ☐ Different If Bill to is Different note instructions in Comments** Third Party Billing requires written authorization from third party	
Street: 5601 Edmond Dr.			
City/State/Zip: Waco, TX 76710			
Report To (Name): Chad Cole		Fax: 254-235-7038	
Telephone: 254-733-1160		Email Address: chadesesis@grandecom.net	
Project Name/Number: 10W185 215 West 3rd Clifton TX			
Please Provide Results: Email		Purchase Order:	
		State Samples Taken: TX	
Turnaround Time (TAT) Options* - Please Check			
☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☒ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week			
*For TEM Air 3 hours/6 hours, please call ahead to schedule. There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.			
PCM - Air ☐ NIOSH 7400 ☐ w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) ☒ PLM EPA 800/R-93/118 (<1%) ☐ PLM EPA NOB (<1%) Point Count ☐ 400 (<0.25%) ☐ 1000 (<0.1%) Point Count w/Gravimetric ☐ 400 (<0.25%) ☐ 1000 (<0.1%) ☐ NYS 198.1 (friable in NY) ☐ NYS 198.6 NOB (non-friable-NY) ☐ NIOSH 9002 (<1%)		TEM - Air ☐ 4-4.5hr TAT (AHERA only) ☐ AHERA 40 CFR, Part 763 ☐ NIOSH 7402 ☐ EPA Level II ☐ ISO 10312 TEM - Bulk ☐ TEM EPA NOB ☐ NYS NOB 198.4 (non-friable-NY) ☐ Chatfield SOP ☐ TEM Mass Analysis-EPA 800 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm ☐ Waste ☐ Drinking All Fiber Sizes ☐ Waste ☐ Drinking	
		TEM - Dust ☐ Microvac - ASTM D 5755 ☐ Wipe - ASTM D6480 ☐ Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite ☐ PLM CARB 435 - A (0.25% sensitivity) ☐ PLM CARB 435 - B (0.1% sensitivity) ☐ TEM CARB 435 - B (0.1% sensitivity) ☐ TEM CARB 435 - C (0.01% sensitivity) ☐ EPA Protocol (Semi-Quantitative) ☐ EPA Protocol (Quantitative) Other:	
☐ Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name:		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
01	Brick Mortar interior walls		
02	" "		
03	" " exterior walls		
04	window caulk exterior windows		
05	" "		
06	" "		
07	Plaster skim Coat front room wall 2		
08	" "		
Client Sample # (s):		Total # of Samples:	
Relinquished (Client):		Date: 8-10-10	Time:
Received (Lab): DMSB-PX-9A		Date: 8-11-10	Time:
Comments/Special Instructions:			

SAMPLES ACCEPTED
 FOR ANALYSIS BY
 EMSL ANALYTICAL INC



Asbestos Lab Services Chain of Custody

EMSL Order Number (Lab Use Only):

041018018

Corporate -
Westmont/Cinnaminson, NJ
200 Route 130 North
Cinnaminson, NJ 08077
PHONE: 1-800-220-9675
FAX: (856) 456-4960

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
9			
10	Plaster - finished	Garage Area	
11	"	"	
12	"	"	
13	Spray on Acoustic	Front Room	
14	"	"	
15	"	"	
16	Insulation	Front Room	
17	"	"	
18	"	"	

Comments/Special Instructions:

SAMPLES ACCEPTED
FOR ANALYSIS BY
EMSL ANALYTICAL, INC.

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 858-4800 Fax: (856) 786-5974 Email: westmontaslab@EMSL.com

Attn: **Chad Cole**
ESESIS Environmental Corporation
5601 Edmond Ave
Suite A-1
Waco, TX 76710

Customer ID: ESES50
Customer PO:
Received: 08/11/10 9:00 AM
EMSL Order: 041018018

Fax: (254) 235-7038 Phone: (254) 751-1961
Project: **IOW183 215 WEST 3RD CLIFTON TX**

EMSL Proj:
Analysis Date: 8/15/2010

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
01 041018018-0001	INTERIOR WALLS - BRICK MORTAR	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
02 041018018-0002	INTERIOR WALLS - BRICK MORTAR	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
03 041018018-0003	EXTERIOR WALLS - BRICK MORTAR	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
04 041018018-0004	EXTERIOR WALLS - WINDOW CAULK	Various Non-Fibrous Heterogeneous		100% Non-fibrous (other)	<1% Chrysotile
05 041018018-0005	EXTERIOR WALLS - WINDOW CAULK	Various Non-Fibrous Heterogeneous		100% Non-fibrous (other)	<1% Chrysotile
06 041018018-0006	EXTERIOR WALLS - WINDOW CAULK	Various Non-Fibrous Heterogeneous		100% Non-fibrous (other)	<1% Chrysotile
07 041018018-0007	FRONT ROOM WAIT 2 - PLASTER SKIM COAT	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

Initial report from 08/16/2010 07:45:59

Analyst(s)

Jerry Cherian (16)
Leslie McCluskey (2)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

EMSL maintains liability limited to the 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. This report must not be used by the client to claim product certification, approval or endorsement by NVLAP, NIST or any agency of the federal government. The test results contained within this report meet the requirements of NELAP unless otherwise specified. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. 200 Route 130 North, Cinnaminson NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

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Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
08 041018018-0008	FRONT ROOM WAIT 2 - PLASTER SKIM COAT	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
09 041018018-0009	FRONT ROOM WAIT 2 - PLASTER SKIM COAT	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
10 041018018-0010	GARAGE AREA - PLASTER - FINISHED	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
11 041018018-0011	GARAGE AREA - PLASTER - FINISHED	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
12 041018018-0012	GARAGE AREA - PLASTER - FINISHED	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
13 041018018-0013	FRONT ROOM - SPRAY ON ACOUSTIC	Brown/White Fibrous Heterogeneous	15% Cellulose	85% Non-fibrous (other)	<1% Chrysotile
suggest tem					

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EMSL Proj:
Analysis Date: 8/15/2010

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos			Asbestos
			%	Fibrous	% Non-Fibrous	% Type
14 041018018-0014	FRONT ROOM - SPRAY ON ACOUSTIC	Brown/White Fibrous Heterogeneous	15%	Cellulose	85% Non-fibrous (other)	<1% Chrysotile
suggest tem						
15 041018018-0015	FRONT ROOM - SPRAY ON ACOUSTIC	White Non-Fibrous Heterogeneous			100% Non-fibrous (other)	<1% Chrysotile
suggest tem						
16 041018018-0016	FRONT ROOM - INSULATION	Various Fibrous Heterogeneous	30% 50%	Cellulose Glass	20% Non-fibrous (other)	None Detected
17 041018018-0017	FRONT ROOM - INSULATION	Various Fibrous Heterogeneous	30% 50%	Cellulose Glass	20% Non-fibrous (other)	None Detected
18 041018018-0018	FRONT ROOM - INSULATION	Various Fibrous Heterogeneous	30% 50%	Cellulose Glass	20% Non-fibrous (other)	None Detected

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