



CITY OF SAINT PAUL  
Christopher B. Coleman, Mayor

375 Jackson Street, Suite 220  
Saint Paul, Minnesota 55101-1806

Telephone: 651-266-8989  
Facsimile: 651-266-9124  
Web: [www.stpaul.gov/dsi](http://www.stpaul.gov/dsi)

## Code Compliance Report

March 22, 2012

Housing And Redevelopment  
25 W 4th St Ste 1300  
St Paul MN 55102

Re: 719 Fuller Ave  
File#: 10 511805 VB2

Dear Property Owner:

The following is the Code Compliance report you requested on February 13, 2012.

Please be advised that this report is accurate and correct as of the date March 22, 2012. All deficiencies identified by the City after this date must also be corrected and all codes and ordinances must be complied with. This report is valid for 365 days from March 22, 2012. This report may be used in lieu of a Truth in Housing Report required in St Paul Legislative Code 189. This building must be properly secured and the property maintained at all times.

In order to sell or reoccupy this property the following deficiencies must be corrected:

**BUILDING**                      **Inspector: Jim Seeger**                      **Phone: 651-266-9046**

- Install handrails (34 inches - 38 inches above each nosing) and guardrails (36 inch minimum) at all stairways, and return hand rail ends into a newel post or wall per attachment.
- Repair or Replace any deteriorated window sash, broken glass, sash holders, re-putty, etc as necessary.
- Provide complete storms and screens, in good repair for all door and window openings.
- Exit doors shall be capable of being opened from the inside, easily and without the use of a key. Remove all surface bolts.
- Repair walls, ceiling and floors throughout, as necessary.
- Prepare and paint interior and exterior as necessary. Observe necessary abatement procedures (EPA, MPCA and St. Paul Legislative Code, Chapter 34 for additional information) if lead base paint is present.
- Air-seal and insulate attic/access door.
- Install Smoke Detectors/Carbon Monoxide Detectors per MN Conservation Code and the MN Dept. of Labor and Industry: Install per code where feasible. Hardwired in second floor bedrooms interconnected.
- Provide major clean-up of premises.

Re: 719 Fuller Ave  
March 22, 2012  
Page 2

**BUILDING**                      **Inspector: Jim Seeger**                      **Phone: 651-266-9046**

- Repair siding, soffit, fascia, trim, etc. as necessary.
- Provide proper drainage around house to direct water away from foundation of house.
- Provide proper drainage around house to direct water away from foundation of garage.
- Repair and replace siding, soffit and fascia on garage as needed.
- Install handrail on basement stairs.
- Install 1 hour fire wall at east wall of garage.
- A building permit is required to correct the above deficiencies.

**ELECTRICAL**                      **Inspector: Dan Moynihan**                      **Phone: 651-266-9036**

- Repair or Replace all broken, missing or loose light fixtures, switches and outlets, covers and plates
- Check all outlets for proper polarity and verify ground on 3-prong outlets
- Install hard-wired, battery backup smoke detector per bulletin 80-1 and other smoke detectors as required by the IRC. Also, Install carbon monoxide detector(s) within 10 feet of all bedrooms
- Install service disconnect on outside of house. Wire and ground to 2011 NEC. Purchase permit for a service and 4 circuits.
- All added receptacles must be grounded, tamper-resistant and be on an Arc-Fault Circuit Interrupter-protected circuit.
- Any open walls or walls that are opened as part of this project must be wired to the standards of the current NEC.
- All buildings on the property must meet the St. Paul Property Maintenance Code (Bulletin 80-1).
- All electrical work must be done by a Minnesota-licensed electrical contractor under an electrical permit.

**PLUMBING**                      **Inspector: Rick Jacobs**                      **Phone: 651-266-9054**

- Basement - Water Heater - not fired or in service (MPC 2180)
- Basement - Water Heater - need water heater permit for installation of water heater that was never on a permit.
- Basement - Water Piping - provide water piping to all fixtures and appliances (MPC 1700)
- Basement - Water Piping - repair or replace all corroded, broken or leaking piping (MPC 4715.1720)
- Basement - Gas Piping - run dryer vent to code (IFGC 613.1 - IMC 604.1)
- Basement - Soil and Waste Piping - replace the floor drain cover or clean out plug (MPC 1300)
- First Floor - Sink - verify garbage disposal works properly.
- Second Floor - Toilet Facilities - fixture is broken or parts missing (MPC 0200 0.)
- Exterior - Gas Piping - provide proper entry and test all gas for Excel unlock of gas meter.
- Exterior - Gas Piping - Improper entry into dwelling (IFGC 404.4)
- Comments: - Lower water service curb box access in sidewalk by street must be lowered to prevent a trip hazard.

Re: 719 Fuller Ave  
March 22, 2012  
Page 3

**PLUMBING                      Inspector: Rick Jacobs                      Phone: 651-266-9054**

- Obtain plumbing permits prior to commencement of work.

**HEATING                      Inspector: Kevin Chapdelaine                      Phone: 651-266-9042**

- Clean and Orsat test furnace burner. Check all controls for proper operation. Check furnace heat exchanger for leak; provide documentation from a licensed contractor that the heating unit is safe
- Vent clothes dryer to code
- All supply and return ducts for warm air heating system must be clean before final approval for occupancy. Provide access for inspection of inside of ducts or provide documentation from a licensed duct-cleaning contractor that the duct system has been cleaned.
- Mechanical gas permit is required for the above work.

**ZONING**

1. This property is in a(n) RT1 zoning district.
2. This property was inspected as a Single Family Dwelling.

**Notes:**

- See attachment for permit requirements and appeals procedure.
- Roof, sidewalks, etc. snow covered and could not be inspected. All must meet appropriate codes when completed.

**This is a registered vacant building. In order to sell or reoccupy this building, all deficiencies listed on this code compliance report must be corrected in accordance with the Minimum Housing Standards of the St. Paul Legislative Code (Chapter 34) and all required permits must receive final approval within six (6) months of the date of this report. One (1) six-month time extension may be requested by the owner and will be considered if it can be shown that the code compliance work is proceeding and is more than fifty (50) percent complete in accordance with Legislative Code Section 33.03(f).**

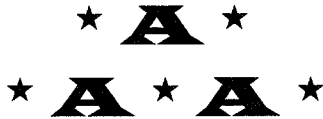
You may file an appeal to this notice by contacting the City Clerk's Office at 651-266-8688. Any appeal must be made in writing within 10 days of this notice. (You must submit a copy of this notice when you appeal, and pay a filing fee.) If you have any questions regarding this inspection report, please contact Jim Seeger between 7:30 - 9:00 AM at 651-266-9046 or leave a voice mail message.

Sincerely,

James L. Seeger, Code Compliance Officer  
Department of Safety and Inspections  
Phone: 651-266-9046                      Email: james.seeger@ci.stpaul.mn.us

JLS:ml

Attachments



## **Asbestos Abatement Associates**

*3125 Logan Ave. N., Minneapolis, MN 55411*

**Asbestos/Hazardous Materials Survey  
Residential Property  
719 Fuller ~~St~~ Ave.  
St. Paul, MN 55104**

**Prepared by:  
Asbestos Abatement Associates  
3125 Logan Ave. N.  
Mpls., MN 55411**

**Prepared for:  
City of St. Paul  
Cindy Carlson  
25 West 4<sup>th</sup> St. #1100  
St. Paul, MN 55102**

**Richard Pruitt #1207  
September 8, 2011**

A handwritten signature in black ink, appearing to read 'Richard Pruitt', written over a horizontal line.

(Signature)

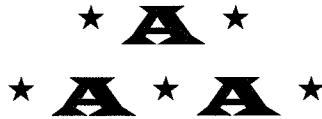
A handwritten date '9-8-2011' in black ink, written over a horizontal line.

(Date)

*North Metro: 612-588-7755  
St. Paul: 651-633-4060*

*South Metro: 612-823-2955  
Fax: 612-588-6780*

*Email: abatenow@popp.net*



## **Asbestos Abatement Associates**

*3125 Logan Ave. N., Minneapolis, MN 55411*

### **Project Description 719 Fuller Ave., St. Paul, MN**

Asbestos Abatement Associates was retained by Cindy Carlson of the City of St. Paul to conduct an Asbestos/Hazardous Materials Survey for a residential home located at 719 Fuller Ave., St. Paul, MN. We were asked to prepared this report (the Survey) and report the findings of the Survey.

The reason for the visit is to identify friable and non-friable asbestos containing materials which may become friable during demolition.

The home is approximately 106 years old. It has 3 levels and is approximately 1,815 sq. ft. The structure is made of concrete footings and river rock foundation with a concrete floor in the basement. It is wood framed and sided with Asbestos overlayment. There are hardwood floors throughout. The walls and ceilings are sheetrock and plaster and most are new. The furnace and cutting are new. There are two (2) older ducts that run to the 2<sup>nd</sup> floor with Asbestos paper on them about 40 sq. ft. The home is very clean and has been remodeled lately. We didn't put any holes in the walls. All the windows are new. The garage is 20x20 and slab on grade and it is wood framed and sided with vinyl. Both structures have asphalt roofing.

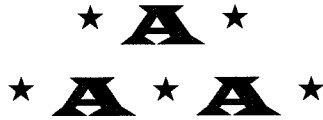
This Survey represented by Richard Pruitt on September 8, 2011. The Survey Area consisted of accessible portions of the Building at the time of the Survey.

Copies of Mr. Pruitt's Asbestos Inspector certificate and license are included.

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## **Asbestos Abatement Associates**

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### **Scope of Services**

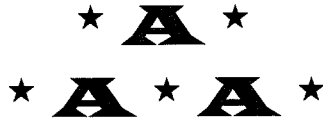
**719 Fuller Ave., St. Paul, MN**

- A destructive assessment of accessible portions of the building was conducted Richard Pruitt, Asbestos Building Inspector #1207. Suspect Asbestos containing building materials were identified per current Minnesota Department of Health (MDH) Asbestos Abatement Rules and Occupational Safety and Health Administration (OSHA) regulations.
- Samples of suspect ACM identified during the Survey were collected for laboratory analysis in accordance with MDH and OSHA regulations.
- The location, estimated quantity, and condition of suspect ACM were documented.
- The presence and/or quantity of other materials such as hazardous wastes or building materials that would be classified as special wastes for demolition were documented.
- The presence and/or quantity of equipment that could contain polychlorinated biphenyls (PCBs), ozone depleting chemicals (ODCs), and mercury or other regulated metals was documented.

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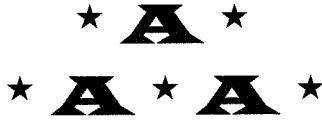
### **Sampling Methodology** **719 Fuller Ave., St. Paul, MN**

- Asbestos Abatement Associates identified homogenous building materials in accordance with the Environmental Protection Agency (EPA) Asbestos Hazardous Emergency Response Act (AHERA) 40 CFR Part 763, Subpart E as specified in MDH and OSHA rules and regulations. Homogenous areas are defined as areas of surfacing materials, thermal system insulation materials or other miscellaneous materials which upon examination for properties such as age, color, size and texture appear to be composed of the same material.
- The building materials are collected from randomly selected locations throughout the building where the material is found to be present. Samples of these materials are assumed to be representative of that material wherever it is found throughout the building.
- Samples of potential ACMs were collected by Asbestos Abatement Associates and were analyzed using Polarized Light Microscopy (PLM) by Angstrom Analytical, Inc., in Saint Louis Park, Minnesota. Angstrom's National Voluntary Laboratory Accreditation Program code number is 101099. (Copy of Lab Qualification Included) The MDH, OSHA, and EPA define ACM as a material which contains greater than one percent asbestos by qualitative or quantitative analysis

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**719 Fuller Ave., St. Paul, MN**

techniques. The EPA's National Emission Standard for Hazardous Air Pollutants (NESHAP) requires quantitative analysis, commonly referred to as a "point count", for all qualitative analysis results when asbestos is detected in concentrations less than one to ten percent. However, under common practice, qualitative results greater than three and less than ten percent are often accepted to be ACM.

### **Testing Results**

Asbestos Abatement Associates collected a total of seven (7) samples of suspect (ACM) that were analyzed by Angstrom Analytical.

See Survey/Sample Results in table on the next pages with the sample results in the page following.

Lead report was done by Angstrom Analytical and is inserted at the end of these report.

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## **Asbestos Abatement Associates**

*3125 Logan Ave. N., Minneapolis, MN 55411*

### **Sample Results 719 Fuller Ave., St. Paul, MN**

**Sample #4** is the grey Asbestos Transite siding and was found to contain 24% Chrysotile Asbestos containing material and must be removed by a State Licensed Asbestos Contractor with estimated cost for removal \$4,495.00.

**All other items tested were found to be non-asbestos containing listed as follows:**

- Brown ceramic tile in bathroom 7x6
- Wall plaster skim and base in living room closet
- White sheetrock in kitchen
- Wall plaster skim and base in bedroom #1

### **Hazardous Waste Items Found On Site**

- 1 carbon monoxide detector
- 1 furnace
- 2 smoke detectors
- 1 thermostat
- 1 water heater

The estimated cost for removal of Hazardous Waste items is \$350.00.

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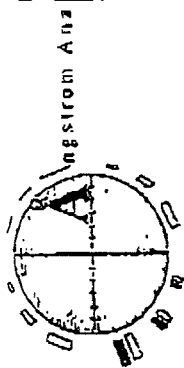
*Email: abatenow@popp.net*

Angstrom Analytical  
 5001 Cedar Lake Road  
 St. Louis Park, Mn 55416

**ASBESTOS (PLM) BULK SAMPLES:  
 REPORT OF MATERIALS ANALYSIS**

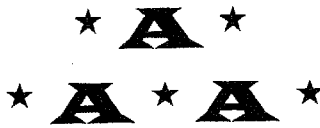


ASBESTOS ABATEMENT ASSOCIATES



<b>CLIENT</b> City of St. Paul	<b>Project Location</b>	<b>Results Via</b> FAX	<b>Data Entry</b> 9-7-11	<b>Approved By</b> KH
<b>CLIENT ADDRESS</b> 719 Fuller Ave. St. Paul 55104	<b>Client/Receiving #</b> 17		<b>Project #</b> 25413	<b>Analyst</b> KH
<b>Fax #</b>	<b>Assigned/Lab #</b> 11-09		<b>Date Rec'd</b> 9-7-11	<b>Analyzed</b> 9-7-11
			<b>Date Mailed</b>	<b>Phoned</b>

Sample Number	Material	Physical Description	Location	Asbestos Type	Approximate Percent
1	Ceramic Tile	Brown	Bathroom 7x6	None	Detected
2	Wall Plaster base	Cementitious	Living Room Closet	None	Detected
3	Sheetrock	White	Kitchen	None	Detected
4	Transite Siding	Grey	Exterior 2200g/24 CHR	None	24 %
5	Wall Plaster base	Cementitious	Bedroom #1	None	Detected
6	Wall Plaster Sinter #3	Cementitious	L.R. Closet	None	Detected
7	Wall Plaster Sinter #5	Cementitious	Bedroom #1	None	Detected



## **Asbestos Abatement Associates**

*3125 Logan Ave. N., Minneapolis, MN 55411*

The structure is ready to be demolished only after the Friable Asbestos containing items are removed by an Asbestos contractor. The non-friable Asbestos can remain in place for demolition but you must make the landfill aware the debris has non-friable class nine materials mixed in. Non Friable Asbestos containing materials are subject to the MPCA rules and notifications.

All hazardous materials need to be managed properly and removed prior to demolition. The following is a sample of hazardous building materials:

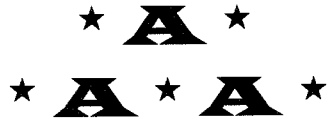
- Polychlorinated Biphenyls (PCBS) found in light ballasts, capacitors, HVAC systems, and transformers.
- Mercury found in fluorescent lamps, switches, vapor lamps, thermostats, metal halide lamps, high pressure sodium lamps, neon lamps, manometers, and gauges. Many mercury containing materials were used in appliances, HVAC systems, or industrial switches or controls, thermocouples, temperature sensors, and other electrical equipment.
- Pb based paint that is not adhering to the substrate.
- Refrigerants/CFCs/HCFCs are found in refrigerators, AC systems, drinking fountains, dehumidifiers, vending machines, heat pumps, chillers, freezers, ice machines, food display cases.
- Appliances including stoves, refrigerators, furnaces, air exchangers, water heaters, etc.
- Chemicals, oils, batteries, paint cans, agricultural chemicals, other hazardous building materials.
- Trash, furniture, mattresses, engine parts, construction waste, etc.

Sincerely,  
Richard Pruitt

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# **Asbestos Abatement Associates**

*3125 Logan Ave. N., Minneapolis, MN 55411*

## **Sampling Area Measurements for Abatement 719 Fuller Ave., St. Paul, MN**

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<b>Sample #4</b> Transite siding on exterior	<b>2,200 sq. ft.</b>
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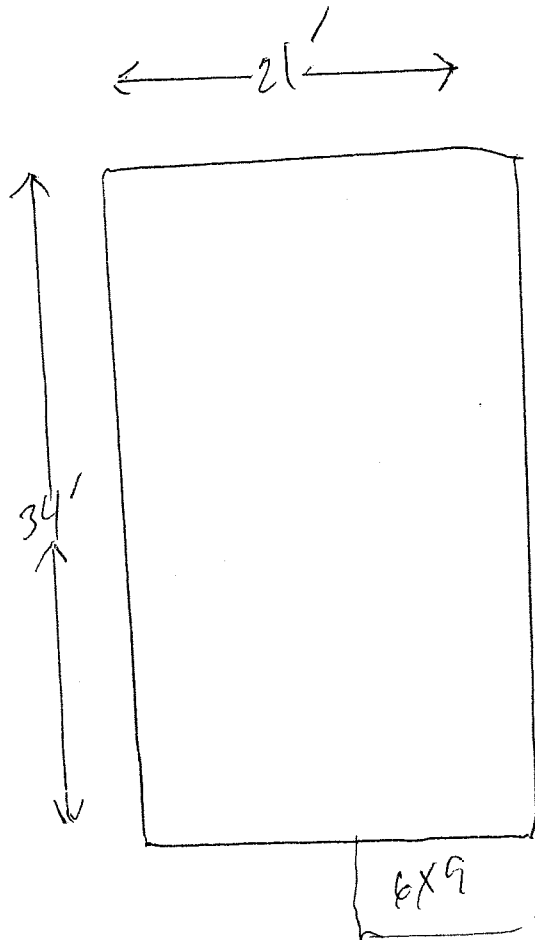
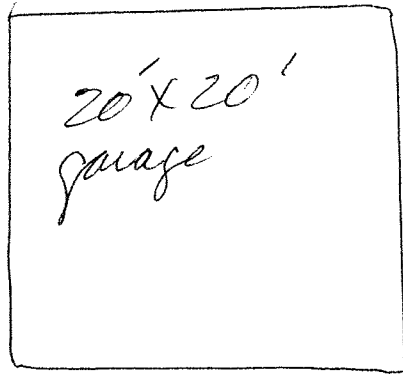
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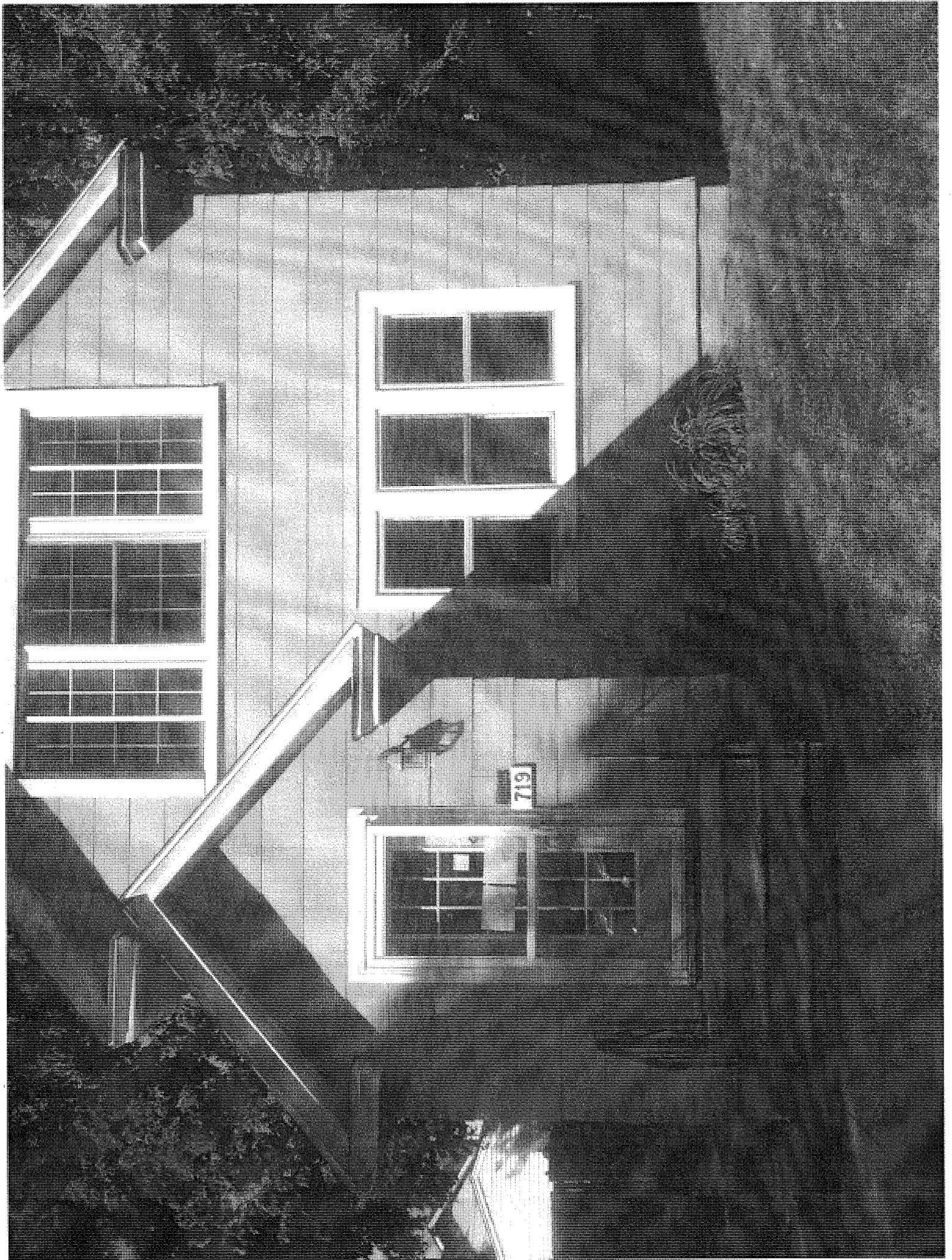
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[Home](#)

[Text of the "Final Report to Laboratories" \(PDF\)](#)

**American Industrial Hygiene Association  
Bulk Asbestos Analytical Testing Program  
Results of Round A69-406  
1/15/2007**

Charles Tye  
Angstrom Analytical, Inc.  
5001 Cedar Lake Road South  
St. Louis Park, MN 55416

Laboratory ID Number  
101099

Total Penalty Points 0  
Round Status P  
Program Status P

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Lot Designation(Sample ID Numbers)	A) 4995	B) 2942	C) 3637	D) 2594
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Analysis Results from Laboratory Number 101099								
Asbestos (%)	AMOS	( 10)	CHRY	( 35)	NONE	( 0)	ANTH	( 80)
	CHRY	( 8)	NONE	( 0)	NONE	( 0)	NONE	( 0)
	NONE	( 0)	NONE	( 0)	NONE	( 0)	NONE	( 0)
Other Fibrous Materials (%)	NONE	( 0)	NONE	( 0)	SYNT	( 40)	NONE	( 0)
	NONE	( 0)	NONE	( 0)	NONE	( 0)	NONE	( 0)
Nonfibrous Material (%)	OTHR	( 82)	OTHR	( 65)	OTHR	( 40)	OTHR	( 20)
Penalty Points Assessed		0		0		0		0

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Analysis Results from Reference Laboratory One									
Asbestos (%)	AMOS	( 8)	CHRY	( 25)				ANTH	( 70)
	CHRY	( 6)	ACTN	(TRA)					
Other Fibrous Materials (%)			FBGL	( 5)	CELL	( 15)			
Nonfibrous Material (%)	ACID	( 36)	ACID	( 70)	MICA	( 40)	OTHR	( 30)	
					ACID	( 45)			

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Analysis Results from Reference Laboratory Two									
Asbestos (%)	AMOS	( 15)	CHRY	( 11)				ANTH	( 85)
	CHRY	( 3)	AMOS	(TRA)					
Other Fibrous Materials (%)			FBGL	( 81)	CELL	( 25)			
Nonfibrous Material (%)	OTHR	( 82)	OTHR	( 8)	OTHR	( 75)	OTHR	( 15)	

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Acceptable Quantitation Range (%)	AMOS	(1-25)	CHRY	(5-50)				ANTH	(35-100)
	CHRY	(TRA-15)							

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Summary of Results from all Laboratories									
Type One Asbestos	AMOS							CHRY	ANTH
Type One Mean	11.5							22.0	53.7
Type Two Asbestos	CHRY								
Type Two Mean	14.8								
Type Three Asbestos									
Type Three Mean									
Other Asbestos Types Reported in Sample	ACTN, ANTH, CROC	AMOS, ANTH, CROC, TREM				ACTN, AMOS, CHRY, TREM			

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ACTN=Actinolite	CHRY=Chrysotile	CELL=Cellulose	ACID = acid-soluble fraction, including but not limited to, calcite, gypsum, dolomite, magnesite, hydromagnesite, anhydrite, and bassanite
AMOS=Amosite	CROC=Crocidolite	FBGL=Fiberglass/Mineral Wool	MICA=Micaceous Material
ANTH=Anthophyllite	TREM=Tremolite	SYNT=Synthetic	OTHR=Other

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Round Status: P=Pass F=Fail TE = Temporarily Excused  
 Program Status: P=Proficient NP=Nonproficient NA = Not Applicable

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Certificate No: 5LM04041112IR

Expiration Date: April 4, 2012

This is to certify that  
**Richard C. Pruitt**  
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.**

**White Bear Lake, MN on April 4, 2011  
Examination Date: April 4, 2011**

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

  
Training Instructor



Certified by:  
State of Minnesota  
Department of Health  
**Expires: 04/04/2012**

**Richard C Pruitt**  
3125 Logan Ave No  
Minneapolis, MN 55411

*Frank E. Bauer*  
Director, Env. Health Div.

No A11207

Issued: 04/19/2011



ngstrom Analytical &  
Environmental Services

5001 Cedar Lake Road \* St. Louis Park, MN 55416  
952-252-0405 952-252-0407 fax

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August 31, 2011

Asbestos Abatement Associates  
3125 Logan Ave N  
Minneapolis, MN 55411  
612-588-7755

Owner:  
City of St. Paul  
15 Kellogg Blvd.  
St. Paul, MN 55102  
651-266-8989

**Lead-Based Paint Inspection**  
**719 Fuller Ave. St. Paul, MN**

This report provides the results of lead-based paint testing conducted on August 26, 2011 at 719 Fuller Ave. The property is a single-family residential property located in St. Paul, MN. The inspection was conducted by Kevin Hagen (MN Lic. No. LR2036). Angstrom Analytical, Inc. was authorized by you to conduct an inspection for lead-based paint using a field portable x-ray fluorescence (XRF) analyzer. The purpose of this assessment was to determine if lead based paint exists at the above referenced property.

The property consists of a one and a half story single family home with a full basement. Some of the basement is unpainted. There was no garage on the property. According to Zillow.com the property was built in 1905. For sample location purposes, side A of the building is the side facing Fuller Ave and is lettered clockwise around the building. The exteriors consist of transite siding with metal trim work, fascia, soffit and metal gutters, all with factory applied finishes. Most of the windows are new, uniform in size and are of the double-hung type. Building foundation is concrete. Bare soil was observed around the property however, no soil samples were collected. At a minimum, the Minnesota Dept. of Health recommends bare soils be made intact by covering them over with either sod, landscaping stone or mulch.

On the interior, the kitchen and bathroom cabinetry are uniform and appear relatively new. The closet shelving components are painted. The walls were mostly painted white and the doors and trim were white and brown.

## Results

Results of XRF analysis are summarized in the following report (see Appendix A), which utilize Department of Housing and Urban Development (HUD) thresholds (see remarks) for lead-based paint. Painted surfaces are rated on condition as Intact, Fair or Poor. Intact surfaces are free of visual damage/deterioration. Fair or poor rating indicates the paint is damaged and is deteriorated. Any condition listed as fair or poor is a deteriorated condition. The inspection was conducted using HUD "Guidelines for the Evaluation and Control of Lead Based Paint in Housing" using the October 1997 revised Chapter 7 protocols. The sampling criteria used are found in the HUD Standards 24 CFR Part 35 et al.

## Methodology

Testing was accomplished using a Niton XL 300 series. This instrument is a portable, non-destructive, in-site testing and measurement instrument that renders an average precision of +/- 0.3 milligrams per square centimeter ( $\text{mg}/\text{cm}^2$ ) depending upon the length of time the sample point is tested. The XRF uses a source of Cd-109. Specific precision limits are established by the National Institute of Standards and Technology (NIST). The XRF instrument was checked using the NIST Standard Reference for calibration checks. The instrument's operational mode is standard paint mode. This instrument is operated by Minnesota Department of Health licensed lead inspectors. Where conclusive results were not obtained by XRF testing, confirmatory paint chip samples were or can be collected for laboratory analysis. The XRF instrument was calibrated, using a known lead paint film, at the beginning, every four hours and at the end of each day.

## Remarks

The Lead-Based Paint Poisoning Prevention Act (LBPPA) has established an action level for public housing. Under the statute, lead-based paint hazards equal to or greater than  $1.0 \text{ mg}/\text{cm}^2$  or 0.5 percent by weight must be abated. It is important to keep in mind that the testing results of a component also apply to any similar component not tested. For example, if a white, painted baseboard tests positive then the entire white painted baseboard in that room is also considered positive.

All sampling was conducted by representatives of Angstrom Analytical, Inc. Standards for private or commercial housing may vary by locality.

## Results

The results of the portable x-ray fluorescence (XRF) analysis of the representative building components are listed in appendix A. All paint testing was conducted using the XRF unit. The XRF was calibrated and the beginning of each days inspection, during the inspection and at the end of each days inspection. Calibration was conducted on known lead paint films provided by the manufacturer. The results of the calibrations are within acceptable limits of the Performance Characteristic Sheet for the instrument. XRF results are expressed in units of milligrams per square centimeter ( $\text{mg}/\text{cm}^2$ ) (see Remarks for action levels). XRF results are classified as

positive or negative. A component that tests positive indicates lead is present at or above the standard (see Remarks).

## **Discussion**

Painted building components were assessed visually for condition. Paint is rated on its condition as intact, fair and poor. Intact means good condition, Fair means less than two square feet of damage to a large interior surface or less than 10 square feet to a large exterior surface or less than 10% damage to a small surface area. Poor condition means greater than 2 square feet of damage on large interior surface, more than 10 square feet on a large exterior surface or more than 10% damage to a small surface area. Painted surfaces listed as in fair or poor condition are considered deteriorated. Based on our inspection findings, lead based paint was identified on the following components:

## **Summary**

- The original wood window systems including the basement windows.
- The original interior wood door systems.
- The original wood trim work.
- Any painted surface under the exterior siding, soffit or fascia is assumed to be lead containing.

## **Lead Based Painted Components**

- The original wood window systems throughout the house.
- The painted metal clad window wells throughout the house.
- The yellow painted wood baseboard in the front entrance.
- The white painted wood closet door in the front entrance.
- The tan painted wood stair tread going to the basement.
- The exterior white painted wood window components.

*Please refer to the Lead Based Paint Testing Report (Appendix A) for specific locations and conditions. At a minimum, surfaces in fair to poor condition need to be stabilized. Intact lead based paint surfaces are not considered a hazard. However they do need to be maintained in an intact condition and periodically monitored. Specific surfaces not identified in this report should be treated as lead based unless testing proves otherwise.*

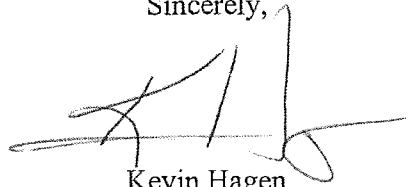
## **Recommendations**

Angstrom Analytical recommends that lead related work be performed by trained individuals and follow all applicable regulations regarding lead and lead hazards. If you are using federal

funding you are required to use qualified firms, knowledgeable in hazards associated with lead and are certified / licensed to perform lead remediation services. A copy of this report must be provided to purchasers/lessees on this property under Federal law, 24 CFR part 35 and 40 CFR part 745.

If you have any questions or need further assistance, please call us at the number above.

Sincerely,

A handwritten signature in black ink, appearing to read 'Kevin Hagen', with a long horizontal flourish extending to the right.

Kevin Hagen  
Angstrom Analytical, Inc.

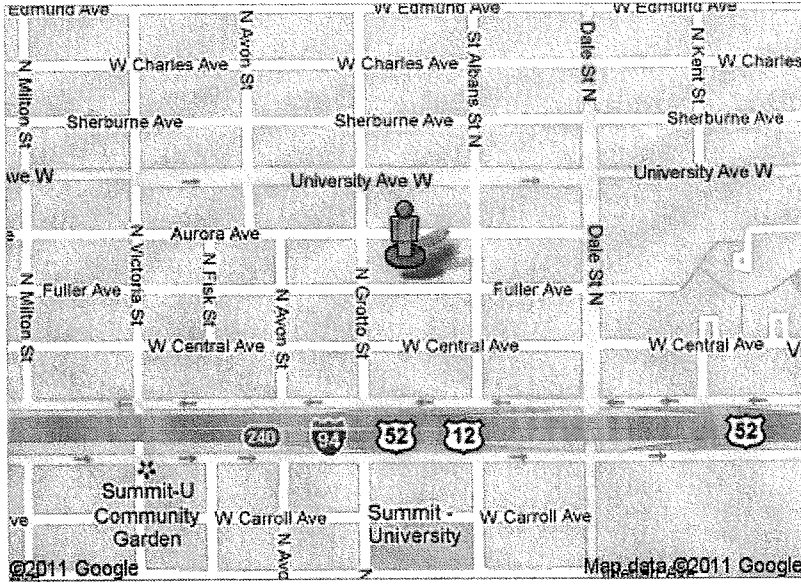
# Google maps

Address <sup>719</sup>~~680~~ Fuller Avenue

Address is approximate

**Save trees. Go green!**

Download Google Maps on your phone at [google.com/gmm](http://google.com/gmm)







132	8/26/2011	10:25	PAINT WINDOW WELL	METAL	C	INTACT	WHITE	719	SECOND	NE Bedroom	Positive	22.9	7.5
133	8/26/2011	10:26	PAINT WALL	DRYWALL	A	INTACT	orange	719	SECOND	NE Bedroom	Null	< LOD	4.68
134	8/26/2011	10:27	PAINT WALL	DRYWALL	A	INTACT	orange	719	SECOND	BATHROOM	Negative	< LOD	1.05
135	8/26/2011	10:27	PAINT DOOR JAM-TRIM	WOOD	A	INTACT	WHITE	719	SECOND	BATHROOM	Negative	< LOD	1.87
136	8/26/2011	10:28	PAINT DOOR	WOOD	A	INTACT	WHITE	719	SECOND	BATHROOM	Negative	< LOD	2.1
137	8/26/2011	10:28	PAINT CEILING	DRYWALL	A	INTACT	WHITE	719	SECOND	BATHROOM	Negative	< LOD	1.84
138	8/26/2011	10:28	PAINT WINDOW	WOOD	C	INTACT	WHITE	719	SECOND	BATHROOM	Negative	< LOD	1.62
139	8/26/2011	10:29	PAINT WINDOW SILL	WOOD	C	INTACT	WHITE	719	SECOND	BATHROOM	Negative	< LOD	1.68
140	8/26/2011	10:29	PAINT WINDOW CASING	WOOD	C	INTACT	WHITE	719	SECOND	BATHROOM	Negative	< LOD	1.65
141	8/26/2011	10:31	PAINT WALL	DRYWALL	A	INTACT	BEIGE	719	FIRST	LR, Dining	Negative	< LOD	2.02
142	8/26/2011	10:31	PAINT BASEBOARD	WOOD	A	INTACT	WHITE	719	FIRST	LR, Dining	Negative	< LOD	1.65
143	8/26/2011	10:31	PAINT CEILING	DRYWALL	A	INTACT	WHITE	719	FIRST	LR, Dining	Negative	< LOD	2.49
144	8/26/2011	10:32	PAINT FLOOR	WOOD	A	INTACT	TAN	719	FIRST	LR, Dining	Negative	< LOD	0.9
145	8/26/2011	10:32	PAINT WINDOW SILL	WOOD	A	INTACT	WHITE	719	FIRST	LR, Dining	Negative	< LOD	1.58
146	8/26/2011	10:33	PAINT WINDOW CASING	WOOD	A	INTACT	WHITE	719	FIRST	LR, Dining	Negative	< LOD	0.6
147	8/26/2011	10:33	PAINT WINDOW	WOOD	A	INTACT	WHITE	719	FIRST	LR, Dining	Negative	< LOD	1.5
148	8/26/2011	10:34	PAINT WALL	PLASTER	A	INTACT	YELLOW	719	FIRST	ENT	Null	< LOD	5.85
149	8/26/2011	10:34	PAINT WALL	PLASTER	A	INTACT	YELLOW	719	FIRST	ENT	Negative	< LOD	1.14
150	8/26/2011	10:34	PAINT BASEBOARD	WOOD	A	INTACT	YELLOW	719	FIRST	ENT	Positive	2.5	0.7
151	8/26/2011	10:35	PAINT DOOR	METAL	A	INTACT	GRAY	719	FIRST	ENT	Negative	< LOD	0.6
152	8/26/2011	10:36	PAINT DOOR JAM-TRIM	WOOD	A	INTACT	YELLOW	719	FIRST	ENT	Negative	< LOD	1.82
153	8/26/2011	10:36	PAINT WINDOW	WOOD	D	INTACT	YELLOW	719	FIRST	ENT	Positive	2.1	0.7
154	8/26/2011	10:36	PAINT WINDOW CASING	WOOD	D	INTACT	YELLOW	719	FIRST	ENT	Positive	1.6	0.5
155	8/26/2011	10:37	PAINT closetdoor	WOOD	B	INTACT	WHITE	719	FIRST	ENT	Positive	4.1	2
156	8/26/2011	10:39	PAINT WALL	DRYWALL	C	INTACT	GREEN	719	FIRST	KITCHEN	Negative	< LOD	0.9
157	8/26/2011	10:40	PAINT BASEBOARD	WOOD	C	INTACT	WHITE	719	FIRST	KITCHEN	Negative	< LOD	1.72
158	8/26/2011	10:40	PAINT FLOOR	WOOD	C	INTACT	TAN	719	FIRST	KITCHEN	Negative	< LOD	0.75
159	8/26/2011	10:41	PAINT WINDOW	WOOD	C	INTACT	WHITE	719	FIRST	KITCHEN	Negative	< LOD	1.76
160	8/26/2011	10:41	PAINT WINDOW CASING	WOOD	C	INTACT	WHITE	719	FIRST	KITCHEN	Negative	< LOD	1.64
161	8/26/2011	10:41	PAINT WINDOW SILL	WOOD	C	INTACT	WHITE	719	FIRST	KITCHEN	Negative	< LOD	2.13
162	8/26/2011	10:42	PAINT CEILING	DRYWALL	C	INTACT	GREEN	719	FIRST	KITCHEN	Negative	< LOD	0.77
163	8/26/2011	10:43	PAINT tread	WOOD	C	INTACT	TAN	719	BASEMENT STAIRWELL	STAIRWELL	Positive	3.4	0.6
164	8/26/2011	10:44	PAINT WALL	DRYWALL	B	INTACT	GREEN	719	BASEMENT STAIRWELL	STAIRWELL	Negative	< LOD	1.68
165	8/26/2011	10:44	PAINT CEILING	DRYWALL	B	INTACT	GREEN	719	BASEMENT STAIRWELL	STAIRWELL	Negative	< LOD	1.64
166	8/26/2011	10:45	PAINT WALL	CONCRETE	B	POOR	WHITE	719	BASEMENT	STAIRWELL	Null	1.2	0.5
167	8/26/2011	10:45	PAINT FLOOR	CONCRETE	B	POOR	RED	719	BASEMENT	STAIRWELL	Negative	< LOD	1.57
168	8/26/2011	10:48	PAINT siding	transite	A	INTACT	GRAY	719	fuller	OUTSIDE	Negative	< LOD	0.87
169	8/26/2011	10:48	PAINT DOOR JAM-TRIM	WOOD	A	INTACT	WHITE	719	fuller	OUTSIDE	Negative	< LOD	1.65
170	8/26/2011	10:49	PAINT WINDOW CASING	WOOD	A	INTACT	WHITE	719	fuller	OUTSIDE	Positive	2.9	0.9
171	8/26/2011	10:50	PAINT DOOR	VINYL	B	INTACT	WHITE	719	fuller	OUTSIDE	Negative	< LOD	1.76
172	8/26/2011	10:50	PAINT DOOR JAM-TRIM	WOOD	B	INTACT	WHITE	719	fuller	OUTSIDE	Negative	< LOD	1.98
173	8/26/2011	10:53	PAINT CALIBRATE SRM RED (PCS)	WOOD				719	fuller		Positive	1	0.3
174	8/26/2011	10:54	PAINT CALIBRATE SRM RED (PCS)	WOOD				719	fuller		Positive	0.9	0.3
175	8/26/2011	10:54	PAINT CALIBRATE SRM RED (PCS)	WOOD				719	fuller		Positive	1	0.3

# Minnesota Department of Health

has authorized

**Angstrom Analytical, Inc.**  
**5001 Cedar Lake Rd S**  
**St Louis Park, Minnesota 55416**

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: LF127

Expires 12/08/2011

This certificate is nontransferable.

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Linda B. Bruemmer, Director  
Division of Environmental Health



*Truda S. Buschner*  
Director, Env. Health Div.



**LEAD  
Risk Assessor**

Licensed by:  
State of Minnesota  
Department of Health

**License No. LR2036  
Expires 09/21/2011**

**Kevin P Hagen  
7038 Upper 36th St N  
Oakdale, MN 55128**

## Neighborhood Energy Connection

### Residential Energy Specification

Customer: City of Saint Paul

Auditor: Steve Youlan

Address: 719 Fuller Avenue

Phone: 651-221-4462 x124

Spec ID#	Spec Title	Specification	Location / Notes
104	Replace Furnace with 95% AFUE Forced Air Furnace	Remove existing furnace, recycle all metal components and dispose of all other materials in a code legal dump. Install a new ENERGY STAR rated, gas-fired, forced air furnace with a minimum AFUE rating of 95% and ECM Motor with 2" rise above floor. Connect to existing duct work and gas line. New furnace to be vented with PVC piping per manufacturer's specifications. New furnace will have minimum limited warranties of 20 years on heat exchangers; 5 years on parts. Include auto set back thermostat controls, vent pipe & new shut-off valve. Rework cold air return if necessary to ensure easy access, good fit & easy replacement of air filter. An exterior return air filter box shall be installed on one side, both sides or bottom of new furnace. Seal all exposed duct joints with duct mastic. Remove all existing cloth duct tape prior to installing mastic.	

304	Replace Water Heater with Power Vented .65 EF	Replace water heater with a power-vented water heater with an EF of .65 or greater. Include pressure & temperature release valve, discharge tube to within 6" of floor and PVC flue to power vent to exterior.	
310	Replace Central Air Conditioning Unit	Install 16 SEER, 13 EER split system central air conditioning unit, following local building code. Using OEM performance information and industry-approved procedures, confirm that the selected equipment satisfies/meets the load requirements at the system design conditions.	None existing.

500	Seal Attic Bypasses	<p>Contractor shall seal all attic bypasses. Bypasses shall be defined as any break in the envelope of a house between a heated living space and an unheated area or exterior. Bypass locations include, but are not limited to, the following areas: chimneys, soil stacks, end walls, dropped ceilings, open plumbing walls, beneath kneewalls and around duct work, electrical work and attic access points. Bypasses shall be sealed in such a manner that the movement of air through the bypass is essentially stopped. "Essentially stopped" means that air leakage will not be detected by an infrared scan when the house is pressurized to 30 Pascals. Materials to be used for sealing bypasses depend on the size and location of the bypass and meet code requirements. These materials include high quality caulks (20-year life span), polyethylene rod stock, foam, sheetrock, sheet metal, extruded polystyrene and densely packed insulation.</p>	Blower door = 2800 cfm.
510	Blow Open Attic to R-50	<p>All bypasses shall be sealed before insulating in such a manner that the movement of air through the bypass is essentially stopped. "Essentially stopped" means that air leakage will not be detected by an infrared scan when the house is pressurized to 30 Pascals. Blow insulation to depth indicated on manufacturer's coverage chart, consistently and evenly to R-50. Insulation in the peak attic must be marked with a ruler to measure depth and a sign with the number of bags used and the date of the installation.</p>	Include peak and ceiling over entrance.

512	Dense Pack Slants to capacity with cellulose	Determine cavities are free of hazards and can support dense packing pressures, locate drilling hazards, control dust when drilling from interior. Blow Slant walls with cellulose to capacity using the Dense Pack Method to a minimum density 3.5 pcf.	Dense pack slants from attic.
532	Build Dam, insulate and weatherstrip attic hatch	Access hatch door to attic shall be insulated to R-40 and insulation dam constructed around opening. Opening shall be weatherstripped to provide a tight seal.	
606	Wall insulation - Exterior Application: Remove Asbestos Siding, Drill, Dense Pack, Plug and Replace Siding	Siding shall be removed before drilling access holes. Determine cavities are free of hazards and can support dense packing pressures, locate drilling hazards, control dust when drilling from interior. Completely fill each cavity to a consistent density. Dense pack cellulose to a minimum density of 3.5 lbs/cubic foot or dense pack spider fiberglass per manufacturer's instructions. Siding must be replaced without damage and nailed back with appropriate galvanized nails.	Loose fill: dense pack from top of wall cavities.
804	Air Seal and Insulate Rim Joist using rigid foam	Seal cracks and holes in rim joist before insulating. Caulk or foam 3 inches of rigid insulation in place.	
1000	Install ENERGY STAR Rated Kitchen Fan	Install an ENERGY STAR rated exhaust fan connected with insulated rigid ductwork into a dampered vent.	

1010	Install ENERGY STAR Rated 2-stage Bathroom Fan	Install an ENERGY STAR rated two-speed bathroom fan .8 sones or less, with a pre-set low-speed of 10-30 CFM and a high-speed boost capability of 70-110 CFM initiated by a wall switch or motion detector. Vent bathroom fan using rigid duct and insulated with fiberglass and vented out with dampered roof vent.	
1200	Replace incandescents with CFLs	Replace incandescent bulbs with ENERGY STAR rated compact fluorescent lights. Install fixtures that meet the lighting needs of the particular area.	
1210	Install ENERGY STAR Rated Washing Machine	Connect new ENERGY STAR rated clothes washer sized appropriately for the household. Use braided steel water supply lines and a smooth rubber drain line connected to a 2 inch drain with trap. Remove existing washer, recycle all metal components and dispose of all other materials in a code legal dump.	
1212	Install ENERGY STAR Rated Dishwasher	Install ENERGY STAR rated dishwasher including all alterations and connections to plumbing and electric system. Remove existing dishwasher, recycle all metal components and dispose of all other materials in a code legal dump.	
1214	Install ENERGY STAR Rated Refrigerator	Install ENERGY STAR rated refrigerator sized appropriately for the household. Remove existing refrigerator, recycle all metal components and dispose of all other materials in a code legal dump.	