



July 22, 2015

Dave Grandy
Director of Buildings and Grounds
Waconia Public Schools
512 Industrial Blvd.
Waconia, MN 55387

**RE: Asbestos Inspection for House Relocation located at:
11820 94th Street, Cologne, Minnesota
IEA Project #201510563**

Dear Mr. Grandy:

Enclosed please find one Inspection for House Relocation Report for the above-referenced location.

If you have any questions or require additional information, please do not hesitate to contact us.

Sincerely,

IEA, INC.

A handwritten signature in black ink, appearing to read 'George Rosburg', is written over a light gray rectangular background.

George Rosburg
Project Manager

Enclosures

GR/slj 072215

**ASBESTOS
INSPECTION PROFILE
at
11820 - 94th Street
Cologne, Minnesota**

**Date of Inspection:
July 14, 2015**

**Submitted to:
Waconia Public Schools**

**Submitted by:
IEA, Inc.
610 North Riverfront Drive
Mankato, MN 56001
507-345-8818 / 800-872-1260**

IEA Project #201510563

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SECTION I

Asbestos Summary and Inspection Report

**Asbestos Summary
11820 94th Street
Cologne, Minnesota**

On July 14, 2015, an inspection for asbestos-containing materials (ACM) was performed at the above-referenced location. The scope of the inspection included all accessible suspect ACM within the building. Since this was a limited inspection, there may be additional materials not identified on the report located within wall cavities, pipe chases and/or other inaccessible locations. Suspect ACM was identified and sampled for asbestos content.

There were no materials confirmed to be ACM.

At the request of the client, destructive sampling was not performed as a part of this inspection. This inspection does not meet the requirements of the Minnesota Pollution Control Agency (MPCA) or Minnesota OSHA (MNOSHA) for an asbestos demolition/renovation inspection.

Bulk samples of accessible suspect material were collected and analyzed in accordance with Environmental Protection Agency (EPA) sampling and analytical procedure requirements. Sampling was conducted in a manner determined by the inspector to be sufficient to identify whether the suspect materials are asbestos containing.

The purpose of the inspection was to identify all suspect materials that may contain asbestos prior to relocation. Any suspect materials not identified on the survey that are uncovered prior to relocation should be assumed to contain asbestos or sampled.

GENERAL COMMENTS

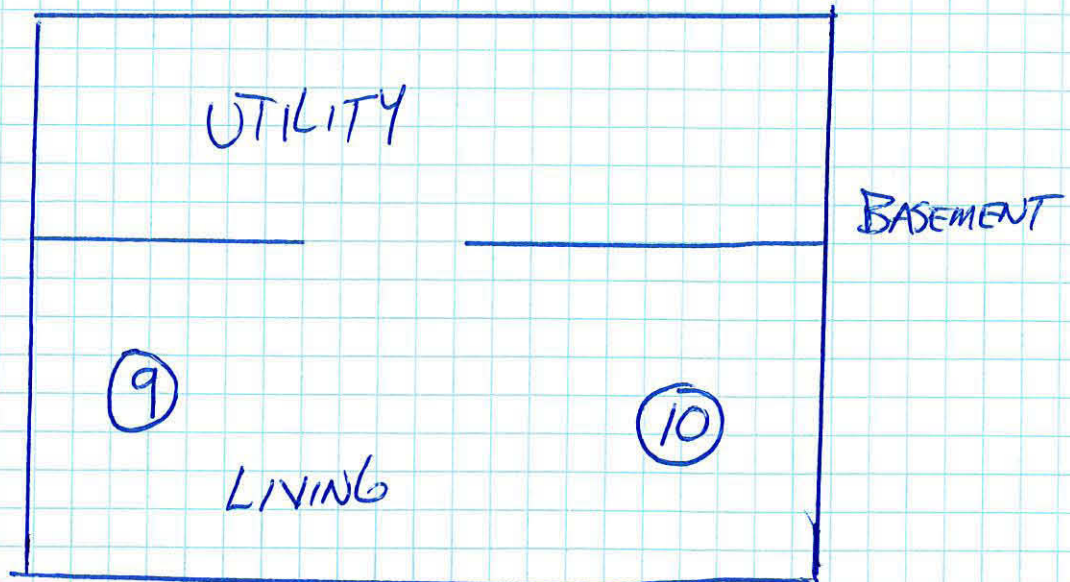
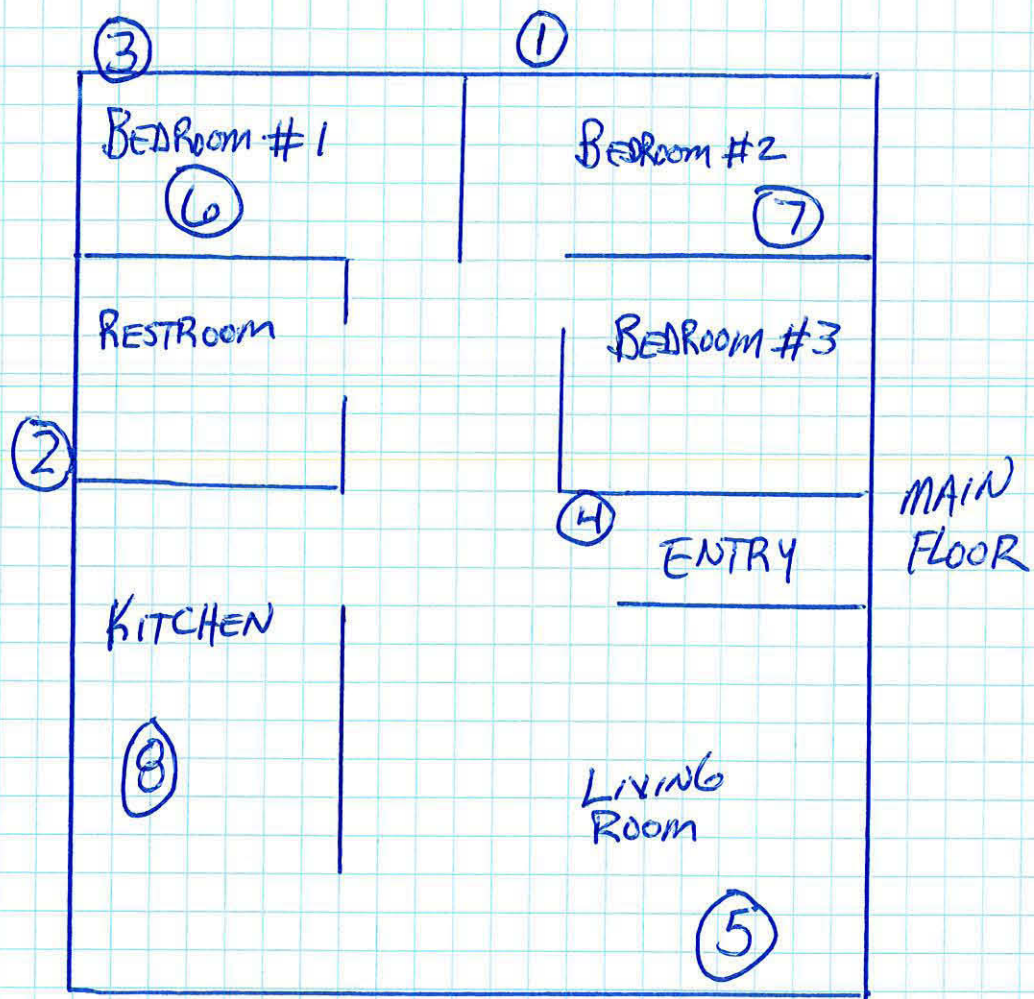
The report is prepared for the exclusive use of our client for specific application to the project discussed and has been prepared in accordance with generally accepted practices. Other than as provided in the preceding sentence and in our Proposal #4538 dated July 13, 2015 regarding Hazardous Materials Assessments at the home, including the General Conditions attached thereto, no warranties are extended or made.

**11820 94th Street
Cologne, Minnesota**

Sample #71415-GR-	Description of Material	Location of Material	Approximate Amount	Result
1	Siding	Exterior		None Detected
2	Window Caulk	Throughout		None Detected
3	Black Roofing and Vapor Barrier	Roof		None Detected
4	Sheetrock Joint Compound	Throughout		None Detected
5	Tan Linoleum	Restroom		None Detected
5	Tan Adhesive from Tan Linoleum	Restroom		None Detected
6	White Ceiling Texture	Throughout		None Detected
7	White Ceiling Texture	Throughout		None Detected
8	White Ceiling Texture	Throughout		None Detected
9	White Ceiling Texture	Throughout		None Detected
10	White Ceiling Texture	Throughout		None Detected

SECTION II

Asbestos Sample Locations Drawing



11820 94TH STREET

SECTION III

Asbestos Laboratory Report

**EMSL Analytical, Inc.**

14375 23rd Avenue North, Minneapolis, Mn 55447

Phone/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com>minneapolislab@emsl.com

EMSL Order: 351504577

CustomerID: IFEA50

CustomerPO:

ProjectID:

Attn: **Denice Kuchta**
Inst. For Environmental Assessment
9201 West Broadway
Suite 600
Brooklyn Park, MN 55445

Phone: (763) 315-7900
Fax: (763) 315-7920
Received: 07/15/15 9:40 AM
Analysis Date: 7/17/2015
Collected:

Project: **201510563 - House Move**

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
71415-GR-1 351504577-0001	Siding	Brown/Tan Fibrous Homogeneous	50% Cellulose	50% Non-fibrous (other)	None Detected
71415-GR-2 351504577-0002	Window Caulk	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
71415-GR-3-Shingle 351504577-0003	Roofing and Vapor Barrier	Black Fibrous Homogeneous	35% Glass	65% Non-fibrous (other)	None Detected
71415-GR-3-Shingle 2 351504577-0003A	Roofing and Vapor Barrier	Black Fibrous Homogeneous	35% Glass	65% Non-fibrous (other)	None Detected
71415-GR-4 351504577-0004	SR-JC	White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
71415-GR-5-Linoleum 351504577-0005	Linoleum - RR	Tan Fibrous Homogeneous	25% Cellulose	75% Non-fibrous (other)	None Detected
71415-GR-5-Adhesive 351504577-0005A	Linoleum - RR	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
71415-GR-6 351504577-0006	Ceiling Texture	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
71415-GR-7 351504577-0007	Ceiling Texture	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn NVLAP Lab Code 200019-0

Initial report from 07/17/2015 10:24:45

**EMSL Analytical, Inc.**

14375 23rd Avenue North, Minneapolis, Mn 55447

Phone/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com>minneapolislab@emsl.com

EMSL Order: 351504577

CustomerID: IFEA50

CustomerPO:

ProjectID:

Attn: **Denice Kuchta**
Inst. For Environmental Assessment
9201 West Broadway
Suite 600
Brooklyn Park, MN 55445

Phone: (763) 315-7900
Fax: (763) 315-7920
Received: 07/15/15 9:40 AM
Analysis Date: 7/17/2015
Collected:

Project: **201510563 - House Move**

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
71415-GR-8 351504577-0008	Ceiling Texture	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
71415-GR-9 351504577-0009	Ceiling Texture	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
71415-GR-10 351504577-0010	Ceiling Texture	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

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Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn NVLAP Lab Code 200019-0

Initial report from 07/17/2015 10:24:45

**EMSL Analytical, Inc.**

14375 23rd Avenue North, Minneapolis, Mn 55447

Phone/Fax: (763) 449-4922 / (763) 449-4924

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EMSL Order: 351504577

CustomerID: IFEA50

CustomerPO:

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Attn: **Denice Kuchta**
Inst. For Environmental Assessment
9201 West Broadway
Suite 600
Brooklyn Park, MN 55445

Phone: (763) 315-7900
Fax: (763) 315-7920
Received: 07/15/15 9:40 AM
Analysis Date: 7/17/2015
Collected:

Project: **201510563 - House Move**

The samples in this report were submitted to EMSL for analysis by Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy. The reference number for these samples is the EMSL Order ID above. Please use this reference number when calling about these samples.

Report Comments:

Sample Receipt Date::	7/15/2015	Sample Receipt Time:	9:40 AM
Analysis Completed Date:	7/17/2015	Analysis Completed Time:	10:22 AM

Analyst(s):

Miles DelBusso PLM (12)

Samples reviewed and approved by:Rachel Travis, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn NVLAP Lab Code 200019-0

Initial report from 07/17/2015 10:24:45



9201 West Broadway North, Suite 600
Brooklyn Park, MN 55445
(763) 315-7900
1-800-233-9513

CHAIN OF CUSTODY

4577

Page L of L

Client #	Project # <u>201510563</u>	Building Name	<u>HOUSE MOVE</u>	Shaded Areas are for Laboratory Use Only!
Client	<u>WACONIA PUBLIC SCHOOLS</u>	Project Name	<u>11820 HOUSE 94TH ST</u>	
Address	<u>WACONIA MN</u>	Contact Person	<u>DAVE G.</u>	
		Contact Person Phone		
Other Information				

Verbal results to <u>Rosburg / Johannsen</u>	Phone, Fax No. or E-Mail	TAT (circle) 6 hr 1d <u>2d</u> 3d 4d Specify
Verbal results relayed to	Verbal results relayed by	Date Time

Analysis location: ☐ On Site ☒ Lab ☐ Regional Office ☐ Other EMSL

Sample #	Work Area or Phase #	Comments / Location	Sample type or Material code	Volume	Matrix type			Analysis requested				Filter type		
					Air	Bulk	Dust	PCM	PLM	TEM	Other	MCE	8 um	45 um
71415-62-1		SIDING			<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2		WINDOW CAULK			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3		ROOFING & VAPOR BARRIER			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4		SR-IC			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5		LINOLEUM - RZ			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6		CEILING TEXTURE			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7					<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8					<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9					<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
10					<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

The MN Department of Health Alternative Indoor Air Standard for this project is: _____				F/C/C	Batch Number: _____				Samples Acceptable? <input type="radio"/> Yes <input type="radio"/> No			
Sampled by	Date	Time	Delivered by	Date	Time	Received by lab	Date	Time	Entered by	Date	Time	
<u>G. Krumm</u>	<u>7/14/15</u>	<u>11:00 AM</u>	<u>UPS</u>	<u>7/14/15</u>		<u>McLay P</u>	<u>7/15/15</u>	<u>9:40</u>				
Received by	Date	Time	Delivered by	Date	Time	Analysis by	Date	Time	Delivered by	Date	Time	
						<u>UPS</u>						

12 F847W40197930311

SECTION IV

Asbestos Inspector Training Certification and License

Asbestos Inspector State Certification/Accreditation



George W. Rosburg
Director, Env. Health Div.



**ASBESTOS
INSPECTOR**

Certified by:
State of Minnesota
Department of Health

Expires: 10/10/2015

George W Rosburg
302 Krason Dr
Madison Lake, MN 56063

No. AI2481

Issued: 10/13/2014

Inspector

I have completed an EPA-approved training course and all appropriate refresher courses and am licensed as an Asbestos Inspector by the Minnesota Department of Health.

George Rosburg

Signature

George Rosburg

Print Name

July 14, 2015

Date of Inspection

AI2481

MDH State Certification/Accreditation Number



*Providing Trusted
Health and Safety Solutionssm*

CORPORATE
9201 West Broadway, #600
Brooklyn Park, MN 55445
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Rochester, MN 55904
507-281-6664

BRAINERD
13432 Elmwood Drive, Ste. #5
Baxter, MN 56525
218-454-0703

MARSHALL
1420 East College Drive
Marshall, MN 56258
507-476-3599 ■ 800-233-951

www.ieasafety.com
Institute for Environmental Assessment, Inc.
A Minnesota Corporation

George Rosburg

has attended and satisfactorily completed a

Refresher Training Course

Asbestos Inspector

Permitted by the State of Minnesota under Minnesota Rules 4620.3702 to 4620.3722. Course also complies with the Requirements of TSCA Title II Section 206.

COURSE LOCATION: Brooklyn Park, Minnesota
COURSE DATE: October 10, 2014
EXAM DATE: 10/10/2014
CERTIFICATE NO.: IEA-101014-IR-04
EXPIRATION DATE: 10/10/2015

Matt Lindberg
Trainer