

ASBESTOS AND REGULATED WASTE ASSESSMENT

3757 Bridge Street NW
St. Francis, Minnesota

Project # 7207-00



Prepared for:

City of St. Francis
23340 Cree Street Northwest
City of St. Francis, Minnesota 55070

January 12, 2018



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ENVIRONMENTAL • ENGINEERING • LAND SURVEYING

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1.0 SITE SPECIFIC AND CERTIFICATION

Building Description	Two-story former residential home with detached garage
Location:	3757 Bridge Street NW St. Francis, Minnesota

Type of Structure

3757 Bridge Street is a former single family residence with a detached garage that was renovated into a commercial business. The basement is a combination of poured concrete and cinder block walls. The main building is stick framed and finished with carpet, linoleum, sheetrock or plaster walls, ceiling tiles or plaster ceilings. The two-car garage is unfinished, is stick framed and the exterior is finished with wood siding. Photographs of the buildings can be found in Appendix A.

Current Owner:	City of St. Francis
Expected Disposition of the Structure:	Demolition

Licensure

A Minnesota Department of Health (MDH) certified asbestos inspector conducted the inspection and copies of the licenses and certification are included in Appendix B.

Certification

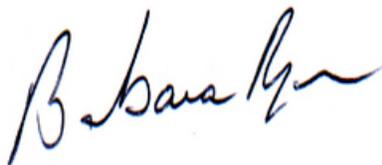
I, Christy Steman, certify that this asbestos inspection was performed in compliance with MN Rules 4620.3460.



MDH Asbestos Inspector, License #AI8581
Certified Hazardous Materials Manager, #15066

January 12, 2018
Date

I, Ms. Barbara Ryan, CHMM, PG, certify that I have reviewed this Asbestos and Regulated Waste Assessment Report.



MDH Asbestos Inspector, License #AI12651
Certified Hazardous Materials Manager, #13082

January 12, 2018

Date

2.0 SUMMARY OF ACTIONS REQUIRED FOR THIS DEMOLITION

2.1 Review of Drawings

As-built drawing were not available and were not reviewed prior to the inspection. Previous asbestos inspection reports were also not available for review. A site figure depicting the sample locations and locations of identified asbestos and regulated waste can be found in Appendix C.

2.2 Asbestos Summary

Suspect asbestos containing materials were identified in and on the buildings. Samples were collected from ceiling tiles, gypsum board (sheetrock), insulation, roofing tar paper, sink sound deadener, adhesive, insulation backing, caulking, putty, window glaze, linoleum, glue, floor tile, floor underlayment, plaster, wall texture, ceiling texture, and carpet mastic. None of the samples submitted were asbestos containing. A copy of the EMLab P&K, LLC analytical report is included in Appendix D.

An electrical panel was identified in the porch. Samples were not collected from the panel, but it is assumed that the paper or insulators in this panel contain asbestos. This panel must be removed as asbestos containing material prior to demolition. Also, electrical wiring throughout the buildings was not sampled due to live power; therefore, the wiring is also assumed to contain asbestos.

Asbestos Material

Material Sampled	Estimate Amount	Asbestos Amount (%)
Electrical panel	1	Assumed
Wiring		Assumed

2.3 Lead Summary

Peeling or cracking paint was not collected for lead analysis, since all paint can be left in place during demolition.

Copper water pipes are present within the home. It is assumed that lead solder was used for the fittings. This lead is not required to be removed prior to demolition. However, workers that use mechanical means to cut the pipes out of the home and the recycler of the pipes must be informed of the potential for lead containing materials..

Lead Material

Location Collected	Estimated Amount	Lead Quantity (%)
Copper pipe lead solder	40 linear feet	Assumed

2.4 Regulated Waste Summary

The following regulated waste was observed on or in the buildings:

2.4.1 Mercury

Fluorescent lights were identified within the home and garage. Fourteen bulbs were reported.

Mercury Material

Item	Quantity	Location
Fluorescent bulbs	14	House and garage interior

2.4.2 Polychlorinated Biphenyls (PCBs)

Suspect PCBs were identified in the ballasts of the fluorescent light fixtures. Four fixtures were identified.

PCB Material

Item	Quantity	Location
Ballasts	4	Main floor of the home.

2.4.3 Chlorofluorocarbons (CFCs)

One air conditioner was identified on the west side of the exterior of the home.

CFC Material

Item	Quantity	Location
Air conditioner	1	West side of the home.

2.4.4 Treated Wood

Treated wood was identified on the ramp on the south side of the home. The ramp is approximately 120 square feet

Treated Wood Material

Item	Quantity	Location
Treated wood	120 square feet	

2.4.5 Other

Many other items were identified during the assessment. The following is a list of those items.

Other Material

Item	Quantity	Location
Electric thermostat	1	Main floor of home
Garage door opener motor	1	Garage interior
Paint	3	House basement
Furnace	1	House basement
Water heater	1	House basement
Electric meter	1	House exterior
Gas meter	1	House exterior
Solar lights	5	Exterior ramp
Gas heater	1	Interior back entry

3.0 SUMMARY OF ALL ASBESTOS AND REGULATED WASTES

Description Location: 0.1 miles northeast of Ambassador Boulevard NW and Bridge Street NW

Address of Structure: St. Francis, Minnesota

Inspection Date: December 6, 2017

Category I and II Asbestos

Location	Sample Description	% Asbestos	Estimated Quantity	Item	Condition	Sample
House porch	Electric panel	Assumed	1	Cat II	Good	not applicable
Throughout	Wiring	Assumed	200 linear feet	Cat. II	Good	not applicable

Friable Asbestos

Location	Sample Description	% Asbestos	Estimated Quantity	Item	Condition	Sample
Friable Asbestos was not identified during this assessment.						

Regulated Wastes Summary

Lead Material

Location Collected	Estimated Amount	Lead Quantity (%)
Copper pipe lead solder	40 linear feet	Assumed

Mercury Material

Item	Quantity	Location
Fluorescent bulbs	14	House and garage interior

PCB Material

Item	Quantity	Location
Ballasts	4	Main floor of the home.

CFC Material

Item	Quantity	Location
Air conditioner	1	West side of the home.

Treated Wood Material

Item	Quantity	Location
Treated wood	120 square feet	

Other Material

Item	Quantity	Location
Electric thermostat	1	Main floor of home
Garage door opener motor	1	Garage interior
Paint	3	House basement
Furnace	1	House basement
Water heater	1	House basement
Electric meter	1	House exterior
Gas meter	1	House exterior
Solar lights	5	Exterior ramp
Gas heater	1	Interior back entry

If any suspect asbestos containing materials are encountered during the demolition/renovation that are not indicated in this report as being sampled, work must cease and a licensed asbestos inspector must be contacted to collect a sample to be submitted for laboratory analysis, to determine whether the material is asbestos containing.

Appendix A: Photographs



Photograph 1 - View of ceiling texturing, Sample31a.



Photograph 2 - View of the interior of the garage and garage door opener motor.



Photograph 3 - View of the exterior of the garage.



Photograph 4 - North side of the home.



Photograph 5 - East side of the home.



Photograph 6 - View of the south side of the home with the ramp and solar lights.



Photograph 7 - View of the west side of the home and air conditioner.



Photograph 8 - View of the furnace and water heater.



Photograph 9 - View of the paint cans in the basement.



Photograph 10 - View of the fiberglass backing in the basement, Sample 10.



Photograph 11 - View of the porch and electrical panel.



Photograph 12 - View of Sample 18.



Photograph 13 - View of the kitchen sink with sound deadener, Sample07.



Photograph 14 - View of the wood door and Sample 19.



Photograph 15 - View of the second floor hatch, Sample 13.



Photograph 16 - View of bedroom 2.



Photograph 17 - View of second floor landing, Sample 26.



Photograph 18 - View of the landing linoleum, Sample 28.



Photograph 19 - View of the bathroom and Sample08.



Photograph 20 - View of the front room and Sample 29.



Photograph 21 - DSCN1806

Appendix B: Licenses



m ASBESTOS
DEPARTMENT OF HEALTH INSPECTOR

Certified by:
State of Minnesota
Department of Health

Expires: 11/03/2018

Christine M Steman
46000 Cambridge Dr
Harris, MN 55032

SP/Hea
Director, Env. Health Div.

No. AI8581 Issued: 11/08/2017



m ASBESTOS
DEPARTMENT OF HEALTH SITE SUPERVISOR

Certified by:
State of Minnesota
Department of Health

Expires: 11/01/2018

Christine M Steman
46000 Cambridge Dr
Harris, MN 55032

SP/Hea
Director, Env. Health Div.

No. AS8581 Issued: 11/08/2017



MN LEAD
DEPARTMENT OF HEALTH Risk Assessor

Licensed by:
State of Minnesota
Department of Health

License No. LR1379
Expires 05/09/2018

Christine M Steman
46000 Cambridge Dr
Harris, MN 55032

SP/Hea
Director, Env. Health Div.

Certificate No: 5LM11031704IR

Expiration Date: November 3, 2018

This is to certify that
Christine Steman
has attended and successfully completed an
ASBESTOS INSPECTOR
REFRESHER TRAINING COURSE

permitted by
the State of Minnesota under Minnesota Rules 4620.3702 to 4620.3722
and meets the requirements of
Section 206 of Title II of the Toxic Substances Control Act (TSCA)
conducted by

Lake States Environmental, Ltd.

in

White Bear Lake, MN on November 3, 2017

Examination Date: November 3, 2017

Lake States Environmental, Ltd
P. O. Box 645, Rice Lake, WI 54868
(800) 254-9811


Training Instructor

Certificate No: 5LM11011701SR

Expiration Date: November 1, 2018

This is to certify that
Christine Steman
has attended and successfully completed an
ASBESTOS SUPERVISOR
REFRESHER TRAINING COURSE

permitted by
the State of Minnesota under Minnesota Rules 4620.3702 to 4620.3722
and meets the requirements of
Section 206 of Title II of the Toxic Substances Control Act (TSCA)
conducted by

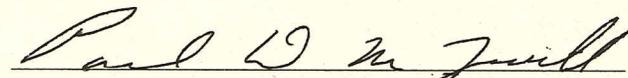
Lake States Environmental, Ltd.

in

White Bear Lake, MN on November 1, 2017

Examination Date: November 1, 2017

Lake States Environmental, Ltd
P. O. Box 645, Rice Lake, WI 54868
(800) 254-9811


Training Instructor

Christy Steman

has completed the Minnesota-Approved Lead Training course entitled:

Lead Risk Assessor Refresher Training

May 8, 2017

given by

Midwest Environmental Consulting, L.L.C.

125 Railroad Avenue SW, Mora MN 55051

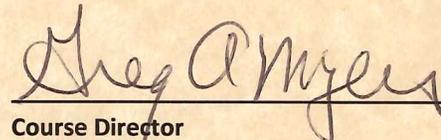
Phone: 763-691-0111/320-679-4054

SUCCESSFULLY PASSED THE EXAMINATION ON May 8, 2017, IN COON RAPIDS, MINNESOTA

IDENTIFICATION NUMBER: MEC/LRAR 1286

Expiration Date: May 8, 2018

MDH Permit Number: RAR-006


Course Director

Approved by the State of Minnesota under *Minnesota Rules*, parts 4761.2000 to 4761.2700

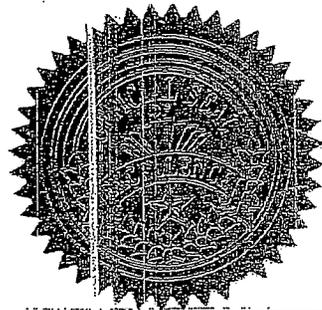
Certificate of Achievement

Christine Steman

Pro Source Technologies Inc

*Has successfully completed the
Thermo Fisher Scientific NITON Analyzers Manufacturer's Training Course
and is now certified in radiation safety and monitoring, device operation,
and machine maintenance of the NITON XRF Analyzer.
Certificate issued by Thermo Fisher Scientific NITON Analyzers
(CIH's - The ABIH Awards 1 CM point, approval # 07-1596)*

ThermoFisher
SCIENTIFIC



Witnia Gorylowski

Training Coordinator

Kenneth P. Spinks

Director of Training

0033000000Laue

Certificate Number

2007 Sept 20 / Albany, NY

Date & Site of Course

Board of Certified Safety Professionals

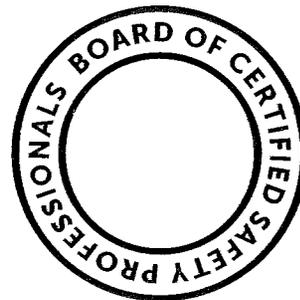
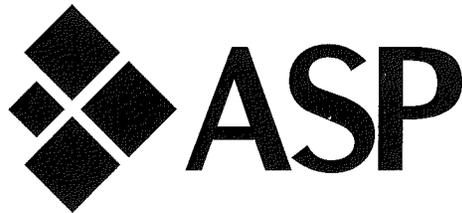
Upon the recommendation of the
Board of Certified Safety Professionals,
by virtue of the authority vested in it,
has conferred on

Christine Marie Hauble Steman

the credential of

Associate Safety Professional

and has granted the title as evidence of meeting the qualifications and passing
the required examination so long as this credential is not suspended or
revoked and is renewed annually and meets all recertification requirements.



December 14, 2016
DATE ISSUED

ASP-26402
CERTIFICATION NUMBER

John Hodges
BOARD PRESIDENT SIGNATURE

Treva M. Lumbough
BOARD SECRETARY SIGNATURE



THIS CERTIFIES THAT

Christine M. H. Steman

HAS SUCCESSFULLY MET ALL THE REQUIREMENTS OF EDUCATION, EXPERIENCE AND EXAMINATION, AND IS HEREBY DESIGNATED A

**CERTIFIED HAZARDOUS MATERIALS MANAGER
CHMM**

June 2009

15066

DATE OF CERTIFICATION

CREDENTIAL NUMBER

June 30, 2019

CERTIFICATION EXPIRES

EXECUTIVE DIRECTOR



VALID SO LONG AS THIS CREDENTIAL IS RENEWED ACCORDING TO SCHEDULE AND IS NOT OTHERWISE REVOKED.



Accredited by the American National Standards Institute and the Council of Engineering and Scientific Specialty Boards



Certificate of Completion

8 Hour HAZWOPER Refresher Training

29 CFR 1910.120/29 CFR 1926.65

*This is to certify completion of 8 Hour Hazardous Waste
Operations and Emergency Response Refresher Training
February 13, 2017*

Christine Steman

Topics Covered:

*HAZWOPER Standard, History, Acts, Scope and Application, Chemistry & Toxicology, DOTERG,
NIOSH Pocket Guide, Hazard Communication, Identification, Evaluation and Control, Personal
Protective Equipment, Donning, Doffing, Decontamination, Respiratory Protection,
Confined Space Entry & Rescue, Lockout/Tagout, Air Monitoring, Incident Command,
Written Examination & Testing,*

Ex Safety LLC

PO Box 468 Hudson, WI 54016

tbeyer@pressenter.com 715-220-5188 www.exsafetyguru.com

Ted Beyer, Instructor

T. Beyer



Certificate of Completion

*This is to certify completion of 1st Aid, CPR, BBP and AED
training on
February 13, 2017*

Christine Steman

*Course Outline: Bloodborne Pathogens, AED, CPR, 1st Aid, Heart Attack & Stroke,
Lecture, Discussion, Demonstration, Hands-on, Examination and Testing*

Ex Safety LLC
P O Box 468, Hudson, WI 54016
715.220.5188
Theodor J. Beyer, Instructor

T Beyer



THIS CERTIFIES THAT

Barbara Ryan

HAS SUCCESSFULLY MET ALL THE REQUIREMENTS OF EDUCATION, EXPERIENCE AND EXAMINATION, AND IS HEREBY DESIGNATED A

**CERTIFIED HAZARDOUS MATERIALS MANAGER
CHMM**



March 31, 2005

DATE OF CERTIFICATION

13082

CREDENTIAL NUMBER

March 31, 2021

CERTIFICATION EXPIRES

M. Patricia Buley
ACTING EXECUTIVE DIRECTOR

VALID SO LONG AS THIS CREDENTIAL IS RENEWED ACCORDING TO SCHEDULE AND IS NOT OTHERWISE REVOKED.



Accredited by the American National Standards Institute and the Council of Engineering and Scientific Specialty Boards



Minnesota Department of Health

Asbestos Contractor License

License Number: AC837

Issued on: May 9, 2017

To:

Carlson McCain, Inc.
3890 Pheasant Ridge Dr NE, Suite 100
Blaine, Minnesota 55449-

Responsible Individual: Christine M. Steman

This license is valid from June 4, 2017 to June 3, 2018.

Pursuant to Minnesota Statutes, section 144.99, this license may be suspended or revoked for failure to conduct asbestos-related work in compliance with applicable regulations.

Asbestos-related work must be conducted according to Minnesota Statutes, sections 326.70 to 326.81 and Minnesota Rules, parts 4620.000 to 4620.3724.



Thomas P. Hogan, Director
Environmental Health Division

MINNESOTA DEPARTMENT OF HEALTH

has authorized

CARLSON MCCAIN, INC.
3890 PHEASANT RIDGE DR NE, SUITE 100
BLAINE, MINNESOTA 55449

In accordance with Minnesota Statutes, section 144.9505 and Minnesota Rules, part 4761.2200, to practice in the State of Minnesota as a

CERTIFIED LEAD FIRM

LICENSE NO: LF4238

EXPIRES: 05/16/2018

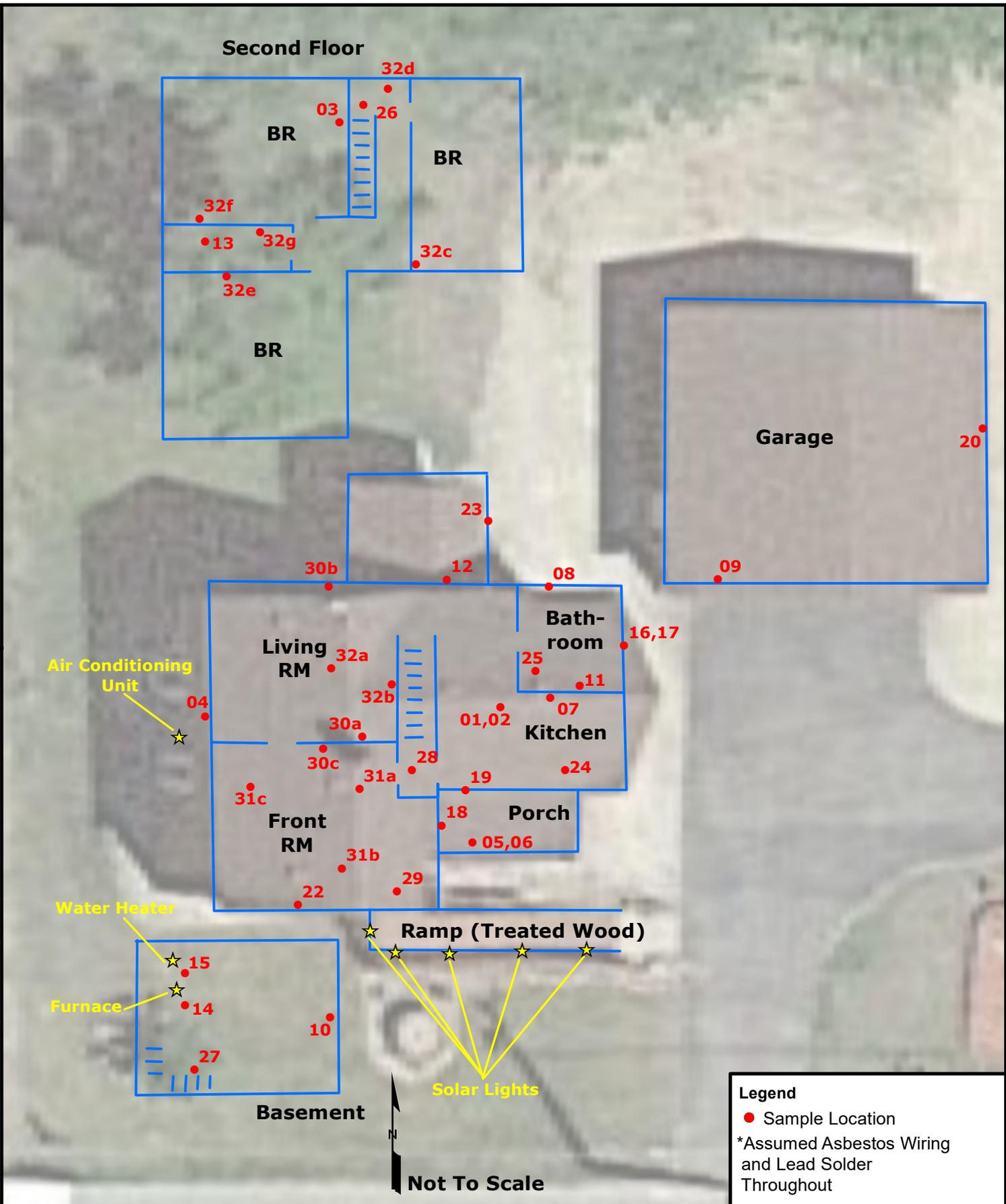
THIS CERTIFICATE IS NONTRANSFERABLE



A handwritten signature in black ink, appearing to read "T P Hogan", is positioned above the printed name of the Director.

Thomas P. Hogan, Director
Environmental Health Division

Appendix C: Site Figure



**Appendix D: Asbestos
Analytical Results and Chain
of Custody**



Report for:

Christy Steman, CHMM
Carlson McCain, Inc.
3890 Pheasant Ridge Drive NE, #100
Blaine, MN 55449

Regarding: Project: 7207; 3757 Bridge St.
EML ID: 1844636

Approved by:

Approved Signatory
Tracy Garcia

Dates of Analysis:
Asbestos PLM: 12-12-2017

Service SOPs: Asbestos PLM (EPA Methods 600/R-93/116 & 600/M4-82-020, SOP EM-AS-S-1267)

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the items tested. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Client: Carlson McCain, Inc.
 C/O: Christy Steman, CHMM
 Re: 7207; 3757 Bridge St.

Date of Sampling: 12-06-2017
 Date of Receipt: 12-07-2017
 Date of Report: 12-12-2017

ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Total Samples Submitted: 42
Total Samples Analyzed: 42

Total Samples with Layer Asbestos Content > 1%: 0

Location: 01, Kitchen 2x4 Ceiling Tile

Lab ID-Version‡: 8641093-1

Sample Layers	Asbestos Content
Gray Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	50% Cellulose 25% Mineral Wool
Sample Composite Homogeneity:	Good

Location: 02, Kitchen Gypsum board

Lab ID-Version‡: 8641094-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Good

Location: 03, Attic Insulation

Lab ID-Version‡: 8641095-1

Sample Layers	Asbestos Content
Yellow Insulation	ND
Composite Non-Asbestos Content:	97% Mineral Wool
Sample Composite Homogeneity:	Good

Location: 04, Exterior Black Insulation

Lab ID-Version‡: 8641096-1

Sample Layers	Asbestos Content
Brown Paint /Black Insulation	ND
Sample Composite Homogeneity:	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The 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. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

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 Date of Receipt: 12-07-2017
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ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: 05, Roofing tar paper

Lab ID-Version‡: 8641097-1

Sample Layers	Asbestos Content
Black Tar Paper	ND
Composite Non-Asbestos Content:	30% Cellulose
Sample Composite Homogeneity:	Good

Location: 06, Roofing adhesive, tar and shingle

Lab ID-Version‡: 8641098-1

Sample Layers	Asbestos Content
Black Roofing Shingle /Multicolored Pebbles	ND
Black Roofing Tar	ND
Composite Non-Asbestos Content:	10% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 07, Sink sounddeadener Patch

Lab ID-Version‡: 8641099-1

Sample Layers	Asbestos Content
Black Sink Undercoating	ND
Sample Composite Homogeneity:	Good

Location: 08, White wall adhesive bathroom

Lab ID-Version‡: 8641100-1

Sample Layers	Asbestos Content
Beige Paint /White Adhesive	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: 09, Garage door weather stripping

Lab ID-Version‡: 8641101-1

Sample Layers	Asbestos Content
Black Non-Fibrous Material	ND
Sample Composite Homogeneity: Good	

Location: 10, Basement fiberglass backing

Lab ID-Version‡: 8641102-1

Sample Layers	Asbestos Content
Brown/Black Paper /Pink Fibrous Material	ND
Composite Non-Asbestos Content:	3% Mineral Wool
Sample Composite Homogeneity: Good	

Location: 11, White bathroom caulking

Lab ID-Version‡: 8641103-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity: Good	

Location: 12, Back entry pipe caulking

Lab ID-Version‡: 8641104-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity: Good	

The test report shall not be reproduced except in full, without written approval of the laboratory. The 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. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

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 Date of Report: 12-12-2017

ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: 13, Attic hatch caulking

Lab ID-Version‡: 8641105-1

Sample Layers	Asbestos Content
Yellow Caulk	ND
Sample Composite Homogeneity: Good	

Location: 14, White putty furnace

Lab ID-Version‡: 8641106-1

Sample Layers	Asbestos Content
Off-White Putty	ND
Composite Non-Asbestos Content:	3% Cellulose
Sample Composite Homogeneity: Good	

Location: 15, Silver caulk basement

Lab ID-Version‡: 8641107-1

Sample Layers	Asbestos Content
Silver Caulk	ND
Sample Composite Homogeneity: Good	

Location: 16, New window white caulking

Lab ID-Version‡: 8641108-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity: Good	

The test report shall not be reproduced except in full, without written approval of the laboratory. The 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. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

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 Date of Report: 12-12-2017

ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: 17, New window clear caulking

Lab ID-Version‡: 8641109-1

Sample Layers	Asbestos Content
Transparent Caulk	ND
Sample Composite Homogeneity: Good	

Location: 18, Newer door porch glaze

Lab ID-Version‡: 8641110-1

Sample Layers	Asbestos Content
Yellow Window Glazing	ND
Sample Composite Homogeneity: Good	

Location: 19, Wood door porch glaze

Lab ID-Version‡: 8641111-1

Sample Layers	Asbestos Content
Yellow Non-Fibrous Material -Glazing	ND
Sample Composite Homogeneity: Good	

Location: 20, Garage window glaze

Lab ID-Version‡: 8641112-1

Sample Layers	Asbestos Content
Transparent Window Glazing	ND
Sample Composite Homogeneity: Good	

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Client: Carlson McCain, Inc.
 C/O: Christy Steman, CHMM
 Re: 7207; 3757 Bridge St.

Date of Sampling: 12-06-2017
 Date of Receipt: 12-07-2017
 Date of Report: 12-12-2017

ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: 21, Duplicate

Lab ID-Version‡: 8641113-1

Sample Layers	Asbestos Content
Yellow Putty	ND
Composite Non-Asbestos Content:	3% Cellulose
Sample Composite Homogeneity:	Good

Location: 22, Picture window glaze

Lab ID-Version‡: 8641114-1

Sample Layers	Asbestos Content
Off-White Window Glazing	ND
Sample Composite Homogeneity:	Good

Location: 23, Break door glaze

Lab ID-Version‡: 8641115-1

Sample Layers	Asbestos Content
Off-White Window Glazing	ND
Sample Composite Homogeneity:	Good

Location: 24, Kitchen Flooring

Lab ID-Version‡: 8641116-1

Sample Layers	Asbestos Content
Beige Floor Tile	ND
Black Felt	ND
Off-White Non-Fibrous Material	ND
White Floor Tile	ND
Composite Non-Asbestos Content:	30% Cellulose
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: 25, Bathroom Linoleum

Lab ID-Version‡: 8641117-1

Sample Layers	Asbestos Content
White Linoleum	ND
Sample Composite Homogeneity: Good	

Location: 26, 2nd Flr. Carpet glue

Lab ID-Version‡: 8641118-1

Sample Layers	Asbestos Content
Yellow Carpet Mastic	ND
Sample Composite Homogeneity: Poor	

Location: 27, Paper under wood floor

Lab ID-Version‡: 8641119-1

Sample Layers	Asbestos Content
Brown Fiberboard	ND
Composite Non-Asbestos Content:	95% Cellulose
Sample Composite Homogeneity: Good	

Location: 28, Steplanding linoleum green & white

Lab ID-Version‡: 8641120-1

Sample Layers	Asbestos Content
White Sheet Flooring with Fibrous Backing /Yellow Mastic	ND
Composite Non-Asbestos Content:	25% Cellulose
Sample Composite Homogeneity: Good	

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ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: 29, Ceramic tile front room

Lab ID-Version‡: 8641121-1

Sample Layers	Asbestos Content
Green Ceramic Tile	ND
White Grout	ND
Sample Composite Homogeneity: Good	

Location: 30a, 1st flr living rm wall

Lab ID-Version‡: 8641122-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity: Good	

Location: 30b, 1st flr living rm wall

Lab ID-Version‡: 8641123-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity: Good	

Location: 30c, 1st flr front rm wall

Lab ID-Version‡: 8641124-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity: Good	

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ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: 31a, Front rm ceiling texture

Lab ID-Version‡: 8641125-1

Sample Layers	Asbestos Content
White Paint /White Ceiling Texture	ND
Composite Non-Asbestos Content:	2% Vermiculite
Sample Composite Homogeneity:	Good

Location: 31b, Front rm ceiling texture

Lab ID-Version‡: 8641126-1

Sample Layers	Asbestos Content
White Paint /White Ceiling Texture	ND
Composite Non-Asbestos Content:	2% Vermiculite
Sample Composite Homogeneity:	Good

Location: 31c, Front rm ceiling texture

Lab ID-Version‡: 8641127-1

Sample Layers	Asbestos Content
White Paint /White Ceiling Texture	ND
Composite Non-Asbestos Content:	2% Vermiculite
Sample Composite Homogeneity:	Good

Location: 32a, Plaster LR ceiling

Lab ID-Version‡: 8641128-1

Sample Layers	Asbestos Content
White Plaster	ND
Light Brown Paper	ND
Composite Non-Asbestos Content:	5% Cellulose
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: 32b, Plaster LR wall & paper

Lab ID-Version‡: 8641129-1

Sample Layers	Asbestos Content
White Plaster	ND
Light Brown Paper	ND
Composite Non-Asbestos Content:	5% Cellulose
Sample Composite Homogeneity:	Good

Location: 32c, Plaster BR closet

Lab ID-Version‡: 8641130-1

Sample Layers	Asbestos Content
White Plaster	ND
Sample Composite Homogeneity:	Good

Location: 32d, Plaster Landing Stairs

Lab ID-Version‡: 8641131-1

Sample Layers	Asbestos Content
Gray Paint /White Skim Coat	ND
White Plaster	ND
Sample Composite Homogeneity:	Good

Location: 32e, Plaster BR 3

Lab ID-Version‡: 8641132-1

Sample Layers	Asbestos Content
Blue Paint /White Plaster	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: 32f, Plaster BR 2

Lab ID-Version‡: 8641133-1

Sample Layers	Asbestos Content
Blue Paint /White Plaster	ND
Sample Composite Homogeneity: Good	

Location: 32g, Plaster closet between 2&3

Lab ID-Version‡: 8641134-1

Sample Layers	Asbestos Content
Blue Paint /White Plaster	ND
Sample Composite Homogeneity: Good	

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Chain of Custody

www.EMLabPK.com

Elmhurst, IL



001844636

Contact Information					Requested Service	
Company: Carlson McCain, Inc.		Address: 3890 Pheasant Ridge Drive NE, Suite 100				
Contact: Christy Steman csteman@carlsonmccain.com		Blaine, MN 55449				
Phone: 7634897906		Special Instructions:				
Project Information						
Project ID: 7207						
Project Description: 3757 Bridge St.		Sampling Date: 12-6-17				
Project Zip Code:		Sampling Time:				
PO Number:		Sampled By: Christy Steman <i>[Signature]</i>				
Sample ID	Description	Sample Type	TAT	Notes	Asbestos Analysis - PLM (EPA method 600/RP3-116)	
01	Kitchen 2x4 Ceiling tile	B	STD			X
02	Kitchen gypsum board	B	STD			X
03	Attic insulation	B	STD			X
04	Exterior black insulation	B	STD			X
05	Roofing tar paper	B	STD			X
06	Roofing adhesive, tar and shingle	B	STD			X
07	5x8x sound deadener patch	B	STD			X
08	white wall adhesive bathroom	B	STD			X
09	Garage door weather stripping	B	STD			X
10	Basement fiberglass backing	B	STD			X
11	white bathroom caulking	B	STD			X
12	Back entry pipe caulking	B	STD			X
13	Attic Hatch caulking	B	STD			X
14	white putty furnace	B	STD			X
15	Silver caulking basement	B	STD			X
16	New window white caulking	B	STD			X
17	New window clear caulking	B	STD			X
18	Newer door porch glaze	B	STD			X
19	Wood door porch glaze	B	STD			X
20	Garage window glaze	B	STD			X
21	Duplicate	B	STD			X
Turn Around Time Codes (TAT)					Date & Time	
STD - Standard 3 days					Relinquished By: <i>[Signature]</i> 12-6-17 5:00 pm	
ND - Next Business Day					Received By: <i>[Signature]</i> 12/7/17 9:45	
SD - Same Business Day					Relinquished By:	
WH - Weekend/Holiday					Received By:	
Sample Type Code					B - Bulk	



Contact Information					Service Asbestos Analysis - PLM (EPA method 600/R-93-116)
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Contact: Christy Steman csteman@carlsonmccain.com			Blaine, MN 55449		
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Project Description: 3757 Bridg St.			Sampling Time:		
Project Zip Code:			Sampled By: Christy Steman		
PO Number:					
Sample ID	Description	Sample Type	TAT	Notes	
22	Picture window glaze	B	STD		X
23	Back door glaze	B	STD		X
24	Kitchen Flooring	B	STD		X
25	Bathroom linoleum	B	STD		X
26	2 nd Flr. Carpet glue	B	STD	Colne only!	X
27	Paper under wood floor	B	STD		X
28	Step landing linoleum Green & white	B	STD		X
29	Ceramic tile Front room	B	STD		X
30a	1 st Flr Living Rm @ wall	B	STD	test #1 Pos	X
30b	1 st Flr Living Rm wall	B	STD	↓	X
30c	1 st Flr Front Rm wall	B	STD	↓	X
31a	Front Rm Ceiling texture	B	STD	test #7 Pos	X
31b	↓	B	STD	↓	X
31c	↓	B	STD	↓	X
32a	Plaster LR Ceiling	B	STD	test #1 Pos	X
32b	LR wall + Paper	B	STD	↓	X
32c	BR1 Closet	B	STD	↓	X
32d	Landing Stairs	B	STD	↓	X
32e	BR3	B	STD	↓	X
32f	BR2	B	STD	↓	X
32g	Closet between 2+3	B	STD	↓	X
Turn Around Time Codes (TAT)					Date & Time
STD - Standard 3 days					Relinquished By: [Signature] 12-6-17 5:00pm
ND - Next Business Day					Received By: C. Olson 12/7/17 [Signature]
SD - Same Business Day					Relinquished By:
WH - Weekend/Holiday					Received By:
Sample Type Code					B - Bulk