



Saint Paul - Ramsey County Public Health

*Zack Hansen, Environmental Health Director*

Environmental Health Section  
2785 White Bear Avenue North, Suite 350  
Maplewood, MN 55109-1320  
P: 651.266.1199 | F: 651.266.1177

## **Lead Hazard Risk Assessment**

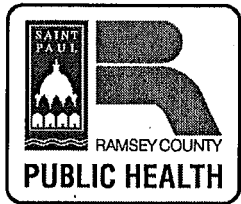
434 Charles Avenue  
**Property**

July 30, 2013  
**Date**

Model Cities CDC  
**Agency**

### **Program Risk Assessors**

*Daniel Schmidt MN#LR3003*  
*Jim Yannarely MN#319*  
*Yia Khang MN#LR538*



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*Zack Hansen, Environmental Health Director*

August 12, 2013

A combination paint inspection and lead risk assessment was conducted at **434 Charles Avenue, Saint Paul, Minnesota 55103** on July 30, 2013. This was at the request of Model Cities CDC. This property will be undergoing renovation. The structure is a single-family residential dwelling constructed in 1885. The property is owned by Model Cities CDC, telephone number 651-332-8822.

Yia Khang and Michael Gilles, Minnesota-Licensed Lead Risk Assessors, conducted the lead risk assessment. Analytical data was obtained using the LPA-1 X-Ray Fluorescence Spectrum Analyzer, (serial # 2786). Lead dust samples were analyzed at Medtox Laboratories, Inc., 402 West County Road D, Saint Paul, MN 55112. Telephone number: (877) 474-5767. Laboratory ID: 181345.

This property is currently vacant. The exterior of the home has asbestos siding and painted trim. No garage is present. Exterior deteriorated lead-based paint was found on the window sills and casings and the front door casings. Interior deteriorated lead-based paint was identified on the following building components: the window sashes in rooms (01, 02, 11 & 12), the window wells in rooms (01, 02, 06, 08, 11, 12, 13 & 14), the window jambs in rooms (01, 02, 06, 08, 11, 12 & 13), the window headers in rooms (05 & 11), the door threshold in room (01), the door jambs in rooms (01, 03 & 12), the walls in rooms (04, 08, 11 & 12), the ceiling in rooms (04, 08 & 11), the stair treads and risers in room (10), and the door casing in room (12). Window replacement, along with cladding of the exterior trim is strongly recommended for this property. Paint stabilization is an adequate control measure for all other cities surfaces.

Lead dust results of the window sill and wells indicated moderate levels of lead. Results of the floors were within state standards.

Lead dust clearance testing involving individual dust wipe samples of window wells, sills and floors will be required after the completion of this project.

Minnesota Statutes 144.9501-9509 require any contractor who abates lead-based paint as regulated lead work to have a Minnesota Lead Abatement License. Each member of the work crew must be a licensed lead worker. Lead abatement license are issued by the Minnesota Department of Health (651-215-0890). It is also required that contractors distribute an educational pamphlet, *Renovate Right*, from the U.S. Environmental Protection Agency to tenants or owners to ensure that parents have the information they need to protect their children from lead-based paint hazards.

Minnesota Rules, Chapters 4671, require that a licensed lead supervisor must notify the Minnesota Department of Health by mail or fax at least five working days before starting any regulated lead work. A property owner who intends to perform lead hazard reduction must notify MDH by mail or fax at least ten working days before starting lead regulated work.

Minnesota rules require that a copy of this report or summary of this report must be provided to new owners or tenants.

For additional information or assistance, please call my office at Saint Paul-Ramsey County Public Health. My phone number is (651) 266-1140.

Sincerely,

A handwritten signature in cursive script, appearing to read "Yia Khang".

Yia Khang  
Certified Lead Risk Assessor



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### *Recommended Work Orders*

Property Address: 434 Charles Avenue

Requesting Agency: Model Cities CDC

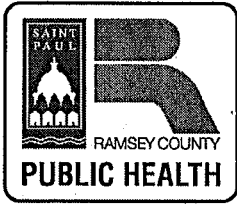
Rehab Advisor: Dale Cooney/Bill Buelow

Rehab Advisor Phone: 651-332-8822

Property Owner: Model Cities CDC  
Phone: 651-332-8822

## ***SEE ATTACHED LIST OF RECOMMENDED SPECIFICATIONS***

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



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### Recommended Lead Hazard Control Measures

Property Address: 434 Charles Avenue, Saint Paul, MN 55103

Room	Component	Control Measure
House - exterior	Window sills and casings	Cladding
House - exterior	Front door casings	Paint stabilization
01, 02, 11 & 12	Window sashes	Replacement
01, 02, 06, 08, 11, 12, 13 & 14	Window wells	Replacement
01, 02, 06, 08, 11, 12 & 13	Window jambs	Replacement
05 & 11	Window headers	Paint stabilization
01	Door threshold	Paint stabilization
01, 03 & 12	Door jambs	Paint stabilization
04, 08, 11 & 12	Walls	Paint stabilization
04, 08 & 11	Ceilings	Paint stabilization
10	Stair treads and risers	Paint stabilization
12	Door casings	Paint stabilization



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## Building Condition Form

Property Address: 434 Charles Ave Date: July 30, 2013

Condition	Yes	No
Roof missing parts of surfaces (tiles, boards, shakes, etc.)		X
Roof has holes or large cracks		X
Gutter or downspouts broken or missing		X
Chimney masonry cracked, bricks loose or missing		X
Exterior walls have obvious large cracks requiring repairs		X
Interior walls have obvious large cracks requiring repairs	X	
Exterior siding has missing boards or components		X
Water stains visible on interior walls or ceilings		X
Plaster walls or ceilings are deteriorated	X	
Two or more windows or doors broken, missing or boarded		X
Porch or steps have major elements broken or missing		X
Foundation has major cracks, or visibly unsound		X
TOTAL NUMBER*	2	10

\*If the "Yes" column has 2 or more checks, the dwelling is considered to be in unacceptable condition. Less than 2 checks means the dwelling appears to be well maintained and in good condition. Only buildings in good condition are eligible for the Lead Hazard Screen.

Additional Notes:

Risk Assessor: Yia Khang

# LEAD PAINT INSPECTION REPORT

REPORT NUMBER: S#02786 - 07/30/13 12:46

INSPECTION FOR: Saint Paul - Ramsey County Health  
2785 White Bear Avenue North  
Maplewood, MN 55109

PERFORMED AT: 434 Charles Avenue  
Saint Paul, MN 55103

INSPECTION DATE: 07/30/13

INSTRUMENT TYPE: R M D  
MODEL LPA-1  
XRF TYPE ANALYZER  
Serial Number: 02786

ACTION LEVEL: 1.0 mg/cm<sup>2</sup>

OPERATOR LICENSE: LR538

SIGNED: \_\_\_\_\_

*Mhanna*

Date: \_\_\_\_\_

8/6/13

**SUMMARY REPORT OF LEAD PAINT INSPECTION FOR: Saint Paul - Ramsey County Health**

Inspection Date: 07/30/13 434 Charles Avenue  
 Report Date: 8/6/2013 Saint Paul, MN 55103  
 Abatement Level: 1.0  
 Report No. S#02786 - 07/30/13 12:46  
 Total Readings: 144 Actionable: 60  
 Job Started: 07/30/13 12:46  
 Job Finished: 07/30/13 13:37

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm <sup>2</sup> )	Mode
<b>Exterior Room 001 House</b>									
137	A	Window	Rgt	Rgt casing	P	N/A	N/A	>9.9	Std
138	A	Window	Rgt	Sill	P	N/A	N/A	1.1	Std
139	A	Door	Lft	Lft casing	P	N/A	N/A	>9.9	Std
135	B	Window	Ctr	Rgt casing	I	N/A	N/A	>9.9	Std
132	C	Soffit			I	N/A	N/A	>9.9	Std
<b>Interior Room 001 Living Room</b>									
007	A	Window	Lft	Sash	P	N/A	N/A	>9.9	QM
004	A	Door	Rgt	Rgt jamb	P	N/A	N/A	>9.9	QM
005	A	D. Threshold	Rgt		P	N/A	N/A	>9.9	QM
010	B	Window	Ctr	Sash	P	N/A	N/A	8.4	QM
009	B	Window	Ctr	Well	P	N/A	N/A	>9.9	QM
008	B	Window	Ctr	Lft jamb	P	N/A	N/A	>9.9	QM
<b>Interior Room 002 Dining Room</b>									
021	B	Window	Lft	Sash	P	N/A	N/A	>9.9	QM
022	B	Window	Lft	Well	P	N/A	N/A	4.8	QM
023	B	Window	Lft	Lft jamb	P	N/A	N/A	1.8	QM
<b>Interior Room 003 Kitchen</b>									
033	A	Door	Lft	Lft jamb	P	N/A	N/A	4.2	QM
<b>Interior Room 004 Pantry</b>									
037	A	Wall	U Lft		P	N/A	N/A	2.6	QM
038	A	Ceiling			P	N/A	N/A	2.9	QM
034	B	Wall	U Ctr		P	N/A	N/A	1.0	QM
035	C	Wall	U Ctr		P	N/A	N/A	3.4	QM
036	D	Wall	U Rgt		P	N/A	N/A	2.6	QM
<b>Interior Room 005 Rear Porch</b>									
046	A	Window	Lft	Header	P	N/A	N/A	>9.9	QM
047	A	Window	Lft	Rgt casing	P	N/A	N/A	>9.9	QM
048	A	Window	Lft	Sill	I	N/A	N/A	3.4	QM
<b>Interior Room 006 Bedroom</b>									
059	D	Window	Ctr	Rgt jamb	P	N/A	N/A	>9.9	QM
057	D	Window	Ctr	Sash	I	N/A	N/A	>9.9	QM
058	D	Window	Ctr	Well	P	N/A	N/A	>9.9	QM
<b>Interior Room 008 Bedroom</b>									



SUMMARY REPORT OF LEAD PAINT INSPECTION FOR: Saint Paul - Ramsey County Health

Reading No.	Wall	Structure	Location	Member	Paint			Lead (mg/cm <sup>2</sup> )	Mode
					Cond	Substrate	Color		
065	B	Wall	U Ctr		P	N/A	N/A	2.8	QM
066	C	Wall	U Ctr		I	N/A	N/A	1.8	QM
068	C	Ceiling			P	N/A	N/A	2.0	QM
067	D	Wall	U Ctr		I	N/A	N/A	2.8	QM
062	D	Window	Ctr	Rgt jamb	P	N/A	N/A	>9.9	QM
063	D	Window	Ctr	Well	P	N/A	N/A	8.8	QM
Interior Room 010 Stairwell									
077	D	Stairs	Ctr	Treads	P	N/A	N/A	2.1	QM
078	D	Stairs	Ctr	Risers	P	N/A	N/A	5.4	QM
Interior Room 011 Other Room									
079	A	Wall	U Ctr		P	N/A	N/A	8.1	QM
087	A	Window	Ctr	Header	P	N/A	N/A	>9.9	QM
088	A	Window	Ctr	Rgt casing	P	N/A	N/A	>9.9	QM
084	A	Window	Ctr	Sash	P	N/A	N/A	>9.9	QM
085	A	Window	Ctr	Well	P	N/A	N/A	>9.9	QM
083	A	Window	Ctr	Sill	P	N/A	N/A	>9.9	QM
086	A	Window	Ctr	Lft jamb	P	N/A	N/A	>9.9	QM
081	C	Wall	U Ctr		P	N/A	N/A	3.8	QM
089	C	Ceiling			P	N/A	N/A	3.4	QM
Interior Room 012 Bedroom									
101	A	Wall	U Ctr		P	N/A	N/A	8.2	Std
102	B	Wall	U Ctr		I	N/A	N/A	>9.9	QM
103	C	Wall	U Ctr		I	N/A	N/A	9.4	QM
112	C	Door	Lft	Rgt jamb	P	N/A	N/A	1.0	Std
111	C	Door	Lft	Rgt casing	P	N/A	N/A	3.2	QM
104	D	Wall	U Lft		I	N/A	N/A	>9.9	QM
105	D	Baseboard	Ctr		I	N/A	N/A	2.7	QM
110	D	Window	Lft	Rgt jamb	P	N/A	N/A	1.9	QM
107	D	Window	Lft	Rgt casing	P	N/A	N/A	2.3	QM
108	D	Window	Lft	Sash	P	N/A	N/A	2.3	QM
109	D	Window	Lft	Well	P	N/A	N/A	2.5	QM
106	D	Window	Lft	Sill	P	N/A	N/A	2.9	QM
Interior Room 013 Other Room									
097	B	Window	Ctr	Well	P	N/A	N/A	1.4	Std
098	B	Window	Ctr	Lft jamb	P	N/A	N/A	2.0	Std
Interior Room 014 Other Room									
122	A	Door	Rgt	Rgt casing	P	N/A	N/A	>9.9	Std
124	A	Door	Rgt	U Ctr	I	N/A	N/A	1.6	Std
121	C	Window	Rgt	Well	P	N/A	N/A	>9.9	Std

Calibration Readings

----- End of Readings -----

**DETAILED REPORT OF LEAD PAINT INSPECTION FOR: Saint Paul - Ramsey County Health**

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 Report Date: 8/6/2013 Saint Paul, MN 55103  
 Abatement Level: 1.0  
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<b>Exterior Room 001 House</b>									
137	A	Window	Rgt	Rgt casing	P	N/A	N/A	>9.9	Std
138	A	Window	Rgt	Sill	P	N/A	N/A	1.1	Std
139	A	Door	Lft	Lft casing	P	N/A	N/A	>9.9	Std
133	B	Wall	U Ctr		I	N/A	N/A	-0.3	Std
134	B	Soffit			P	N/A	N/A	0.5	Std
135	B	Window	Ctr	Rgt casing	I	N/A	N/A	>9.9	Std
136	B	Window	Ctr	Sill	P	N/A	N/A	0.2	Std
131	C	Wall	U Ctr		P	N/A	N/A	-0.2	Std
132	C	Soffit			I	N/A	N/A	>9.9	Std
130	C	Window	Ctr	Sill	P	N/A	N/A	0.0	Std
128	C	Fence	Ctr		P	N/A	N/A	-0.1	Std
129	C	Floor	Ctr		P	N/A	N/A	-0.1	Std
<b>Interior Room 001 Living Room</b>									
012	A	Wall	U Ctr		I	N/A	N/A	-0.1	QM
007	A	Window	Lft	Sash	P	N/A	N/A	>9.9	QM
004	A	Door	Rgt	Rgt jamb	P	N/A	N/A	>9.9	QM
006	A	Door	Rgt	U Ctr	I	N/A	N/A	-0.1	QM
005	A	D. Threshold	Rgt		P	N/A	N/A	>9.9	QM
013	B	Wall	U Ctr		I	N/A	N/A	-0.3	QM
010	B	Window	Ctr	Sash	P	N/A	N/A	8.4	QM
009	B	Window	Ctr	Well	P	N/A	N/A	>9.9	QM
008	B	Window	Ctr	Lft jamb	P	N/A	N/A	>9.9	QM
011	B	Radiator	Ctr		I	N/A	N/A	-0.1	QM
014	C	Wall	U Ctr		I	N/A	N/A	-0.2	QM
015	D	Wall	U Lft		I	N/A	N/A	-0.3	QM
<b>Interior Room 002 Dining Room</b>									
016	A	Wall	U Rgt		I	N/A	N/A	-0.1	QM
017	B	Wall	U Lft		I	N/A	N/A	-0.3	QM
021	B	Window	Lft	Sash	P	N/A	N/A	>9.9	QM
022	B	Window	Lft	Well	P	N/A	N/A	4.8	QM
020	B	Window	Lft	Sill	I	N/A	N/A	-0.1	QM
023	B	Window	Lft	Lft jamb	P	N/A	N/A	1.8	QM
024	B	Radiator	Rgt		I	N/A	N/A	0.3	QM
018	C	Wall	U Rgt		I	N/A	N/A	-0.2	QM
019	D	Wall	U Lft		I	N/A	N/A	-0.3	QM
<b>Interior Room 003 Kitchen</b>									
025	A	Wall	U Ctr		I	N/A	N/A	0.1	QM
039	A	Ceiling			P	N/A	N/A	0.1	QM

DETAILED REPORT OF LEAD PAINT INSPECTION FOR: Saint Paul - Ramsey County Health

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm <sup>2</sup> )	Mode
033	A	Door	Lft	Lft jamb	P	N/A	N/A	4.2	QM
026	B	Wall	U Ctr		I	N/A	N/A	-0.2	QM
030	B	Window	Rgt	Sash	I	N/A	N/A	0.0	QM
031	B	Window	Rgt	Well	I	N/A	N/A	0.0	QM
029	B	Window	Rgt	Lft casing	I	N/A	N/A	-0.1	QM
032	B	Radiator	Ctr		I	N/A	N/A	-0.1	QM
027	C	Wall	U Ctr		I	N/A	N/A	-0.1	QM
028	D	Wall	U Ctr		I	N/A	N/A	-0.1	QM
Interior Room 004 Pantry									
037	A	Wall	U Lft		P	N/A	N/A	2.6	QM
038	A	Ceiling			P	N/A	N/A	2.9	QM
034	B	Wall	U Ctr		P	N/A	N/A	1.0	QM
035	C	Wall	U Ctr		P	N/A	N/A	3.4	QM
036	D	Wall	U Rgt		P	N/A	N/A	2.6	QM
Interior Room 005 Rear Porch									
041	A	Wall	U Ctr		I	N/A	N/A	-0.5	QM
040	A	Floor			P	N/A	N/A	-0.1	QM
045	A	Ceiling			I	N/A	N/A	0.1	QM
046	A	Window	Lft	Header	P	N/A	N/A	>9.9	QM
047	A	Window	Lft	Rgt casing	P	N/A	N/A	>9.9	QM
048	A	Window	Lft	Sill	I	N/A	N/A	3.4	QM
042	B	Wall	U Ctr		I	N/A	N/A	-0.4	QM
043	C	Wall	U Ctr		I	N/A	N/A	-0.2	QM
049	C	Window	Rgt	Sill	I	N/A	N/A	-0.2	QM
051	C	Door	Lft	Lft jamb	P	N/A	N/A	-0.1	QM
050	C	D. Threshold	Lft		P	N/A	N/A	-0.1	QM
044	D	Wall	U Ctr		I	N/A	N/A	-0.1	QM
Interior Room 006 Bedroom									
052	A	Wall	U Rgt		I	N/A	N/A	-0.1	QM
053	B	Wall	U Ctr		I	N/A	N/A	-0.1	QM
054	C	Wall	U Ctr		I	N/A	N/A	-0.2	QM
055	D	Wall	U Ctr		I	N/A	N/A	-0.1	QM
059	D	Window	Ctr	Rgt jamb	P	N/A	N/A	>9.9	QM
057	D	Window	Ctr	Sash	I	N/A	N/A	>9.9	QM
058	D	Window	Ctr	Well	P	N/A	N/A	>9.9	QM
056	D	Window	Ctr	Sill	I	N/A	N/A	-0.1	QM
Interior Room 008 Bedroom									
064	A	Wall	U Ctr		I	N/A	N/A	-0.2	QM
065	B	Wall	U Ctr		P	N/A	N/A	2.8	QM
066	C	Wall	U Ctr		I	N/A	N/A	1.8	QM
068	C	Ceiling			P	N/A	N/A	2.0	QM
067	D	Wall	U Ctr		I	N/A	N/A	2.8	QM
061	D	Window	Ctr	Rgt jamb	P	N/A	N/A	-0.1	QM
062	D	Window	Ctr	Rgt jamb	P	N/A	N/A	>9.9	QM
060	D	Window	Ctr	Sash	P	N/A	N/A	0.6	QM

DETAILED REPORT OF LEAD PAINT INSPECTION FOR: Saint Paul - Ramsey County Health

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm <sup>2</sup> )	Mode
063	D	Window	Ctr	Well	P	N/A	N/A	8.8	QM
Interior Room 009 Bathroom									
069	A	Wall	U Ctr		I	N/A	N/A	-0.3	QM
070	B	Wall	U Lft		I	N/A	N/A	-0.2	QM
071	C	Wall	U Ctr		I	N/A	N/A	-0.1	QM
072	D	Wall	U Ctr		I	N/A	N/A	0.1	QM
Interior Room 010 Stairwell									
073	A	Wall	U Ctr		I	N/A	N/A	-0.1	QM
074	C	Wall	U Lft		I	N/A	N/A	0.0	QM
076	C	Door	Rgt	Rgt jamb	I	N/A	N/A	0.5	QM
075	D	Wall	U Ctr		P	N/A	N/A	-0.1	QM
077	D	Stairs	Ctr	Treads	P	N/A	N/A	2.1	QM
078	D	Stairs	Ctr	Risers	P	N/A	N/A	5.4	QM
Interior Room 011 Other Room									
079	A	Wall	U Ctr		P	N/A	N/A	8.1	QM
087	A	Window	Ctr	Header	P	N/A	N/A	>9.9	QM
088	A	Window	Ctr	Rgt casing	P	N/A	N/A	>9.9	QM
084	A	Window	Ctr	Sash	P	N/A	N/A	>9.9	QM
085	A	Window	Ctr	Well	P	N/A	N/A	>9.9	QM
083	A	Window	Ctr	Sill	P	N/A	N/A	>9.9	QM
086	A	Window	Ctr	Lft jamb	P	N/A	N/A	>9.9	QM
080	B	Wall	U Ctr		P	N/A	N/A	-0.1	QM
081	C	Wall	U Ctr		P	N/A	N/A	3.8	QM
089	C	Ceiling			P	N/A	N/A	3.4	QM
082	D	Wall	U Ctr		P	N/A	N/A	-0.2	QM
Interior Room 012 Bedroom									
101	A	Wall	U Ctr		P	N/A	N/A	8.2	Std
102	B	Wall	U Ctr		I	N/A	N/A	>9.9	QM
103	C	Wall	U Ctr		I	N/A	N/A	9.4	QM
112	C	Door	Lft	Rgt jamb	P	N/A	N/A	1.0	Std
111	C	Door	Lft	Rgt casing	P	N/A	N/A	3.2	QM
104	D	Wall	U Lft		I	N/A	N/A	>9.9	QM
105	D	Baseboard	Ctr		I	N/A	N/A	2.7	QM
110	D	Window	Lft	Rgt jamb	P	N/A	N/A	1.9	QM
107	D	Window	Lft	Rgt casing	P	N/A	N/A	2.3	QM
108	D	Window	Lft	Sash	P	N/A	N/A	2.3	QM
109	D	Window	Lft	Well	P	N/A	N/A	2.5	QM
106	D	Window	Lft	Sill	P	N/A	N/A	2.9	QM
Interior Room 013 Other Room									
091	A	Wall	U Ctr		I	N/A	N/A	0.3	QM
090	A	Ceiling			P	N/A	N/A	0.1	QM
092	B	Wall	U Rgt		I	N/A	N/A	0.6	QM
096	B	Window	Ctr	Rgt casing	I	N/A	N/A	0.4	Std
097	B	Window	Ctr	Well	P	N/A	N/A	1.4	Std

DETAILED REPORT OF LEAD PAINT INSPECTION FOR: Saint Paul - Ramsey County Health

Reading No.	Wall	Structure	Location	Member	Paint		Color	Lead (mg/cm <sup>2</sup> )	Mode
					Cond	Substrate			
095	B	Window	Ctr	Sill	P	N/A	N/A	0.5	QM
098	B	Window	Ctr	Lft jamb	P	N/A	N/A	2.0	Std
093	C	Wall	U Ctr		I	N/A	N/A	-0.2	QM
094	D	Wall	U Ctr		I	N/A	N/A	0.5	QM
099	D	Door	Ctr	Lft casing	P	N/A	N/A	0.5	Std
100	D	Door	Ctr	Lft jamb	P	N/A	N/A	0.5	Std
Interior Room 014 Other Room									
113	A	Wall	U Ctr		I	N/A	N/A	0.1	Std
122	A	Door	Rgt	Rgt casing	P	N/A	N/A	>9.9	Std
123	A	Door	Rgt	Rgt casing	P	N/A	N/A	0.6	Std
124	A	Door	Rgt	U Ctr	I	N/A	N/A	1.6	Std
114	B	Wall	U Ctr		I	N/A	N/A	0.0	Std
115	C	Wall	U Rgt		I	N/A	N/A	0.0	Std
119	C	Window	Rgt	Header	P	N/A	N/A	0.0	Std
120	C	Window	Rgt	Sash	P	N/A	N/A	-0.1	Std
121	C	Window	Rgt	Well	P	N/A	N/A	>9.9	Std
118	C	Window	Rgt	Sill	P	N/A	N/A	0.2	Std
116	D	Wall	U Ctr		I	N/A	N/A	0.1	Std
117	D	Baseboard	Lft		P	N/A	N/A	0.2	Std
Interior Room 015 Hallway									
127	C	Baseboard	Ctr		I	N/A	N/A	0.3	Std
126	D	Wall	U Ctr		I	N/A	N/A	0.1	Std
125	D	Ceiling			P	N/A	N/A	0.7	Std
Interior Room 016 Basement									
140	C	Wall	U Rgt		I	N/A	N/A	-0.1	Std
141	D	Wall	U Ctr		P	N/A	N/A	-0.1	Std
Calibration Readings									
001								0.7	Std
002								0.8	Std
003								1.0	Std
142								1.0	Std
143								0.9	Std
144								0.8	Std

----- End of Readings -----

# Saint Paul - Ramsey County Public Health

## Floor Sketch

Property Address	Agency Name	Drawn By	Date
434 Charles Ave.	Model Cities CDC	Khang	7/30/13
Codes			
B = Bath BA = Basement BR = Bedroom	DR = Dining Room E = Entry    C = Closet H = Hall    F = Foyer	K = Kitchen LR = Living Room O = Other Room	PA = Pantry P = Porch S = Stairs

	Floor Number	
	1	Locations
	01	LR
	02	DR
	03	K
	04	PA
	05	P
	06	BR
	07	S
	08	BR
	09	B
	10	S
	11	
	12	
	13	
	14	
	15	
	16	

# Saint Paul - Ramsey County Public Health

## Floor Sketch

Property Address	Agency Name	Drawn By	Date
434 CHARLES AVE	MODEL CITIES CDE	Khang	7/30/
Codes			
B = Bath BA = Basement BR = Bedroom	DR = Dining Room E = Entry    C = Closet H = Hall     F = Foyer	K = Kitchen LR = Living Room O = Other Room	PA = Pantry P = Porch S = Stairs

	Floor Number	2
	Locations	
	01	
	02	
	03	
	04	
	05	
	06	
	07	
	08	
	09	
	10	S
	11	O
	12	BR
	13	O
	14	BR
	15	H
16		



Saint Paul - Ramsey County Public Health

Zack Hansen, Environmental Health Director

Environmental Health Section  
 2785 White Bear Avenue North, Suite 350  
 Maplewood, MN 55109-1320  
 P: 651.266.1199 | F: 651.266.1177

## Initial Dust Sample Collection and Report

Property Address	Agency Name
434 Charles Ave	Model Cities

MEDTOX Requisition No.: M2943755

Program: LHC

Room Location	Sample Number	Surface Type	Sample Area	Lead $\mu\text{g}/\text{sample}$	Lead $\mu\text{g}/\text{sq. foot}$	
Kitchen	1	Floor	12x12	29.1	29.1	
Living Room	2	Floor	12x12	23.0	23	
Family Room	3	Well	12x3.75	2330	7520	*
Living Room	4	Sill	12x3.5	276	952	*
Bedroom 1	5	Sill	12x3.5	30.7	106	
Bedroom 2	6	Well	12x4.5	903	2380	*
Bathroom B	7	Floor	12x12	<2.0	<2	

Collected	Inspector	Received by MEDTOX	Reported by MEDTOX
7/30/2013	Gilles	7/30/2013	8/1/2013





402 West County Road D  
Saint Paul, MN 55112  
877-474-5767

Jennifer A. Collins, Ph. D.  
Karia Walker, Pharm. D.  
Mark G. Catlin, M. D.

ST PAUL-RAMSEY CO PUB HLTH LAB 555 CEDAR STREET 2ND FLOOR LAB ROOM 213/215 ST PAUL, MN 55101  Account #: 1696115 Ordered By: M GILLES  Requisition #: M2943755 Accession #: F5509598	<b>Patient Test Order Information</b>	
	Name: ID,434 CHARLES AVE	
	Patient ID:	
	Patient Phone:	
	DOB:	Age:
	Sex:	
	Collected: 07/30/2013	
	Received: 07/30/2013	7:28 PM
	Reported: 08/01/2013	3:46 PM
	Report Status: FINAL	

Certified by: MCALEESE,CHANG Certifying Scientist

Test	Result	Flag	Units	Reference Range
<b>LEAD WIPE PROFILE 7</b>				
<b>LEAD WIPE SAMPLE 1</b>				
COLLECTION LOCATION	KITCHEN			
SURFACE TYPE	FLOOR			
AREA	1.00		sq ft	
LEAD	29.1		ug/sample	
LEAD, ug/sq ft	29.1		ug/sq ft	
<b>LEAD WIPE SAMPLE 2</b>				
COLLECTION LOCATION	LR			
SURFACE TYPE	FLOOR			
AREA	1.00		sq ft	
LEAD	23.0		ug/sample	
LEAD, ug/sq ft	23		ug/sq ft	
<b>LEAD WIPE SAMPLE 3</b>				
COLLECTION LOCATION	FR			
SURFACE TYPE	WINDOW WELL			
AREA	0.31		sq ft	
LEAD	2330		ug/sample	
LEAD, ug/sq ft	7520		ug/sq ft	
<b>LEAD WIPE SAMPLE 4</b>				
COLLECTION LOCATION	LR			
SURFACE TYPE	WINDOW SILL			
AREA	0.29		sq ft	
LEAD	276		ug/sample	
LEAD, ug/sq ft	952		ug/sq ft	
<b>LEAD WIPE SAMPLE 5</b>				
COLLECTION LOCATION	1 BEDROOM			
SURFACE TYPE	WINDOW SILL			
AREA	0.29		sq ft	
LEAD	30.7		ug/sample	
LEAD, ug/sq ft	106		ug/sq ft	
<b>LEAD WIPE SAMPLE 6</b>				
COLLECTION LOCATION	2 BEDROOM			
SURFACE TYPE	WINDOW WELL			
AREA	0.38		sq ft	



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Name: ID,434 CHARLES AVE	Collected: 07/30/2013	
Requisition #: M2943755	Received: 07/30/2013	7:28 PM
Accession #: F5509598	Reported: 08/01/2013	3:46 PM

Test	Result	Flag	Units	Reference Range
LEAD	903		ug/sample	
LEAD, ug/sq ft	2380		ug/sq ft	
<b>LEAD WIPE SAMPLE 7</b>				
COLLECTION LOCATION	BATHROOM B			
SURFACE TYPE	FLOOR			
AREA	1.00		sq ft	
LEAD	<2.0		ug/sample	
LEAD, ug/sq ft	<2		ug/sq ft	
<b>SAMPLE CONDITION</b>				
SAMPLE CONDITION	SATISFACTORY			

The federal clearance guidelines for lead in dust by wipe sampling:

Floors: 40 ug/sq ft  
 Interior window sills: 250 ug/sq ft  
 Window wells: 400 ug/sq ft

Analysis performed by inductively-coupled plasma/mass Spectrometry (ICP/MS); C-METALS-SOP-047.  
 The reporting limit is 2.0 ug/sample.  
 Reported results are not corrected for field blanks.  
 These results relate only to the items tested.  
 Dust wipe area and results are calculated based on area measurements determined by the client.  
 All quality control samples were within acceptable range unless otherwise noted.