

CITY OF ST. CHARLES

INVITATION TO BID:

Residential Demolition Services

Bid Due: Thursday April 7, 2016 at 2:00 p.m.

ADDENDUM #1 – Thursday, March 31, 2016

Please Note:

1. The bid opening date has been extended. The new bid opening date will be Thursday, April 7, 2013 at 2:00 p.m. at the St. Charles City Hall, located at 2 E. Main St., St. Charles, IL 60174.
2. The new deadline to submit questions regarding this project will be 12:00 p.m. on Monday, April 4, 2016. All questions should be directed to Tony Bellafiore in writing at tbellafiore@stcharlesil.gov.
3. Asbestos inspection reports are attached to this addendum. Per the inspection reports, the scope shall include the following:
 - a. Removal of six basement windows with interior asbestos containing window glazing from the former residence at 115 South Ninth Avenue.
 - b. Removal of approximately 270 square feet of asbestos containing linoleum from the kitchen, first floor back room, and scattered throughout the residence; and approximately 20 square feet of asbestos containing HVAC duct wrap from the basement vents in the former residence at 811 Illinois Avenue.
 - c. Removal of approximately 15 square feet of asbestos containing floor tile and mastic from the lower level hallway of the former residence at 904 South Avenue.

NOTE: Any asbestos material not identified in the inspection shall be removed and properly disposed of.

THIS ADDENDUM MUST BE INCLUDED WITH THE SUBMITTED PROPOSAL

*Providing Quality Service
Since 1994*

**Midwest
Environmental
Consulting Services, Inc.**

Consultants ◀ Engineers ◀ Scientists

NESHAP ASBESTOS SURVEY

Performed For:

CITY OF ST. CHARLES

2 E. Main Street
St. Charles, IL 60174

Project Location:



FORMER RESIDENCE

*115 S. 9th Avenue
St. Charles, IL 60174*

Inspection Date: March 28, 2016

MEC Project #: 16-03-221-INSP

CITY OF ST. CHARLES
FORMER RESIDENCE
115 S. 9th Avenue
St. Charles, IL 60174

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MEC Project #: 16-03-221-INSP

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Section 1:

Introduction:

Midwest Environmental Consulting Services, Inc. (MEC) was retained by the City of St. Charles to conduct a comprehensive National Emission Standards for Hazardous Air Pollutants (NESHAP) survey for suspect asbestos-containing materials (ACM) for the Former Residence located at 115 S. 9th Avenue, St. Charles, Illinois, 60174. The asbestos inspection was performed on March 28, 2016. This comprehensive NESHAP inspection was intended to address the potential existence of ACM on the interior and exterior prior to future planned demolition of the structure.

Section 2:

Protocol:

The bulk sampling strategy is based upon the protocol of homogeneous areas established by the United States Environmental Protection Agency (USEPA). A homogeneous sampling area (HSA) is defined as an area of material that is uniform in color, texture, construction, general appearance, and date of installation.

Bulk samples of suspect ACM were analyzed by Polarized Light Microscopy (PLM) utilizing the EPA-600/M4-82-020 Method. Bulk samples were analyzed using Asbestos Hazard Emergency Response Act (AHERA) "positive stop" protocol, meaning each sample of each HSA group is analyzed until asbestos is found in the HSA or all samples in the group are analyzed and are negative for asbestos content.

Section 3:

Building Description:

The Former Residence is a one-story single family residence. The building was constructed on a concrete foundation and has a basement. The building contains approximately 2,000 square feet of usable space. The flooring consists of wood and is covered by various types of wood and ceramic tile and carpeting. Interior walls are wood stud framing and covered with drywall. The exterior walls are constructed with wood. The pitched roof consists of asphalt-based shingles.

Section 4:

Scope of Work:

The inspection was to address the following objectives:

- * Observe, assess, and collect bulk samples of friable and non-friable asbestos containing building materials within the specific scope of work.
- * The inspection was intended to identify all homogeneous areas, and did not attempt to identify or address any other environmental health hazards.
- * The scope of work did not include identifying all potential concerns or eliminate possible risks.

A total of eight (8) homogeneous areas were identified within the scope of work and of the eight (8) homogeneous areas, one (1) homogeneous area tested positive for asbestos content. Zero (0) homogeneous areas were assumed to contain asbestos.

Inspection Performed For:
CITY OF ST. CHARLES
2 E. Main Street
St. Charles, IL 60174
MEC Project #: 16-03-221-INSP

Asbestos-Containing Materials:

- **MMA - Interior Window Glazing**

Assumed Asbestos-Containing Materials:

- **None**

Section 5:

Executive Summary:

Standard practice requires that the owner provide Certified-As-Built drawings for review by the inspector. At the time of the inspection, these drawings were not available. Therefore, the accuracy of the inspection can only be based on the materials that were accessible or known about prior to the inspection. If a suspect material is identified during demolition, all work shall stop immediately until the materials can be sampled for asbestos content.

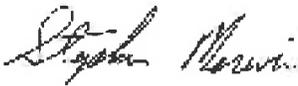
During renovation or demolition, it is recommended that a project design, project oversight, and air monitoring be in place prior to any asbestos abatement work being conducted. An Illinois Department of Public Health licensed asbestos abatement contractor must be in place prior to any asbestos abatement activities.

Prior to any planned renovation or demolition taking place, Midwest Environmental Consulting Services, Inc., strongly recommends that either the client contact Midwest Environmental Consulting Services, Inc., or the Illinois Department of Public Health or the Illinois Environmental Protection Agency in regards to applicable rules and regulations.

This survey report is for the exclusive use of City of St. Charles and its respective affiliates, designees, successors, and assignees, and no other party shall have any right to rely on service provided by Midwest Environmental Consulting Services, Inc., without prior written consent. This asbestos survey is not intended to be a scope of work or project design. Estimated quantities of materials are for information only and should not be utilized for abatement bidding purposes.

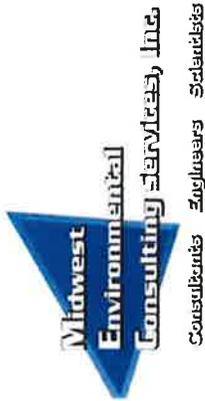
Although Midwest Environmental Consulting Services, Inc., has attempted to identify all suspect asbestos materials located on the inside of the building; some materials may have been inaccessible. Midwest Environmental Consulting Services, Inc. makes no warranty, expressed or implied.

Sincerely,



Stephen Merwin
DPH-Licensed Asbestos Building Inspector 100-02871

Inspection Performed For:
CITY OF ST. CHARLES
2 E. Main Street
St. Charles, IL 60174
MEC Project #: 16-03-221-INSP



Asbestos Bulk Sample Field Summary Table

Client: CITY OF ST. CHARLES

Project Location: FORMER RESIDENCE

MEC Project #: 16-03-221-INS

Address: 2 E. Main Street

Address: 115 S. 9th Avenue

Insp. Date: March 28, 2016

Inspector: Stephen Merwin

St. Charles, IL 60174

St. Charles, IL 60174

IDPH #: 100-02871

H S A	MATERIAL DESCRIPTION	MATERIAL LOCATION	ACM CATEGORY	TYPE OF ANALYSIS OR ASSUMED	MATERIAL CONDITION	MATERIAL TYPE	APPROX. QUANTITY	ACM YES/NO	COMMENTS
MDA	Drywall w/Compound & Tape	Throughout	Friable	PLM	Good	M	6,000 S.F.	No	N/A
MMA	Interior Window Glazing	Basement	Friable	PLM	G	M	6 Windows	Yes	N/A
MMB	Black Tar Paper on Wood Floor	1st Floor	Friable	PLM	G	M	800 S.F.	No	N/A
MFA	12"x12" Ceramic Tile/Grout - Beige	Bathroom - Basement & 1st Floor	Category I - Non-Friable	PLM	G	M	90 S.F.	No	On Floor & Walls
MFB	Cementitious Underlayment	Bathroom - Basement & 1st Floor	Category II - Non-Friable	PLM	G	M	70 S.F.	No	Under MFA-Floor
MMC	Wall Tile/Adhesive	Bathroom - Basement & 1st Floor	Category II - Non-Friable	PLM	G	M	150 S.F.	No	N/A
MMD	Blown-In Insulation	Attic	Friable	PLM	G	M	875 S.F.	No	N/A
MRA	Asphalt Roofing Shingles w/Tar Paper	Roof	Category I - Non-Friable	PLM	G	M	1,000 S.F.	No	N/A

ACM Category Classification:

Friable Asbestos-Containing Material = A friable ACM is a material containing more than 1% asbestos that can easily be crumbled, pulverized, or reduced to powder by hand pressure when it is dry.
Category I Non-Friable Asbestos-Containing Material = Any asbestos-containing packet, gasket, resilient floor covering, mastic, or asphalt roofing product that contains more than 1% asbestos.
Category II Non-Friable Asbestos-Containing Material = Any material excluding Category I Non-Friable material containing more than 1% asbestos that when dry cannot be crumbled, pulverized, or reduced to powder by hand pressure or mechanical forces expected to act on the material.

Analysis Type: PLM = Polarized Light Microscopy TEM = Transmission Electron Microscopy Assumed = Material was not tested and is assumed to contain ACM.

Condition: G = Good D = Damaged SD = Significantly Damaged

Material Type: M = Miscellaneous S = Surfacing T = Thermal

CITY OF ST. CHARLES

FORMER RESIDENCE

115 S. 9th Avenue

St. Charles, IL 60174



Homogeneous Area:	MDA
Material Description:	Drywall w/Compound & Tape
Material Location:	Throughout
ACM Y/N:	No

Comments: N/A



Homogeneous Area:	MMA
Material Description:	Interior Window Glazing
Material Location:	Basement
ACM Y/N:	Yes

Comments: N/A

CITY OF ST. CHARLES

FORMER RESIDENCE

115 S. 9th Avenue

St. Charles, IL 60174



Homogeneous Area:	MMB
Material Description:	Black Tar Paper on Wood Floor
Material Location:	1st Floor
ACM Y/N:	No

Comments: N/A



Homogeneous Area:	MFA
Material Description:	12"x12"Ceramic Tile/Grout - Beige
Material Location:	Bathroom - Basement & 1st Floor
ACM Y/N:	No

Comments: On Floor & Walls

CITY OF ST. CHARLES

FORMER RESIDENCE

115 S. 9th Avenue

St. Charles, IL 60174



Homogeneous Area:	MFB
Material Description:	Cementitious Underlayment
Material Location:	Bathroom - Basement & 1st Floor
ACM Y/N:	No

Comments: Under MFA-Floor



Homogeneous Area:	MMC
Material Description:	Wall Tile/Adhesive
Material Location:	Bathroom - Basement & 1st Floor
ACM Y/N:	No

Comments: N/A

CITY OF ST. CHARLES

FORMER RESIDENCE

115 S. 9th Avenue

St. Charles, IL 60174



Homogeneous Area:	MMD
Material Description:	Blown-In Insulation
Material Location:	Attic
ACM Y/N:	No

Comments: N/A



Homogeneous Area:	MRA
Material Description:	Asphalt Roofing Shingles w/Tar Paper
Material Location:	Roof
ACM Y/N:	No

Comments: N/A



1612 W. Fulton Street
 Chicago, Illinois 60612
 312.850.3300 t 312.850.3303 f
 mtl@metrotechlab.com



NVLAP Lab Code 200721-0

Polarized Light Microscopy Asbestos Analysis Report
 Method EPA-600/M4-82-020

MTL Batch #: 12436
Date Received: 3/29/16
Received By: C. Hernandez
Date Analyzed: 3/29/16
Analyzed By: N. Ledesma
Date Reported: 3/29/16
Turnaround Time: 1 Day

Client: S. Merwin
 Midwest Env. Consulting Services,
 Inc.
 4 Bonnie Lane
 Yorkville, IL 60560
 (630) 553-3989 t

Project Name: City of St. Charles
Project #: 16-03-221-INSP
 115 S. 9th Ave.

Project Location: St. Charles, IL 60174

This report does not constitute any approval or endorsement by NVLAP, NIST, or any Federal Government agency.

MTL Sample ID	Client Sample ID	Material Description	Color	Hom	Asbestos	%	Non Asbestos	%
12436 - 1	MDA-1	Drywall w/Compound & Tape	Grey White	No	ND		Cellulose Binder	10-15 85-90
12436 - 2	MDA-2	Drywall w/Compound & Tape	Grey White	No	ND		Cellulose Binder	10-15 85-90
12436 - 3	MDA-3	Drywall w/Compound & Tape	Grey White	No	ND		Cellulose Binder	10-15 85-90
12436 - 4	MMA-1	Window Glazing	Beige	Yes	Chrysotile		Binder	95-99
12436 - 5	MMA-2	Window Glazing			NA			
12436 - 6	MMA-3	Window Glazing			NA			
12436 - 7	MMB-1	Tar Paper	Black	Yes	ND		Cellulose Binder	80-85 15-20
12436 - 8	MMB-2	Tar Paper	Black	Yes	ND		Cellulose Binder	80-85 15-20
12436 - 9	MMB-3	Tar Paper	Black	Yes	ND		Cellulose Binder	80-85 15-20

The information within this report is only associated with the specific items tested.

3/29/2016

Analyzed by:

NA = Sample Not Analyzed
 Hom = Homogeneous
 ND = Asbestos Not Detected
 Page 1 of 4



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115 S. 9th Ave.

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MTL Sample ID	Client Sample ID	Material Description	Color	Hom	Asbestos	%	Non Asbestos	%
12436 - 10	MFA-1	Ceramic Tile	Beige	Yes	ND		Binder	99-100
12436 - 11	MFA-2	Ceramic Tile	Beige	Yes	ND		Binder	99-100
12436 - 12	MFA-3	Ceramic Tile	Beige	Yes	ND		Binder	99-100
12436 - 13	MFA-1G	Grout	Grey	Yes	ND		Binder Quartz	90-95 5-10
12436 - 14	MFA-2G	Grout	Grey	Yes	ND		Binder Quartz	90-95 5-10
12436 - 15	MFA-3G	Grout	Grey	Yes	ND		Binder Quartz	90-95 5-10
12436 - 16	MFB-1	Cementitious Underlayment	Grey	Yes	ND		Binder Quartz	85-90 10-15
12436 - 17	MFB-2	Cementitious Underlayment	Grey	Yes	ND		Binder Quartz	85-90 10-15
12436 - 18	MFB-3	Cementitious Underlayment	Grey	Yes	ND		Binder Quartz	85-90 10-15

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3/29/2016

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MTL Sample ID	Client Sample ID	Material Description	Color	Hom	Asbestos	%	Non Asbestos	%
12436 - 19	MMC-1	Wall Tile	Brown	Yes	ND		Binder	99-100
12436 - 20	MMC-2	Wall Tile	Brown	Yes	ND		Binder	99-100
12436 - 21	MMC-3	Wall Tile	Brown	Yes	ND		Binder	99-100
12436 - 22	MMC-1A	Adhesive	Grey White	Yes	ND		Binder Quartz	90-95 5-10
12436 - 23	MMC-2A	Adhesive	Grey White	Yes	ND		Binder Quartz	90-95 5-10
12436 - 24	MMC-3A	Adhesive	Grey White	Yes	ND		Binder Quartz	90-95 5-10
12436 - 25	MMD-1	Insulation	Grey	Yes	ND		Cellulose	99-100
12436 - 26	MMD-2	Insulation	Grey	Yes	ND		Cellulose	99-100
12436 - 27	MMD-3	Insulation	Grey	Yes	ND		Cellulose	99-100

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3/29/2016

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Project Location: 115 S. 9th Ave.

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MTL Sample ID	Client Sample ID	Material Description	Color	Hom	Asbestos	%	Non Asbestos	%
12436 - 28	MRA-1	Asphalt Roofing Shingle	Black	Yes	ND		Cellulose Binder Fiber Glass	10-15 80-85 1-5
12436 - 29	MRA-2	Asphalt Roofing Shingle	Black	Yes	ND		Cellulose Binder Fiber Glass	10-15 80-85 1-5
12436 - 30	MRA-3	Asphalt Roofing Shingle	Black	Yes	ND		Cellulose Binder Fiber Glass	10-15 80-85 1-5
12436 - 31	MRA-1TP	Tar Paper	Black	Yes	ND		Cellulose Binder	80-85 15-20
12436 - 32	MRA-2TP	Tar Paper	Black	Yes	ND		Cellulose Binder	80-85 15-20
12436 - 33	MRA-3TP	Tar Paper	Black	Yes	ND		Cellulose Binder	80-85 15-20

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3/29/2016

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1612 W. Fulton Street
Chicago, Illinois 60612
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mtl@metrotechlab.com

CHAIN OF CUSTODY PLM BULK

Company: Midwest Environmental Consulting Services, Inc.		Results Needed: 129904	
Project Number: 16-03-221-INSP		Date: _____	Time: _____
Project Name: City of St. Charles		TAT: Immediate: <input type="checkbox"/>	1 Day: <input checked="" type="checkbox"/> 2 Days: <input type="checkbox"/>
Location: Former Residence		3 Days: <input type="checkbox"/>	5 Days: <input type="checkbox"/>
Address: 115 S. 9th Avenue		Stop at First Positive: Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>	Other: _____
Inspector(s): Stephen Merwin		MTL USE ONLY	
Report To: Stephen Merwin@mec-us.com		Samples Acceptable: Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>	
Telephone #: (630) 553-3989		Checked By (Initial/Date): SM 3/29/16	
E-Mail: alutes@mec-us.com ; inelson@mec-us.com			
Sample Number:	Material Description:	Notes:	
MDA 1, 2, 3	Drywall w/Compound & Tape		
MMA 1, 2, 3	Interior Window Glazing		
MMB 1, 2, 3	Black Tar Paper on Wood Floor		
MFA 1, 2, 3	12"x12"Ceramic Tile/Grout- Beige		
MFB 1, 2, 3	Cementitious Underlayment		
MMC 1, 2, 3	Wall Tile/Adhesive		
MMD 1, 2, 3	Blown-In Insulation		
MRA 1, 2, 3	Asphalt Roofing Shingles w/Tar Paper		
1, 2, 3			
1, 2, 3			
1, 2, 3			
1, 2, 3			
1, 2, 3			
1, 2, 3			
1, 2, 3			
18			
Comments:			

Relinquished By: (Signature)	Date/Time: 3/29/16	Relinquished By: (Signature)	Date/Time:
Received By: (Signature)	Date/Time: 3/29/16	Received By: (Signature)	Date/Time:



525-535 West Jefferson Street • Springfield, Illinois 62761-0001 • www.dph.illinois.gov

2/10/2016

STEPHEN D MERWIN
25 W 101 MARBLEHEAD COURT
NAPERVILLE, IL 60540

ASBESTOS PROFESSIONAL LICENSE ID NUMBER: 02871

Enclosed is your Asbestos Professional License that expires 05/15/2017

CERTIFICATE EXPIRATION DATE

INSPECTOR	8/28/2016
MANAGEMENT PLANNER	12/8/2016
PROJECT MANAGER	9/19/2016
AIR SAMPLING PROFESSIONAL	

If you have any questions or need further assistance, contact the Asbestos Program at (217)782-3517 or fax (217)785-5897.

Our WEB address is:

<http://www.dph.illinois.gov/topics-services/environmental-health-protection/asbestos>



**ASBESTOS
PROFESSIONAL
LICENSE**

ID NUMBER	ISSUED	EXPIRES
100 - 02871	2/10/2016	05/15/2017

STEPHEN D MERWIN
25 W 101 MARBLEHEAD COU
NAPERVILLE, IL 60540

Environmental Health



IEA
ally A

ENDORSEMENTS

TC EXPIRES

INSPECTOR	8/28/2016
MANAGEMENT PLANNER	12/8/2016
PROJECT MANAGER	9/19/2016
AIR SAMPLING PROFESSIONAL	

Alteration of this license shall result in legal action
This license issued under authority of the State of Illinois
Department of Public Health
This license is valid only when accompanied by a valid
training course certificate.

2015



OCCUPATIONAL TRAINING & SUPPLY, INC.

7233 S. Adams Street ♦ Willowbrook, IL 60527 ♦ (630) 655-3900

Asbestos Building Inspector Refresher

Occupational Training & Supply, Inc. certifies that
Stephen Merwin

has successfully completed the Asbestos Building Inspector Refresher course and has passed the competency exam with a minimum score of 70%. The course is accredited by the Illinois Department of Public Health and Indiana Department of Environmental Management for purposes of accreditation in accordance with EPA 40 CFR 763, Asbestos Hazard Emergency response Act (AHERA) and TSCA Title II.

Course Date: 8/28/2015

Exam Date: 8/28/2015

Expiration Date: 8/28/2016

Certificate Number: BIR1508283057

A handwritten signature in black ink that reads 'Kathy DeSalvo'.

Kathy DeSalvo, Director



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Metro Technology Laboratory
1612 W. Fulton Street
Chicago, IL 60612-2508
Ms. Victoria Charicki
Phone: 312-850-3300 Fax: 312-491-8900
Email: victoria@metrotechlab.com
<http://www.metrotechlab.com/>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 200721-0

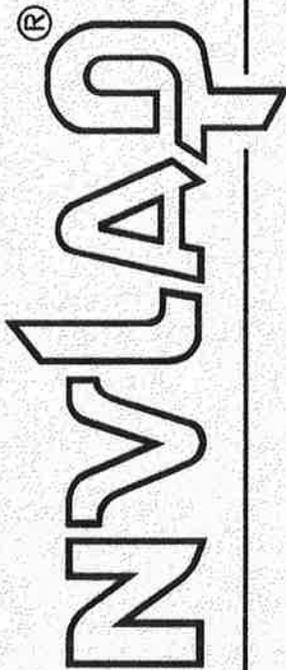
Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA 600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

A handwritten signature in black ink, appearing to read "William R. Mahoney".

For the National Voluntary Laboratory Accreditation Program

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200721-0

Metro Technology Laboratory
Chicago, IL

is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:

Asbestos Fiber Analysis

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communiqué dated January 2009).

2015-10-01 through 2016-09-30

Effective Dates



A handwritten signature in black ink, which appears to read "Alan R. Murphy".

For the National Voluntary Laboratory Accreditation Program

**Midwest
Environmental
Consulting Services, Inc.**

*Providing Quality Service
Since 1994*

Consultants ◀ Engineers ◀ Scientists

NESHAP ASBESTOS SURVEY

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CITY OF ST. CHARLES

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St. Charles, IL 60174

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Section 3:

Building Description:

The Former Residence is a two-story single family residence with a detached garage. The building was constructed on a concrete foundation and has a basement. The building contains approximately 1,700 square feet of usable space. The flooring consists of wood and is covered by various types of tile. Interior walls are exposed wood stud framing and partially covered with plaster. The exterior walls are constructed with wood. The pitched roof consists of asphalt-based shingles.

Section 4:

Scope of Work:

The inspection was to address the following objectives:

- * Observe, assess, and collect bulk samples of friable and non-friable asbestos containing building materials within the specific scope of work.
- * The inspection was intended to identify all homogeneous areas, and did not attempt to identify or address any other environmental health hazards.
- * The scope of work did not include identifying all potential concerns or eliminate possible risks.

A total of fourteen (14) homogeneous areas were identified within the scope of work and of the fourteen (14) homogeneous areas, five (5) homogeneous areas tested positive for asbestos content. Zero (0) homogeneous areas were assumed to contain asbestos.

Inspection Performed For:

CITY OF ST. CHARLES

2 E. Main Street

St. Charles, IL 60174

MEC Project #: 16-03-220-INSP

Asbestos-Containing Materials:

- MFB - Linoleum w/Backing & Adhesive - White w/Gold Specks
- MFC - Linoleum w/Backing & Adhesive - Tan Rectangle Pattern
- TDA - HVAC Duct Wrap
- MFD - Linoleum - w/Backing & Adhesive - Yellow w/Swirls
- MRB - Asphalt Roofing Shingles (House Only)

Assumed Asbestos-Containing Materials:

- None

Section 5:

Executive Summary:

Standard practice requires that the owner provide Certified-As-Built drawings for review by the inspector. At the time of the inspection, these drawings were not available. Therefore, the accuracy of the inspection can only be based on the materials that were accessible or known about prior to the inspection. If a suspect material is identified during demolition, all work shall stop immediately until the materials can be sampled for asbestos content.

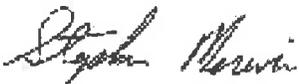
During renovation or demolition, it is recommended that a project design, project oversight, and air monitoring be in place prior to any asbestos abatement work being conducted. An Illinois Department of Public Health licensed asbestos abatement contractor must be in place prior to any asbestos abatement activities.

Prior to any planned renovation or demolition taking place, Midwest Environmental Consulting Services, Inc., strongly recommends that either the client contact Midwest Environmental Consulting Services, Inc., or the Illinois Department of Public Health or the Illinois Environmental Protection Agency in regards to applicable rules and regulations.

This survey report is for the exclusive use of the City of St. Charles and its respective affiliates, designees, successors, and assignees, and no other party shall have any right to rely on service provided by Midwest Environmental Consulting Services, Inc., without prior written consent. This asbestos survey is not intended to be a scope of work or project design. Estimated quantities of materials are for information only and should not be utilized for abatement bidding purposes.

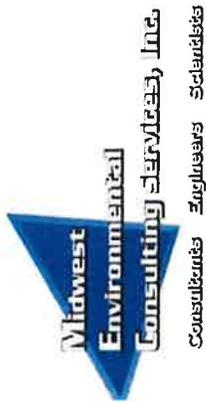
Although Midwest Environmental Consulting Services, Inc., has attempted to identify all suspect asbestos materials located on the inside of the building; some materials may have been inaccessible. Midwest Environmental Consulting Services, Inc. makes no warranty, expressed or implied.

Sincerely,



Stephen Merwin
DPH-Licensed Asbestos Building Inspector 100-02871

Inspection Performed For:
CITY OF ST. CHARLES
2 E. Main Street
St. Charles, IL 60174
MEC Project #: 16-03-220-INSP



Asbestos Bulk Sample Field Summary Table

Client: CITY OF ST. CHARLES

Project Location: FORMER RESIDENCE

MEC Project #: 16-03-220-INSP

Address: 2 E. Main Street

Address: 811 Illinois Avenue

Insp. Date: March 28, 2016

Inspector: Stephen Merwin

St. Charles, IL 60174

St. Charles, IL 60174

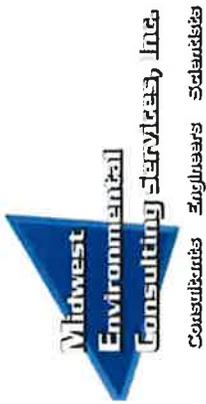
IDPH #: 100-02871

H S A	MATERIAL DESCRIPTION	MATERIAL LOCATION	ACM CATEGORY	TYPE OF ANALYSIS OR ASSUMED	MATERIAL CONDITION	MATERIAL TYPE	APPROX. QUANTITY	ACM YES/NO	COMMENTS
SPA	Plaster	Scattered Areas	Friable	PLM	SD	S	300 S.F.	No	800 SF in Debris
MFA	12x12 Floor Tile - White	2nd Floor	Category I - Non-Friable	PLM	SD	M	100 S.F.	No	N/A
MFB	Linoleum w/Backing & Adhesive-White w/Gold Specks	Scattered - Throughout	Friable	PLM	SD	M	100 S.F.	Yes	N/A
MFC	Linoleum w/Backing & Adhesive-Tan Recangle Pattern	Kitchen	Category I - Non-Friable	PLM	G	M	120 S.F.	Yes	N/A
MMA	Electrical Wiring	Throughout	Friable	PLM	SD	M	100 L.F.	No	N/A
TDA	HVAC Duct Wrap	Basement Vents	Friable	PLM	SD	T	20 S.F.	Yes	N/A
MMB	Interior Door Caulking	Front Foyer	Friable	PLM	G	M	10 S.F.	No	N/A
MMC	Blown-In Insulation	Walls & Floor - Throughout	Friable	PLM	SD	M	2,500 S.F.	No	
MFD	Linoleum - w/Backing & Adhesive - Yellow w/Swirls	1st Floor - Back Room	Category I - Non-Friable	PLM	SD	M	50 S.F.	Yes	N/A

ACM Category Classification:

Friable Asbestos-Containing Material = A friable ACM is a material containing more than 1% asbestos that can easily be crumbled, pulverized, or reduced to powder by hand pressure when it is dry.
 Category I Non-Friable Asbestos-Containing Material = Any asbestos-containing packet, gasket, resilient floor covering, mastic, or asphalt roofing product that contains more than 1% asbestos.
 Category II Non-Friable Asbestos-Containing Material = Any material excluding Category I Non-Friable material containing more than 1% asbestos that when dry cannot be crumbled, pulverized, or reduced to powder by hand pressure or mechanical forces expected to act on the material.

Analysis Type: PLM = Polarized Light Microscopy TEM = Transmission Electron Microscopy Assumed = Material was not tested and is assumed to contain ACM.
 Condition: G = Good D = Damaged SD = Significantly Damaged
 Material Type: M = Miscellaneous S = Surfacing T = Thermal



Asbestos Bulk Sample Field Summary Table

Client: CITY OF ST. CHARLES

Project Location: FORMER RESIDENCE

MEC Project #: 16-03-220-INSP

Address: 2 E. Main Street
St. Charles, IL 60174

Address: 811 Illinois Avenue
St. Charles, IL 60174

Insp. Date: March 28, 2016

Inspector: Stephen Merwin

IDPH #: 100-02871

H S A	MATERIAL DESCRIPTION	MATERIAL LOCATION	ACM CATEGORY	TYPE OF ANALYSIS OR ASSUMED	MATERIAL CONDITION	MATERIAL TYPE	APPROX. QUANTITY	ACM YES/NO	COMMENTS
MMD	Exterior Window Glazing	Basement Windows	Friable	SD	SD	M	5 Windows	No	N/A
MME	Exterior Siding Caulking	Exterior House & Garage	Friable	PLM	D	M	40 S.F.	No	N/A
MRA	Asphalt Roofing	House - Back Porch	Category I - Non-Friable	PLM	G	M	120 S.F.	No	N/A
MRB	Asphalt Roofing Shingles	House	Category I - Non-Friable	PLM	PLM	M	1,200 S.F.	Yes	N/A
MRC	Asphalt Roofing Shingles w/Tar Paper	Garage	Category I - Non-Friable	PLM	D	M	350 S.F.	No	N/A

ACM Category Classification:

Friable Asbestos-Containing Material = A friable ACM is a material containing more than 1% asbestos that can easily be crumbled, pulverized, or reduced to powder by hand pressure when it is dry.
Category I Non-Friable Asbestos-Containing Material = Any asbestos-containing packet, gasket, resilient floor covering, mastic, or asphalt roofing product that contains more than 1% asbestos.
Category II Non-Friable Asbestos-Containing Material = Any material excluding Category I Non-Friable material containing more than 1% asbestos that when dry cannot be crumbled, pulverized, or reduced to powder by hand pressure or mechanical forces expected to act on the material.

Analysis Type: PLM = Polarized Light Microscopy TEM = Transmission Electron Microscopy Assumed = Material was not tested and is assumed to contain ACM.

Condition: G = Good SD = Damaged
Material Type: M = Miscellaneous S = Surfacing T = Thermal

CITY OF ST. CHARLES

FORMER RESIDENCE

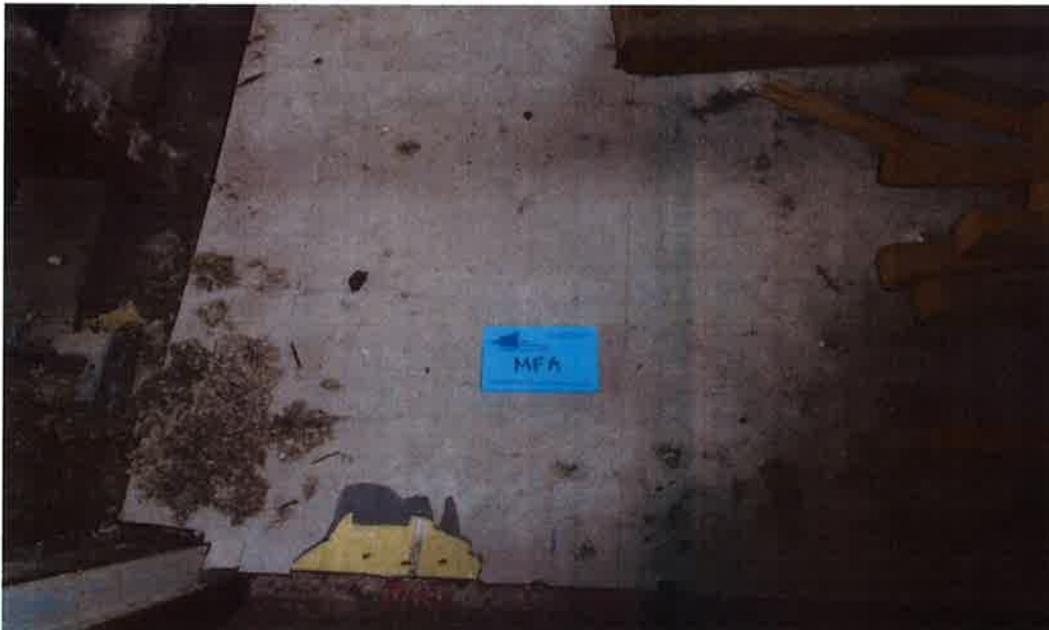
811 Illinois Avenue

St. Charles, IL 60174



Homogeneous Area:	SPA
Material Description:	Plaster
Material Location:	Scattered Areas
ACM Y/N:	No

Comments: 800 SF in Debris



Homogeneous Area:	MFA
Material Description:	12x12 Floor Tile - White
Material Location:	2nd Floor
ACM Y/N:	No

Comments: N/A

CITY OF ST. CHARLES

FORMER RESIDENCE

811 Illinois Avenue

St. Charles, IL 60174



Homogeneous Area:	MFB
Material Description:	Linoleum w/Backing & Adhesive-White w/Gold Specks
Material Location:	Scattered - Throughout
ACM Y/N:	Yes

Comments: N/A



Homogeneous Area:	MFC
Material Description:	Linoleum w/Backing & Adhesive-Tan Recangle Pattern
Material Location:	Kitchen
ACM Y/N:	Yes

Comments: N/A

CITY OF ST. CHARLES

FORMER RESIDENCE

811 Illinois Avenue

St. Charles, IL 60174



Homogeneous Area:	MMA
Material Description:	Electrical Wiring
Material Location:	Throughout
ACM Y/N:	No

Comments: N/A



Homogeneous Area:	TDA
Material Description:	HVAC Duct Wrap
Material Location:	Basement Vents
ACM Y/N:	Yes

Comments: N/A

CITY OF ST. CHARLES

FORMER RESIDENCE

811 Illinois Avenue

St. Charles, IL 60174



Homogeneous Area:	MMB
Material Description:	Interior Door Caulking
Material Location:	Front Foyer
ACM Y/N:	No

Comments: N/A



Homogeneous Area:	MMC
Material Description:	Blown-In Insulation
Material Location:	Walls & Floor - Throughout
ACM Y/N:	No

Comments:

CITY OF ST. CHARLES

FORMER RESIDENCE

811 Illinois Avenue

St. Charles, IL 60174



Homogeneous Area:	MFD
Material Description:	Linoleum - w/Backing & Adhesive - Yellow w/Swirls
Material Location:	1st Floor - Back Room
ACM Y/N:	Yes

Comments: N/A



Homogeneous Area:	MMD
Material Description:	Exterior Window Glazing
Material Location:	Basement Windows
ACM Y/N:	No

Comments: N/A

CITY OF ST. CHARLES
FORMER RESIDENCE
 811 Illinois Avenue
 St. Charles, IL 60174



Homogeneous Area:	MME
Material Description:	Exterior Siding Caulking
Material Location:	Exterior House & Garage
ACM Y/N:	No

Comments: N/A



Homogeneous Area:	MRA
Material Description:	Asphalt Roofing
Material Location:	House - Back Porch
ACM Y/N:	No

Comments: N/A

CITY OF ST. CHARLES

FORMER RESIDENCE

811 Illinois Avenue

St. Charles, IL 60174



Homogeneous Area:	MRB
Material Description:	Asphalt Roofing Shingles
Material Location:	House
ACM Y/N:	Yes

Comments: N/A



Homogeneous Area:	MRC
Material Description:	Asphalt Roofing Shingles w/Tar Paper
Material Location:	Garage
ACM Y/N:	No

Comments: N/A



1612 W. Fulton Street
 Chicago, Illinois 60612
 312.850.3300 t 312.850.3303 f
 mtl@metrotechlab.com



NVLAP Lab Code 200721-0

Polarized Light Microscopy Asbestos Analysis Report
 Method EPA-600/M4-82-020

MTL Batch #: 12438
Date Received: 3/29/16
Received By: C. Hernandez
Date Analyzed: 3/30/16
Analyzed By: N. Ledesma
Date Reported: 3/30/16
Turnaround Time: 1 Day

Client: Stephen Merwin
 Midwest Env. Consulting Services,
 Inc.
 4 Bonnie Lane
 Yorkville, IL 60560
 (630) 553-3989 t

Project Name: City of St. Charles
Project #: 16-03-220-INSP
Project Location: 811 Illinois Ave

This report does not constitute any approval or endorsement by NVLAP, NIST, or any Federal Government agency.

MTL Sample ID	Client Sample ID	Material Description	Color	Hom	Asbestos	%	Non Asbestos	%
12438 - 1	SPA-1	Plaster	Grey White	No	ND		Quartz Binder	10-15 85-90
12438 - 2	SPA-2	Plaster	Grey White	No	ND		Quartz Binder	10-15 85-90
12438 - 3	SPA-3	Plaster	Grey White	No	ND		Quartz Binder	10-15 85-90
12438 - 4	MFA-1	Floor Tile	White	Yes	ND		Binder	99-100
12438 - 5	MFA-2	Floor Tile	White	Yes	ND		Binder	99-100
12438 - 6	MFA-3	Floor Tile	White	Yes	ND		Binder	99-100
12438 - 7	MFB-1	Linoleum	White	Yes	Chrysotile	5-10	Binder	90-95
12438 - 8	MFB-2	Linoleum			NA			
12438 - 9	MFB-3	Linoleum			NA			

The information within this report is only associated with the specific items tested.

Analyzed by:

3/30/2016

NA = Sample Not Analyzed
 Hom = Homogeneous
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 Page 1 of 6



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Project Location: 811 Illinois Ave

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MTL Sample ID	Client Sample ID	Material Description	Color	Hom	Asbestos	%	Non Asbestos	%
12438 - 10	MFB-1M	Adhesive	Brown	Yes	Chrysotile	>1-5	Binder	95-99
12438 - 11	MFB-2M	Adhesive			NA			
12438 - 12	MFB-3M	Adhesive			NA			
12438 - 13	MFC-1	Linoleum	Brown	Yes	Chrysotile	5-10	Binder	90-95
12438 - 14	MFC-2	Linoleum			NA			
12438 - 15	MFC-3	Linoleum			NA			
12438 - 16	MFC-1M	Adhesive	Brown	Yes	Chrysotile	>1-5	Binder	95-99
12438 - 17	MFC-2M	Adhesive			NA			
12438 - 18	MFC-3M	Adhesive			NA			

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Project #: 16-03-220-INSP
Project Location: 811 Illinois Ave

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MTL Sample ID	Client Sample ID	Material Description	Color	Hom	Asbestos	%	Non Asbestos	%
12438 - 19	MMA-1	Electrical Wiring	Black	Yes	ND		Cellulose Binder	15-20 80-85
12438 - 20	MMA-2	Electrical Wiring	Black	Yes	ND		Cellulose Binder	15-20 80-85
12438 - 21	MMA-3	Electrical Wiring	Black	Yes	ND		Cellulose Binder	15-20 80-85
12438 - 22	TDA-1	Duct Wrap	Grey	Yes	Chrysotile	20-25	Cellulose	75-80
12438 - 23	TDA-2	Duct Wrap			NA			
12438 - 24	TDA-3	Duct Wrap			NA			
12438 - 25	MMB-1	Interior Door Caulking	White	Yes	ND		Binder	99-100
12438 - 26	MMB-2	Interior Door Caulking	White	Yes	ND		Binder	99-100
12438 - 27	MMB-3	Interior Door Caulking	White	Yes	ND		Binder	99-100

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Project Name: City of St. Charles
Project #: 16-03-220-INSP
Project Location: 811 Illinois Ave

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MTL Sample ID	Client Sample ID	Material Description	Color	Hom	Asbestos	%	Non Asbestos	%
12438 - 28	MMC-1	Blown-In Insulation	Grey	Yes	ND		Cellulose Binder	90-95 5-10
12438 - 29	MMC-2	Blown-In Insulation	Grey	Yes	ND		Cellulose Binder	90-95 5-10
12438 - 30	MMC-3	Blown-In Insulation	Grey	Yes	ND		Cellulose Binder	90-95 5-10
12438 - 31	MFD-1	Linoleum	Brown Beige	Yes	Chrysotile	5-10	Binder	90-95
12438 - 32	MFD-2	Linoleum			NA			
12438 - 33	MFD-3	Linoleum			NA			
12438 - 34	MFD-1M	Adhesive	Yellow	Yes	Chrysotile	>1-5	Binder	95-99
12438 - 35	MFD-2M	Adhesive			NA			
12438 - 36	MFD-3M	Adhesive			NA			

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Project Name: City of St. Charles
Project #: 16-03-220-INSP
Project Location: 811 Illinois Ave

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MTL Sample ID	Client Sample ID	Material Description	Color	Hom	Asbestos	%	Non Asbestos	%
12438 - 37	MMD-1	Exterior Window Glazing	White	Yes	ND		Binder	99-100
12438 - 38	MMD-2	Exterior Window Glazing	White	Yes	ND		Binder	99-100
12438 - 39	MMD-3	Exterior Window Glazing	White	Yes	ND		Binder	99-100
12438 - 40	MME-1	Exterior Siding Caulking	White	Yes	ND		Binder	99-100
12438 - 41	MME-2	Exterior Siding Caulking	White	Yes	ND		Binder	99-100
12438 - 42	MME-3	Exterior Siding Caulking	White	Yes	ND		Binder	99-100
12438 - 43	MRA-1	Asphalt Roofing	Black	Yes	ND		Cellulose Binder Fiberglass	10-15 80-85 1-5
12438 - 44	MRA-2	Asphalt Roofing	Black	Yes	ND		Cellulose Binder Fiberglass	10-15 80-85 1-5
12438 - 45	MRA-3	Asphalt Roofing	Black	Yes	ND		Cellulose Binder Fiberglass	10-15 80-85 1-5

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Analyzed by:  3/30/2016



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Polarized Light Microscopy Asbestos Analysis Report
Method EPA-600/M4-82-020

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Turnaround Time: 1 Day

Project Name: City of St. Charles
Project #: 16-03-220-INSP
Project Location: 811 Illinois Ave

This report does not constitute any approval or endorsement by NVLAP, NIST, or any Federal Government agency.

MTL Sample ID	Client Sample ID	Material Description	Color	Hom	Asbestos	%	Non Asbestos	%
12438 - 46	MRB-1	Asphalt Roofing Shingles	Black	Yes	Chrysotile	>1-5	Cellulose Binder Fiberglass	10-15 75-80 1-5
12438 - 47	MRB-2	Asphalt Roofing Shingles			NA			
12438 - 48	MRB-3	Asphalt Roofing Shingles			NA			
12438 - 49	MRC-1	Asphalt Roofing Shingles	Black	Yes	ND		Cellulose Binder Fiberglass	10-15 80-85 1-5
12438 - 50	MRC-2	Asphalt Roofing Shingles	Black	Yes	ND		Cellulose Binder Fiberglass	10-15 80-85 1-5
12438 - 51	MRC-3	Asphalt Roofing Shingles	Black	Yes	ND		Cellulose Binder Fiberglass	10-15 80-85 1-5
12438 - 52	MRC-1TP	Tar Paper	Black	Yes	ND		Cellulose Binder	80-85 15-20
12438 - 53	MRC-2TP	Tar Paper	Black	Yes	ND		Cellulose Binder	80-85 15-20
12438 - 54	MRC-3TP	Tar Paper	Black	Yes	ND		Cellulose Binder	80-85 15-20

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Analyzed by:

NA = Sample Not Analyzed
Hom = Homogeneous
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525-535 West Jefferson Street • Springfield, Illinois 62761-0001 • www.dph.illinois.gov

2/10/2016

STEPHEN D MERWIN
25 W 101 MARBLEHEAD COURT
NAPERVILLE, IL 60540

ASBESTOS PROFESSIONAL LICENSE ID NUMBER: 02871

Enclosed is your Asbestos Professional License that expires 05/15/2017

CERTIFICATE EXPIRATION DATE

INSPECTOR	8/28/2016
MANAGEMENT PLANNER	12/8/2016
PROJECT MANAGER	9/19/2016
AIR SAMPLING PROFESSIONAL	

If you have any questions or need further assistance, contact the Asbestos Program at (217)782-3517 or fax (217)785-5897.

Our WEB address is:

<http://www.dph.illinois.gov/topics-services/environmental-health-protection/asbestos>



**ASBESTOS
PROFESSIONAL
LICENSE**

ID NUMBER	ISSUED	EXPIRES
100 - 02871	2/10/2016	05/15/2017

STEPHEN D MERWIN
25 W 101 MARBLEHEAD COU
NAPERVILLE, IL 60540

Environmental Health



IEA
ally A

ENDORSEMENTS

TC EXPIRES

INSPECTOR	8/28/2016
MANAGEMENT PLANNER	12/8/2016
PROJECT MANAGER	9/19/2016
AIR SAMPLING PROFESSIONAL	

Alteration of this license shall result in legal action
This license issued under authority of the State of Illinois
Department of Public Health
This license is valid only when accompanied by a valid
training course certificate.

2015



OCCUPATIONAL TRAINING & SUPPLY, INC.

7233 S. Adams Street ♦ Willowbrook, IL 60527 ♦ (630) 655-3900

Asbestos Building Inspector Refresher

Occupational Training & Supply, Inc. certifies that
Stephen Merwin

has successfully completed the Asbestos Building Inspector Refresher course and has passed the competency exam with a minimum score of 70%. The course is accredited by the Illinois Department of Public Health and Indiana Department of Environmental Management for purposes of accreditation in accordance with EPA 40 CFR 763, Asbestos Hazard Emergency Response Act (AHERA) and TSCA Title II.

Course Date: 8/28/2015

Exam Date: 8/28/2015

Expiration Date: 8/28/2016

Certificate Number: BIR1508283057

A handwritten signature in black ink that reads 'Kathy DeSalvo'. The signature is fluid and cursive, written over a horizontal line.

Kathy DeSalvo, Director



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Metro Technology Laboratory
1612 W. Fulton Street
Chicago, IL 60612-2508
Ms. Victoria Charicki
Phone: 312-850-3300 Fax: 312-491-8900
Email: victoria@metrotechlab.com
<http://www.metrotechlab.com/>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 200721-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA 600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

A handwritten signature in black ink, appearing to read "Victor P. M...".

For the National Voluntary Laboratory Accreditation Program

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200721-0

Metro Technology Laboratory
Chicago, IL

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

Asbestos Fiber Analysis

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communiqué dated January 2009).*

2015-10-01 through 2016-09-30

Effective Dates



A handwritten signature in black ink, which appears to read "William R. Murphy".

For the National Voluntary Laboratory Accreditation Program

**Midwest
Environmental
Consulting Services, Inc.**

*Providing Quality Service
Since 1994*

Consultants ◀ Engineers ◀ Scientists

NESHAP ASBESTOS SURVEY

Performed For:

CITY OF ST. CHARLES

2 E. Main Street
St. Charles, IL 60174

Project Location:



FORMER RESIDENCE

*904 South Avenue
St. Charles, IL 60174*

Inspection Date: March 28, 2016

MEC Project #: 16-03-219-INSP

CITY OF ST. CHARLES
FORMER RESIDENCE
904 South Avenue
St. Charles, IL 60174

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MEC Project #: 16-03-219-INSP

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Section 1:

Introduction:

Midwest Environmental Consulting Services, Inc. (MEC) was retained by the City of St. Charles to conduct a comprehensive National Emission Standards for Hazardous Air Pollutants (NESHAP) survey for suspect asbestos-containing materials (ACM) at the Former Residence located at 904 South Avenue, St. Charles, Illinois, 60174. The asbestos inspection was performed on March 28, 2015. This comprehensive NESHAP inspection was intended to address the potential existence of ACM on the interior and exterior prior to future planned demolition of the structure.

Section 2:

Protocol:

The bulk sampling strategy is based upon the protocol of homogeneous areas established by the United States Environmental Protection Agency (USEPA). A homogeneous sampling area (HSA) is defined as an area of material that is uniform in color, texture, construction, general appearance, and date of installation.

Bulk samples of suspect ACM were analyzed by Polarized Light Microscopy (PLM) utilizing the EPA-600/M4-82-020 Method. Bulk samples were analyzed using Asbestos Hazard Emergency Response Act (AHERA) "positive stop" protocol, meaning each sample of each HSA group is analyzed until asbestos is found in the HSA or all samples in the group are analyzed and are negative for asbestos content.

Section 3:

Building Description:

The Former Residence is a two-story single family residence. The building was constructed on a concrete foundation and has a lower level, but no basement. The building contains approximately 2,200 square feet of usable space. The flooring consists of wood and is covered by various types of tile and carpeting. Interior walls are wood stud framing and covered with drywall. The exterior walls are constructed with wood. The pitched roof consists of asphalt-based shingles.

Section 4:

Scope of Work:

The inspection was to address the following objectives:

- * Observe, assess, and collect bulk samples of friable and non-friable asbestos containing building materials within the specific scope of work.
- * The inspection was intended to identify all homogeneous areas, and did not attempt to identify or address any other environmental health hazards.
- * The scope of work did not include identifying all potential concerns or eliminate possible risks.

A total of seventeen (17) homogeneous areas were identified within the scope of work and of the seventeen (17) homogeneous areas, one (1) homogeneous area tested positive for asbestos content. Zero (0) homogeneous areas were assumed to contain asbestos.

Inspection Performed For:
CITY OF ST. CHARLES
2 E. Main Street
St. Charles, IL 60174
MEC Project #: 16-03-219-INSP

Asbestos-Containing Materials:

- MFG - 12x12 Vinyl Tile/Mastic - Brown

Assumed Asbestos-Containing Materials:

- None

Section 5:

Executive Summary:

Standard practice requires that the owner provide Certified-As-Built drawings for review by the inspector. At the time of the inspection, these drawings were not available. Therefore, the accuracy of the inspection can only be based on the materials that were accessible or known about prior to the inspection. If a suspect material is identified during demolition, all work shall stop immediately until the materials can be sampled for asbestos content.

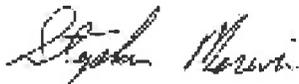
During renovation or demolition, it is recommended that a project design, project oversight, and air monitoring be in place prior to any asbestos abatement work being conducted. An Illinois Department of Public Health licensed asbestos abatement contractor must be in place prior to any asbestos abatement activities.

Prior to any planned renovation or demolition taking place, Midwest Environmental Consulting Services, Inc., strongly recommends that either the client contact Midwest Environmental Consulting Services, Inc., or the Illinois Department of Public Health or the Illinois Environmental Protection Agency in regards to applicable rules and regulations.

This survey report is for the exclusive use of the City of St. Charles and its respective affiliates, designees, successors, and assignees, and no other party shall have any right to rely on service provided by Midwest Environmental Consulting Services, Inc., without prior written consent. This asbestos survey is not intended to be a scope of work or project design. Estimated quantities of materials are for information only and should not be utilized for abatement bidding purposes.

Although Midwest Environmental Consulting Services, Inc., has attempted to identify all suspect asbestos materials located on the inside of the building; some materials may have been inaccessible. Midwest Environmental Consulting Services, Inc. makes no warranty, expressed or implied.

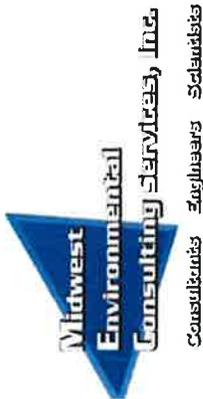
Sincerely,



Stephen Merwin

DPH-Licensed Asbestos Building Inspector 100-02871

Inspection Performed For:
CITY OF ST. CHARLES
2 E. Main Street
St. Charles, IL 60174
MEC Project #: 16-03-219-INSP



Asbestos Bulk Sample Field Summary Table

Client: CITY OF ST. CHARLES

Project Location: FORMER RESIDENCE

MEC Project #: 16-03-219-INSP

Address: 2 E. Main Street

Address: 904 South Avenue

Insp. Date: March 28, 2016

Inspector: Stephen Merwin

St. Charles, IL 60174

St. Charles, IL 60174

IDPH #: 100-02871

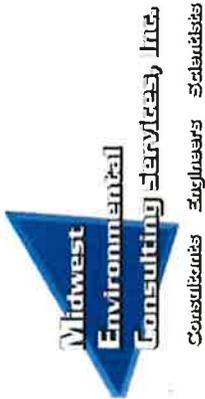
H S A	MATERIAL DESCRIPTION	MATERIAL LOCATION	ACM CATEGORY	TYPE OF ANALYSIS OR ASSUMED	MATERIAL CONDITION	MATERIAL TYPE	APPROX. QUANTITY	ACM YES/NO	COMMENTS
MDA	Drywall w/Compound & Tape	Throughout	Friable	PLM	Good	M	4,800 S.F.	No	N/A
MFA	Linoleum w/Backing-Off White-Diamond Pattern	Kitchen	Category I - Non-Friable	PLM	G	M	180 S.F.	No	Below MFB & MFC
MFB	Linoleum - Light Gray - Pattern	Kitchen	Category I - Non-Friable	PLM	G	M	180 S.F.	No	Below MFC, Above MFA
MFC	12"x12"Ceramic Tile/Grout - White	Kitchen	Category I - Non-Friable	PLM	G	M	180 S.F.	No	Below Wood Laminate Flooring
MFD	Linoleum w/Adhesive - Beige Squares Pattern	Bathroom	Category I - Non-Friable	PLM	G	M	25 S.F.	No	Under MFE & MFF
MFE	Linoleum w/Black Backing - Grayish Beige - Pattern	Bathroom	Category I - Non-Friable	PLM	G	M	25 S.F.	No	Above MFD, Below MFF
MFF	Linoleum w/Adhesive - Wood Pattern	Bathroom	Friable	PLM	G	M	25 S.F.	No	N/A
MFG	12x12 Vinyl Tile/Mastic - Brown	Lower Level - Hall	Category I - Non-Friable	PLM	G	M	15 S.F.	Yes	N/A
MFH	Adhesive on Wood Flooring	Foyer & Lower Level Hall	Category I - Non-Friable	PLM	G	M	80 S.F.	No	N/A

ACM Category Classification:

Friable Asbestos-Containing Material = A friable ACM is a material containing more than 1% asbestos that can easily be crumbled, pulverized, or reduced to powder by hand pressure when it is dry.
Category I Non-Friable Asbestos-Containing Material = Any asbestos-containing packet, gasket, resilient floor covering, mastic, or asphalt roofing product that contains more than 1% asbestos.
Category II Non-Friable Asbestos-Containing Material = Any material excluding Category I Non-Friable material containing more than 1% asbestos that when dry cannot be crumbled, pulverized, or reduced to powder by hand pressure or mechanical forces expected to act on the material.

Analysis Type: PLM = Polarized Light Microscopy TEM = Transmission Electron Microscopy Assumed = Material was not tested and is assumed to contain ACM.

Condition: G = Good D = Damaged SD = Significantly Damaged
Material Type: M = Miscellaneous S = Surfacing T = Thermal



Asbestos Bulk Sample Field Summary Table

Client: CITY OF ST. CHARLES

Project Location: FORMER RESIDENCE

MEC Project #: 16-03-219-INSP

Address: 2 E. Main Street

Address: 904 South Avenue

Insp. Date: March 28, 2016

Inspector: Stephen Merwin

St. Charles, IL 60174

St. Charles, IL 60174

IDPH #: 100-02871

H S A	MATERIAL DESCRIPTION	MATERIAL LOCATION	ACM CATEGORY	TYPE OF ANALYSIS OR ASSUMED	MATERIAL CONDITION	MATERIAL TYPE	APPROX. QUANTITY	ACM YES/NO	COMMENTS
MFI	8"x8" Ceramic Floor Tile/Grout - Gray	Lower Level - Bathroom	Category I - Non-Friable	PLM	G	M	30 S.F.	No	N/A
MFJ	Tar Paper Associated w/Wood Raised Floor	Lower Level - East Room	Friable	PLM	G	M	150 S.F.	No	N/A
MFK	12X12 Linoleum - White	Furnace Room	Category I - Non-Friable	PLM	G	M	40 S.F.	No	N/A
MMA	4"x4" Ceramic Wall Tile - White	Lower Level - Bathroom	Category I - Non-Friable	PLM	G	M	10 S.F.	No	N/A
MMB	4"x4" Ceramic Tile/Adhesive - Beige w/Tan Specks	Lower & Upper Level - Bathroom	Category I - Non-Friable	PLM	G	M	120 S.F.	No	N/A
MMC	Exterior Window Glazing	Front Door	Friable	PLM	G	M	2 Windows	No	N/A
MMD	Decorative Wall/Adhesive - Gray Brick Pattern	Front Door	Category I - Non-Friable	PLM	G	M	40 S.F.	No	N/A
MRA	Asphalt Roofing Shingles w/Tar Paper	Roof	Category I - Non-Friable	PLM	G	M	1,200 S.F.	No	N/A

ACM Category Classification:

Friable Asbestos-Containing Material = A friable ACM is a material containing more than 1% asbestos that can easily be crumbled, pulverized, or reduced to powder by hand pressure when it is dry.
Category I Non-Friable Asbestos-Containing Material = Any asbestos-containing packet, gasket, resilient floor covering, mastic, or asphalt roofing product that contains more than 1% asbestos.
Category II Non-Friable Asbestos-Containing Material = Any material excluding Category I Non-Friable material containing more than 1% asbestos that when dry cannot be crumbled, pulverized, or reduced to powder by hand pressure or mechanical forces expected to act on the material.

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 TEM = Transmission Electron Microscopy
 Condition: G = Good
 D = Damaged
 M = Miscellaneous
 S = Surfacing
 T = Thermal
 Assumed = Material was not tested and is assumed to contain ACM.
 SD = Significantly Damaged

CITY OF ST. CHARLES

FORMER RESIDENCE

904 South Avenue

St. Charles, IL 60174



Homogeneous Area:	MDA
Material Description:	Drywall w/Compound & Tape
Material Location:	Throughout
ACM Y/N:	No

Comments: N/A



Homogeneous Area:	MFA
Material Description:	Linoleum w/Backing-Off White-Diamond Pattern
Material Location:	Kitchen
ACM Y/N:	No

Comments: Below MFB & MFC

CITY OF ST. CHARLES

FORMER RESIDENCE

904 South Avenue

St. Charles, IL 60174



Homogeneous Area:	MFB
Material Description:	Linoleum - Light Gray - Pattern
Material Location:	Kitchen
ACM Y/N:	No

Comments: Below MFC , Above MFA



Homogeneous Area:	MFC
Material Description:	12"x12"Ceramic Tile/Grout - White
Material Location:	Kitchen
ACM Y/N:	No

Comments: Below Wood Laminate Flooring

CITY OF ST. CHARLES

FORMER RESIDENCE

904 South Avenue

St. Charles, IL 60174



Homogeneous Area:	MFD
Material Description:	Linoleum w/Adhesive - Beige Squares Pattern
Material Location:	Bathroom
ACM Y/N:	No

Comments: Under MFE & MFF



Homogeneous Area:	MFE
Material Description:	Linoleum w/Black Backing - Grayish Beige - Pattern
Material Location:	Bathroom
ACM Y/N:	No

Comments: Above MFD, Below MFF

CITY OF ST. CHARLES

FORMER RESIDENCE

904 South Avenue

St. Charles, IL 60174



Homogeneous Area:	MFF
Material Description:	Linoleum w/Adhesive - Wood Pattern
Material Location:	Bathroom
ACM Y/N:	No

Comments: N/A



Homogeneous Area:	MFG
Material Description:	12x12 Vinyl Tile/Mastic - Brown
Material Location:	Lower Level - Hall
ACM Y/N:	Yes

Comments: N/A

CITY OF ST. CHARLES

FORMER RESIDENCE

904 South Avenue

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Homogeneous Area:	MFH
Material Description:	Adhesive on Wood Flooring
Material Location:	Foyer & Lower Level Hall
ACM Y/N:	No

Comments: N/A



Homogeneous Area:	MFI
Material Description:	8"x8" Ceramic Floor Tile/Grout - Gray
Material Location:	Lower Level - Bathroom
ACM Y/N:	No

Comments: N/A

CITY OF ST. CHARLES

FORMER RESIDENCE

904 South Avenue

St. Charles, IL 60174



Homogeneous Area:	MFJ
Material Description:	Tar Paper Associated w/Wood Raised Floor
Material Location:	Lower Level - East Room
ACM Y/N:	No

Comments: N/A



Homogeneous Area:	MFK
Material Description:	12x12 Linoleum - White
Material Location:	Furnace Room
ACM Y/N:	No

Comments: N/A

CITY OF ST. CHARLES

FORMER RESIDENCE

904 South Avenue

St. Charles, IL 60174



Homogeneous Area:	MMA
Material Description:	4"x4" Ceramic Wall Tile - White
Material Location:	Lower Level - Bathroom
ACM Y/N:	No

Comments: N/A



Homogeneous Area:	MMB
Material Description:	4"x4" Ceramic Tile/Adhesive - Beige w/Tan Specks
Material Location:	Lower & Upper Level - Bathroom
ACM Y/N:	No

Comments: N/A

CITY OF ST. CHARLES

FORMER RESIDENCE

904 South Avenue

St. Charles, IL 60174



Homogeneous Area:	MMC
Material Description:	Exterior Window Glazing
Material Location:	Front Door
ACM Y/N:	No

Comments: N/A



Homogeneous Area:	MMD
Material Description:	Decorative Wall/Adhesive - Gray Brick Pattern
Material Location:	Front Door
ACM Y/N:	No

Comments: N/A

CITY OF ST. CHARLES

FORMER RESIDENCE

904 South Avenue

St. Charles, IL 60174



Homogeneous Area:	MRA
Material Description:	Asphalt Roofing Shingles w/Tar Paper
Material Location:	Roof
ACM Y/N:	No

Comments: N/A



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mtl@metrotechlab.com



NVLAP Lab Code 200721-0

Polarized Light Microscopy Asbestos Analysis Report
Method EPA-600/M4-82-020

MTL Batch #: 12437
Date Received: 3/29/16
Received By: C. Hernandez
Date Analyzed: 3/30/16
Analyzed By: N. Ledesma
Date Reported: 3/30/16
Turnaround Time: 1 Day

Client: S. Merwin
Midwest Env. Consulting Services,
Inc.
4 Bonnie Lane
Yorkville, IL 60560
(630) 553-3989 t

Project Name: City of St. Charles
Project #: 16-03-219-INSP
Project Location: 904 South Street

This report does not constitute any approval or endorsement by NVLAP, NIST, or any Federal Government agency.

MTL Sample ID	Client Sample ID	Material Description	Color	Hom	Asbestos	%	Non Asbestos	%
12437 - 1	MDA-1	Drywall w/ Compound & Tape	Grey White	No	ND		Cellulose Binder	15-20 80-85
12437 - 2	MDA-2	Drywall w/ Compound & Tape	Grey White	No	ND		Cellulose Binder	15-20 80-85
12437 - 3	MDA-3	Drywall w/ Compound & Tape	Grey White	No	ND		Cellulose Binder	15-20 80-85
12437 - 4	MFA-1	Linoleum	Beige	Yes	ND		Cellulose Binder	10-15 85-90
12437 - 5	MFA-2	Linoleum	Beige	Yes	ND		Cellulose Binder	10-15 85-90
12437 - 6	MFA-3	Linoleum	Beige	Yes	ND		Cellulose Binder	10-15 85-90
12437 - 7	MFB-1	Linoleum	Grey White	Yes	ND		Cellulose Binder	10-15 85-90
12437 - 8	MFB-2	Linoleum	Grey White	Yes	ND		Cellulose Binder	10-15 85-90
12437 - 9	MFB-3	Linoleum	Grey White	Yes	ND		Cellulose Binder	10-15 85-90

The information within this report is only associated with the specific items tested.

3/30/2016

NA = Sample Not Analyzed
Hom = Homogeneous
ND = Asbestos Not Detected

Analyzed by:



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Polarized Light Microscopy Asbestos Analysis Report
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MTL Sample ID	Client Sample ID	Material Description	Color	Hom	Asbestos	%	Non Asbestos	%
12437 - 10	MFC-1	Ceramic Tile	White	Yes	ND		Binder	99-100
12437 - 11	MFC-2	Ceramic Tile	White	Yes	ND		Binder	99-100
12437 - 12	MFC-3	Ceramic Tile	White	Yes	ND		Binder	99-100
12437 - 13	MFC-1G	Grout	Grey White	Yes	ND		Binder Quartz	90-95 5-10
12437 - 14	MFC-2G	Grout	Grey White	Yes	ND		Binder Quartz	90-95 5-10
12437 - 15	MFC-3G	Grout	Grey White	Yes	ND		Binder Quartz	90-95 5-10
12437 - 16	MFD-1	Linoleum	Beige	Yes	ND		Cellulose Binder	10-15 85-90
12437 - 17	MFD-2	Linoleum	Beige	Yes	ND		Cellulose Binder	10-15 85-90
12437 - 18	MFD-3	Linoleum	Beige	Yes	ND		Cellulose Binder	10-15 85-90

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Polarized Light Microscopy Asbestos Analysis Report
 Method EPA-600/M4-82-020

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Project Name: City of St. Charles
Project #: 16-03-219-INSP
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MTL Sample ID	Client Sample ID	Material Description	Color	Hom	Asbestos	%	Non Asbestos	%
12437 - 19	MFD-1A	Adhesive	Yellow	Yes	ND		Cellulose Binder	1-5 95-99
12437 - 20	MFD-2A	Adhesive	Yellow	Yes	ND		Cellulose Binder	1-5 95-99
12437 - 21	MFD-3A	Adhesive	Yellow	Yes	ND		Cellulose Binder	1-5 95-99
12437 - 22	MFE-1	Linoleum	Grey	Yes	ND		Binder	99-100
12437 - 23	MFE-2	Linoleum	Grey	Yes	ND		Binder	99-100
12437 - 24	MFE-3	Linoleum	Grey	Yes	ND		Binder	99-100
12437 - 25	MFE-1B	Backing	Clear Yellow	Yes	ND		Binder	99-100
12437 - 26	MFE-2B	Backing	Clear Yellow	Yes	ND		Binder	99-100
12437 - 27	MFE-3B	Backing	Clear Yellow	Yes	ND		Binder	99-100

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MTL Sample ID	Client Sample ID	Material Description	Color	Hom	Asbestos	%	Non Asbestos	%
12437 - 28	MFF-1	Linoleum	Brown	Yes	ND		Binder	5-10 90-95
12437 - 29	MFF-2	Linoleum	Brown	Yes	ND		Binder	5-10 90-95
12437 - 30	MFF-3	Linoleum	Brown	Yes	ND		Binder	5-10 90-95
12437 - 31	MFF-1A	Adhesive	Yellow	Yes	ND		Binder	99-100
12437 - 32	MFF-2A	Adhesive	Yellow	Yes	ND		Binder	99-100
12437 - 33	MFF-3A	Adhesive	Yellow	Yes	ND		Binder	99-100
12437 - 34	MFG-1	Vinyl Tile	Black	Yes	Chrysotile	>1-5	Binder	95-99
12437 - 35	MFG-2	Vinyl Tile						
12437 - 36	MFG-3	Vinyl Tile						

The information within this report is only associated with the specific items tested.

3/30/2016

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MTL Sample ID	Client Sample ID	Material Description	Color	Hom	Asbestos	%	Non Asbestos	%
12437 - 37	MFG-1M	Mastic	Black	Yes	Chrysotile	>1-5	Binder	95-99
12437 - 38	MFG-2M	Mastic						
12437 - 39	MFG-3M	Mastic						
12437 - 40	MFH-1	Adhesive on Wood Flooring	Brown	Yes	ND		Cellulose Binder	1-5 95-99
12437 - 41	MFH-2	Adhesive on Wood Flooring	Brown	Yes	ND		Cellulose Binder	1-5 95-99
12437 - 42	MFH-3	Adhesive on Wood Flooring	Brown	Yes	ND		Cellulose Binder	1-5 95-99
12437 - 43	MFI-1	Ceramic Tile	Grey	Yes	ND		Binder	99-100
12437 - 44	MFI-2	Ceramic Tile	Grey	Yes	ND		Binder	99-100
12437 - 45	MFI-3	Ceramic Tile	Grey	Yes	ND		Binder	99-100

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3/30/2016

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 Page 5 of 9



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MTL Sample ID	Client Sample ID	Material Description	Color	Hom	Asbestos	%	Non Asbestos	%
12437 - 46	MFI-1G	Grout	Beige	Yes	ND		Binder Quartz	90-95 5-10
12437 - 47	MFI-2G	Grout	Beige	Yes	ND		Binder Quartz	90-95 5-10
12437 - 48	MFI-3G	Grout	Beige	Yes	ND		Binder Quartz	90-95 5-10
12437 - 49	MFJ-1	Tar Paper	Black	Yes	ND		Cellulose Binder	80-85 15-20
12437 - 50	MFJ-2	Tar Paper	Black	Yes	ND		Cellulose Binder	80-85 15-20
12437 - 51	MFJ-3	Tar Paper	Black	Yes	ND		Cellulose Binder	80-85 15-20
12437 - 52	MFK-1	Linoleum	White	Yes	ND		Binder	99-100
12437 - 53	MFK-2	Linoleum	White	Yes	ND		Binder	99-100
12437 - 54	MFK-3	Linoleum	White	Yes	ND		Binder	99-100

The information within this report is only associated with the specific items tested.

3/30/2016

Analyzed by:

NA = Sample Not Analyzed
 Hom = Homogeneous
 ND = Asbestos Not Detected



1612 W. Fulton Street
 Chicago, Illinois 60612
 312.850.3300 t 312.850.3303 f
 mtl@metrotechlab.com



NVLAP Lab Code 200721-0

Polarized Light Microscopy Asbestos Analysis Report
 Method EPA-600/M4-82-020

MTL Batch #: 12437
Date Received: 3/29/16
Received By: C. Hernandez
Date Analyzed: 3/30/16
Analyzed By: N. Ledesma
Date Reported: 3/30/16
Turnaround Time: 1 Day

Client: S. Merwin
 Midwest Env. Consulting Services,
 Inc.
 4 Bonnie Lane
 Yorkville, IL 60560
 (630) 553-3989 t

Project Name: City of St. Charles
Project #: 16-03-219-INSP
Project Location: 904 South Street

This report does not constitute any approval or endorsement by NVLAP, NIST, or any Federal Government agency.

MTL Sample ID	Client Sample ID	Material Description	Color	Hom	Asbestos	%	Non Asbestos	%
12437 - 55	MMA-1	Ceramic Wall Tile	White	Yes	ND		Binder	99-100
12437 - 56	MMA-2	Ceramic Wall Tile	White	Yes	ND		Binder	99-100
12437 - 57	MMA-3	Ceramic Wall Tile	White	Yes	ND		Binder	99-100
12437 - 58	MMB-1	Ceramic Tile	Beige	Yes	ND		Binder	99-100
12437 - 59	MMB-2	Ceramic Tile	Beige	Yes	ND		Binder	99-100
12437 - 60	MMB-3	Ceramic Tile	Beige	Yes	ND		Binder	99-100
12437 - 61	MMB-1A	Adhesive	Yellow	Yes	ND		Cellulose Binder	1-5 95-99
12437 - 62	MMB-2A	Adhesive	Yellow	Yes	ND		Cellulose Binder	1-5 95-99
12437 - 63	MMB-3A	Adhesive	Yellow	Yes	ND		Cellulose Binder	1-5 95-99

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Client: S. Merwin
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Project Name: City of St. Charles
Project #: 16-03-219-INSP
Project Location: 904 South Street

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MTL Sample ID	Client Sample ID	Material Description	Color	Hom	Asbestos	%	Non Asbestos	%
12437 - 64	MMC-1	Window Glazing	White	Yes	ND		Binder	99-100
12437 - 65	MMC-2	Window Glazing	White	Yes	ND		Binder	99-100
12437 - 66	MMC-3	Window Glazing	White	Yes	ND		Binder	99-100
12437 - 67	MMD-1	Decorative Wall	Grey	Yes	ND		Cellulose Binder	80-85 15-20
12437 - 68	MMD-2	Decorative Wall	Grey	Yes	ND		Cellulose Binder	80-85 15-20
12437 - 69	MMD-3	Decorative Wall	Grey	Yes	ND		Cellulose Binder	80-85 15-20
12437 - 70	MMD-1A	Adhesive	Yellow	Yes	ND		Cellulose Binder	1-5 95-99
12437 - 71	MMD-2A	Adhesive	Yellow	Yes	ND		Cellulose Binder	1-5 95-99
12437 - 72	MMD-3A	Adhesive	Yellow	Yes	ND		Cellulose Binder	1-5 95-99

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 Method EPA-600/M4-82-020

MTL Batch #: 12437
Date Received: 3/29/16
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Client: S. Merwin
 Midwest Env. Consulting Services,
 Inc.
 4 Bonnie Lane
 Yorkville, IL 60560
 (630) 553-3989 t

Project Name: City of St. Charles
Project #: 16-03-219-INSP
Project Location: 904 South Street

This report does not constitute any approval or endorsement by NVLAP, NIST, or any Federal Government agency.

MTL Sample ID	Client Sample ID	Material Description	Color	Hom	Asbestos	%	Non Asbestos	%
12437 - 73	MRA-1	Asphalt	Brown	Yes	ND		Cellulose	10-15
		Roofing	Black				Binder	80-85
		Shingle					Fiber Glass	1-5
12437 - 74	MRA-2	Asphalt	Brown	Yes	ND		Cellulose	10-15
		Roofing	Black				Binder	80-85
		Shingle					Fiber Glass	1-5
12437 - 75	MRA-3	Asphalt	Brown	Yes	ND		Cellulose	10-15
		Roofing	Black				Binder	80-85
		Shingle					Fiber Glass	1-5

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3/30/2016

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Chicago, Illinois 60612
312.850.3300 t 312.850.3303 f
mtl@metrotechlab.com

CHAIN OF CUSTODY PLM BULK

Company: Midwest Environmental Consulting Services, Inc.		Results Needed: MTL Project ID: 12437	
Project Number: 16-03-219-INSP	Date: _____	Time: _____	
Project Name: City of St. Charles	TAT: Immediate: <input type="checkbox"/>	1 Day: <input checked="" type="checkbox"/>	2 Days: <input type="checkbox"/>
Location: Former Residence	3 Days: <input type="checkbox"/>	5 Days: <input type="checkbox"/>	
Address: 904 South Street	Stop at First Positive: Yes: <input checked="" type="checkbox"/>	No: <input type="checkbox"/>	Other: _____
Inspector(s): Stephen Merwin	MTL USE ONLY		
Report To: Stephen Merwin@mec-us.com	Samples Acceptable: Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>		
Telephone #: (630) 553-3989	Checked By (Initial/Date): <i>WJ</i> 3/28/16		
E-Mail: alutes@mec-us.com	Fax: (630) 553-3990		

Sample Number:	Material Description:	Notes:
MDA	Drywall w/Compound & Tape	
MFA	Linoleum w/Backing-Off White-Diamond Pattern	
MFB	Linoleum -Lt. Gray -Patterned	
MFC	12"x12"Ceramic Tile/Grout- White	
MFD	Linoleum w/Adhesive-Beige Squares Pattern	
MFE	Linoleum w/Black Backing- Grayish Beige-Patterned	
MFF	Linoleum w/Adhesive - Wood Patterned	
MFG	12x12 Vinyl Tile/Mastic- Brown	
MFH	Adhesive on Wood Flooring	
MFI	8"x8" Ceramic Floor Tile/Grout - Gray	
MFJ	Tar Paper Associated w/Wood Raised Floor	
MFK	12x12 Linoleum - White	
MMA	4"x4" Ceramic Wall Tile -White	
MMB	4"x4" Ceramic Tile/Adhesive- Beige w/Tan Specks	
MMC	Exterior Window Glazing	
MMD	Decorative Wall/Adhesive - Gray Brick Pattern	
MRA	Asphalt Roofing Shingles w/Tar Paper	
18		

Comments:

3/28/16 1630

Relinquished By: (Signature) <i>[Signature]</i>	Date/Time: 3/28/16	Relinquished By: (Signature)	Date/Time:
Received By: (Signature) <i>[Signature]</i>	Date/Time: 3/28/16	Received By: (Signature)	Date/Time:



525-535 West Jefferson Street • Springfield, Illinois 62761-0001 • www.dph.illinois.gov

2/10/2016

STEPHEN D MERWIN
25 W 101 MARBLEHEAD COURT
NAPERVILLE, IL 60540

ASBESTOS PROFESSIONAL LICENSE ID NUMBER: 02871

Enclosed is your Asbestos Professional License that expires 05/15/2017

CERTIFICATE EXPIRATION DATE

INSPECTOR	8/28/2016
MANAGEMENT PLANNER	12/8/2016
PROJECT MANAGER	9/19/2016
AIR SAMPLING PROFESSIONAL	

If you have any questions or need further assistance, contact the Asbestos Program at (217)782-3517 or fax (217)785-5897.

Our WEB address is:

<http://www.dph.illinois.gov/topics-services/environmental-health-protection/asbestos>



**ASBESTOS
PROFESSIONAL
LICENSE**

ID NUMBER	ISSUED	EXPIRES
100 - 02871	2/10/2016	05/15/2017

STEPHEN D MERWIN
25 W 101 MARBLEHEAD COU
NAPERVILLE, IL 60540

Environmental Health



IEA
alt A

ENDORSEMENTS

TC EXPIRES

INSPECTOR	8/28/2016
MANAGEMENT PLANNER	12/8/2016
PROJECT MANAGER	9/19/2016
AIR SAMPLING PROFESSIONAL	

Alteration of this license shall result in legal action
This license issued under authority of the State of Illinois
Department of Public Health
This license is valid only when accompanied by a valid
training course certificate.

2015



OCCUPATIONAL TRAINING & SUPPLY, INC.

7233 S. Adams Street ♦ Willowbrook, IL 60527 ♦ (630) 655-3900

Asbestos Building Inspector Refresher

Occupational Training & Supply, Inc. certifies that
Stephen Merwin

has successfully completed the Asbestos Building Inspector Refresher course and has passed the competency exam with a minimum score of 70%. The course is accredited by the Illinois Department of Public Health and Indiana Department of Environmental Management for purposes of accreditation in accordance with EPA 40 CFR 763, Asbestos Hazard Emergency response Act (AHERA) and TSCA Title II.

Course Date: 8/28/2015

Exam Date: 8/28/2015

Expiration Date: 8/28/2016

Certificate Number: BIR1508283057

Kathy DeSalvo, Director



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Metro Technology Laboratory
1612 W. Fulton Street
Chicago, IL 60612-2508
Ms. Victoria Charicki
Phone: 312-850-3300 Fax: 312-491-8900
Email: victoria@metrotechlab.com
<http://www.metrotechlab.com/>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 200721-0

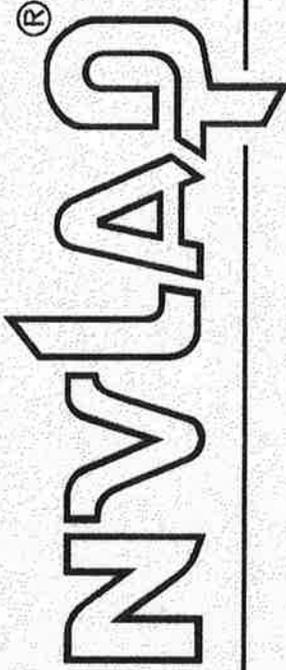
Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA 600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

A handwritten signature in black ink, appearing to read "William R. Mahoney".

For the National Voluntary Laboratory Accreditation Program

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200721-0

Metro Technology Laboratory
Chicago, IL

is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:

Asbestos Fiber Analysis

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communiqué dated January 2009).*

2015-10-01 through 2016-09-30

Effective Dates



A handwritten signature in black ink, appearing to read "Alan R. Murphy".

For the National Voluntary Laboratory Accreditation Program