



CERTIFICATE OF APPROPRIATENESS APPLICATION FORM

Incomplete applications will not be processed for Commission review.

Please print legibly.

1. HISTORIC NAME OF PROPERTY OR HISTORIC DISTRICT: (if known)

CAMP SPRING PARK

ADDRESS OF PROPERTY:

3216-18 W. MCKINLEY BLVD.

2. NAME AND ADDRESS OF OWNER:

Name(s): STRONG BLOCKS MILWAUKEE, LLC

Address: 710 N. PLANKINTON AVE, STE 710

City: MILWAUKEE State: WI ZIP: 53203

Email: carl@strongblocks.com

Telephone number (area code & number) Daytime: 414-364-0920 Evening: SAME

3. APPLICANT (AGENT OR CONTRACTOR: (if different from owner))

Name(s): CARL QUINDEL

Address: SAME

City: _____ State: _____ ZIP Code: _____

Email: _____

Telephone number (area code & number) Daytime: _____ Evening: _____

4. ATTACHMENTS: (Because projects can vary in size and scope, please call the HPC Office at 414-286-5712 for submittal requirements)

A. REQUIRED FOR MAJOR PROJECTS:

____ Photographs of affected areas & all sides of the building (annotated photos recommended)

____ Sketches and Elevation Drawings (1 full size and 1 reduced to 11" x 17" or 8 1/2" x 11")
A digital copy of the photos and drawings is also requested.

____ Material and Design Specifications (see next page)

B. NEW CONSTRUCTION ALSO REQUIRES:

____ Floor Plans (1 full size and 1 reduced to a maximum of 11" x 17")

____ Site Plan showing location of project and adjoining structures and fences

SEE
MHD
PRIMARY
PREVENTION
DOLS
(ATTACHED)

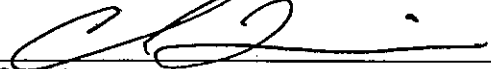
**PLEASE NOTE: YOUR APPLICATION CANNOT BE PROCESSED UNLESS
BOTH PAGES OF THIS FORM ARE PROPERLY COMPLETED
AND SIGNED.**

5. DESCRIPTION OF PROJECT:

Tell us what you want to do. Describe all proposed work including materials, design, and dimensions. Additional pages may be attached.

35 windows restored including repairs to existing windows and installation of jamb liners for improved energy efficiency. Existing weight and pulley system will be discontinued for the jamb liner system, but the windows will be restored and painted. See attached email for specifications and details from Milwaukee Health Department's primary prevention program.

6. SIGNATURE OF APPLICANT:


Signature

CARL QUINDEL
Please print or type name

1/14/16
Date

This form and all supporting documentation **MUST** arrive by 12:00 noon on the deadline date established to be considered at the next Historic Preservation Commission Meeting. Any information not provided to staff in advance of the meeting will not be considered by the Commission during their deliberation. Please call if you have any questions and staff will assist you.

Hand Deliver or Mail Form to:
Historic Preservation Commission
City Clerk's Office
200 E. Wells St. Room B-4
Milwaukee, WI 53202

PHONE: (414) 286-5722

FAX: (414) 286-3004

www.milwaukee.gov/hpc

Or click the SUBMIT button to automatically email this form for submission.

SUBMIT

Owner's Scope of Work (H-73)

Inspection Date: 12/22/15

Location/Room	Location	Inspector ADD-ONS:
Kitchen	N E S W	Baseboard, Walls, Door, Door trim, Window trim, Repair holes, floors, ceiling, All
Pantry	N E S W	Baseboard, Walls, Door, Door trim, Window trim, Repair holes, floors, ceiling, cabinets, All
Front Bedroom 3218	N E S W	Baseboard, Walls, Door, Door trim, Window trim, Repair holes, floors, ceiling, closet walls, closet ceiling, All
Middle Bedroom 3218	N E S W	Baseboard, Walls, Door, Door trim, Window trim, Repair holes, floors, ceiling, closet walls, closet ceiling, All
Living Room	N E S W	Baseboard, Walls, Door, Door trim, Window trim, Repair holes, floors, ceiling, All
Dining Room	N E S W	Baseboard, Walls, Door, Door trim, Window trim, Repair holes, floors, ceiling, All
Stairwell/Entry	N E S W	Baseboard, Walls, Door, Door trim, Window trim, Repair holes, floors, ceiling, All
Bathroom	N E S W	Baseboard, Walls, Door, Door trim, Window trim, Repair holes, floors, ceiling, cabinets, All
Other:	N E S W	Baseboard, Walls, Door, Door trim, Window trim, Repair holes, floors, ceiling, cabinets, All
Porch	N E S W	Deck, Skirt, Steps, Handrail, Guardrail, Columns, Fascia, Soffit, Ceiling, Door, Supports, Window, Replace, All
Porch	N E S W	Deck, Skirt, Steps, Handrail, Guardrail, Columns, Fascia, Soffit, Ceiling, Door, Supports, Window, Replace, All
Trim	N E S W	Window, Door, Awnings, Frieze Board, Fascia, Soffit, Basement windows, Replace, All
Walls	N E S W	Foundation, Siding, Door, Dormer, Gutters, Downspouts, Bare soil, Repair siding, Replace, All
Garage	N E S W	Walls, Overhead Door, Service Door, Windows, Fascia, Soffit, Replace wood, All

Owner chooses one box below:



Inside repairs are less than 6 sq. ft. and outside are less than 20 sq. ft. I will make repairs within 30 days.



I will go to the next available FREE 8-hour course on lead safety and make the repairs myself within 30 days after class.



I will hire a lead safe renovator or a lead abatement contractor to complete the work within 30 days.



I am a lead safe renovator who will complete the work within 30 days.

*storm windows on all windows *
upper pantry needs a storm

Inspector will check below if applicable:



This inspection is on or after October 15, allowing the exterior work to be completed by May 31, next year.

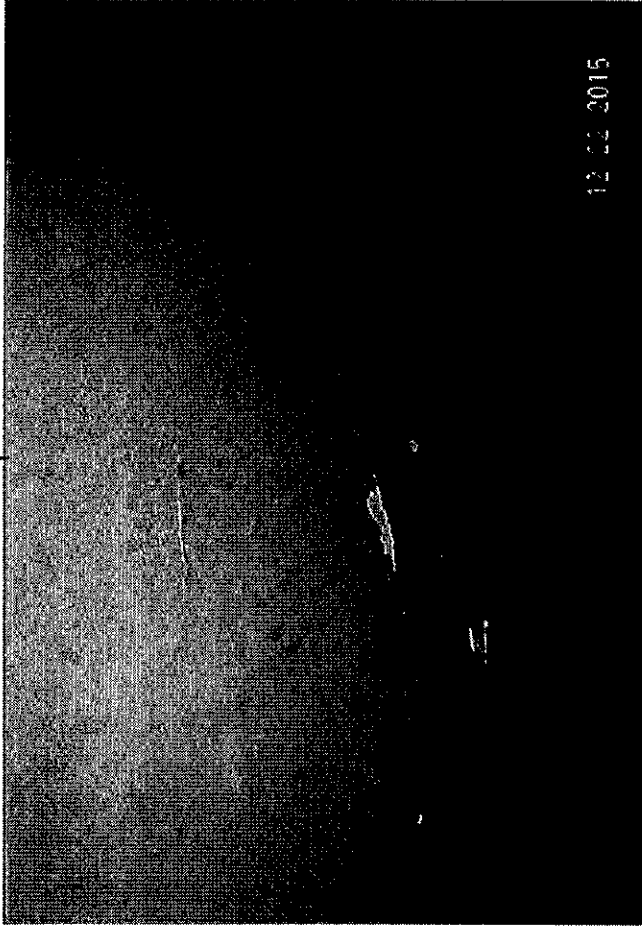
I, _____, understand the my ability to make the above repairs safely will be enhanced by attending The Renovate, Repair and Paint Class offered by SA Herbst at no cost to myself—a \$225 value. The City of Milwaukee Health Department will pay for the class to assure I am able to maintain my building(s). I will register for the class by going to: <https://saherbst.com/courses/lead/>

Property Address: 3216-3218 W. McKinley Blvd

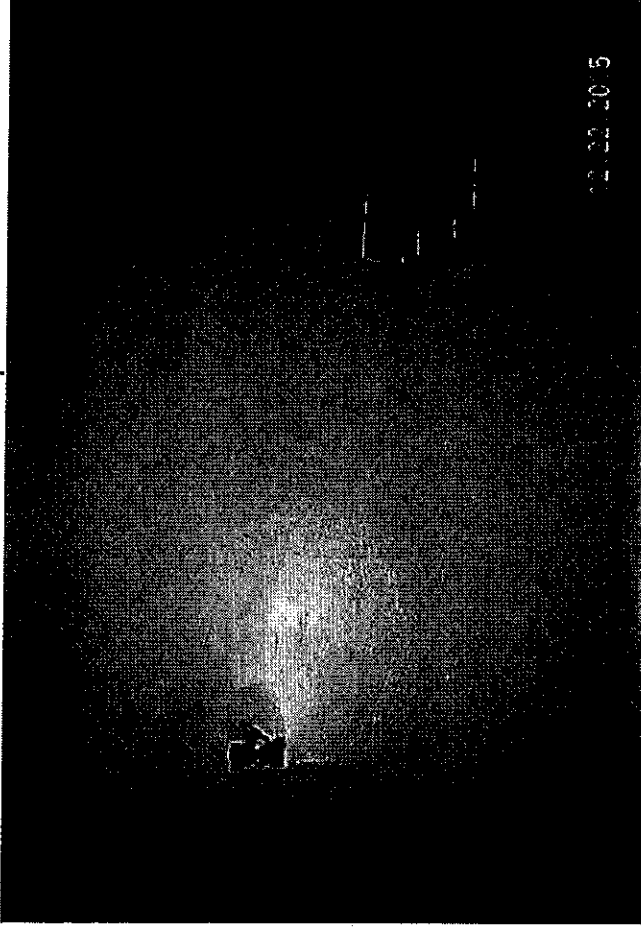
Inspector: jms

owners scope

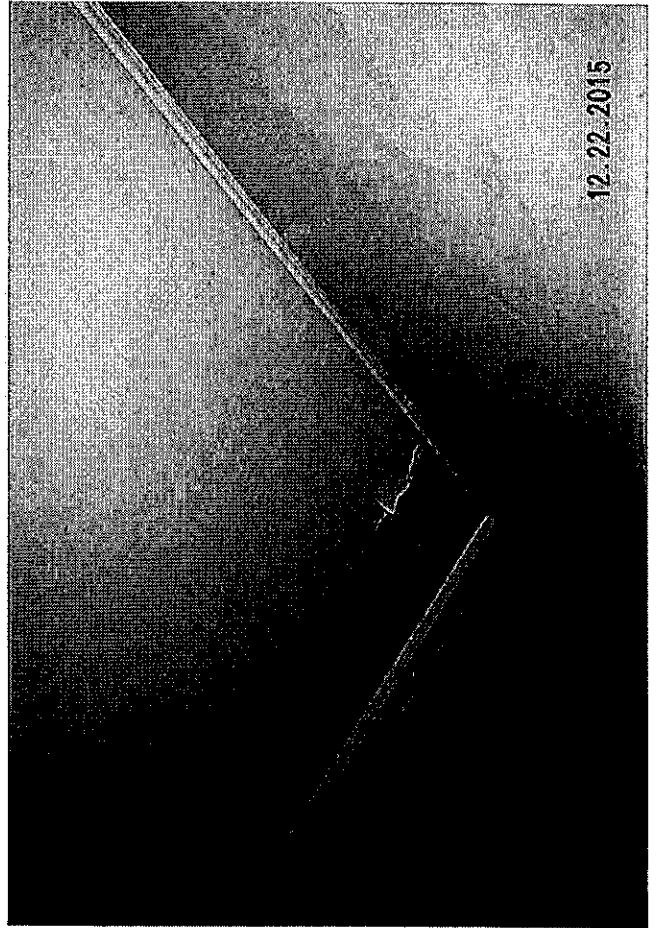
Front Hallway



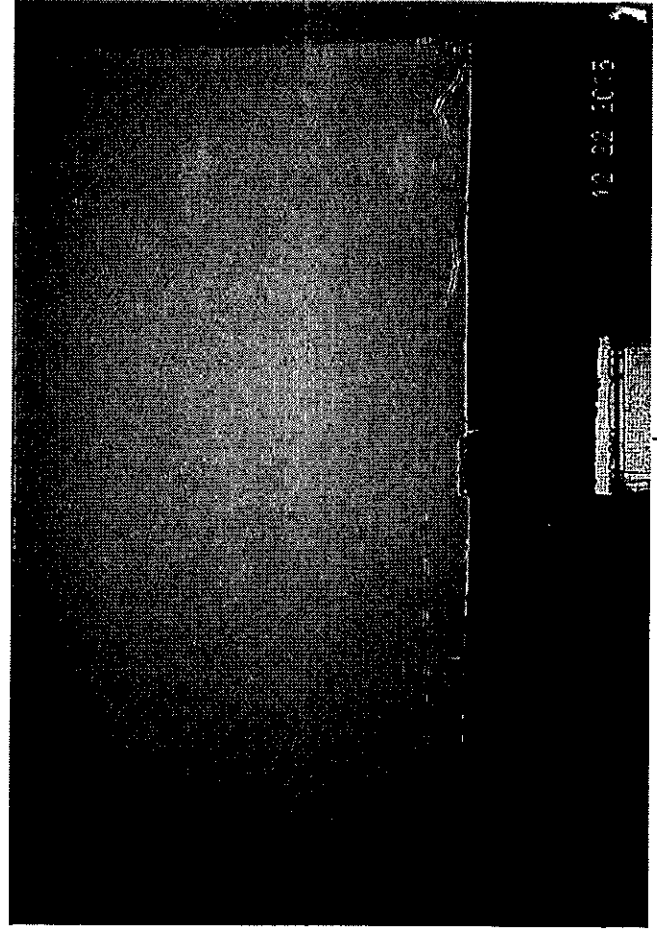
Front hallway



Front bedroom



Front hallway



Floor Plan / Property Sketch

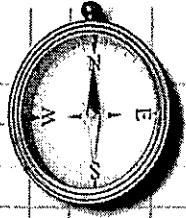
Address: 3216 W McKinley Blvd Unit :

Assessor : JMS

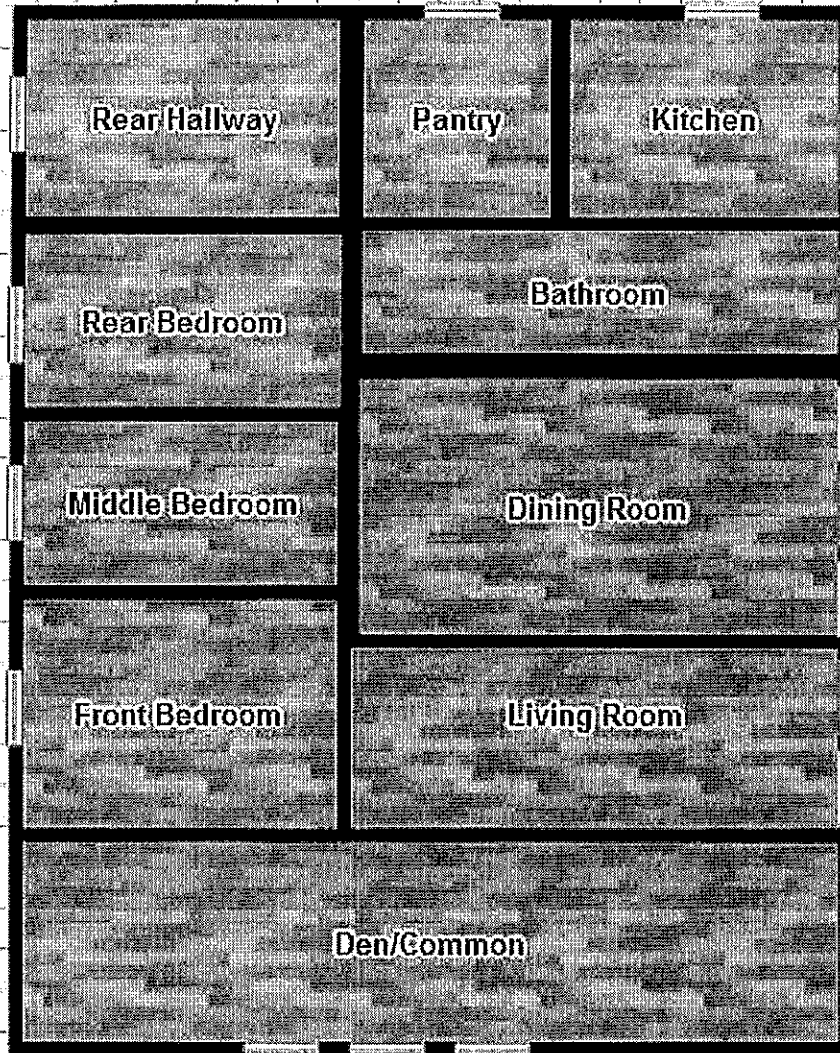
Date : 12/22/15

(Count) Replacement Restoration 15 Casement Glass Block No-Lead Sills Trough

C



***ALL WINDOWS MUST BE RESTORED PER
HISTORIC PRESERVATION***



A

Side "A" = Front Street Side. (R = Replacement) (T = Treatment) (GB = Glass Block) (C = Casement) (NL=No-Lead)
Use back side for additional levels and additional sheets as needed.
Be sure to label rooms, indicate windows and show bare soil areas.

Revision 9/2011

Floor Plan / Property Sketch

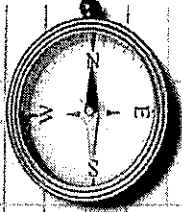
Address: 3218 W McKinley Blvd Unit :

Assessor : JMS

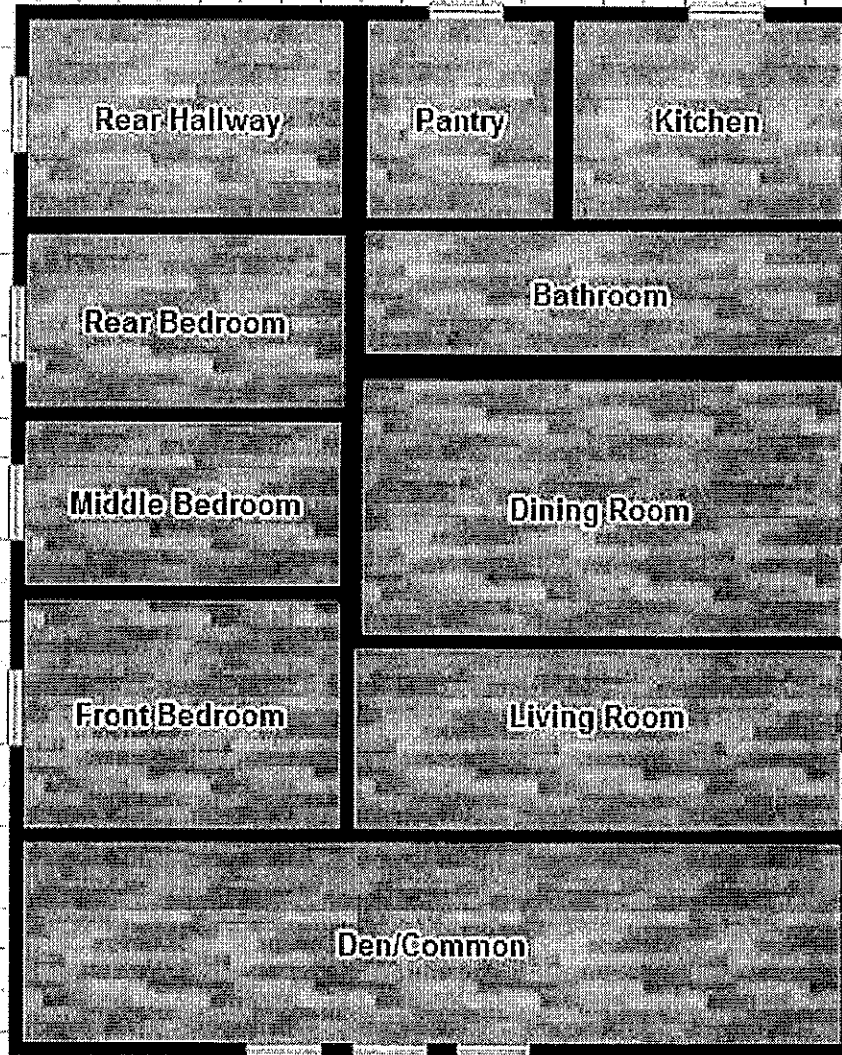
Date : 12/22/15

(Count) Replacement Restoration 18 Casement Glass Block No-Lead Sills Trough

C



***ALL WINDOWS MUST BE RESTORED PER
HISTORIC PRESERVATION***



Broken Glass Pane

A

Side "A" = Front Street Side. (R = Replacement) (T = Treatment) (GB = Glass Block) (C = Casement) (NL=No-Lead)
 Use back side for additional levels and additional sheets as needed.
 Be sure to label rooms, indicate windows and show bare soil areas.

Revision 9/2011

MILWAUKEE HEALTH DEPARTMENT
PRIMARY PREVENTION
SCOPE OF WORK

INSPECTION

DATE: 12/22/15

INSPECTOR: jmo

ADDRESS: 3216 W. McKinley Blvd

UNIT: _____

STABILIZE WINDOW, WRAP WELL & STABILIZE & PAINT INTERIOR SILL

location: _____

EA.

RESTORATION *PER HISTORIC PRESERVATION*

location: All double hung windows except bathroom

15

EA. ²²⁰_{ea}

REPLACE SASH

lower: _____

upper: _____

full pair: _____ (total)

EA.

REPLACE BROKEN WINDOW PANE

location: _____

EA.

STRIP AND PAINT INTERIOR SILL

location: _____

EA.

VINYL REPLACEMENT WINDOWS

EA.

Environmental Review Date 12/17/2015

CUSTOM NOTES: owner to pay for sash

- ☐ Emergency Abatement ☐ EBL Orders 100% ☐ EBL Orders 50% ☐ EBL 2nd Unit
☐ Exempt Permit Fee ☐ NIDC ☒ Primary Prevention 100% ☐ Primary Prevention 50%

Manager's Signature [Signature]

MHD Amount \$ 3,300

PROPERTY OWNER: Strong Blocks Milwaukee LLC
Carl Quindel

PHONE: 414-236-4113

TENANT: Tamika M. Talley-Anthony

PHONE: 414-732-4985

MILWAUKEE HEALTH DEPARTMENT
PRIMARY PREVENTION
SCOPE OF WORK

INSPECTION

DATE: 12/22/15

INSPECTOR: jno

ADDRESS: 3218 W. McKinley Blvd.

UNIT: _____

STABILIZE WINDOW, WRAP WELL & STABILIZE & PAINT INTERIOR SILL

location: _____ EA.

RESTORATION *PER HISTORIC PRESERVATION*

location: All double hung windows

18 EA. 0.220 ea

REPLACE SASH

lower: _____

upper: _____

full pair: _____ (total)

_____ EA.

REPLACE BROKEN WINDOW PANE

location: Den/Common Area

2 EA. \$50 ea

STRIP AND PAINT INTERIOR SILL

location: _____

_____ EA.

VINYL REPLACEMENT WINDOWS

_____ EA.

Environmental Review Date 12/17/2015

CUSTOM NOTES: owner to pay for sash

3960

100

- ☐ Emergency Abatement ☐ EBL Orders 100% ☐ EBL Orders 50% ☐ EBL 2nd Unit
☐ Exempt Permit Fee ☐ NIDC ☐ Primary Prevention 100% ☐ Primary Prevention 50%

Manager's Signature [Signature]

MHD Amount \$ 4060

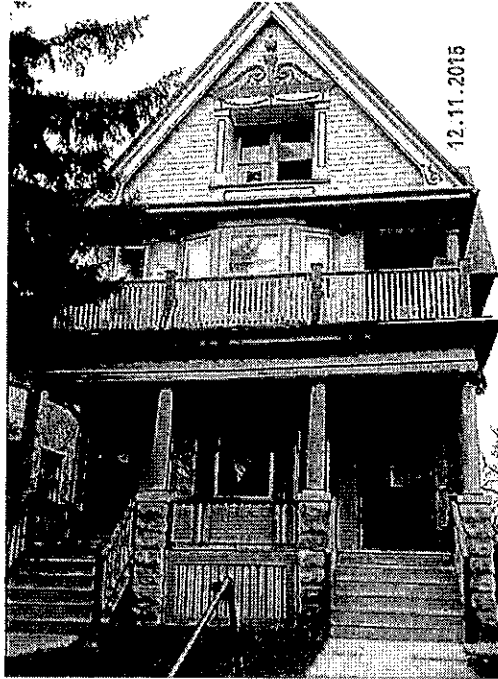
PROPERTY OWNER: Strong Blocks Milwaukee LLC
Carl Windel

PHONE: 414-236-4113

TENANT: Anthony Wade

PHONE: 608-739-7607

Lead – Based Paint
Risk Assessment Report



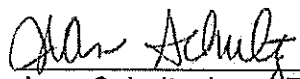
This inspection was conducted using a NITON XLP 303a XRF analyzer that measures lead concentrations in paint. A Performance Characteristic Sheet to assure accuracy and validity of the analyzer is provided in Appendix K.

Prepared For: Strong Blocks Milwaukee LLC/Carl Quindel
710 N Plankinton Ave #710
Milwaukee, WI 53203
414-236-4113

Prepared On: 12/22/2015

Property At: 3216 W McKinley Blvd and 3218 W McKinley Blvd,
Milwaukee, WI 53208
Year Built: 1906

Prepared By: City of Milwaukee – Health Department
Childhood Lead Poisoning Prevention Program
Lead Certification Number: 20210



Date: 1/6/2016

Jean Schultz, Lead Risk Assessor II
WI Certified Lead Assessor License Number LRA – 215661

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1.0 General Information

Introduction

This report presents the results of lead-based paint risk assessment of the property located at 3216 W McKinley Blvd and 3218 W McKinley Blvd, Milwaukee, WI 53208. This Lead Inspection/Risk Assessment was conducted according to Wisconsin Administrative Code HFS 163, presence of lead-based paint. The sampling methodologies used in this report may contain paint chip sampling, XRF sampling, lead dust wipe sampling and soil sampling methodologies outlined in the United States Department of Housing and Urban Development's (HUD) Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing, July 1997.

This document is prepared for the sole use of the property owner. A part of this assessment, a visual survey of the property and structure was conducted, dust wipe sampling was performed on a limited number of interior surfaces, and composite soil samples were collected. In addition, on-site paint testing using x-ray fluorescence (XRF) lead-in-paint analyzer was performed.

Purpose

The purpose of this risk assessment is to identify and assess all potential lead-based paint hazards, based on the condition of lead-based painted components and the presence of lead contaminated dust or soil at the subject property and provides treatment options to assure safety for the occupants.

Lead Paint Facts

- Lead is a naturally occurring element that is toxic to humans of all ages and was widely used in paints sold to consumers until 1978.
- Many homes built before 1978 contain varying levels of lead based paints. While we do not need to worry about lead in new paint, there is still great concern about the lead paint already on existing painted surfaces.
- A Lead based surface means any painted or coated surface, having a lead content greater than or equal to 0.7 milligrams/cm² measured by an XRF analyzer or greater than or equal to 0.06% lead by weight as determined by laboratory analysis or other department field methods.
- Lead is most hazardous to children under the age of six, whose still developing nervous system are particularly vulnerable to lead. It is also a cumulative poison, so while one small exposure may not seem harmful, repeated exposures can build up over time in the body.
- Lead poisoning can result in neurological damage, reduced IQ, hyperactivity, increased aggression, learning disabilities and behavioral problems.

A list of definitions of general terms and definitions used in this report is provided in Appendix A.

Lead Paint Disclosure Requirements

If lead-based paint hazards is identified on the site, a copy of this report or a summary must be provided to new lessees (tenants) and purchasers of this property under Federal law (Title 24 Code of Federal Regulations (CFR), part 35 and Title 40, CFR, part 745) before they become obligated under a lease or sales contract. The complete report must also be provided to new purchasers and it must be made available to new tenants. Landlords (lessors) and sellers are also required to distribute an educational pamphlet and include standard warning language in their leases or sales contracts to ensure that parents have the information they need to protect their children from lead-based paint hazards.

2.0 Assessment

Overview / Summary

Lead hazards were identified at this property in

Location	Yes	No	N/A
Exterior Paint		X	
Interior Paint	X		
Windows	X		
Dust	X		
Soil		X	

On 12/22/2015, a lead-based paint risk assessment was conducted at 3216 W McKinley Blvd and 3218 W McKinley Blvd, Milwaukee, WI 53208. Lead-based surface coatings and lead hazards were present on the subject property as of 12/22/2015 of the inspection/risk assessment. The ceilings were not reachable during the inspection/risk assessment. The analytical results from this evaluation effort identified the following lead-based paint (LBP) and lead hazards, as defined by EPA, HUD and/or the State of Wisconsin standards:

Paint XRF Survey Results

The following areas are coated with LBP that is **deteriorated** and currently present existing Interior lead-based paint hazards.

Property Address: 3216 W McKinley Blvd, Milwaukee, WI 53208

- All double-hung windows

Property Address: 3218 W McKinley Blvd, Milwaukee, WI 53208

- All double-hung windows
- Front hallway ceiling and all walls

The following areas are coated with LBP that is **deteriorated** and currently present existing Exterior lead-based paint hazards.

Property Address: 3216 W McKinley Blvd and 3218 W McKinley Blvd, Milwaukee, WI 53208

- N/A

(See Appendix B & C for complete interior and exterior condition survey and XRF testing results)

The following areas are coated with LBP and are intact. These areas are a potential hazard if these areas do not remain intact.

Property Address: 3216 W McKinley Blvd, Milwaukee, WI 53208

- Living room and pantry north, south and east walls
- Bathroom window casing
- Rear hallway ceiling, north, south and east walls

Property Address: 3218 W McKinley Blvd, Milwaukee, WI 53208

- Living room and dining room walls
- Kitchen north and west walls
- Pantry south and west wall
- Rear bedroom north, south and west wall
- Bathroom baseboard and window casing

- Den/Common all walls

Property Address: Exterior for 3216 W McKinley Blvd and 3218 W McKinley Blvd, Milwaukee, WI 53208

- North exterior door trim and south
- South exterior door, door trim, wall, column and window trim
- East exterior wall, window trim, basement window, door and door trim
- North exterior wall, door trim and window trim
- West exterior wall, window trim and basement window

Note: For surfaces coated with intact lead based paint, see the attached Paint Condition Survey and Testing Results. At the time of this lead inspection, these surfaces were intact. If these surfaces are disturbed or become deteriorated, lead-safe work practices must be implemented during this project to ensure that lead hazards are not created. If this property is a rental, federal law requires that a Lead Safe Renovator must complete the work.

Dust Wipe Sampling Results

The following interior locations were identified as having **ELEVATED LEAD DUST LEVELS** and currently present existing lead hazards.

Property Address: 3216 W McKinley Blvd, Milwaukee, WI 53208

- Living room and dining room sill
- Kitchen well
- Bedroom floor and sill

Property Address: 3218 W McKinley Blvd, Milwaukee, WI 53208

- Dining room, kitchen and bedroom sills
- Kitchen well

(See Appendix D –for Interior Dust Sample Testing Results)

(See Appendix E – for Paint Chip Testing Results)

Paint chip samples were not collected at this property.

(See Appendix F – for Soil Testing Results)

The property was not identified to have bare or exposed soil that currently presents existing lead hazards.

Testing Protocol

Testing was conducted in accordance with the HUD Guidelines. Dust sampling methodology is described in Chapter 5 of the HUD Guidelines. The technique for compositing samples is described in the HUD Guidelines, Chapter 15 as published in June 1995.

Exclusions: Null Readings or readings that were not possible to obtain due to inaccessibility are to be assumed as potential lead hazards.

Lead-Based Paint Hazard Definitions

Lead-based paint is any paint or surface coating that contains lead as measured by an XRF equal to or in excess of **0.7 milligrams per square centimeter (0.7 mg/cm²)** or as measured by laboratory analysis to be equal to or in excess of **0.06% by weight**. Lead-based paint is hazardous when it is:

1. *On a friction surface.*
2. *On a chewable surface that has evidence of teeth marks.*

3. *On an impact surface*
4. *Deteriorated, e.g., peeling, chipping, chalking, or cracking.*

Lead Dust Hazard Levels (HUD clearance standard for wipes)

- **40 micrograms per square foot ($\mu\text{g}/\text{ft}^2$)** on floors of interior or exterior living areas or on any horizontal surface other than a windowsill or trough.
- **250 $\mu\text{g}/\text{ft}^2$** on interior window sills
- **400 $\mu\text{g}/\text{ft}^2$** on window troughs

Lead Soil Hazard Levels (Laboratory results for bare / exposed soil)

- **400 $\mu\text{g}/\text{g}$** (ppm or parts per million) for bare soil in play areas or
- **1200 ppm** (composite or average) in bare soil in non-play areas of the property.

Building Visual Conditions Survey

Property Address: 3216 W McKinley Blvd and 3218 W McKinley Blvd, Milwaukee, WI 53208

Condition	Yes	No	Comments
Roof missing parts of surfaces		X	
Roof has visual openings to the interior of the property		X	
Gutters or downspouts are in disrepair		X	
Masonry on the property is in disrepair		X	
Exterior or interior walls have obvious large cracks or holes, requiring more than routine repair		X	
Exterior fascia and/or soffit have deteriorated paint.		X	
Exterior siding has missing boards or shingles		X	
Exterior siding has deteriorated paint.		X	
Water Stains on interior walls or ceilings		X	
Walls or ceilings are deteriorated		X	
Two or more windows or doors are broken, missing or boarded up		X	
Porch or steps have major elements broken or missing		X	
Visual teeth marks on chewable surfaces		X	
Garage (if applicable) has deteriorated siding, and/or doors and/or paint.		X	

Property and window photographs are provided in Appendix G.

Lead Hazard Control and Recommendations

Property Address: 3216 W McKinley Blvd, Milwaukee, WI 53208

Hazard 1: (All double-hung windows)

Preserve Original Windows Per Milwaukee Historic Preservation Department Requirements

Interim Control Option	HEPA vacuum/wet clean
Interim Control Option 2	Wet scrape and paint
MHD CLPPP Recommendation	Wet scrape and paint

Hazard 2: (Dust levels - living room and dining room sill, bedroom floor and sill, and kitchen well)

Interim Control Option	HEPA vacuum/wet cleaning
Abatement Option	Remove and replace or encapsulate
MHD CLPPP Recommendation	HEPA vacuum/wet cleaning

Property Address: 3218 W McKinley Blvd, Milwaukee, WI 53208

Hazard 1: (All double-hung windows)

Preserve Original Windows Per Milwaukee Historic Preservation Department Requirements

Interim Control Option	HEPA vacuum/wet clean
Interim Control Option 2	Wet scrape and paint
MHD CLPPP Recommendation	Wet scrape and paint

Hazard 2: (Dust levels - dining room, kitchen and bedroom sills, and kitchen well)

Interim Control Option	HEPA vacuum/wet cleaning
Abatement Option	Remove and replace or encapsulate
MHD CLPPP Recommendation	HEPA vacuum/wet cleaning

Hazard 3: (Front hallway ceiling and all walls)

Interim Control Option	Patch and plaster/drywall patch
Abatement Option	Remove and replace with drywall or enclose with paneling
MHD CLPPP Recommendation	Patch and plaster

Ongoing Monitoring: Ongoing monitoring is necessary in all properties in which lead-based paint is known to be present. Performing a visual inspection of the property every six months is suggested to identify any deteriorated paint for safe repair. Visual surveys assure that all paint with known or suspected LBP are not deteriorating, that lead hazard control methods have not failed, and that structural problems do not threaten the integrity of any remaining known, assumed or suspected LBP.

APPENDIX -A

Definitions

Abatement means any measure or set of measures designed to permanently eliminate lead-based paint or lead-based paint hazards. (For full EPA definition, see 40 CFR 745.223)

Bare Soil means soil or sand not covered by grass, sod, other live ground covers, wood chips, gravel, artificial turf or similar covering.

Chewable surface means an interior or exterior surface painted with lead-based paint that a young child can mouth or chew. Hard metal substrates and other materials that cannot be dented by the bite of a young child are not considered chewable.

Clearance examination means an activity conducted after lead-based paint hazards are removed to determine that no deteriorated lead based paint and no settled lead-dust exist in the area covered by the examination. The clearance examination includes a visual assessment and collection and analysis of environmental samples.

Deteriorated paint means any interior or exterior paint that is peeling, chipping or cracking, or any paint or coating located on an interior or exterior surface or fixture that is otherwise damaged or separated from the substrate.

Drip line/foundation area means the area within 3 feet surrounding the perimeter of a building.

Friction surface means an interior or exterior surface that is subject to abrasion or friction, including, but not limited to certain window, floor and stair surfaces.

Impact surface means an interior or exterior surface that is subject to damage by repeated sudden force such as certain parts of door frames.

Interim Controls – A set of measures that are designed to temporarily reduce actual or potential exposure to lead-based paint hazards. Monitoring, conducted by professionals, are integral elements of interim controls. Interim controls include:

- Dust Removal: Using a wet mop and HEPA filtered vacuum.
- Paint Film Stabilization: The process of wet scraping, priming, and repainting surfaces, including cleanup and clearance.
- Treatment of friction and impact surfaces
- Installation of soil coverings

Play area means an area of frequent soil contact by children of less than 6 years of age as indicated by such factors as the presence of play equipment, or other children's possessions, observations of play patterns, or information provided by parents, residents, care givers or property owners.

Visual inspection consists of the lead risk assessor assuring that deteriorated paint surfaces are not present (unless proven to be lead free) or that there are no visible paint chips present on the floors, window sills, window wells, troughs or soil; all substrates are in good condition and are free of visible defect, damage, decay and deterioration; there is no evidence of water damage; and any encapsulation, enclosure, protective covering, or interim control measure remains intact.

APPENDIX - B

Interior Paint Condition Survey and XRF Testing Results

Property Address: 3216 W McKinley Blvd, Milwaukee, WI 53208

Reading #	Test Loc.	Substrate	Component	Painted	Condition ¹	Results ³	XRF Reading ²
15	Living Room	Plaster	North Wall	Yes	Intact	Positive	1.4
16	Living Room	Plaster	South Wall	Yes	Intact	Positive	1.8
18	Living Room	Plaster	East Wall	Yes	Intact	Positive	1.7
20	Living Room	Plaster	West Wall	Yes	Intact	Negative	0.29
21	Living Room	Wood	Baseboard	No	Intact	Negative	0.3
22	Living Room	Wood	Win. Casing	No	Intact	Negative	0.3
23	Living Room	Wood	Win. Well	Yes	Deteriorated	Positive	2
24	Living Room	Wood	Win. Jamb	Yes	Deteriorated	Positive	6.4
25	Dining Room	Plaster	North Wall	Yes	Intact	Negative	0.25
26	Dining Room	Plaster	South Wall	Yes	Intact	Negative	0.24
27	Dining Room	Plaster	East Wall	Yes	Intact	Negative	0.26
28	Dining Room	Plaster	West Wall	Yes	Intact	Negative	0.22
29	Dining Room	Wood	Win. Casing	No	Intact	Negative	0.28
31	Dining Room	Wood	Win. Well	Yes	Deteriorated	Positive	30.3
32	Dining Room	Wood	Win. Jamb	Yes	Deteriorated	Positive	3.7
33	Kitchen	Plaster	North Wall	Yes	Intact	Negative	0.3
34	Kitchen	Plaster	South Wall	Yes	Intact	Negative	0.17

35	Kitchen	Plaster	East Wall	Yes	Intact	Negative	0.29
36	Kitchen	Plaster	East Wall	Yes	Intact	Negative	0.27
37	Kitchen	Plaster	West Wall	Yes	Intact	Negative	0.2
38	Kitchen	Wood	Baseboard	Yes	Intact	Negative	0.29
39	Kitchen	Wood	Win. Casing	Yes	Intact	Negative	0.17
40	Kitchen	Wood	Win. Well	Yes	Deteriorated	Positive	7.1
41	Kitchen	Wood	Win. Sash	Yes	Deteriorated	Positive	4.8
42	Kitchen	Wood	Win. Jamb	Yes	Deteriorated	Positive	5.1
43	Kitchen	Wood	Adj Win. Well	Yes	Deteriorated	Positive	6.2
44	Kitchen	Wood	Adj Win. Jamb	Yes	Deteriorated	Positive	6.7
45	Kitchen	Wood	Door	Yes	Intact	Negative	0.3
46	Kitchen	Wood	Door Trim	Yes	Intact	Negative	0.16
47	Pantry	Plaster	North Wall	Yes	Intact	Positive	2.3
48	Pantry	Plaster	South Wall	Yes	Intact	Positive	4.6
49	Pantry	Plaster	East Wall	Yes	Intact	Positive	4.7
50	Pantry	Plaster	West Wall	Yes	Intact	Negative	0.3
51	Pantry	Wood	Win. Well	Yes	Deteriorated	Positive	7.6
52	Pantry	Wood	Win. Jamb	Yes	Deteriorated	Positive	5.7
53	Pantry	Wood	Door	Yes	Intact	Negative	0.4
54	Pantry	Wood	Door Trim	Yes	Intact	Negative	0.3
55	Den/Common	Plaster	North Wall	Yes	Intact	Negative	0.17
56	Den/Common	Plaster	South Wall	Yes	Intact	Negative	0.21
57	Den/Common	Plaster	East Wall	Yes	Intact	Negative	0.23
58	Den/Common	Plaster	West Wall	Yes	Intact	Negative	0.16
59	Den/Common	Wood	Win. Well	Yes	Deteriorated	Positive	1.8
60	Den/Common	Wood	Win. Jamb	Yes	Deteriorated	Positive	5.2
61	Rear Bedroom	Plaster	North Wall	Yes	Intact	Negative	0.24
62	Rear Bedroom	Plaster	South Wall	Yes	Intact	Negative	0.15
63	Rear Bedroom	Plaster	East Wall	Yes	Intact	Negative	0.26
64	Rear Bedroom	Plaster	West Wall	Yes	Intact	Negative	0.25
65	Rear Bedroom	Wood	Baseboard	Yes	Intact	Negative	0.4
66	Rear Bedroom	Wood	Win. Sash	Yes	Deteriorated	Positive	1.4
67	Rear Bedroom	Wood	Win. Casing	Yes	Intact	Negative	0.3
68	Rear Bedroom	Wood	Win. Well	Yes	Deteriorated	Positive	5.6
69	Rear Bedroom	Wood	Win. Jamb	Yes	Deteriorated	Positive	2
70	Rear Bedroom	Wood	Door	Yes	Intact	Negative	0.22
71	Rear Bedroom	Wood	Door Trim	Yes	Intact	Negative	0.4
72	Bathroom	Plaster	North Wall	Yes	Intact	Negative	0.23
73	Bathroom	Plaster	South Wall	Yes	Intact	Negative	0.23
74	Bathroom	Plaster	East Wall	Yes	Intact	Negative	0.16
75	Bathroom	Plaster	West Wall	Yes	Intact	Negative	0.2
76	Bathroom	Wood	Baseboard	Yes	Intact	Negative	0.3
77	Bathroom	Wood	Win. Casing	Yes	Intact	Positive	10.3
78	Bathroom	Wood	Cabinet	Yes	Intact	Negative	0.3
80	Front Bedroom	Plaster	North Wall	Yes	Intact	Negative	0.28

81	Front Bedroom	Plaster	South Wall	Yes	Intact	Negative	0.4
82	Front Bedroom	Plaster	East Wall	Yes	Intact	Negative	0.26
83	Front Bedroom	Plaster	West Wall	Yes	Intact	Negative	0.4
84	Front Bedroom	Wood	Win. Well	Yes	Deteriorated	Positive	7.4
85	Front Bedroom	Wood	Win. Jamb	Yes	Deteriorated	Positive	6.6
86	Middle Bedroom	Plaster	North Wall	Yes	Intact	Negative	0.4
87	Middle Bedroom	Plaster	South Wall	Yes	Intact	Negative	0.17
88	Middle Bedroom	Plaster	East Wall	Yes	Intact	Negative	0.3
89	Middle Bedroom	Plaster	West Wall	Yes	Intact	Negative	0.2
90	Middle Bedroom	Wood	Win. Well	Yes	Deteriorated	Positive	8.2
91	Middle Bedroom	Wood	Win. Jamb	Yes	Deteriorated	Positive	7.3
92	Rear Hallway	Plaster	North Wall	Yes	Intact	Positive	17.3
93	Rear Hallway	Plaster	Ceiling	Yes	Intact	Positive	6
94	Rear Hallway	Plaster	South Wall	Yes	Intact	Positive	9.1
95	Rear Hallway	Plaster	East Wall	Yes	Intact	Positive	13.3
96	Rear Hallway	Plaster	West Wall	Yes	Intact	Positive	13.5
97	Rear Hallway	Wood	Baseboard	Yes	Intact	Negative	0.4
98	Rear Hallway	Wood	Door	Yes	Intact	Negative	0.24
99	Rear Hallway	Wood	Door Trim	Yes	Intact	Negative	0.3
100	Rear Hallway	Wood	Stained Floor	Yes	Intact	Negative	0.4
101	Rear Hallway	Wood	Stained Floor	Yes	Intact	Negative	0.15
102	Front Hallway	Plaster	Ceiling	Yes	Deteriorated	Positive	11.6
103	Front Hallway	Plaster	North Wall	Yes	Deteriorated	Positive	16.3
104	Front Hallway	Plaster	South Wall	Yes	Deteriorated	Positive	13
140	Rear Bedroom	Wood	Door	Yes	Intact	Positive	1.2
141	Rear Bedroom	Plaster	North Wall	Yes	Intact	Positive	14.4
142	Rear Bedroom	Plaster	South Wall	Yes	Intact	Positive	11.6
143	Rear Bedroom	Plaster	East Wall	Yes	Intact	Negative	0.2
144	Rear Bedroom	Plaster	West Wall	Yes	Intact	Positive	11.5
145	Rear Bedroom	Wood	Baseboard	Yes	Intact	Negative	0.4

1. I=Intact, D=Deteriorated (Checking, Cracking or Flaking, Layered Deterioration, Blistering, Chalking)

2. ALL RESULTS ARE MEASURED AS (mg/cm2)² Null=Inconclusive reading, treat as positive for lead

3. Positive=lead based surface, Negative=reading below a lead based surface level. Null= Inconclusive reading treat as P

Property Address: 3218 W McKinley Blvd, Milwaukee, WI 53208

Reading #	Test Loc.	Substrate	Component	Painted	Condition ¹	Results ³	XRF Reading ²
15	Living Room	Plaster	North Wall	Yes	Intact	Positive	1.4
16	Living Room	Plaster	South Wall	Yes	Intact	Positive	1.8
18	Living Room	Plaster	East Wall	Yes	Intact	Positive	1.7
105	Front Hallway	Plaster	East Wall	Yes	Deteriorated	Positive	2.4
106	Front Hallway	Plaster	West Wall	Yes	Deteriorated	Positive	10.6
107	Front Hallway	Wood	Win. Jamb	Yes	Deteriorated	Positive	25.3
108	Front Hallway	Wood	Win. Well	Yes	Deteriorated	Positive	28.6
109	Living Room	Plaster	North Wall	Yes	Intact	Positive	1
110	Living Room	Plaster	South Wall	Yes	Intact	Positive	2

111	Living Room	Plaster	East Wall	Yes	Intact	Positive	1.3
112	Living Room	Plaster	West Wall	Yes	Intact	Positive	1
179	Living Room	Wood	Win. Well	Yes	Deteriorated	Positive	6.7
180	Living Room	Wood	Win. Jamb	Yes	Deteriorated	Positive	6.5
113	Dining Room	Plaster	North Wall	Yes	Intact	Positive	31.8
114	Dining Room	Plaster	South Wall	Yes	Intact	Positive	28.3
115	Dining Room	Plaster	East Wall	Yes	Intact	Positive	35.1
116	Dining Room	Plaster	West Wall	Yes	Intact	Positive	34
117	Dining Room	Wood	Win. Well	Yes	Deteriorated	Positive	32.6
118	Dining Room	Wood	Win. Jamb	Yes	Deteriorated	Positive	6.8
119	Kitchen	Plaster	North Wall	Yes	Intact	Positive	3.8
120	Kitchen	Plaster	South Wall	Yes	Intact	Negative	0.24
121	Kitchen	Plaster	East Wall	Yes	Intact	Negative	0.27
122	Kitchen	Plaster	West Wall	Yes	Intact	Positive	7.5
123	Kitchen	Wood	Win. Well	Yes	Deteriorated	Positive	1.3
124	Kitchen	Wood	Win. Jamb	Yes	Deteriorated	Positive	1.9
125	Kitchen	Wood	Adj Jamb	Yes	Deteriorated	Positive	7.2
126	Kitchen	Wood	Adj Well	Yes	Deteriorated	Positive	6.8
128	Pantry	Plaster	North Wall	Yes	Intact	Negative	0.26
129	Pantry	Plaster	South Wall	Yes	Intact	Positive	2.6
130	Pantry	Plaster	East Wall	Yes	Intact	Negative	0.24
131	Pantry	Plaster	West Wall	Yes	Intact	Positive	5.1
132	Pantry	Wood	Baseboard	Yes	Intact	Negative	0.3
133	Pantry	Wood	Win. Casing	Yes	Intact	Negative	0.22
134	Pantry	Wood	Win. Sash	Yes	Deteriorated	Positive	9.8
135	Pantry	Wood	Cabinet	Yes	Intact	Negative	0.4
183	Pantry	Wood	Win. Jamb	Yes	Deteriorated	Positive	5.6
184	Pantry	Wood	Win. Well	Yes	Deteriorated	Positive	25.9
141	Rear Bedroom	Plaster	North Wall	Yes	Intact	Positive	14.4
142	Rear Bedroom	Plaster	South Wall	Yes	Intact	Positive	11.6
143	Rear Bedroom	Plaster	East Wall	Yes	Intact	Negative	0.2
144	Rear Bedroom	Plaster	West Wall	Yes	Intact	Positive	11.5
145	Rear Bedroom	Wood	Baseboard	Yes	Intact	Negative	0.4
146	Rear Bedroom	Wood	Win. Casing	Yes	Intact	Negative	0.17
147	Rear Bedroom	Wood	Win. Well	Yes	Deteriorated	Positive	1.6
148	Rear Bedroom	Wood	Win. Jamb	Yes	Deteriorated	Positive	6.1
150	Rear Bedroom	Wood	Door	Yes	Deteriorated	Negative	0.3
151	Rear Bedroom	Wood	Door Trim	Yes	Deteriorated	Negative	0.18
152	Bathroom	Plaster	North Wall	Yes	Intact	Negative	0.24
153	Bathroom	Plaster	South Wall	Yes	Intact	Negative	0.3
154	Bathroom	Plaster	East Wall	Yes	Intact	Negative	0.17
155	Bathroom	Plaster	West Wall	Yes	Intact	Negative	0.26
156	Bathroom	Wood	Baseboard	Yes	Intact	Positive	19.5
157	Bathroom	Wood	Win. Casing	Yes	Intact	Positive	19.7
158	Bathroom	Wood	Win. Sash	Yes	Deteriorated	Positive	21.3
181	Bathroom	Wood	Win. Well	Yes	Deteriorated	Positive	23.1

182	Bathroom	Wood	Win. Jamb	Yes	Deteriorated	Positive	26.4
159	Front Bedroom	Plaster	North Wall	Yes	Intact	Negative	0.29
160	Front Bedroom	Plaster	South Wall	Yes	Intact	Negative	0.24
161	Front Bedroom	Plaster	East Wall	Yes	Intact	Negative	0.19
162	Front Bedroom	Plaster	West Wall	Yes	Intact	Negative	0.3
164	Front Bedroom	Wood	Baseboard	Yes	Intact	Negative	0.3
165	Front Bedroom	Wood	Win. Well	Yes	Deteriorated	Positive	1.3
166	Front Bedroom	Wood	Win. Jamb	Yes	Deteriorated	Positive	9.2
167	Front Bedroom	Wood	Win. Casing	Yes	Intact	Negative	0.23
168	Den/Common	Plaster	North Wall	Yes	Intact	Positive	1
169	Den/Common	Plaster	South Wall	Yes	Intact	Positive	2.3
171	Den/Common	Plaster	East Wall	Yes	Intact	Positive	2.9
172	Den/Common	Plaster	West Wall	Yes	Intact	Positive	1.1
174	Den/Common	Wood	Win. Well	Yes	Deteriorated	Positive	3.2
175	Den/Common	Wood	Win. Jamb	Yes	Deteriorated	Positive	2.5

1. I=Intact, D=Deteriorated (Checking, Cracking or Flaking, Layered Deterioration, Blistering, Chalking)

2. ALL RESULTS ARE MEASURED AS (mg/cm²)² Null=Inconclusive reading, treat as positive for lead

3. Positive=lead based surface, Negative=reading below a lead based surface level .Null= Inconclusive reading treat as P

APPENDIX - C

Exterior Paint Condition Survey and XRF Testing Results

Property Address: 3216 W McKinley Blvd and 3218 W McKinley Blvd, Milwaukee, WI 53208

Reading #	Test Loc.	Substrate	Component	Painted	Condition ¹	Results ³	XRF Reading ²
136	North Ext.	Wood	Porch Deck	Yes	Deteriorated	Negative	0.21
137	North Ext.	Wood	Porch Handrail	Yes	Intact	Negative	0.15
139	North Ext.	Wood	Door Trim	Yes	Intact	Positive	36.8
140	North Ext.	Wood	Door	Yes	Intact	Positive	1.2
176	South Ext.	Wood	Porch Handrail	Yes	Deteriorated	Negative	0.4
177	South Ext.	Wood	Door	Yes	Intact	Positive	1
187	South Ext.	Wood	Door Trim	Yes	Intact	Positive	37.6
190	South Ext.	Wood	Door	Yes	Intact	Positive	37.1
191	South Ext.	Wood	Wall	Yes	Intact	Positive	19.7
192	South Ext.	Wood	Window Trim	Yes	Intact	Positive	24
193	South Ext.	Wood	Porch Step	Yes	Intact	Negative	0.21
194	South Ext.	Wood	Porch Deck	Yes	Intact	Negative	0.28
195	South Ext.	Wood	Porch Handrail	Yes	Intact	Negative	0.1
196	South Ext.	Wood	Porch Skirt	Yes	Intact	Negative	0.12
197	South Ext.	Wood	Column	Yes	Intact	Positive	14.3
198	East Ext.	Wood	Wall	Yes	Intact	Positive	1.3
199	East Ext.	Wood	Window Trim	Yes	Intact	Positive	34.3
200	East Ext.	Wood	Basement Window	Yes	Intact	Positive	4
201	East Ext.	Wood	Door	Yes	Intact	Positive	1.1
202	East Ext.	Wood	Door Trim	Yes	Intact	Positive	36.2
203	North Ext.	Wood	Wall	Yes	Intact	Positive	2.3

204	North Ext.	Wood	Door Trim	Yes	Intact	Positive	40.8
205	North Ext.	Wood	Window Trim	Yes	Intact	Positive	23.9
206	West Ext.	Wood	Wall	Yes	Intact	Positive	20.3
207	West Ext.	Wood	Window Trim	Yes	Intact	Positive	32.7
208	West Ext.	Wood	Basement Window	Yes	Intact	Positive	5.1

1. I=Intact, D=Deteriorated (Checking, Cracking or Flaking, Layered Deterioration, Blistering, Chalking)
2. ALL RESULTS ARE MEASURED AS (mg/cm²)² Null=Inconclusive reading, treat as positive for lead
3. Positive=lead based surface, Negative=reading below a lead based surface level .Null= Inconclusive reading treat as P

Appendix – D: Lab Results

Interior Dust Sampling Testing Results

Property Address: 3216 W McKinley Blvd, Milwaukee, WI 53208

Collection Date of Interior Dust Samples: 12/22/2015

SAMPLE NO.	ROOM TYPE ¹	SAMPLE TYPE ²	SUBSTRATE TYPE ³	SUBSTRATE CONDITION ⁴	Dimensions of Sample Area	Lab Analysis (µg/ft ²)	Results ⁵
1	4	A	3	2	12 x 12	<20	N
2	1	A	3	2	12 x 12	20	N
3	1	B	3	2	2 x 8	9,600	P
4	3	A	3	2	12 x 12	<20	N
5	3	B	3	2	2 x 8	480	P
6	2	A	3	2	12 x 12	<20	N
7	2	B	4	2	2 x 8	150	N
8	5	A	3	2	12 x 12	98	P
9	5	B	4	2	2 x 8	16,000	P
10	2	C	4	2	2 x 8	690,000	P

1. 1 = living room, 2 = kitchen, 3 = dining room, 4 = entry hall, 5 = bedroom, 6 = family room, 7 = bathroom, 8 = basement, 9 = other
2. A = floor, B = interior sill, C = exterior sill, D = other
3. 1 = vinyl, 2 = carpet, 3 = wood, 4 = painted surface, 5 = concrete, 6 = other
4. 1 = deteriorated, 2 = moderate, 3 = excellent
5. P = Lead Dust Wipe sample is above HUD lead clearance standard, N = Lead Dust Wipe sample is below HUD Lead clearance standard

Property Address: 3218 W McKinley Blvd, Milwaukee, WI 53208

Collection Date of Interior Dust Samples: 12/22/2015

SAMPLE NO.	ROOM TYPE ¹	SAMPLE TYPE ²	SUBSTRATE TYPE ³	SUBSTRATE CONDITION ⁴	Dimensions of Sample Area	Lab Analysis (µg/ft ²)	Results ⁵
1	4	A	3	2	12 x 12	<20	N
2	1	A	3	2	12 x 12	<20	N
3	1	B	3	2	2 x 8	130	N
4	3	A	3	2	12 x 12	<20	N
5	3	B	3	2	2 x 8	1,100	P
6	2	A	1	2	12 x 12	<20	N
7	2	B	4	2	2 x 8	1,100	P
8	5	A	3	2	12 x 12	<20	N
9	5	B	4	2	2 x 8	2,000	P
10	2	C	4	2	2 x 8	220,000	P
11	7	A	1	2	12X12	<20	N

1. 1 = living room, 2 = kitchen, 3 = dining room, 4 = entry hall, 5 = bedroom, 6 = family room, 7 = bathroom, 8 = basement, 9 = other
2. A = floor, B = interior sill, C = exterior sill, D = other
3. 1 = vinyl, 2 = carpet, 3 = wood, 4 = painted surface, 5 = concrete, 6 = other
4. 1 = deteriorated, 2 = moderate, 3 = excellent
5. P = Lead Dust Wipe sample is above HUD lead clearance standard, N = Lead Dust Wipe sample is below HUD Lead clearance standard

APPENDIX – E: Lab Results

Paint Chip Testing Results

Property Address: 3216 W McKinley Blvd and 3218 W McKinley Blvd, Milwaukee, WI 53208

Collection Date of Paint Chip Samples: N/A

Sample Location	Building Component	% of Lead by Weight	Results ¹
N/A			

1. P=Paint chip is above the lead base surface definition, N=Paint chip is below the threshold considered to be a lead base surface

APPENDIX – F: Lab Results

Soil Testing Results

Property Address: 3216 W McKinley Blvd and 3218 W McKinley Blvd, Milwaukee, WI 53208

Collection Date of Composite Soil Samples: N/A

Bare Soil

Area Observed with bare soil	Location of Composite Samples	Approximate Area of Bare Soil	Laboratory Analysis (ppm or µg/g)	Results ¹
N/A				

1. P=Lead Soil Hazards were Identified, N=Lead Soil Hazards were Not Identified

APPENDIX – G: Property and Window Photographs

The window photographs combined with the NITON readings of windows and laboratory results of leaded dust on window sill and/or window troughs included in this report offer conclusive proof that the extent and severity of lead-based paint hazards are sufficient to justify window replacement as a lead hazard control measure.

APPENDIX – H

X-Ray Fluorescence Calibration Data

Property Address: 3216 W McKinley Blvd and 3218 W McKinley Blvd, Milwaukee, WI 53208

Risk Assessor: Jean Schultz

WI Risk Assessor License #: LRA - 215661

Date of Inspection/Risk Assessment: 12/22/2015

Device Type: Niton XLP 303A XRF

Device Serial Number: 23991

NIST SRM Used: 1.0 mg/cm²

Valid Calibration Check Range: 0.8 - 1.2 mg/cm²

First Calibration Check: 12/22/2015 11:25 AM

NIST SRM			1 st Average	Pass / Fail
1 st Reading	2 nd Reading	3 rd Reading		
1.2	1.0	1.1	1.1	Pass

Second Calibration Check: 12/22/2015 1:33 PM

NIST SRM			2 nd Average	Pass / Fail
1 st Reading	2 nd Reading	3 rd Reading		
0.9	1.0	1.2	1.0	Pass

APPENDIX – I: Property, Lead Risk Assessor, and Laboratory Information

Property Information

Address of Inspection/Risk Assessment:

3216 W McKinley Blvd
Milwaukee, WI 53208

and

3218 W McKinley Blvd
Milwaukee, WI 53208

Date of Inspection/Risk Assessment: 12/22/2015

Property Owner(s): Strong Blocks Milwaukee LLC/Carl Quindel

Property Owner(s) Contact Information:

710 N Plankinton Ave #710
Milwaukee, WI 53203

Telephone Number: 414-236-4113

Lead Risk Assessor Information

Lead Risk Assessor: Jean Schultz

Lead Risk Assessor's WI Certification License Number: LRA - 215661

Lead Risk Assessor's Address:

7630 W Mill Rd
Milwaukee, WI 53218
Phone: 414-286-5987

Laboratory Information

City of Milwaukee Health Department Public Health Laboratory
841 North Broadway, 2nd Floor
Milwaukee, WI 53202
Phone: 414-286-3526

APPENDIX - J

LEAD-PAINT ABATEMENT METHODS

Replacement: Remove lead-painted component with new, lead-free component.

Enclosure: Cover lead-based painted surface with a material that is structurally affixed and deemed to last for a minimum of 20 years.

Encapsulation: The coating of microscopic particles with another material.

This method is particularly useful on building components that have architectural significance, are not easily replaced, and are structurally sound.

Removal: Take away. Paint removal is considered if replacement, enclosure, and encapsulation are not feasible. Off-site paint removal is preferred.

The following methods **are NOT acceptable** for removing lead paint:

- *Dry scraping*
- *Sanding*
- *Unconfined sand blasting*
- *Unconfined water blasting*

- Open flame burning or heat guns operated above 1100 degrees Fahrenheit
- Using Methylene Chloride based strippers / removers.

APPENDIX – K: Performance Characteristic Sheet

#2

Nilon XLp 300, 9/24/2004, ed. 1

Performance Characteristic Sheet

EFFECTIVE DATE: September 24, 2004

EDITION NO.: 1

MANUFACTURER AND MODEL:

Make: Nilon LLC

Tested Model: XLp 300

Source: ^{109}Cd

Note: This PCS is also applicable to the equivalent model variations indicated below, for the Lead-In-Paint K+L variable reading time mode, in the XLI and XLp series:

XLI 300A, XLI 301A, XLI 302A and XLI 303A.

XLp 300A, XLp 301A, XLp 302A and XLp 303A.

XLI 700A, XLI 701A, XLI 702A and XLI 703A.

XLp 700A, XLp 701A, XLp 702A, and XLp 703A.

Note: The XLI and XLp versions refer to the shape of the handle part of the instrument. The differences in the model numbers reflect other modes available, in addition to Lead-In-Paint modes. The manufacturer states that specifications for these instruments are identical for the source, detector, and detector electronics relative to the Lead-In-Paint mode.

FIELD OPERATION GUIDANCE

OPERATING PARAMETERS:

Lead-In-Paint K+L variable reading time mode.

XRF CALIBRATION CHECK LIMITS:

0.8 to 1.2 mg/cm² (inclusive)

The calibration of the XRF instrument should be checked using the paint film nearest 1.0 mg/cm² in the NIST Standard Reference Material (SRM) used (e.g., for NIST SRM 2570, use the 1.02 mg/cm² film).

If readings are outside the acceptable calibration check range, follow the manufacturer's instructions to bring the instruments into control before XRF testing proceeds.

SUBSTRATE CORRECTION:

For XRF results using Lead-In-Paint K+L variable reading time mode, substrate correction is not needed for:

Brick, Concrete, Drywall, Metal, Plaster, and Wood

INCONCLUSIVE RANGE OR THRESHOLD:

K+L MODE READING DESCRIPTION	SUBSTRATE	THRESHOLD (mg/cm ²)
Results not corrected for substrate bias on any substrate	Brick	1.0
	Concrete	1.0
	Drywall	1.0
	Metal	1.0
	Plaster	1.0
	Wood	1.0

1 of 3

APPENDIX – L: Downloaded XRF Readings