



environmental consulting solutions
523 W. Sunnybrook Drive, Royal Oak, Michigan 48073

August 30, 2014

Mr. Richard Higgins
Norstar Development USA, L.P.
733 Broadway
Albany, New York 12207

**Re: Asbestos Containing Material Survey
3401 Platt Road, Ann Arbor, Michigan
ECS Project N100-0006**

Dear Mr. Higgins,

Environmental Consulting Solutions, LLC (ECS) has completed the pre-demolition asbestos containing material survey (ACM Survey) for the referenced property in Ann Arbor, Michigan.

ECS contracted American Environmental Consultants (AEC) to perform the survey. The asbestos survey was performed on August 13, 2014 by an accredited Asbestos Inspector in general accordance with NESHAP Guidelines. The ACM Survey targeted readily accessible building materials and included the collection and analysis of bulk samples. Samples were analyzed by the polarized light microscopy (PLM) method. Please note that the ACM Survey level of effort was based on the understanding that the subject building was owned by another party and occupied, and therefore destructive methods to access areas/materials that were not readily observable (i.e. within wall/ceiling cavities, below finished flooring etc.) was performed. Therefore, it is possible that additional suspect materials may be encountered during demolition activities

The results of the ACM survey indicated that white 9x9 floor tile (approximately 150 square feet) in the utility room of the 3401 Platt Road unit was found to contain asbestos and is deemed an ACM. No other ACMs were identified. Please refer to the attached AEC report for survey details and analytical results.

Thank you for the opportunity to provide this service to you. If you have any questions, please contact us at 248-763-3639.

Sincerely,
ENVIRONMENTAL RESOURCES GROUP, LLC

A handwritten signature in black ink that reads 'Andrew J. Foerg'.

Andrew J. Foerg, CPG
President

Enclosure

ASBESTOS CONTAINING MATERIALS SURVEY

FOR THE PROPERTY AT:

3401-05 Platt
Ann Arbor, MI 48108

PREPARED FOR:

Environmental Consulting Solutions LLC.
523 West Sunneybrook
Royal Oak, Michigan 48073

PERFORMED BY:

American Environmental Consultants, LLC
12838 Gavel
Detroit, Michigan 48227
Ph: (313) 491-2600
Fax: (313) 491-2601
www.aecmi.net

DATE:

August 13, 2014

PROJECT NUMBER:

1478-14004

Table of Contents

Table of Contents	1
Executive Summary	3
Introduction	3
Observations	3
Methodology	3
Results	4
Removal Options, Recommendations, Costs	6
Other Hazardous Materials	6
Conclusion	6
Limitations	6
Appendix A- Site Maps	8
Appendix B – Certificates of Analysis	9
Appendix C – Site Photographs	10

Executive Summary

American Environmental Consultants, LLC (AEC) was contracted by the Environmental Consulting Solutions, LLC to perform an Asbestos Containing Materials (ACM) Survey at 3401-05 Platt in Ann Arbor, Michigan. The survey was completed on August 13, 2014.

The following is a summary of the asbestos containing materials identified in the building which will require special handling during any renovation or demolition activities.

- 150 SF of 9" x 9" white floor tile in the utility room of 3401

Introduction

AEC representatives George Watkins (Inspector #A12543) and Matt Rodgers gained access to the duplex on August 13, 2014. AEC was to complete an asbestos containing materials survey of accessible areas of the subject property. The subject property is scheduled for demolition. AEC visually identified and sampled suspect asbestos containing materials.

AEC was allowed access to all interior/exterior areas of the building. AEC attempted to inspect for hidden asbestos containing materials without disturbing the structure or integrity of the subject property.

Observations

AEC inspected all of the areas of the subject property. The finishing components were plaster and drywall walls and ceilings, floor tile (9x9), ceiling panels (2' x 4'), ceiling tiles (1' x 2') and roof shingles. The subject property was built of brick construction. AEC has attached site pictures in Appendix C depicting the site conditions.

Methodology

The survey was completed in accordance with the regulations stated in the Asbestos Hazard Emergency Response Act (AHERA) and the National Emission Standards For Hazardous Air Pollutants (NESHAP). A modified triplicate random sampling method of homogeneous area materials was utilized for the sampling procedure. The modified sampling procedure performed was 3-7 samples for surfacing materials, 3 samples for thermal systems insulation, and 3 samples for miscellaneous materials. The samples were collected in a manner to prevent release of fibers while sampling the suspect asbestos containing materials (SACM). Utensils were cleaned after each sample was collected to prevent cross contamination of samples. AEC personnel took personal protective measures. The individual samples were placed into airtight leak proof labeled containers to be transported to the laboratory.

The samples were submitted under chain of custody to EMSL Analytical, Inc. in Ann Arbor, Michigan for bulk sample analysis. The laboratory is an American Industrial Hygiene Association (AIHA) accredited laboratory. A standard turn-around time was indicated on the Chains of Custody.

The bulk samples were analyzed by EMSL in general accordance with the protocols described in the EPA 600/R-93/116 Method for bulk sample analysis. This method utilizes polarized light microscopy (PLM) for the detection of asbestos fibers. Asbestos cannot accurately be detected with this method if the materials contain less than 10% asbestos and the EPA recommends that the samples be re-analyzed by the EPA Point Count Method. All 1% or less asbestos containing samples will be deemed non-asbestos containing for the purposes of this survey.

Results

Samples were collected of 6 visible suspect asbestos containing material homogeneous sampling areas. Based on appearances and type of materials, suspect ACMs were grouped into homogeneous sampling areas (HA) and representative bulk samples were collected. For example: ceiling tile located in different functional spaces (i.e., living room and bedrooms) found to be uniform in texture, color and appeared similar in every other aspect was considered one HA. AEC attempted to collect at least three samples of the various homogeneous materials where possible and practical or as necessary.

The laboratory analyzed a total of 32 samples including layers. The laboratory can separate individual samples into homogeneous layers at their discretion. The following table displays the homogeneous area materials sampled:

**Table 1
3401-05 Platt, Ann Arbor, MI
August 13, 2014
Sampled ACM and Laboratory Results**

Sample Number	Material Description and General Location	Homogeneous Area	Quantity*	Friable(F)/Non Friable(NF) and Condition	Asbestos Present (Y/N)- % Type
3401-1-CP-A,B,C	2' x 4' Ceiling Panel	HA-1	800 SF	F- Good Condition	N
	Kitchen, Bathroom and Living Room				
3401-2-CT-A,B,C	1' x 2' Ceiling Tile	HA-2	144 SF	F- Good Condition	N
	Bedroom				

Sample Number	Material Description and General Location	Homogeneous Area	Quantity*	Friable(F)/Non Friable(NF) and Condition	Asbestos Present (Y/N)- % Type
3401-3-DS-A,B,C	Drywall Systems	HA-3	1100 SF	F- Good Condition	< 1% Chrysotile
	3401				
3401-4-FT-A,B,C	9" x 9" Floor Tile- White	HA-4	150 SF	NF- Good Condition	3% Chrysotile
	Utility Room				
3405-1-PL-A,B,C	Plaster	HA-5	1100 SF	F- Good Condition	N
	3405				
3405-2-SH-A,B,C	Roof Shingles	HA-6	350 SF	NF- Good Condition	N
	Exterior				

*Quantities are estimated

The laboratory Certificates of Analysis and Chain of Custodies are located in Appendix B for further review.

The friable and non-friable classification in the table describes how easily the material can be broken apart. A friable material is a material that can be crushed/ pulverized by human pressure. A non-friable material is a material that cannot be crushed/ pulverized by human pressure. The condition is a classification of the physical state that the material is in at the time of the sampling. There are three physical condition assessments that are applied to the condition of the material: good condition, damaged condition, and severely damaged condition. A material in good condition has no visible damage or deterioration. A material in a damaged condition has damage or deterioration on less than ten percent of the surface. A material that is severely damaged has damage or deterioration on ten percent or more of the surface area.

Asbestos Containing Materials

The following table describes the ACM that was identified as a result of the sampling.

**Table 2
3401-05 Platt, Ann Arbor, MI
Asbestos Containing Materials**

Asbestos Containing Material	Locations	Quantity*
9" x 9" Floor Tile- White	Utility Room of Unit 3401	150 SF

*Quantities are estimated

The 9" x 9" white floor tile in the utility room was found to contain asbestos and is deemed an asbestos containing material.

Removal Options, Recommendations, Costs

Floor Tile

If the flooring is to be disturbed, it must be by a licensed asbestos contractor utilizing approved fiber release controls with properly trained personnel. The flooring must be handled as ACM waste and sent to an appropriate landfill.

Other Hazardous Materials

AEC did not observe any other hazardous materials at the subject property during the onsite investigation.

Conclusion

Asbestos containing materials were identified at the subject property and will require special handling and disposal if disturbed during demolition activities. The floor tile in the utility room of unit 3401 was found to contain asbestos. Proper precautions and abatement must be used if disturbed.

Limitations

The information and opinions obtained in this report are for the exclusive use of AEC's Client. No distribution to or reliance by other parties may occur without the express written permission of AEC. AEC will not distribute this report without your written consent or as required by law or Court order. The information and opinions that are contained in this report are given in light of that assignment. The report must be reviewed and relied upon only in conjunction with the

terms and conditions expressly agreed upon by the parties and as limited therein. Any third parties who have been extended the right to rely on the contents of this report by AEC (which is expressly required prior to any third party release), expressly agrees to be bound by the original terms and conditions entered into by AEC and Client.

Subject to the above terms and conditions, AEC accepts responsibility for the competent performance of its duties in executing the assignment and preparing reports in accordance with the normal standards of the profession, but disclaims any responsibility for consequential damages. Although AEC believes that the results contained herein are reliable, AEC cannot warrant or guarantee that the information provided is exhaustive or that the information provided by Client or third parties is complete or accurate.

AEC appreciates the opportunity to be of service to your organization and looks forward to working with you on future projects. If you have any questions regarding this report please feel free to contact us at our office at 313-491-2600.

Sincerely,

American Environmental Consultants, LLC

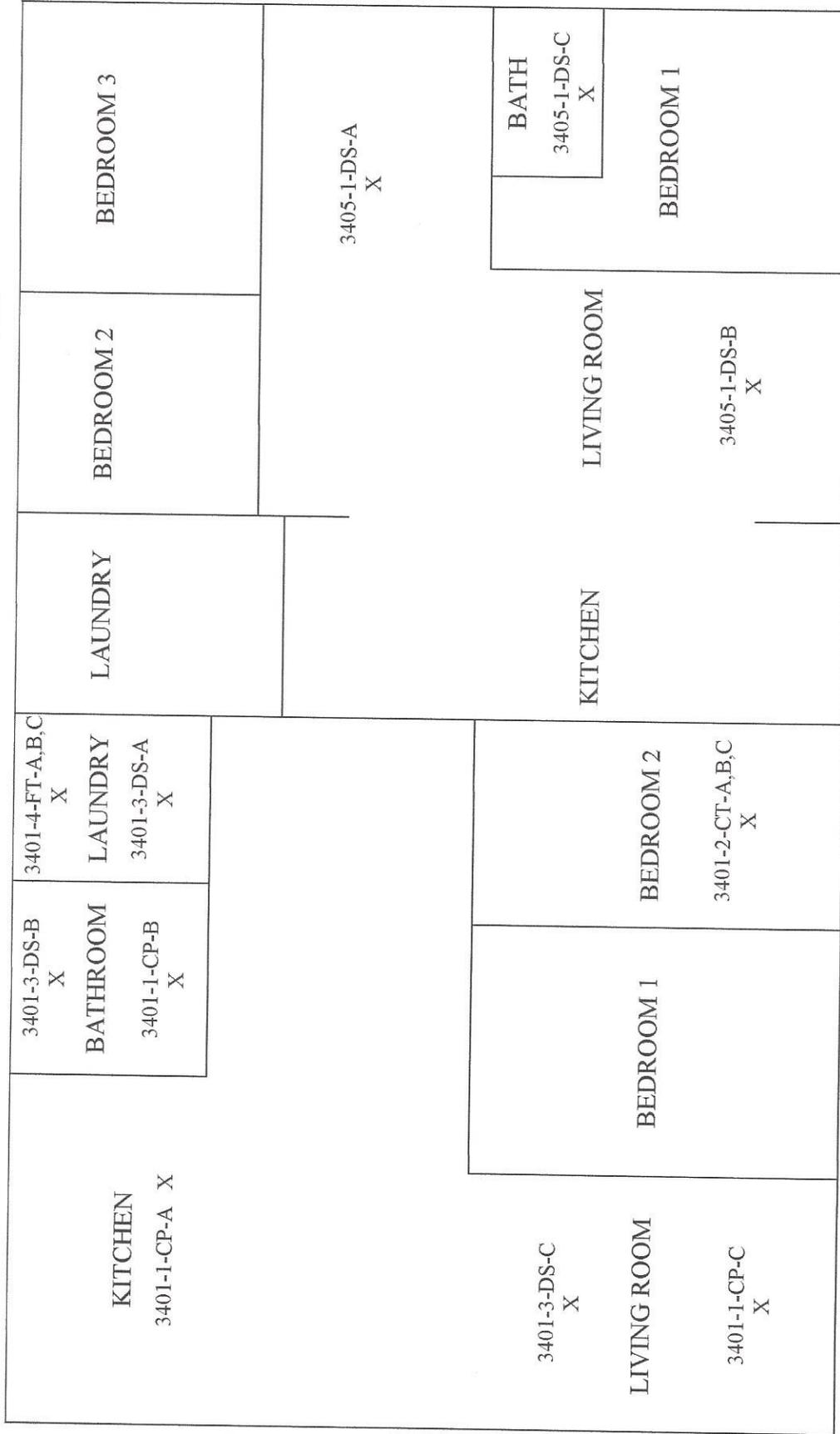


Jeffrey A. Fox
Project Manager

Appendix A Site Maps

3401

3405



3405-2-SH-A,B,C X

NOT TO SCALE



12838 Gavel, Detroit, MI 48227

Ph: 313-491-2600 Fax: 313-491-2601

FIGURE #: 1

PROJECT NO: 1478-14004

DRAWN BY: Matt Rodgers

MAP DESCRIPTION: 3401-05 Platt, Ann Arbor, MI 48108

DATE: 8/13/2014

Appendix B Certificates of Analysis



EMSL Analytical, Inc.

212 South Wagner Road, Ann Arbor, MI 48103

Phone/Fax: (734) 668-6810 / (734) 668-8532

<http://www.EMSL.com>

annarborlab@emsl.com

EMSL Order: 081402295

CustomerID: AECL77

CustomerPO:

ProjectID:

Attn: **Jef Fox**
American Environmental Consultants
12838 Gavel Street
Detroit, MI 48227

Phone: (313) 491-2600
Fax: (313) 491-2601
Received: 08/18/14 3:50 PM
Analysis Date: 8/20/2014
Collected:

Project: 3401 Platt, Ann Arbor, MI.

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
3401-1-CP-A 081402295-0001	Ceiling Panel	Gray Fibrous Homogeneous	50% Cellulose 8% Min. Wool	30% Perlite 12% Non-fibrous (other)	None Detected
3401-1-CP-B 081402295-0002	Ceiling Panel	Gray/White Fibrous Homogeneous	50% Cellulose 10% Min. Wool	25% Perlite 15% Non-fibrous (other)	None Detected
3401-1-CP-C 081402295-0003	Ceiling Panel	Gray/White Fibrous Homogeneous	60% Cellulose 12% Min. Wool	15% Perlite 13% Non-fibrous (other)	None Detected
3401-2-CT-A 081402295-0004	Ceiling Tile	Brown/White Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
3401-2-CT-B 081402295-0005	Ceiling Tile	Brown/White Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (other)	None Detected
3401-2-CT-C 081402295-0006	Ceiling Tile	Brown/White Fibrous Homogeneous	97% Cellulose	3% Non-fibrous (other)	None Detected
3401-3-DS-A 081402295-0007	Joint Compound A	White Non-Fibrous Homogeneous		20% Ca Carbonate 80% Non-fibrous (other)	None Detected
3401-3-DS-A 081402295-0007A	Tape	White/Beige Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected

Analyst(s)

Orlando J. Ivey II (7)
Ryan Shannon (13)

Chris Dojlidko, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Ann Arbor, MI NVLAP Lab Code 101048-4

Initial report from 08/20/2014 11:56:55



EMSL Analytical, Inc.

212 South Wagner Road, Ann Arbor, MI 48103

Phone/Fax: (734) 668-6810 / (734) 668-8532

<http://www.EMSL.com>

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EMSL Order:	081402295
CustomerID:	AECL77
CustomerPO:	
ProjectID:	

Attn: **Jef Fox**
American Environmental Consultants
12838 Gavel Street
Detroit, MI 48227

Phone: (313) 491-2600
 Fax: (313) 491-2601
 Received: 08/18/14 3:50 PM
 Analysis Date: 8/20/2014
 Collected:

Project: 3401 Platt, Ann Arbor, MI.

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
3401-3-DS-A 081402295-0007B	Joint Compound B	White Non-Fibrous Homogeneous		15% Ca Carbonate 85% Non-fibrous (other)	<1% Chrysotile
3401-3-DS-A 081402295-0007C	Drywall	Brown/White Fibrous Heterogeneous	35% Cellulose	65% Non-fibrous (other)	None Detected
3401-3-DS-B 081402295-0008	Drywall Systems	Gray/White Non-Fibrous Homogeneous	<1% Cellulose	10% Ca Carbonate 90% Non-fibrous (other)	None Detected
3401-3-DS-C 081402295-0009	Joint Compound	White Fibrous Homogeneous	6% Cellulose	94% Non-fibrous (other)	<1% Chrysotile
3401-3-DS-C 081402295-0009A	Tape	Gray Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (other)	None Detected
3401-3-DS-C 081402295-0009B	Drywall	Gray Fibrous Homogeneous	8% Cellulose	92% Non-fibrous (other)	None Detected
3401-4FT-A 081402295-0010	Floor Tile	Gray Non-Fibrous Homogeneous		97% Non-fibrous (other)	3% Chrysotile
3401-4FT-A 081402295-0010A	Adhesive	Various Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected

Analyst(s)

Orlando J. Ivey II (7)
Ryan Shannon (13)

Chris Dojlidko, Laboratory Manager
or other approved signatory

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 Samples analyzed by EMSL Analytical, Inc. Ann Arbor, MI NVLAP Lab Code 101048-4

Initial report from 08/20/2014 11:56:55



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212 South Wagner Road, Ann Arbor, MI 48103
Phone/Fax: (734) 668-6810 / (734) 668-8532
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EMSL Order: 081402295
CustomerID: AECL77
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Attn: **Jef Fox**
American Environmental Consultants
12838 Gavel Street
Detroit, MI 48227

Phone: (313) 491-2600
Fax: (313) 491-2601
Received: 08/18/14 3:50 PM
Analysis Date: 8/20/2014
Collected:

Project: 3401 Platt, Ann Arbor, MI.

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
3401-4FT-B 081402295-0011	Floor Tile	Gray Non-Fibrous Homogeneous		97% Non-fibrous (other)	3% Chrysotile
3401-4FT-B 081402295-0011A	Adhesive/Leveler	Gray/Yellow Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
3401-4FT-C 081402295-0012	Floor Tile	Gray/Tan Fibrous Homogeneous		97% Non-fibrous (other)	3% Chrysotile
3401-4FT-C 081402295-0012A	Adhesive/Leveler	Gray/Tan Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

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EMSL Order: 081402296
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Attn: **Jef Fox**
American Environmental Consultants
12838 Gavel Street
Detroit, MI 48227

Phone: (313) 491-2600
 Fax: (313) 491-2601
 Received: 08/18/14 2:10 PM
 Analysis Date: 8/20/2014
 Collected:

Project: 3405 Platt, Ann Arbor MI.

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
3405-1-PL-A 081402296-0001	Finish Coat	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
3405-1-PL-A 081402296-0001A	Base Coat	Gray Fibrous Homogeneous	<1% Cellulose	10% Quartz 90% Non-fibrous (other)	None Detected
3405-1-PL-B 081402296-0002	Finish Coat	White Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
3405-1-PL-B 081402296-0002A	Base Coat	Gray Fibrous Homogeneous	<1% Cellulose	5% Quartz 95% Non-fibrous (other)	None Detected
3405-1-PL-C 081402296-0003	Finish Coat	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
3405-1-PL-C 081402296-0003A	Base Coat	Gray Fibrous Homogeneous	2% Cellulose	7% Quartz 91% Non-fibrous (other)	None Detected
3405-2-SH-A 081402296-0004	Shingle	Brown/Black Fibrous Heterogeneous	25% Cellulose	75% Non-fibrous (other)	None Detected
3405-2-SH-A 081402296-0004A	Tar Paper	Black Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (other)	None Detected

Analyst(s)
 Orlando J. Ivey II (4)
 Ryan Shannon (8)

Chris Dojliko
 Chris Dojliko, Laboratory Manager
 or other approved signatory

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 Samples analyzed by EMSL Analytical, Inc. Ann Arbor, MI NVLAP Lab Code 101048-4

Initial report from 08/20/2014 11:58:40



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Phone: (313) 491-2600
Fax: (313) 491-2601
Received: 08/18/14 2:10 PM
Analysis Date: 8/20/2014
Collected:

Project: 3405 Platt, Ann Arbor MI.

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
3405-2-SH-B <i>081402296-0005</i>	Shingle	Brown/Black Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected
3405-2-SH-B <i>081402296-0005A</i>	Tar Paper	Black Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
3405-2-SH-C <i>081402296-0006</i>	Shingle	Tan/Red/Black Fibrous Heterogeneous	2% Cellulose 10% Glass	88% Non-fibrous (other)	None Detected
3405-2-SH-C <i>081402296-0006A</i>	Tar Paper	Black Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected

Analyst(s) _____

Orlando J. Ivey II (4)
Ryan Shannon (8)

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or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Ann Arbor, MI NVLAP Lab Code 101048-4

Initial report from 08/20/2014 11:58:40



EMSL ANALYTICAL INC
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

081402295

Ann Arbor, MI 48103
Phone: (734) 668-6810
Fax: (734) 668-8532

Company: American Environmental Consultants		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same <small>If Bill to is Different note instructions in Comments**</small>	
Street: 12838 Gavel Street		Third Party Billing requires written authorization from third party	
City: Detroit	State/Province: MI	Zip/Postal Code: 48227	Country: United States
Report To (Name): Jef Fox		Telephone #: 313-491-2600	
Email Address: jfox@aecmi.net		Fax #: 313-491-2601	Purchase Order:
Project Name/Number: 710 Platt, Ann Arbor, Mich		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
U.S. State Samples Taken: MI		Connecticut Samples: <input type="checkbox"/> Commercial <input type="checkbox"/> Residential	

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 hr through 6 hr, 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 <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)	TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique Other: <input type="checkbox"/>
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Check For Positive Stop - Clearly Identify Homogenous Group

Filter Pore Size (Air Samples): 0.8µm 0.45µm

Samplers Name: *George Watkins* Samplers Signature: *George Watkins*

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
3401-1-CP-A	2x4 Ceiling Panel Kitchen		
3401-1-CP-B	2x4 Ceiling Panel Bathroom		
3401-1-CP-C	2x4 Ceiling Panel Living Room		
3401-2-CT-A	1x2 Ceiling Tile Bedroom		
3401-2-CT-B	1x2 Ceiling Tile Bedroom		
3401-2-CT-C	1x2 Ceiling Tile Bedroom		

Client Sample # (s): *12* Total # of Samples: *12*

Relinquished (Client): *George Watkins* Date: *8-13-14* Time:

Received (Lab): *[Signature]* Date: *8/18/14* Time: *3:50 pm*

Comments/Special Instructions: *WALK 1*



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

081402296

Ann Arbor, MI 48103
PHONE: (734) 668-6810
FAX: (734) 668-8532

Company: American Environmental Consultants		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same <small>If Bill to is Different note instructions in Comments**</small>	
Street: 12838 Gavel Street		<i>Third Party Billing requires written authorization from third party</i>	
City: Detroit	State/Province: MI	Zip/Postal Code: 48227	Country: United States
Report To (Name): Jef Fox		Telephone #: 313-491-2600	
Email Address: jfox@aecmi.net		Fax #: 313-491-2601	Purchase Order:
Project Name/Number: 3405 Platt, Ann Arbor, MI 48105		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
U.S. State Samples Taken: MI		Connecticut Samples: <input type="checkbox"/> Commercial <input type="checkbox"/> Residential	

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 hr through 6 hr, 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 <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA	TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312	TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)
PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)	TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique Other: <input type="checkbox"/>

Check For Positive Stop - Clearly identify Homogenous Group Filter Pore Size (Air Samples): 0.8µm 0.45µm

Samplers Name: George Watkins Samplers Signature: George Watkins

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
3405-1-PL-A	Plaster HALLWAY		
3405-1-PL-B	Plaster Living Room		
3405-1-PL-C	Plaster Bathroom		
3405-2-sh-A	Roof Shingles exterior		
3405-2-sh-B	Roof Shingles exterior		
3405-2-sh-C	Roof Shingles exterior		

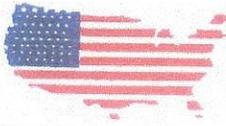
Client Sample # (s): 6 Total # of Samples: 6

Relinquished (Client): George Watkins Date: 8-13-14 Time: _____

Received (Lab): [Signature] Date: 8/14/14 Time: 3:50pm

Comments/Special Instructions: WALK in

Appendix C Site Photographs



Site Name:	3401 Platt	Project Number:	1478-14004
Street Address:	3401 Platt	City, State, Zip:	Ann Arbor, MI 48108

Photo Number:
1

Photographer:
Matt Rodgers

Date:
8/13/2014

Description:

View of ACM floor tile

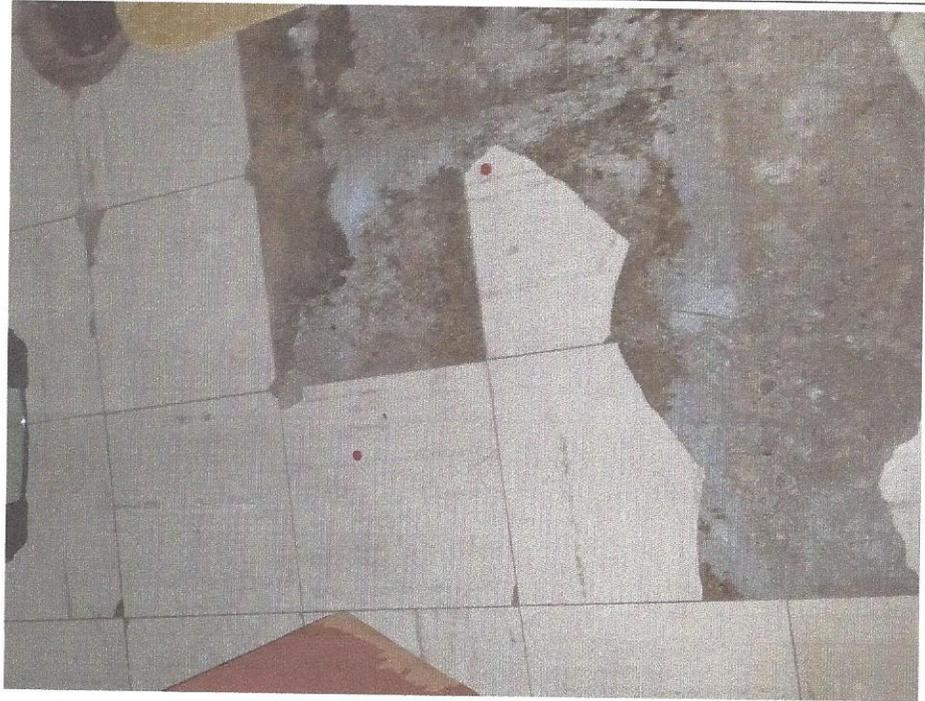


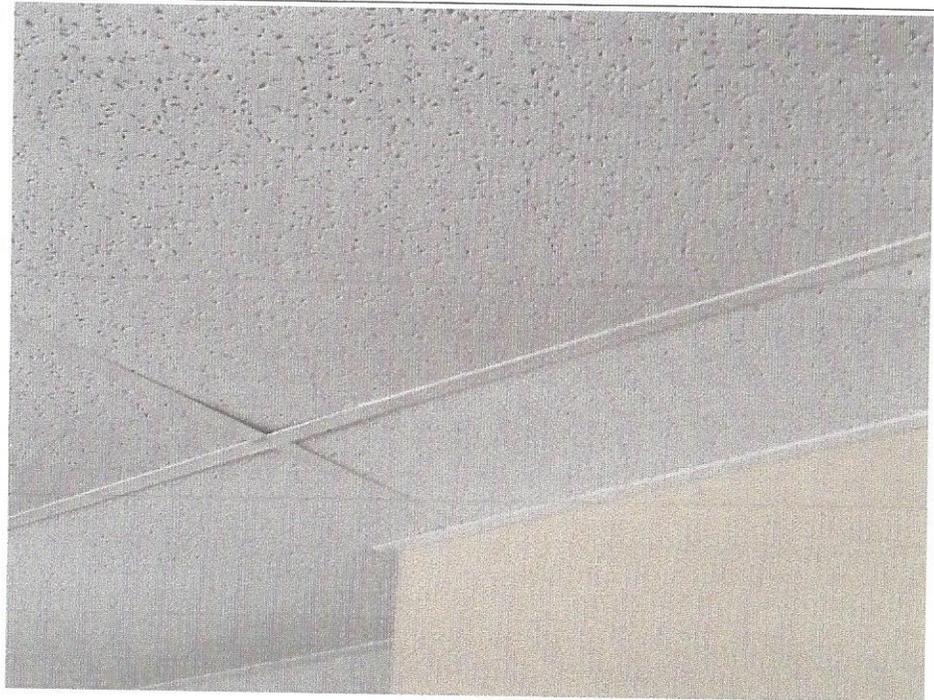
Photo Number:
2

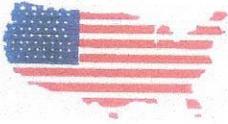
Photographer:
Matt Rodgers

Date:
8/13/2014

Description:

View of NACM ceiling panel





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CONSULTANTS, L.L.C.**

PHOTOGRAPHIC LOG

12838 Gavel, Detroit, MI 48227 Phone: 313-491-2600 Fax: 313-491-2601

Site Name:	3401 Platt	Project Number:	1478-14004
Street Address:	3401 Platt	City, State, Zip:	Ann Arbor, MI 48108
Photo Number: 3			
Photographer: Matt Rodgers			
Date: 8/13/2014			
Description: View of NACM ceiling tile			