Reference-3: Hazardous Materials Report – Asbestos and Lead

NORTHSTAR ENVIRONMENTAL TESTING, LLC
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Tel: 920.422.4888

Madison Office:
1310 Mendota Street
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Tel: 608.827.6761

PRE-RENOVATION INSPECTION: *ASBESTOS & LEAD PAINT*

City of Madison Engineering Division

Site:
200 N. First Street
Madison, WI 53704

Work Area:
Pre-Renovation

Inspection Date: April 8 & 9, 2019
Report Date: April 19, 2019

NorthStar No. 190-340

Submitted By:
NorthStar Environmental Testing, LLC.

Asbestos • Lead Paint • Mold • Indoor Air Quality • Industrial Hygiene

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Asbestos • Lead Paint • Mold • Indoor Air Quality • Industrial Hygiene

April 19, 2019

City of Madison Engineering Division
c/o Brent Pauba
210 Martin Luther King Jr Blvd
Suite 115
Madison, WI 53703
bpauba@cityofmadison.com

Reference: Pre-Renovation Inspection
200 N. First Street
Madison, WI 53704

NorthStar Environmental Testing, LLC was contracted by Mr. Brent Pauba on behalf of the City of Madison Engineering Division to complete a pre-renovation inspection to identify the presence of materials containing asbestos and building components with lead-based paint for the property located at 200 N. First Street in Madison, Wisconsin. The inspection was conducted by Ethan Turriff of NorthStar Environmental Testing, LLC (NorthStar) on April 8 & 9, 2019.

Asbestos was identified within the renovation area that would require abatement if these materials will be impacted by the intended renovation. Lead-based paint was also identified within the renovation area. Please review the report in its entirety for more detailed information.

Prepared by:
NorthStar Environmental Testing, LLC.
1310 Mendota Street
Suite 121
Madison, WI 53714

Provided to:
City of Madison Engineering Division
c/o Brent Pauba
210 Martin Luther King Jr Blvd
Suite 115
Madison, WI 53703

Date of Site Visit: April 8 & 9, 2019

NorthStar Environmental Testing, LLC.

Aaron Stroud
Operations Manager
AII-108183 / LRA-108183

Ethan Turriff
Project Superintendent
AII-238194 / LRA-238194

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TABLE OF CONTENTS

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Asbestos • Lead Paint • Mold • Indoor Air Quality • Industrial Hygiene

April 19, 2019

City of Madison Engineering Division
c/o Brent Pauba
210 Martin Luther King Jr Blvd
Suite 115
Madison, WI 53703

Project:	Asbestos Inspection
Site Address:	200 N. First Street Madison, WI 53704
Work Area:	Pre-Renovation
Survey Date:	April 8 & 9, 2019
NorthStar No:	190-340

NorthStar Environmental Testing, LLC (NorthStar) was authorized by Mr. Brent Pauba on behalf of the City of Madison Engineering Division to conduct a pre-renovation survey for the presence of accessible suspect asbestos containing materials (ACM) for the following site:

INSPECTION SUMMARY:

Site Address:	200 N. First Street Madison, WI 53704				
County:	Dane County				
Structure Type:	Commercial				
Bldg Age:	1953 (original construction date)				
Size (ft²):	~38,600 ft² (renovation area)				
Floors:	2				
# of Structures:	3 (Fleet Service Garage, Refueling Station, & Police Evidence Building)				
Inspector:	Ethan Turriff	Cert:	AII-238194	Asbestos Company:	CAP-925800
Survey Date:	April 8 & 9, 2019				
Comments:	The survey was limited to areas of proposed renovation from within a currently occupied facility. Additional areas or building materials, if encountered, should be assumed to contain asbestos and sampled if/when necessary.				

SAMPLING SUMMARY:

Number of Samples:	103
Number Analyzed:	101
Asbestos Material:	**Pipe Insulation, Pipe Fitting Insulation & Metal Grid Window Glazing**
Assumed ACM:	**Transite Heater Unit Conduit Pipe, Roofing Materials, Electrical Panels, & Fire Door**
Laboratory:	Eurofins CEI Labs, Inc. NVLAP: 101768-0
Analysis Date:	April 16, 2019

The attached *Asbestos Sample Log* contains complete sample analysis data.

ASBESTOS MATERIAL SUMMARY:

Confirmed ACBM, or **presumed ACBM** that will require abatement if these materials will be impacted by the intended renovation:

Material	Building Area	Quantity (approx)	Comment/Condition
Pipe Insulation	Second Level South Storage Second Level Pipe Chase Repair Garage 112 Blacksmith Shop 109 Storage Garage 111	25 lf 70 lf 152 lf 127 lf 355 lf	Friable
Pipe Fitting Insulation	Lunch Room 205 Men's 207 Second Level South Storage Second Level Pipe Chase Repair Garage 112 Blacksmith Shop 109 Storage Garage 111	1 lf (1 total) 1 lf (1 total) 7 lf (7 total) 15 lf (15 total) 4 lf (4 total) 4 lf (4 total) 17 lf (17 total)	Friable
Metal Grid Window Glazing – Tan	Storage Garage 111 – West	103 ft^2 (22 windows)	Cat II Non-Friable / metal frame (2'x7')
Transite Heater Unit Conduit Pipe	Storage Garage 111 – North East	30 ft^2	Cat II Non-Friable / Assumed
[1] Roofing Materials	Roofs	~38,600 ft^2	Cat II Non-Friable / Assumed
[2] Electrical Panels	Throughout	27 ft^2 (27 each)	Cat II Non-Friable / Assumed
[3] Fire Door	Utility Room	18 ft^2 (1 each)	Cat II Non-Friable / Assumed

[1] To maintain the integrity of the roof, no roofing material samples were collected at the time of inspection. This area should be assumed positive and sampled if/when necessary.

[2] Electrical panels, boxes or components were not sampled due to potential electrical hazard. These components should be assumed as asbestos containing unless sampled to prove otherwise.

[3] Labeled fire doors are present in limited areas in the building. These doors may contain asbestos but could not be sampled without compromising the fire rating of the door. This area should be assumed positive and sampled if/when necessary. Additional quantities of unlabeled fire doors may also be present.

The following materials were found to be **non-asbestos** or **less than 1%** by PLM analysis:

Material	
plaster base coat	plaster skim coat
drywall	joint compound
drywall panel	vinyl sheet flooring – tan
vinyl sheet flooring adhesive – off-white/brown	4” vinyl baseboard – blue
vinyl baseboard adhesive – tan	4” vinyl baseboard – light blue/gray
vinyl baseboard adhesive – brown	2’x2’ sheetrock ceiling tile
2’x2’ pinhole worm ceiling tile	pipe end encapsulant – white (on fiberglass)
building seam caulk – tan	duct caulk – gray
window caulk – reddish	window caulk – brown
window caulk – gray	door caulk – reddish
door caulk – tan	door caulk – clear
door caulk – white	door caulk – gray
exterior building wall seam caulk – gray/tan	exterior door caulk – reddish
exterior door caulk – gray	exterior window caulk – white
exterior window caulk – gray	exterior stucco – tan
exterior stucco – gray	

The attached *Bulk Sample Log-in* contains complete sample analysis data.

The following areas were inaccessible or excluded at the time of inspection and may contain additional quantities of suspect asbestos containing materials:

Inaccessible/Untested Areas
The building was occupied at the time of inspection which may have limited destructive sampling measures. Any additional items if encountered should be assumed to contain asbestos and sampled if/when necessary.

ASBESTOS RECOMMENDATION:

All friable ACBM as well as non-friable ACBM that would likely be made friable by the intended renovation or demolition processes are required to be abated prior to disturbance.

Non-friable ACBM (confirmed or assumed) remaining during demolition must be disposed of properly as demolition debris at an approved landfill. Non-friable materials typically require abatement prior to any material recycling procedure. For any building that will be subject to burning, all confirmed and presumed ACBM must be removed.

Abatement shall be performed by an abatement company utilizing trained and certified worker/supervisor and further licensed as an asbestos company by the Wisconsin Department of Health Service (DHS), asbestos regulation 159.

Refer to Wisconsin Department of Natural Resources (WDNR) 447; and DHS 159 for complete information on requirements for asbestos abatement and asbestos material disposal.

SURVEY LIMITATIONS:

Sample results, quantities and recommendation are limited to areas that were accessible to us during the investigation. Additional presumed-ACBM that may have been located in spaces not accessible during our investigation, hidden from view, or not sampled at the client's request may require additional sampling prior to disturbance by renovation or demolition activity. Typical areas that may be inaccessible during an investigation include: wall or ceiling cavities; electrical components/wiring, equipment interiors; chimneys/flues/stacks; spaces requiring confined space entry procedures. Additional materials not accessible during a typical building materials survey include items such as miscellaneous caulkings, sealants and construction adhesives that are not readily accessible to sampling as they are often located between layers of building components. These materials are typically non-friable in nature but may require further sampling to confirm or deny the presence of asbestos.

Additional presumed ACBM encountered during renovation or demolition activity, that differs from materials sampled or described during this survey must be assumed to contain asbestos and be abated or be sampled to determine asbestos content prior to disturbance.

Material quantities are listed according to visible estimates at the time of the survey. It is recommended that all quantities be further verified by building owner or abatement contractor prior to project design, bidding and/or DNR notification purposes.

ANALYTICAL DISCUSSION:

Bulk sample analysis for asbestos was performed by polarized light microscopy (PLM); method EPA 600/r-75-116. Samples showing a result of "None Detected" were found to contain no asbestos in any analyzed portion of the sample.

USEPA defines an ACBM as one that contains greater than one percent asbestos. For a sample result showing less than one percent (<1%) of asbestos, the material can be may be treated as a non-asbestos containing material. The building owner or client should be aware that exposure to asbestos is still possible following disturbance of material with a trace or <1% of asbestos present and that worker protection procedures may be necessary.

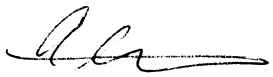
REMARKS:

The survey and subsequent report has been performed according to applicable regulations and generally accepted industry standards and practices in this locality under similar conditions. Information provided to us by building owner/occupant, client or other interested party that may have been utilized in the performance and reporting of the survey was accepted in good faith and can only be assumed to be accurate. The findings and recommendations made are representative of our professional opinion based on currently available information, no other warranty is implied or intended.

Please contact us if you have any questions regarding the presented information or the project in general.

Sincerely,

NorthStar Environmental Testing, LLC.



Aaron Stroud
Operations Manager

Ethan Turriff
Project Superintendent

Appendix A **ASBESTOS SAMPLE LOG**

City of Madison Engineering Division

200 N. First Street
Madison, WI 53704

April 2019

NORTHSTAR ENVIRONMENTAL TESTING, LLC
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ASBESTOS BULK SAMPLE LOG-IN

CLIENT:	City of Madison Engineering Division	**NORTHSTAR NO.**	190-340
LOCATION:	200 N. First Street Madison, WI 53704	**DATE COLLECTED:**	April 8, 2019
WORK AREA:	Service Garage	**TECH:**	Ethan Turriff

Sample ID	Level	Room / Area Info	Material	Description	Asbestos Content
340-1	2	North Stairs (Ceiling)	Plaster Base Coat	Tan	None Detected
340-2	2	North Stairs (Ceiling)	Plaster Skim Coat	Tan	None Detected
340-3	1	Parts Room 102	Plaster Base Coat	Tan	None Detected
340-4	1	Parts Room 102	Plaster Skim Coat	Tan	None Detected
340-5	1	Storage Garage 11 – East	Plaster Base Coat	Tan	None Detected
340-6	1	Storage Garage 11 – East	Plaster Skim Coat	Tan	None Detected
340-7	2	Conference Room 202	Drywall	Off-White	None Detected
340-8	2	Conference Room 202	Joint Compound	Off-White	None Detected
340-9	*2*	*Conference Room 202*	*Drywall/Joint Compound Composite (if either are positive)*	*Off-White*	*Not Analyzed*
340-10	1	Parts Room 102	Drywall	Off-White	None Detected
340-11	1	Parts Room 102	Joint Compound	Off-White	None Detected
340-12	*1*	*Parts Room 102*	*Drywall/Joint Compound Composite (if either are positive)*	*Off-White*	*Not Analyzed*
340-13	2	Corridor – South	Drywall Panel (Fibrous)	Off-White	None Detected
340-14	1	Office 106	Vinyl Sheet Flooring (3'x3')	Tan Speck Pattern	None Detected
340-15	1	Office 106	Vinyl Sheet Flooring Adhesive	Brown	None Detected
340-16	2	Lunch Room 205	Vinyl Sheet Flooring (3'x3')	Tan Speck Pattern	None Detected
340-17	2	Lunch Room 205	Vinyl Sheet Flooring Adhesive	Brown	None Detected
340-18	2	Conference Room 202	4" Vinyl Baseboard	Blue	None Detected
340-19	2	Conference Room 202	Vinyl Baseboard Adhesive	Tan	None Detected
340-20	1	Office 103	4" Vinyl Baseboard	Blue	None Detected

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ASBESTOS BULK SAMPLE LOG-IN

CLIENT:	City of Madison Engineering Division	**NORTHSTAR NO.**	190-340
LOCATION:	200 N. First Street Madison, WI 53704	**DATE COLLECTED:**	April 8, 2019
WORK AREA:	**Service Garage**	**TECH:**	Ethan Turriff

Sample ID	Level	Room / Area	Homogeneous Material	Description	Asbestos Content
340-21	1	Office 103	Vinyl Baseboard Adhesive	Brown	None Detected
340-22	1	Office 103	4" Vinyl Baseboard	Blue	None Detected
340-23	1	Office 103	Vinyl Baseboard Adhesive	Brown	None Detected
340-24	2	Locker Room 206	2'x2' Sheetrock Ceiling Tile	Off-White	None Detected
340-25	2	Women's 208	2'x2' Sheetrock Ceiling Tile	Off-White	None Detected
340-26	1	Office 106	2'x2' Pinhole Worm Ceiling Tile	Off-White	None Detected
340-27	2	Lunch Room 205	2'x2' Pinhole Worm Ceiling Tile	Off-White	None Detected
340-28	**1**	**Storage Garage 111 – West**	**Metal Grid Window Glazing**	**Tan**	**3% Chrysotile**
340-29	**1**	**Storage Garage 111 – West**	**Metal Grid Window Glazing**	**Tan**	**3% Chrysotile**
340-30	**2**	**Pipe Chase**	**Pipe Fitting Insulation**	**Tan**	**20% Chrysotile**
340-31	**2**	**Pipe Chase**	**Pipe Fitting Insulation**	**Tan**	**20% Chrysotile**
340-32	**1**	**Storage Garage 111 – South East**	**Pipe Fitting Insulation**	**Off-White**	**50% Chrysotile**
340-33	**1**	**Storage Garage 111 – South East**	**Pipe Fitting Insulation**	**Off-White**	**25% Chrysotile**
340-34	**2**	**Pipe Chase**	**Pipe Insulation**	**Tan**	**65% Chrysotile**
340-35	**2**	**Pipe Chase**	**Aircell Pipe Insulation**	**Off-White**	**60% Chrysotile**
340-36	**1**	**Repair Garage 112 – South**	**Aircell Pipe Insulation**	**Off-White**	**65% Chrysotile**
340-37	2	Parts Library	Pipe End Encapsulant (on FG)	White	None Detected
340-38	1	Utility Room 105	Pipe End Encapsulant (on FG)	White	None Detected
340-39	2	Women's 208	Seam Caulk (ASC, unknown source)	Tan	None Detected
340-40	2	Women's 208	Seam Caulk (ASC, unknown source)	Tan	None Detected

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ASBESTOS BULK SAMPLE LOG-IN

CLIENT:	City of Madison Engineering Division	**NORTHSTAR NO.**	190-340
LOCATION:	200 N. First Street Madison, WI 53704	**DATE COLLECTED:**	April 8, 2019
WORK AREA:	**Service Garage**	**TECH:**	Ethan Turriff

Sample ID	Level	Room / Area Info	Material	Description	Asbestos Content
340-41	2	Men's Locker Room Corridor	Duct Caulk (above suspended ceiling)	Gray	None Detected
340-42	2	Men's Locker Room Corridor	Duct Caulk (above suspended ceiling)	Gray	None Detected
340-43	1	Repair Garage 112 – East	Window Caulk	Reddish	None Detected
340-44	1	Entry 101	Window Caulk	Brownish	None Detected
340-45	2	Lunch Room 205	Window Caulk	Reddish	None Detected
340-46	1	Repair Garage 110 – West Closet	Window Caulk	Gray	None Detected
340-47	1	Repair Garage 110 – West Closet	Window Caulk	Gray	None Detected
340-48	1	Repair Garage 112 – South	Door Caulk	Reddish	None Detected
340-49	1	Parts Room 102	Door Caulk	Tan	None Detected
340-50	2	Women's 208	Door Caulk	Clear	None Detected
340-51	2	Office 203	Door Caulk	White	None Detected
340-52	1	Repair Garage 110 – West	Door Caulk	Gray	None Detected
340-53	1	Parts Room 102	Door Caulk	Gray	None Detected
340-54	2	Women's 208	Ceramic Baseboard Grout	White	None Detected
340-55	2	Women's 208	Ceramic Baseboard Adhesive	Tan	None Detected
340-56	2	Women's 208	Ceramic Floor Tile Grout	Gray	None Detected
340-57	2	Women's 208	Ceramic Floor Tile Adhesive	Gray	None Detected
340-58	1	Corridor 107	Reinforced Fiberglass Paneling	White	None Detected
340-59	1	Corridor 107	Reinforced Fiberglass Paneling Adhesive	Tan	None Detected
340-60	1	Corridor 107	Reinforced Fiberglass Paneling	White	None Detected

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ASBESTOS BULK SAMPLE LOG-IN

CLIENT:	City of Madison Engineering Division	**NORTHSTAR NO.**	190-340
LOCATION:	200 N. First Street Madison, WI 53704	**DATE COLLECTED:**	April 8, 2019
WORK AREA:	**Service Garage**	**TECH:**	Ethan Turriff

Sample ID	Level	Room / Area Info	Material	Description	Asbestos Content
340-61	1	Corridor 107	Reinforced Fiberglass Paneling Adhesive	Tan	None Detected
340-62	2	Men's 207	Terrazzo Shower Base	Gray	None Detected
340-63	2	Men's 207	Terrazzo Shower Base	Gray	None Detected
340-64	1	Repair Garage 110 – South Closet	Light Weight Concrete Ceiling Panel	Off-White	None Detected
340-65	1	Repair Garage 110 – West Closet	Light Weight Concrete Ceiling Panel	Off-White	None Detected
340-66	1	Storage Garage 111 – West	Metal Grid Window Glazing (type 2)	Tan	None Detected
340-67	2	Lunch Room 205	Fireproofing Caulk	Red	None Detected
340-68	2	Office 201	Wall Seam Caulk	White	None Detected
340-69	2	Storage – North Corridor	Ceiling Felt Underlayment (above metal ceiling)	Tan	None Detected
340-70	Ext	Exterior – East	Window Caulk	Black	None Detected
340-71	Ext	Exterior – South	Building Wall Seam Caulk	Gray	None Detected
340-72	Ext	Exterior – North	Building Wall Seam Caulk	Gray	None Detected
340-73	Ext	Exterior – South	Door Caulk	Reddish	None Detected
340-74	Ext	Exterior – East	Door Caulk	Reddish	None Detected
340-75	Ext	Exterior – South West	Door Caulk	Gray	None Detected
340-76	Ext	Exterior – South	Window Caulk	White	None Detected
340-77	Ext	Exterior – West	Window Caulk	Gray	None Detected
340-78	Ext	Exterior – South	Stucco	Tan	None Detected
340-79	Ext	Exterior – East	Stucco	Gray	None Detected
340-80	Ext	Exterior – West	Stucco	Gray	None Detected

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ASBESTOS BULK SAMPLE LOG-IN

CLIENT:	City of Madison	**Job NO.**	190-340
LOCATION:	200 N. First Street Madison, WI	**DATE COLLECTED:**	April 8, 2019
WORK AREA:	**Refueling Station**	**TECH:**	Ethan Turriff

Sample ID	Level	Room / Area Info	Material	Description	Asbestos Content
340a-1	1	Refueling Station	Window Glazing	Black	None Detected
340a-2	1	Refueling Station	Window Glazing	Black	None Detected
340a-3	1	Refueling Station	Drywall	Off-White	None Detected
340a-4	1	Refueling Station	Joint Compound	Off-White	None Detected
340a-5	1	Refueling Station	Drywall/Joint Compound Composite (if either are positive)	Off-White	None Detected
340a-6	1	Refueling Station – Restroom	Drywall	Off-White	None Detected
340a-7	1	Refueling Station – Restroom	Joint Compound	Off-White	None Detected
340a-8	1	Refueling Station – Restroom	Drywall/Joint Compound Composite (if either are positive)	Off-White	None Detected
340a-9	1	Refueling Station – Restroom	4” Vinyl Baseboard	Gray	None Detected
340a-10	1	Refueling Station – Restroom	Vinyl Baseboard Adhesive	Tan	None Detected
340a-11	1	Refueling Station – Restroom	4” Vinyl Baseboard	Gray	None Detected
340a-12	1	Refueling Station – Restroom	Vinyl Baseboard Adhesive	Tan	None Detected
340a-13	2	Refueling Station	Door Caulk	White	None Detected
340a-14	1	Refueling Station	Door Caulk	White	None Detected
340a-15	1	Refueling Station	Window Caulk	White	None Detected
340a-16	2	Refueling Station	Window Caulk	White	None Detected
340a-17	Ext	Exterior – South	Stucco	Tan	None Detected
340a-18	Ext	Exterior – East	Stucco	Gray	None Detected
340a-19	Ext	Exterior – North	Stucco	Gray	None Detected

Lab Info:	CEI Eurofins Labs, Inc.	**Date Analyzed:**	April 16, 2019	**Page:**	1 of 1

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ASBESTOS BULK SAMPLE LOG-IN

CLIENT:	City of Madison	**Job NO.**	190-340
LOCATION:	200 N. First Street Madison, WI	**DATE COLLECTED:**	April 8, 2019
WORK AREA:	**Police Evidence Building**	**TECH:**	Ethan Turriff

Sample ID	Level	Room / Area Info	Material	Description	Asbestos Content
340b-1	Ext	South East Out Building (Demolition)	Seam Caulk (on metal)	Gray	None Detected

Lab Info:	CEI Eurofins Labs, Inc.	**Date Analyzed:**	April 16, 2019	**Page:**	1 of 1

Appendix B **LEAD PAINT TESTING REPORT**

City of Madison Engineering Division

200 N. First Street
Madison, WI 53704

April 2019

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Asbestos • Lead Paint • Mold • Indoor Air Quality • Industrial Hygiene

April 19, 2019

City of Madison Engineering Division
c/o Brent Pauba
210 Martin Luther King Jr Blvd
Suite 115
Madison, WI 53703

Project:	Pre-Renovation – Lead Paint Inspection
Site Address:	200 N. First Street Madison, WI 53704
Work Area:	Throughout
Site Date:	April 9, 2019
NorthStar No:	190-340

NorthStar Environmental Testing, LLC (NorthStar) was authorized by Mr. Brent Pauba on behalf of the City of Madison Engineering Division to perform limited, non-destructive inspection for the presence of lead in paint on designated surfaces prior to potential disturbance by specific renovation activity.

Testing for lead based paint was conducted on representative surfaces within the commercial property. A surface-by-surface visual assessment of painted components was conducted at the property to determine which surfaces to test.

Inaccessible areas hidden from view or contained within or behind other building materials may contain additional areas of suspect lead-based paint. Any additional surfaces not specifically identified should be assumed to contain lead-based paint unless tested and proven otherwise.

TESTING SUMMARY (XRF):

Testing Date:	April 9, 2019
Building/Site:	200 N. First Street Madison, WI 53704
Building Contact:	Brent Pauba (City of Madison Engineering Division) Phone: 608.266.4092
Work Area:	Throughout
Materials Tested Pre-Renovation:	Representative painted building materials
Lead Paint for Renovation Items:	**Lead-based paint was identified within the renovation area. See summary next page.**
Visual Assessment:	**Deteriorated lead-based paint was identified within the renovation area. See summary next page.**
Sampling Tech:	Ethan Turriff
Cert No.:	LRA-238194
Lead Company:	HFS-925800 Expiration Date: 08/01/2019
Testing Equipment:	RMD LPA-1 XRF analyzer, Serial Number: 2766
Comment:	The building was occupied at the time of the inspection.

LEAD PAINT SUMMARY:

Testing for lead-based paint analyzes all layers of paint on a particular surface area simultaneously. The testing does not specifically identify which layer or color of paint contains lead. A positive testing location entails that some layer of paint on that particular surface contains lead in paint in excess or equal to 1.0 mg/cm².

Reading No	Wall	Structure	Location	Member	Paint Condition	Substrate	Color	Lead (mg/cm2)
Exterior 001 Service Garage								
414	A	Post	Rgt		Poor	Metal	Yellow	**2.6**
Interior Room 001 Lunch Room 205								
9	A	Wall	L Ctr		Intact	Cer Block	Tan	**1.5**
10	B	Wall	L Ctr		Intact	Cer Block	Tan	**1.2**
11	C	Wall	L Ctr		Intact	Cer Block	Tan	**2.4**
12	D	Wall	L Ctr		Intact	Cer Block	Tan	**1.7**
Interior Room 002 Locker Room 206								
25	A	Wall	L Ctr		Intact	Cer Block	Tan	**1.1**
26	B	Wall	L Lft		Intact	Cer Block	Tan	**1.8**
27	C	Wall	L Lft		Intact	Cer Block	Tan	**1.7**
28	D	Wall	L Rgt		Intact	Cer Block	Tan	**2**
Interior Room 003 Men's 207								
37	A	Wall	L Ctr		Intact	Cer Block	Tan	**1.2**
38	B	Wall	L Ctr		Intact	Cer Block	Tan	**1.4**
39	C	Wall	L Ctr		Intact	Cer Block	Tan	**2.1**
Interior Room 004 Women's 208								
49	A	Wall	L Ctr		Intact	Cer Block	Tan	**1.4**
50	C	Wall	L Ctr		Intact	Cer Block	Tan	**1.3**
51	D	Wall	L Ctr		Intact	Cer Block	Tan	**1.3**
Interior Room 007 Office 204								
75	C	Wall	L Ctr		Intact	Cer Block	Tan	**2.3**
Interior Room 008 Corridor 200-204								
84	A	Wall	L Ctr		Intact	Cer Block	Tan	**2.3**
85	B	Wall	L Ctr		Intact	Cer Block	Tan	**2.2**
86	C	Wall	L Ctr		Intact	Cer Block	Tan	**2.3**
Interior Room 011 North Stairwell								
101	A	Wall	L Ctr		Intact	Cer Block	Tan	**1.3**
102	B	Wall	L Ctr		Intact	Cer Block	Tan	**1.8**
103	C	Wall	L Ctr		Intact	Cer Block	Tan	**1.4**
104	D	Wall	L Ctr		Intact	Cer Block	Tan	**1.2**
Interior Room 015 Storage - South Corridor								
141	A	Door	Ctr	U Ctr	Poor	Wood	White	**1.6**
Interior Room 016 South Storage								
152	C	Door	Rgt	U Ctr	Poor	Wood	White	**1.4**
Interior Room 017 Entry 101								
157	A	Wall	L Ctr		Intact	Cer Block	Tan	**2**
158	B	Wall	L Ctr		Intact	Cer Block	Tan	**2.2**
159	C	Wall	L Ctr		Intact	Cer Block	Tan	**2.7**
160	D	Wall	L Ctr		Intact	Cer Block	Tan	**2.1**
Interior Room 021 South Stairwell								
204	B	Wall	L Ctr		Intact	Cer Block	Tan	**2.2**
205	D	Wall	L Ctr		Intact	Cer Block	Tan	**3**

Reading No	Wall	Structure	Location	Member	Paint Condition	Substrate	Color	Lead (mg/cm2)
Interior Room 022 Main Level - Men's Restroom								
215	A	Wall	L Ctr		Intact	Cer Block	Tan	**1.2**
216	B	Wall	L Ctr		Intact	Cer Block	Tan	**1.3**
217	C	Wall	L Ctr		Intact	Cer Block	Tan	**1.3**
218	D	Wall	L Ctr		Intact	Cer Block	Tan	**1.4**
Interior Room 028 Repair Garage 112								
304	B	Railing	Rgt	Railing	Poor	Metal	Yellow	**1.5**
305	C	Railing	Rgt	Railing	Poor	Metal	Yellow	**1.8**

* Wall A is the south side of the building. Walls B/C/D are determined clockwise from Wall A.

* All similar materials with the same paint history are to be categorized in the same manner. For example if a window sill on side A is positive for lead-based paint, then all similar window sills are assumed to contain lead-based paint.

DISCUSSION:

The testing performed was limited in scope and does not constitute a full lead paint inspection. Demolition activity beyond the anticipated work scope specified at the time of our site visit may require additional testing prior to disturbance.

The United States Federal Government through the Environmental Protection Agency (EPA) and Housing and Urban Development (HUD) defines lead-based paint as equal to or greater than 1.0 mg/cm^2 measured by XRF analysis, or 0.5% (5000 ppm) measured by weight through laboratory analysis. The State of Wisconsin has adopted the same definition of lead bearing paint (mainly for residential HUD applications) as that which is equal to or greater than 1.0 mg/cm^2 or 0.5% (5000 ppm) respectively.

Our non-destructive testing by x-ray fluorescence has been performed in an attempt to screen for areas with quantifiable lead above regulatory limits on painted substrates. The reportable limit of detection is essentially 1.0 mg/cm^2 by XRF analysis and therefore paint chip analysis would be recommended for a more accurate determination of lead in paint below this level or for results to rule out lead in any quantifiable amount. The testing equipment is calibrated against a known standard before and after actual substrate testing.

For worker exposure applications, lead in any quantifiable amount, and disturbance of the material creating dust and/or fumes and subsequent potential worker exposure would be regulated by the OSHA lead in construction standard (29 CFR 1926.62).

REMARKS:

The testing and subsequent report has been performed according to applicable regulations and generally accepted industry standards and practices in this locality under similar conditions. Information provided to us by the building owner/occupant, client or other interested party that may have been utilized in the performance and reporting of the testing was accepted in good faith and can only be assumed to be accurate. The findings and recommendations made are representative of our professional opinion based on currently available information; no other warranty is implied or intended.

Please contact us if you have any questions regarding the presented information or the project in general.

Submitted By,

NorthStar Environmental Testing, LLC.

Aaron Stroud
Operations Manager

Ethan Turriff
Project Superintendent

Attach: testing data

NORTHSTAR ENVIRONMENTAL TESTING, LLC
www.NorthStarTesting.com

LEAD PAINT XRF TESTING DATA

CLIENT:	City of Madison Engineering Division	NORTHSTAR NO.	190-340
LOCATION:	200 N. First Street Madison, WI 53704	SITE DATE:	April 9, 2019
WORK AREA:	Pre-Renovation	TECH:	Ethan Turriff

Reading No	Wall	Structure	Location	Member	Paint Condition	Substrate	Color	Lead (mg/cm2)
Interior Room 999 Pre-Calibration								
1								**1**
2								**1.1**
3								**1**
4								-0.1
Exterior 001 Service Garage								
409	A	Door	Rgt	Rgt casing	Intact	Metal	Gray	-0.3
410	A	Door	Rgt	U Ctr	Intact	Metal	Gray	0
411	A	Window	Rgt	Rgt casing	Intact	Metal	Red	-0.8
412	A	Wall	U Rgt		Intact	Stucco	Tan	-0.6
413	A	Wall	L Rgt		Intact	Stucco	Gray	-0.3
414	A	Post	Rgt		Poor	Metal	Yellow	**2.6**
415	A	OH Jamb	Rgt		Intact	Wood	Tan	-0.2
416	A	Wall Guard	Rgt		Intact	Metal	Gray	-0.4
417	A	OH Header	Rgt		Intact	Metal	Tan	-0.4
418	A	Wall	U Ctr		Intact	Stucco	Tan	-0.3
419	A	Wall	L Ctr		Intact	Stucco	Gray	-0.3
420	A	Post	Ctr		Poor	Metal	Yellow	-0.2
421	A	OH Jamb	Ctr		Intact	Wood	Tan	-0.3
422	A	Wall Guard	Ctr		Intact	Metal	Gray	-0.3
423	A	Door	Ctr	Rgt casing	Intact	Metal	Gray	-0.5
424	A	Door	Ctr	U Ctr	Intact	Metal	Gray	-0.5
425	A	Fl. Stripe	Ctr		Poor	Concrete	Yellow	-0.1
426	A	Wall	U Lft		Intact	Stucco	Tan	-0.6
427	A	Wall	L Lft		Intact	Stucco	Gray	-0.5
428	A	Window	Lft	Rgt casing	Intact	Metal	Red	-0.3
429	A	Door	Lft	Rgt casing	Intact	Metal	Red	-0.3
430	A	Door	Lft	U Ctr	Intact	Metal	Red	-0.3
431	B	Window	Rgt	Rgt casing	Intact	Metal	Red	-0.2
432	B	OH Jamb	Rgt		Intact	Wood	Tan	-0.2
433	B	Wall	U Rgt		Intact	Stucco	Tan	-0.3
434	B	Wall	L Rgt		Intact	Stucco	Gray	-0.8
435	B	Wall Guard	Rgt		Intact	Metal	Gray	-0.4
436	B	Door	Ctr	Rgt casing	Intact	Metal	Brown	-0.4
437	B	Door	Ctr	U Ctr	Intact	Metal	Brown	-0.2
438	B	Window	Ctr	Rgt casing	Intact	Metal	Brown	-0.4
439	C	Wall	U Rgt		Intact	Stucco	Tan	-0.6
440	C	Wall	L Rgt		Intact	Stucco	Gray	-0.3
441	C	Window	Rgt	Rgt casing	Intact	Metal	Red	-0.9
442	C	Door	Ctr	Rgt casing	Intact	Metal	Red	-0.4
443	C	Door	Ctr	U Ctr	Intact	Metal	Red	-0.2

* Wall A is the south side of the building. Walls B/C/D are determined clockwise from Wall A.

Reading No	Wall	Structure	Location	Member	Paint Condition	Substrate	Color	Lead (mg/cm2)
444	C	Window	Ctr	Rgt casing	Intact	Metal	Red	-0.4
445	C	Wall	U Ctr		Intact	Stucco	Tan	-0.7
446	C	Wall	L Ctr		Intact	Stucco	Gray	-0.4
447	C	OH Jamb	Lft		Intact	Wood	Tan	-0.6
448	C	Wall	U Lft		Intact	Stucco	Tan	-0.5
449	C	Wall	L Lft		Intact	Stucco	Gray	-0.5
450	C	Wall Guard	Lft		Intact	Metal	Gray	-0.2
451	D	Wall	U Rgt		Intact	Stucco	Tan	-0.7
452	D	Wall	L Rgt		Intact	Stucco	Gray	-0.9
453	D	Window	Rgt	Rgt casing	Intact	Metal	Red	-0.9
454	D	Door	Ctr	U Ctr	Intact	Metal	Brown	-0.3
455	D	Wall	U Lft		Intact	Stucco	Tan	-0.3
456	D	Wall	L Lft		Intact	Stucco	Gray	-0.4
457	D	Window	Lft	Rgt casing	Intact	Metal	Red	-0.5
Exterior 002 Refueling Station								
476	A	Wall	U Ctr		Intact	Stucco	Tan	-0.2
477	A	Wall	L Ctr		Intact	Stucco	Gray	-0.5
478	B	Wall	U Ctr		Intact	Stucco	Tan	-0.3
479	B	Wall	L Ctr		Intact	Stucco	Gray	-0.2
480	C	Wall	U Ctr		Intact	Stucco	Tan	-0.3
481	C	Wall	L Ctr		Intact	Stucco	Gray	-0.2
482	D	Wall	U Ctr		Intact	Stucco	Tan	-0.5
483	D	Wall	L Ctr		Intact	Stucco	Gray	-0.3
Exterior 003 Police Evidence Building								
484	A	Door	Ctr	U Ctr	Intact	Metal	Tan	-0.4
485	A	Wall	L Ctr		Intact	Metal	Tan	-0.1
486	B	Wall	L Lft		Intact	Metal	Tan	-0.6
487	B	Wall	L Ctr		Intact	Metal	Tan	-0.3
488	C	Wall	L Ctr		Intact	Metal	Tan	-0.4
489	D	Wall	L Ctr		Intact	Metal	Tan	-0.3
Interior Room 001 Lunch Room 205								
5	A	Wall	U Ctr		Intact	Con. Block	Tan	-0.2
6	B	Wall	U Ctr		Intact	Con. Block	Tan	-0.3
7	C	Wall	U Ctr		Intact	Con. Block	Tan	-0.1
8	D	Wall	U Ctr		Intact	Con. Block	Tan	-0.1
9	A	Wall	L Ctr		Intact	Cer Block	Tan	**1.5**
10	B	Wall	L Ctr		Intact	Cer Block	Tan	**1.2**
11	C	Wall	L Ctr		Intact	Cer Block	Tan	**2.4**
12	D	Wall	L Ctr		Intact	Cer Block	Tan	**1.7**
13	C	Rf. Truss	Ctr		Intact	Metal	Red	-0.4
14	A	Ceiling			Intact	Metal	Gray	-0.4
15	D	Door	Lft	Rgt casing	Intact	Metal	Blue	-0.3
16	D	Door	Lft	U Ctr	Intact	Wood	Blue	-0.4
17	A	Door	Rgt	U Ctr	Intact	Metal	Blue	-0.3
18	C	Window	Ctr	Rgt casing	Intact	Metal	Red	0.2
19	C	Window	Ctr	Sash	Intact	Metal	Red	-1
20	A	Wall	L Lft		Intact	Drywall	Tan	-0.3
Interior Room 002 Locker Room 206								
21	A	Wall	U Ctr		Intact	Con. Block	Tan	-0.3
22	B	Wall	U Ctr		Intact	Con. Block	Tan	-0.2
23	C	Wall	U Ctr		Intact	Con. Block	Tan	-0.4
24	D	Wall	U Rgt		Intact	Con. Block	Tan	-0.6

* Wall A is the south side of the building. Walls B/C/D are determined clockwise from Wall A.

Reading No	Wall	Structure	Location	Member	Paint Condition	Substrate	Color	Lead (mg/cm2)
25	A	Wall	L Ctr		Intact	Cer Block	Tan	**1.1**
26	B	Wall	L Lft		Intact	Cer Block	Tan	**1.8**
27	C	Wall	L Lft		Intact	Cer Block	Tan	**1.7**
28	D	Wall	L Rgt		Intact	Cer Block	Tan	**2**
29	D	Wall	L Lft		Intact	Drywall	Tan	0
30	D	Door	Ctr	Rgt casing	Intact	Metal	Blue	-0.5
31	D	Door	Ctr	U Ctr	Intact	Metal	Blue	-0.5
32	A	Bench	Ctr		Intact	Wood	Blue	0.2
33	A	Locker Door	Ctr		Intact	Metal	Blue	-0.3
Interior Room 003 Men's 207								
34	A	Wall	U Ctr		Intact	Con. Block	Tan	-0.1
35	B	Wall	U Ctr		Intact	Con. Block	Tan	-0.2
36	C	Wall	U Ctr		Intact	Con. Block	Tan	0
37	A	Wall	L Ctr		Intact	Cer Block	Tan	**1.2**
38	B	Wall	L Ctr		Intact	Cer Block	Tan	**1.4**
39	C	Wall	L Ctr		Intact	Cer Block	Tan	**2.1**
40	D	Wall	L Ctr		Intact	Drywall	Tan	-0.4
41	A	Floor			Intact	Cer Tile	Red	-0.4
42	D	Baseboard	Ctr		Intact	Cer Tile	Tan	-0.6
43	C	Door	Lft	Rgt casing	Intact	Metal	Blue	-0.4
44	C	Door	Lft	U Ctr	Intact	Wood	Blue	-0.5
45	D	Stall Door	Rgt		Intact	Metal	Blue	-0.3
Interior Room 004 Women's 208								
46	A	Wall	U Ctr		Intact	Con. Block	Tan	-0.1
47	C	Wall	U Ctr		Intact	Con. Block	Tan	-0.1
48	D	Wall	U Ctr		Intact	Con. Block	Tan	-0.2
49	A	Wall	L Ctr		Intact	Cer Block	Tan	**1.4**
50	C	Wall	L Ctr		Intact	Cer Block	Tan	**1.3**
51	D	Wall	L Ctr		Intact	Cer Block	Tan	**1.3**
52	B	Wall	L Ctr		Intact	Drywall	Tan	-0.3
53	A	Floor			Intact	Cer Tile	Red	-0.6
54	B	Baseboard	Ctr		Intact	Cer Tile	White	-0.8
55	C	Closet	Lft	Floor	Intact	Cer Tile	Gray	-0.6
56	C	Door	Rgt	Rgt casing	Intact	Metal	Blue	-0.4
57	C	Door	Rgt	U Ctr	Intact	Wood	Blue	-0.6
58	A	Stall Door	Rgt		Intact	Metal	Blue	-0.3
Interior Room 005 Conference 202								
59	A	Wall	L Ctr		Intact	Drywall	Tan	-0.3
60	B	Wall	L Ctr		Intact	Drywall	Tan	-0.3
61	C	Wall	L Ctr		Intact	Drywall	Tan	-0.7
62	D	Wall	L Ctr		Intact	Drywall	Tan	-0.2
63	B	Door	Lft	Rgt casing	Intact	Metal	Blue	-0.3
64	B	Door	Lft	U Ctr	Intact	Wood	Varnish	-0.6
Interior Room 006 Office 203								
65	A	Wall	L Ctr		Intact	Drywall	Tan	-0.3
66	B	Wall	L Ctr		Intact	Drywall	Tan	-0.2
67	C	Wall	L Ctr		Intact	Drywall	Tan	-0.2
68	D	Wall	L Ctr		Intact	Drywall	Tan	-0.2
69	B	Door	Lft	Rgt casing	Intact	Metal	Blue	-0.3
70	B	Door	Lft	U Ctr	Intact	Wood	Varnish	-0.5
Interior Room 007 Office 204								
71	A	Wall	L Ctr		Intact	Drywall	Tan	-0.2

* Wall A is the south side of the building. Walls B/C/D are determined clockwise from Wall A.

Reading No	Wall	Structure	Location	Member	Paint Condition	Substrate	Color	Lead (mg/cm2)
72	B	Wall	L Ctr		Intact	Drywall	Tan	-0.5
73	D	Wall	L Ctr		Intact	Drywall	Tan	-0.3
74	C	Wall	U Ctr		Intact	Con. Block	Tan	-0.5
75	C	Wall	L Ctr		Intact	Cer Block	Tan	**2.3**
76	A	Rf. Truss	Ctr		Intact	Metal	Red	-0.7
77	C	Window	Ctr	Rgt casing	Intact	Metal	Red	0.1
78	C	Window	Ctr	Sash	Intact	Metal	Red	-0.7
79	B	Door	Lft	Rgt casing	Intact	Metal	Blue	-0.2
80	B	Door	Lft	U Ctr	Intact	Wood	Varnish	-0.3
Interior Room 008 Corridor 200-204								
81	A	Wall	U Ctr		Intact	Con. Block	Tan	-0.2
82	B	Wall	U Ctr		Intact	Con. Block	Tan	-0.1
83	C	Wall	U Ctr		Intact	Con. Block	Tan	-0.1
84	A	Wall	L Ctr		Intact	Cer Block	Tan	**2.3**
85	B	Wall	L Ctr		Intact	Cer Block	Tan	**2.2**
86	C	Wall	L Ctr		Intact	Cer Block	Tan	**2.3**
87	D	Wall	L Ctr		Intact	Drywall	Tan	-0.2
88	B	Door	Rgt	Rgt casing	Intact	Metal	Blue	-0.1
89	B	Door	Rgt	U Ctr	Intact	Metal	Blue	-0.5
Interior Room 009 Office 201								
90	A	Wall	L Ctr		Intact	Drywall	Tan	-0.2
91	C	Wall	L Ctr		Intact	Drywall	Tan	-0.4
92	D	Wall	L Ctr		Intact	Drywall	Tan	-0.1
Interior Room 010 Office 200								
93	A	Wall	L Ctr		Intact	Drywall	Tan	-0.4
94	B	Wall	L Ctr		Intact	Drywall	Tan	-0.2
95	C	Wall	L Ctr		Intact	Drywall	Tan	0
96	D	Wall	L Ctr		Intact	Drywall	Tan	-0.3
Interior Room 011 North Stairwell								
97	A	Wall	U Ctr		Intact	Con. Block	Tan	-0.1
98	B	Wall	U Ctr		Intact	Con. Block	Tan	-0.6
99	C	Wall	U Ctr		Intact	Con. Block	Tan	-0.3
100	D	Wall	U Ctr		Intact	Con. Block	Tan	-0.3
101	A	Wall	L Ctr		Intact	Cer Block	Tan	**1.3**
102	B	Wall	L Ctr		Intact	Cer Block	Tan	**1.8**
103	C	Wall	L Ctr		Intact	Cer Block	Tan	**1.4**
104	D	Wall	L Ctr		Intact	Cer Block	Tan	**1.2**
105	A	Stairs	Ctr	Risers	Poor	Concrete	Gray	-0.3
106	A	Stairs	Ctr	Treads	Poor	Concrete	Gray	-0.3
107	B	Stairs	Ctr	Stringer	Poor	Concrete	Gray	-0.1
108	B	Railing	Ctr	Railing	Poor	Metal	Gray	-0.3
109	C	Ceiling			Intact	Plaster	White	-0.4
110	C	Window	Ctr	Rgt casing	Intact	Metal	Red	0.6
111	C	Window	Ctr	Sash	Intact	Metal	Red	-0.8
112	B	Door	Rgt	Rgt casing	Intact	Metal	Blue	-0.2
113	B	Door	Rgt	U Ctr	Intact	Metal	Blue	-0.5
Interior Room 012 Storage - North Corridor								
114	A	Wall	L Ctr		Intact	Drywall	White	-0.2
115	C	Wall	L Ctr		Intact	Cer Block	White	-0.6
116	D	Wall	L Lft		Intact	Drywall	White	-0.2
117	D	Door	Lft	Rgt casing	Intact	Metal	Gray	-0.1
118	D	Door	Lft	U Ctr	Intact	Metal	Gray	-0.5

* Wall A is the south side of the building. Walls B/C/D are determined clockwise from Wall A.

Reading No	Wall	Structure	Location	Member	Paint Condition	Substrate	Color	Lead (mg/cm2)
119	A	Door	Ctr	Rgt casing	Intact	Wood	Varnish	-0.2
120	A	Door	Ctr	U Ctr	Intact	Wood	Varnish	-0.5
121	C	Door	Rgt	Rgt casing	Intact	Metal	Blue	-0.3
122	C	Door	Rgt	U Ctr	Intact	Metal	Blue	-0.6
123	B	Horiz. Beam	Ctr		Poor	Metal	Gray	-0.2
124	A	Rf. Truss	Ctr		Intact	Metal	Gray	-0.4
125	A	Ceiling			Intact	Metal	Gray	-0.2
Interior Room 013 East Storage								
126	A	Wall	L Ctr		Intact	Con. Block	White	-0.2
127	B	Wall	L Lft		Intact	Drywall	White	-0.3
128	C	Wall	L Ctr		Intact	Drywall	White	-0.3
129	A	Floor			Intact	Concrete	Gray	-0.8
130	D	Horiz. Beam	Ctr		Intact	Metal	Gray	-0.1
131	D	Vert. Beam	Ctr		Intact	Metal	White	-0.4
132	D	Railing	Ctr	Railing	Intact	Metal	White	-0.3
133	D	Railing	Ctr	Railing	Intact	Wood	White	-0.2
Interior Room 014 Parts Library								
134	C	Wall	L Rgt		Intact	Wood	White	-0.1
135	B	Horiz. Beam	Ctr		Intact	Metal	Gray	-0.1
136	C	Door	Ctr	U Ctr	Intact	Wood	Varnish	-0.2
Interior Room 015 Storage - South Corridor								
137	A	Wall	L Lft		Intact	Con. Block	White	-0.3
138	A	Wall	L Rgt		Intact	Drywall	White	-0.5
139	C	Wall	L Ctr		Intact	Drywall	White	-0.3
140	A	Door	Ctr	Rgt casing	Intact	Wood	White	0
141	A	Door	Ctr	U Ctr	Poor	Wood	White	**1.6**
142	C	Door	Ctr	Rgt casing	Intact	Wood	Varnish	-0.5
143	C	Door	Ctr	U Ctr	Intact	Wood	Varnish	-0.3
144	B	Horiz. Beam	Ctr		Intact	Metal	Gray	-0.2
145	B	Railing	Ctr	Railing	Intact	Wood	White	-0.2
146	B	Toe Kick	Ctr		Intact	Wood	White	-0.3
147	A	Rf. Truss	Ctr		Intact	Metal	Gray	-0.5
Interior Room 016 South Storage								
148	C	Rf. Truss	Ctr		Intact	Metal	Gray	-0.3
149	B	Horiz. Beam	Ctr		Intact	Metal	Gray	-0.2
150	B	Vert. Beam	Rgt		Intact	Metal	Gray	-0.3
151	C	Door	Rgt	Rgt casing	Intact	Wood	White	-0.1
152	C	Door	Rgt	U Ctr	Poor	Wood	White	**1.4**
Interior Room 017 Entry 101								
153	A	Wall	U Ctr		Intact	Con. Block	Tan	-0.1
154	B	Wall	U Ctr		Intact	Con. Block	White	-0.4
155	C	Wall	U Ctr		Intact	Con. Block	White	-0.4
156	D	Wall	U Ctr		Intact	Con. Block	White	-0.5
157	A	Wall	L Ctr		Intact	Cer Block	Tan	**2**
158	B	Wall	L Ctr		Intact	Cer Block	Tan	**2.2**
159	C	Wall	L Ctr		Intact	Cer Block	Tan	**2.7**
160	D	Wall	L Ctr		Intact	Cer Block	Tan	**2.1**
161	C	Window	Ctr	Rgt casing	Intact	Metal	Red	0.3
162	C	Window	Ctr	Sash	Intact	Metal	Red	-0.6
163	B	Door	Rgt	Rgt casing	Intact	Metal	Red	-0.1
164	B	Door	Rgt	U Ctr	Intact	Wood	Red	-0.4
165	A	Ceiling			Intact	Plaster	White	0

* Wall A is the south side of the building. Walls B/C/D are determined clockwise from Wall A.

Reading No	Wall	Structure	Location	Member	Paint Condition	Substrate	Color	Lead (mg/cm2)
166	A	Floor			Intact	Concrete	Gray	-0.6
Interior Room 018 Parts Room 102								
167	A	Wall	L Lft		Intact	Drywall	Tan	-0.3
168	A	Wall	L Rgt		Intact	Con. Block	Tan	-0.3
169	B	Wall	L Lft		Intact	Con. Block	White	-0.2
170	C	Wall	L Ctr		Intact	Drywall	Tan	-0.3
171	C	Wall	L Rgt		Intact	Con. Block	Tan	-0.3
172	D	Wall	L Ctr		Intact	Drywall	Tan	-0.1
173	D	Wall	L Rgt		Intact	Con. Block	Tan	-0.4
174	A	Ceiling			Intact	Plaster	Tan	-0.4
175	C	Floor			Intact	Concrete	Gray	-0.6
176	A	Floor			Intact	Concrete	Tan	-0.3
177	D	Floor			Intact	Concrete	Red	0
178	B	Door	Ctr	Rgt casing	Intact	Wood	Gray	-0.1
179	B	Door	Ctr	U Ctr	Intact	Wood	Gray	-0.1
180	B	Door	Lft	Rgt casing	Intact	Wood	Blue	-0.3
181	B	Door	Lft	U Ctr	Intact	Wood	Blue	-0.6
182	A	Door	Ctr	Rgt casing	Intact	Wood	Varnish	-0.5
183	A	Door	Ctr	U Ctr	Intact	Wood	Varnish	-0.2
184	A	Vanity	Ctr		Intact	Wood	Tan	-0.2
185	A	Window	Ctr	Rgt casing	Intact	Wood	Blue	-0.2
Interior Room 019 Office 103								
186	A	Wall	L Ctr		Intact	Drywall	Tan	0
187	B	Wall	L Lft		Intact	Drywall	Tan	-0.2
188	B	Wall	L Rgt		Intact	Con. Block	Tan	-0.2
189	C	Wall	L Ctr		Intact	Concrete	Tan	-0.2
190	D	Wall	L Ctr		Intact	Con. Block	Tan	-0.3
191	C	Window	Ctr	Rgt casing	Intact	Metal	Red	-0.3
192	C	Window	Ctr	Sash	Intact	Metal	Red	-0.3
193	D	Door	Lft	Rgt casing	Intact	Metal	Red	-0.5
194	D	Door	Lft	U Ctr	Intact	Metal	Red	-0.4
Interior Room 020 Office 106								
195	A	Wall	L Ctr		Intact	Drywall	Tan	-0.2
196	B	Wall	L Ctr		Intact	Drywall	Tan	-0.1
197	C	Wall	L Ctr		Intact	Con. Block	Tan	-0.2
198	D	Wall	L Ctr		Intact	Con. Block	Tan	-0.3
199	B	Door	Lft	Rgt casing	Intact	Metal	Gray	-0.1
200	B	Door	Lft	U Ctr	Intact	Metal	Blue	-0.3
201	B	Window	Rgt	Rgt casing	Intact	Metal	Blue	-0.2
Interior Room 021 South Stairwell								
202	B	Wall	U Ctr		Intact	Con. Block	Tan	-0.3
203	D	Wall	U Ctr		Intact	Con. Block	Tan	0
204	B	Wall	L Ctr		Intact	Cer Block	Tan	**2.2**
205	D	Wall	L Ctr		Intact	Cer Block	Tan	**3**
206	A	Ceiling			Intact	Plaster	Tan	-0.4
207	A	Stairs	Ctr	Risers	Poor	Metal	Gray	-0.3
208	A	Stairs	Ctr	Treads	Poor	Metal	Gray	-0.2
209	B	Stairs	Ctr	Stringer	Poor	Metal	Gray	-0.4
210	B	Railing	Ctr	Railing	Poor	Metal	Blue	-0.2
Interior Room 022 Main Level - Men's Restroom								
211	A	Wall	U Ctr		Intact	Con. Block	White	-0.2
212	B	Wall	U Ctr		Intact	Con. Block	White	-0.3

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Reading No	Wall	Structure	Location	Member	Paint Condition	Substrate	Color	Lead (mg/cm2)
213	C	Wall	U Ctr		Intact	Con. Block	White	-0.7
214	D	Wall	U Ctr		Intact	Con. Block	White	-0.4
215	A	Wall	L Ctr		Intact	Cer Block	Tan	**1.2**
216	B	Wall	L Ctr		Intact	Cer Block	Tan	**1.3**
217	C	Wall	L Ctr		Intact	Cer Block	Tan	**1.3**
218	D	Wall	L Ctr		Intact	Cer Block	Tan	**1.4**
219	A	Ceiling			Intact	Plaster	Tan	-0.3
220	A	Floor			Intact	Cer Tile	Red	-0.4
221	C	Stall Door	Rgt		Intact	Metal	White	-0.2
222	A	Door	Lft	Rgt casing	Intact	Metal	Blue	-0.5
223	A	Door	Lft	U Ctr	Intact	Metal	Blue	-0.1
Interior Room 023 Utility Room 105								
224	A	Wall	U Ctr		Intact	Con. Block	White	-0.3
225	B	Wall	U Ctr		Intact	Con. Block	White	-0.1
226	C	Wall	U Ctr		Intact	Con. Block	White	-0.5
227	D	Wall	U Ctr		Intact	Con. Block	White	-0.2
228	A	Ceiling			Intact	Plaster	Tan	0
229	A	Floor			Intact	Concrete	Gray	-0.6
230	A	Door	Lft	Rgt casing	Intact	Metal	White	-0.3
231	A	Door	Lft	U Ctr	Intact	Metal	Blue	-0.1
232	A	Pipe	Ctr		Poor	Metal	White	-0.4
Interior Room 024 Corridor 107								
233	A	Wall	L Ctr		Intact	Drywall	Tan	-0.4
234	B	Wall	U Ctr		Intact	Con. Block	White	-0.2
235	C	Wall	U Ctr		Intact	Con. Block	White	-0.4
236	D	Wall	U Lft		Intact	Con. Block	White	-0.1
237	B	Wall	L Ctr		Intact	Con. Block	Blue	0.2
238	C	Wall	L Ctr		Intact	Con. Block	Blue	-0.5
239	D	Wall	L Lft		Intact	Con. Block	Blue	-0.4
240	A	Ceiling			Intact	Plaster	Tan	-0.4
241	A	Baseboard	Ctr		Intact	Wood	White	-0.2
242	A	Floor			Poor	Concrete	Gray	-0.3
243	A	Pipe	Ctr		Intact	Metal	White	-0.2
244	C	Door	Ctr	Rgt casing	Intact	Metal	Blue	-0.1
245	C	Door	Ctr	U Ctr	Intact	Wood	Blue	-0.3
Interior Room 025 Tire Storage 108								
246	A	Ceiling			Intact	Plaster	Tan	-0.4
Interior Room 026 Machine Shop 106								
247	A	Wall	U Ctr		Intact	Con. Block	White	-0.2
248	B	Column	Lft		Intact	Con. Block	White	0.2
249	A	Ceiling			Intact	Plaster	Tan	-0.6
250	C	Floor			Poor	Concrete	Red	-0.5
251	B	Floor			Poor	Concrete	Gray	-0.3
252	B	Fl. Stripe	Lft		Intact	Concrete	Yellow	-0.4
253	C	Fl. Stripe	Ctr		Poor	Concrete	Yellow	-0.3
254	D	Fl. Stripe	Lft		Poor	Concrete	Yellow	-0.2
255	D	Column	Rgt		Intact	Con. Block	White	-0.2
Interior Room 027 Blacksmith Shop 109								
256	A	Wall	U Ctr		Intact	Con. Block	White	-0.1
257	B	Wall	U Ctr		Intact	Con. Block	White	-0.3
258	C	Wall	U Ctr		Intact	Con. Block	White	-0.5
259	D	Wall	U Ctr		Intact	Con. Block	White	-0.6

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Reading No	Wall	Structure	Location	Member	Paint Condition	Substrate	Color	Lead (mg/cm2)
260	D	Door	Rgt	Rgt casing	Intact	Metal	White	-0.3
261	D	Door	Rgt	U Ctr	Intact	Metal	White	-0.3
262	D	OH Jamb	Ctr		Intact	Metal	White	-0.2
263	D	Vert. Beam	Ctr		Intact	Metal	White	-0.3
Interior Room 028 Repair Garage 112								
264	A	Wall	L Lft		Intact	Con. Block	White	-0.2
265	A	Wall	L Rgt		Intact	Con. Block	White	-0.3
266	B	Wall	L Lft		Intact	Con. Block	White	-0.2
267	B	Wall	L Ctr		Intact	Drywall	White	-0.6
268	B	Column	Ctr		Intact	Con. Block	White	-0.6
269	B	Wall	U Rgt		Intact	Con. Block	White	-0.1
270	B	Wall	L Rgt		Intact	Concrete	White	-0.3
271	C	Wall	U Lft		Intact	Con. Block	White	-0.2
272	C	Wall	L Lft		Intact	Concrete	White	-0.3
273	C	Wall	U Rgt		Intact	Con. Block	White	-0.4
274	C	Wall	L Rgt		Intact	Concrete	White	-0.2
275	D	Wall	U Lft		Intact	Con. Block	White	-0.4
276	D	Wall	L Lft		Intact	Concrete	White	-0.1
277	D	Wall	L Ctr		Intact	Concrete	White	-0.3
278	D	Wall	L Rgt		Intact	Concrete	White	-0.1
287	A	Floor			Intact	Concrete	Gray	-0.3
288	B	Floor			Intact	Concrete	Gray	-0.1
289	C	Floor			Intact	Concrete	Gray	-0.4
290	C	Fl. Stripe	Ctr		Intact	Concrete	Yellow	-0.1
291	B	Fl. Stripe	Ctr		Intact	Concrete	Yellow	-0.3
292	A	Fl. Stripe	Ctr		Intact	Concrete	Yellow	-0.3
293	D	Fl. Stripe	Ctr		Intact	Concrete	Yellow	-0.1
294	D	Door	Ctr	Rgt casing	Intact	Metal	Brown	-0.1
295	D	Door	Ctr	U Ctr	Intact	Metal	Brown	-0.1
296	D	Vert. Beam	Ctr		Intact	Metal	Gray	-0.2
297	D	Horiz. Beam	Ctr		Intact	Metal	Gray	-0.2
298	A	Rf. Truss	Ctr		Intact	Metal	Gray	-0.5
299	C	Rf. Truss	Ctr		Intact	Metal	Gray	-0.3
300	D	Window	Lft	Sash	Intact	Metal	Red	-0.8
301	D	Window	Rgt	Sash	Intact	Metal	Red	-0.3
302	A	Ceiling			Intact	Metal	Gray	-0.4
303	B	Vert. Beam	Rgt		Intact	Metal	White	-0.4
304	B	Railing	Rgt	Railing	Poor	Metal	Yellow	**1.5**
305	C	Railing	Rgt	Railing	Poor	Metal	Yellow	**1.8**
306	B	Door	Rgt	Rgt casing	Intact	Metal	White	-0.3
307	B	Door	Rgt	U Ctr	Intact	Metal	White	-0.4
308	B	Door	Ctr	Rgt casing	Intact	Metal	Blue	-0.4
309	B	Door	Ctr	U Ctr	Intact	Metal	Blue	-0.3
310	B	Window	Ctr	Rgt casing	Intact	Metal	Blue	-0.2
311	B	Fence	Lft		Intact	Metal	White	-0.4
312	B	Door	Lft	Rgt casing	Intact	Metal	Gray	-0.2
313	B	Door	Lft	U Ctr	Intact	Metal	Gray	-0.2
314	A	OH Case	Ctr		Poor	Wood	White	0.2
315	A	Partition	Lft		Intact	Con. Block	White	-0.2
316	A	Door	Lft	Rgt casing	Intact	Metal	Red	-0.3
317	A	Door	Lft	U Ctr	Intact	Metal	Red	-0.3
318	A	Window	Lft	Rgt casing	Intact	Metal	White	-0.2

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Reading No	Wall	Structure	Location	Member	Paint Condition	Substrate	Color	Lead (mg/cm2)
319	C	Rf. Truss	Ctr		Intact	Metal	Gray	-0.5
320	B	OH Door	Lft		Intact	Metal	White	-0.5
Interior Room 029 Storage Garage 111								
321	A	Wall	U Lft		Intact	Con. Block	White	-0.3
322	A	Wall	L Lft		Intact	Con. Block	Blue	-0.2
323	A	Wall	L Rgt		Intact	Con. Block	White	-0.3
324	B	Wall	U Lft		Intact	Con. Block	White	-0.1
325	B	Wall	L Lft		Intact	Concrete	White	-0.3
326	B	Wall	L Ctr		Intact	Concrete	White	-0.4
327	B	Wall	U Rgt		Intact	Con. Block	White	-0.2
328	B	Wall	L Rgt		Intact	Concrete	White	-0.3
329	C	Wall	U Lft		Intact	Con. Block	White	0.1
330	C	Wall	L Lft		Intact	Concrete	White	-0.4
331	C	Wall	U Rgt		Intact	Con. Block	White	-0.1
332	C	Wall	L Rgt		Intact	Concrete	White	-0.4
333	D	Wall	U Lft		Intact	Plaster	White	-0.7
334	D	Wall	L Lft		Intact	Con. Block	White	-0.3
335	D	Wall	L Ctr		Intact	Drywall	White	-0.4
336	D	Wall	U Rgt		Intact	Con. Block	White	-0.3
337	D	Wall	L Rgt		Intact	Con. Block	Blue	-0.2
338	D	Ceiling			Intact	Plaster	White	-0.5
339	A	Ceiling			Intact	Metal	Gray	-0.3
340	A	Rf. Truss	Ctr		Intact	Metal	Gray	-0.5
341	C	Rf. Truss	Ctr		Intact	Metal	Gray	-0.3
342	A	Floor			Intact	Concrete	Gray	-0.6
343	C	Floor			Intact	Concrete	Gray	-0.2
344	A	Fl. Stripe	Ctr		Intact	Concrete	Yellow	-0.4
345	D	Fl. Stripe	Ctr		Intact	Concrete	Yellow	-0.5
346	B	Fl. Stripe	Ctr		Intact	Concrete	Yellow	-0.5
347	D	Wall	U Ctr		Intact	Drywall	White	-0.1
348	B	Vert. Beam	Rgt		Intact	Metal	White	-0.4
349	C	Horiz. Beam	Ctr		Intact	Metal	White	-0.1
350	C	Window	Lft	Sash	Intact	Metal	Red	-0.5
351	C	OH Case	Ctr		Intact	Wood	White	-0.2
352	C	Window	Rgt	Rgt casing	Intact	Metal	Red	-0.1
353	D	Door	Lft	Rgt casing	Intact	Wood	White	-0.2
354	D	Door	Lft	U Ctr	Intact	Wood	White	0.3
355	D	Door	Ctr	Rgt casing	Intact	Wood	Blue	-0.2
356	D	Door	Ctr	U Ctr	Intact	Wood	Blue	-0.2
357	D	Column	Rgt		Intact	Cer Block	White	-0.3
358	D	Column	Rgt		Intact	Cer Block	Blue	-0.5
359	D	Shelf Sup	Rgt		Intact	Wood	Orange	-0.1
360	A	OH Case	Ctr		Intact	Wood	White	-0.4
361	B	Window	Ctr	Sash	Intact	Metal	Gray	-0.1
362	B	Window	Ctr	Header	Intact	Metal	White	-0.1
Interior Room 030 Repair Garage 110								
363	A	Wall	U Ctr		Intact	Con. Block	White	-0.1
364	B	Wall	U Ctr		Intact	Con. Block	White	-0.5
365	C	Wall	U Ctr		Intact	Con. Block	White	-0.2
366	C	Wall	L Ctr		Intact	Concrete	White	0.1
367	D	Wall	L Lft		Intact	Concrete	White	-0.3
368	D	Wall	L Rgt		Intact	Concrete	White	-0.3

* Wall A is the south side of the building. Walls B/C/D are determined clockwise from Wall A.

Reading No	Wall	Structure	Location	Member	Paint Condition	Substrate	Color	Lead (mg/cm2)
369	A	Ceiling			Intact	Metal	Gray	-0.2
370	A	Rf. Truss	Ctr		Intact	Metal	Red	-0.4
371	C	Rf. Truss	Ctr		Intact	Metal	Red	-0.6
372	A	Floor			Intact	Concrete	Gray	-0.3
373	C	Floor			Intact	Concrete	Gray	-0.3
379	C	Window	Ctr	Sash	Intact	Metal	Red	-0.8
380	C	Window	Ctr	Rgt casing	Intact	Metal	Red	-0.4
381	B	Door	Rgt	Rgt casing	Intact	Metal	White	0.1
382	B	Door	Rgt	Lft jamb	Intact	Metal	Gray	-0.4
383	B	Door	Rgt	U Ctr	Intact	Metal	Tan	-0.6
384	B	Door	Rgt	U Ctr	Intact	Wood	Varnish	-0.4
385	D	Door	Ctr	Rgt casing	Intact	Metal	Gray	-0.2
386	D	Door	Ctr	U Ctr	Intact	Wood	Gray	-0.2
387	D	Window	Ctr	Sash	Poor	Metal	Gray	-0.1
388	A	Door	Ctr	Rgt casing	Intact	Metal	Red	-0.2
389	A	Door	Ctr	U Ctr	Intact	Metal	Red	-0.4
390	A	Fl. Stripe	Ctr		Intact	Concrete	Yellow	-0.2
391	B	Fl. Stripe	Ctr		Intact	Concrete	Yellow	-0.3
392	D	Fl. Stripe	Ctr		Intact	Concrete	Yellow	-0.3
393	C	Wall	U Lft		Intact	Metal	Green	-0.3
394	C	Wall	L Lft		Intact	Metal	White	-0.4
399	B	Door	Lft	Rgt casing	Intact	Metal	White	0.1
400	B	Door	Lft	U Ctr	Intact	Metal	Tan	-0.2
401	B	Ceiling			Intact	Concrete	White	-0.4
407	B	Door	Ctr	Rgt casing	Intact	Metal	Red	-0.4
408	B	Door	Ctr	U Ctr	Intact	Metal	Red	-0.3
Interior Room 031 Repair Garage 110 - South Closet								
374	C	Wall	U Ctr		Intact	Con. Block	White	-0.4
375	C	Wall	L Ctr		Intact	Con. Block	Blue	-0.6
376	A	Floor			Poor	Concrete	Gray	-0.5
377	A	Ceiling			Intact	Concrete	White	-0.4
Interior Room 032 Repair Garage 110 - North Closet								
378	B	Shelf Sup	Lft		Intact	Wood	Gray	-0.2
Interior Room 033 Repair Garage 110 - Paint Booth								
395	A	Wall	L Ctr		Intact	Metal	White	-0.4
396	B	Wall	L Ctr		Intact	Metal	White	-0.4
397	C	Wall	L Ctr		Intact	Metal	White	-0.2
398	D	Wall	L Ctr		Intact	Metal	White	-0.5
Interior Room 034 Repair Garage 110 - West Closet								
402	B	Wall	U Ctr		Intact	Con. Block	White	-0.2
403	B	Wall	L Ctr		Intact	Con. Block	Blue	-0.2
404	B	Ceiling			Intact	Concrete	White	-0.5
405	B	Window	Ctr	Sash	Intact	Metal	Gray	-0.3
406	A	Shelf Sup	Ctr		Intact	Wood	Orange	0
Interior Room 035 Fleet Services Building								
458	A	Wall	L Ctr		Intact	Con. Block	White	-0.5
459	B	Wall	L Ctr		Intact	Con. Block	White	-0.6
460	C	Wall	L Ctr		Intact	Con. Block	White	-0.3
461	D	Wall	L Ctr		Intact	Con. Block	White	-0.4
462	A	Ceiling			Intact	Drywall	White	-0.2
463	D	Window	Ctr	Rgt casing	Intact	Metal	Gray	-0.1
464	D	Door	Rgt	Rgt casing	Intact	Metal	Gray	-0.2

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Reading No	Wall	Structure	Location	Member	Paint Condition	Substrate	Color	Lead (mg/cm2)
465	D	Door	Rgt	U Ctr	Intact	Metal	Gray	-0.1
466	A	Floor			Intact	Concrete	Gray	-0.7
467	C	Door	Rgt	Rgt casing	Intact	Metal	Red	-0.5
468	C	Door	Rgt	U Ctr	Intact	Metal	Red	-0.3
Interior Room 036 Fleet Services Building - Restroom								
469	A	Wall	L Ctr		Intact	Drywall	White	-0.3
470	B	Wall	L Ctr		Intact	Drywall	White	-0.2
471	C	Wall	L Ctr		Intact	Drywall	White	-0.6
472	D	Wall	L Ctr		Intact	Drywall	White	-0.7
473	A	Ceiling			Intact	Drywall	White	-0.4
474	D	Door	Ctr	Rgt casing	Intact	Metal	Red	-0.3
475	D	Door	Ctr	U Ctr	Intact	Metal	Red	-0.4
Interior Room 999 Calibration (Post-Morning)								
279								**1.1**
280								**1.2**
281								**1.1**
282								-0.1
Interior Room 999 Calibration (Pre-Afternoon)								
283								**1**
284								**1.1**
285								**1.1**
286								0
Interior Room 999 Calibration (Post-Afternoon)								
490								**1**
491								**1**
492								**1**
493								-0.1

- The State of Wisconsin defines lead bearing paint as that which is equal to or greater than 1.0 mg/cm$^{2.}$
- Readings with a negative value (i.e. -0.1) are equivalent to 0.0

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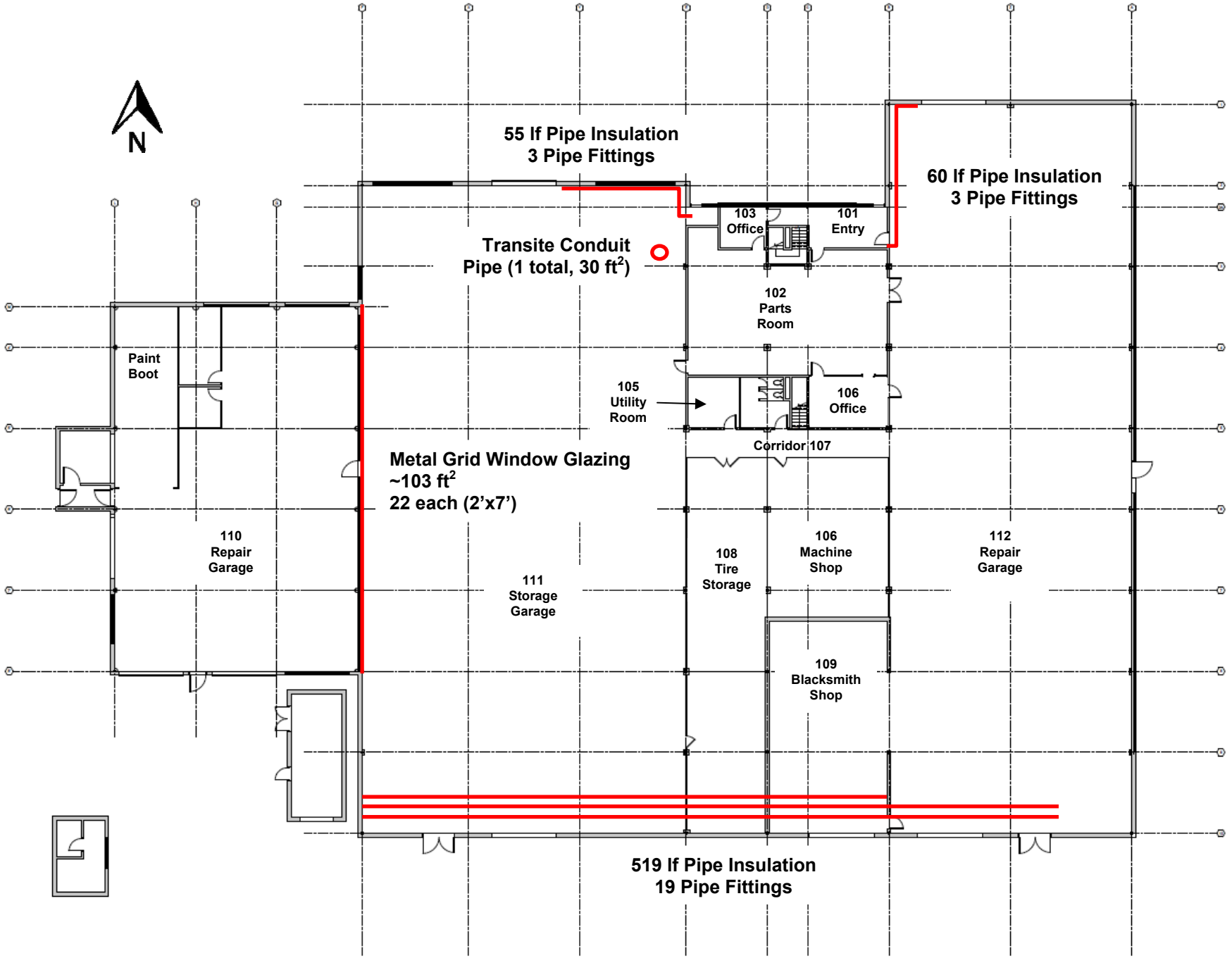
Appendix C ASBESTOS/LEAD MATERIAL LOCATIONS

City of Madison Engineering Division

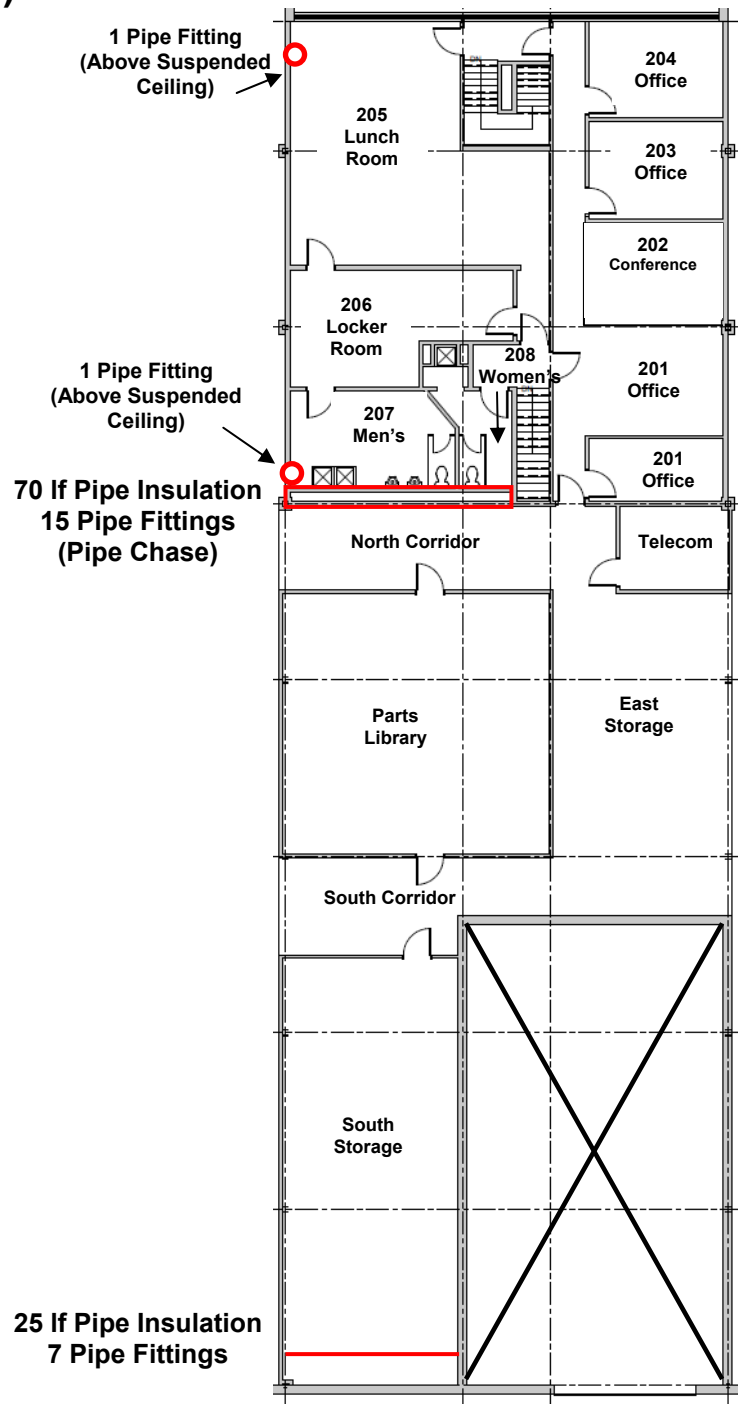
200 N. First Street
Madison, WI 53704

April 2019

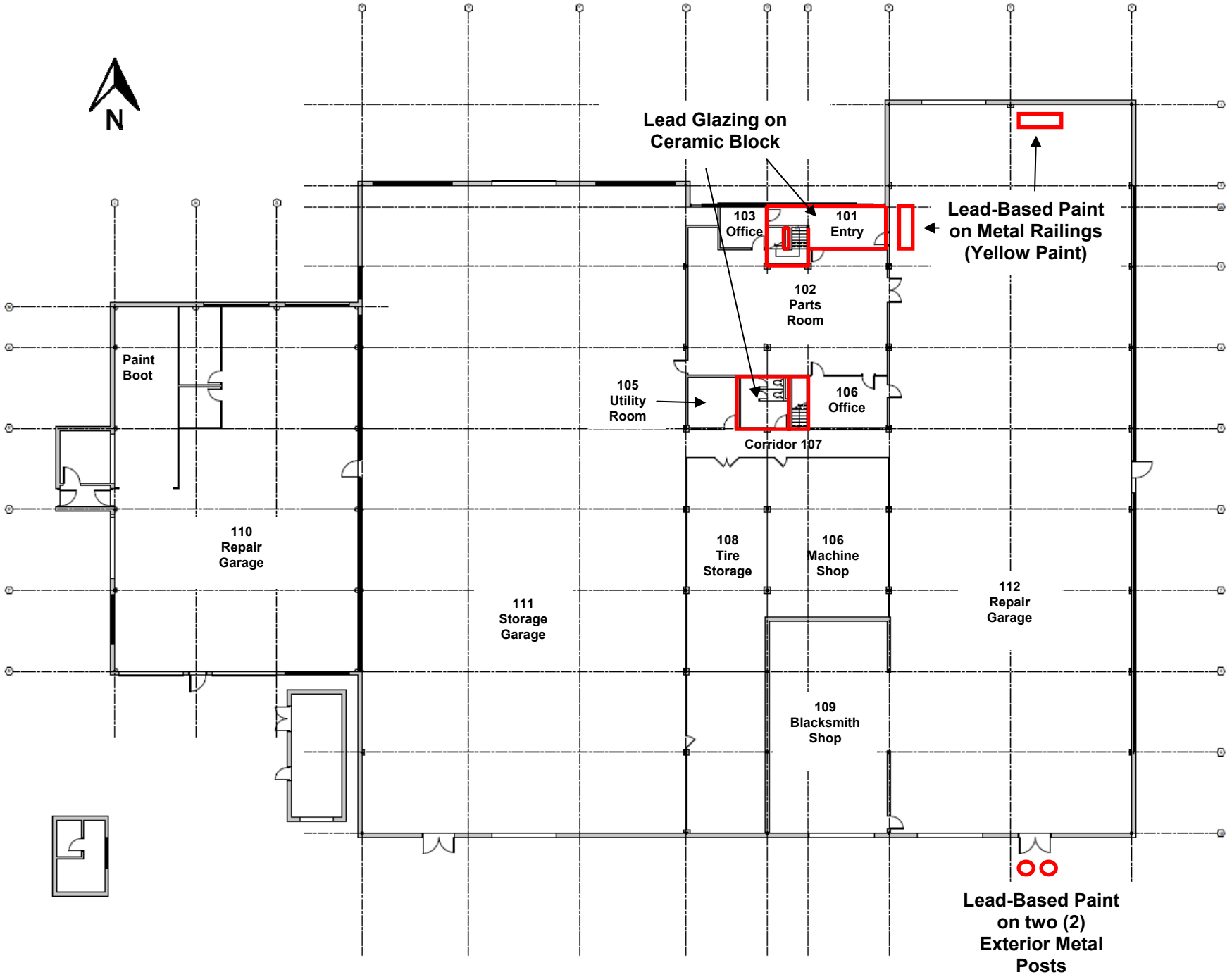
Asbestos (Main Level)



Asbestos (Second Level)



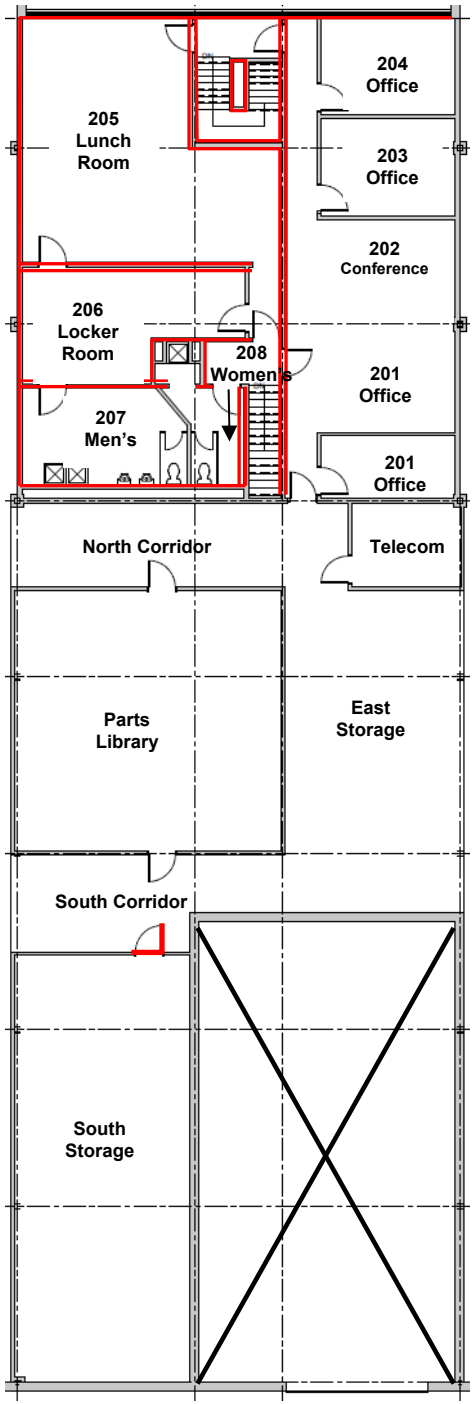
Lead (Main Level)



Lead (Second Level)

N

Lead Glazing on Ceramic Block



Lead-Based Paint on Wooden Door (White Paint)

City of Madison Engineering Division

200 N. First Street
Madison, WI 53704

April 2019

Asbestos Abatement Estimates

Material	Building Area	Quantity (approx)	Comment/Condition	Abatement Cost Estimate
Pipe Insulation	Second Level South Storage Second Level Pipe Chase Repair Garage 112 Blacksmith Shop 109 Storage Garage 111	25 lf 70 lf 152 lf 127 lf 355 lf	Friable / 729 total lf	$15,000
Pipe Fitting Insulation	Lunch Room 205 Men's 207 Second Level South Storage Second Level Pipe Chase Repair Garage 112 Blacksmith Shop 109 Storage Garage 111	1 lf (1 total) 1 lf (1 total) 7 lf (7 total) 15 lf (15 total) 4 lf (4 total) 4 lf (4 total) 17 lf (17 total)	Friable / 49 total lf	$1,500
Metal Grid Window Glazing – Tan	Storage Garage 111 – West	~103 ft^2 (22 each)	Cat II Non-Friable / metal frame (2'x7')	$3,000
Transite Heater Unit Conduit Pipe	Storage Garage 111 – North East	30 ft^2	Cat II Non-Friable / Assumed	$500

Asbestos Materials: An approximate budget for asbestos removal would be **$20,000.** The price includes all currently confirmed asbestos materials. The cost estimate excludes assumed items such as fire doors, electrical panels, and roofing materials that may either require additional testing.

NorthStar does not conduct asbestos or lead paint abatement activities. The above cost estimate is for budgetary purposes only. Actual abatement costs may vary greatly based on season of the year, contractor availability, time constraints, site availability, occupancy levels, etc.

Most asbestos containing materials at the site are in good, intact condition and do not require any abatement unless they are to be impacted by a pending renovation or demolition.

Lead Abatement Estimates

Material	Building Area	Quantity (approx)	Comment/Condition	Abatement Cost Estimate
Lead Glazing on Ceramic Block	Corridor 200-204 Office 204 Lunch Room 205 Locker Room 206 Men's 207 Women's 208 North Stairwell South Stairwell Entry 101 Main Level Men's	280 ft^2 50 ft^2 695 ft^2 380 ft^2 300 ft^2 150 ft^2 370 ft^2 350 ft^2 405 ft^2 250 ft^2	3,230 total ft^2	$15,000
Lead-Based Paint on Wooden Door	Second Level – South Corridor	40 ft^2	1 total door	$150
Lead-Based Paint on Metal Railings	Repair Garage 112	20 ft^2	2 total railings	$500
Lead-Based Paint on Metal Posts	Exterior – Fleet Service – South East	10 ft^2	2 total posts	$500

Lead Painted Items: An approximate budget for lead paint removal would be **$16,150.** The price includes all currently confirmed lead-painted materials. Lead paint removal is not required prior to demolition; however, if the lead paint is allowed to remain in place, the materials may require special handling or disposal.

NorthStar does not conduct asbestos or lead paint abatement activities. The above cost estimate is for budgetary purposes only. Actual abatement costs may vary greatly based on season of the year, contractor availability, time constraints, site availability, occupancy levels, etc.

Some lead painted areas are deteriorated or in poor condition. Paint stabilization of these areas would be recommended if the building is renovated instead of demolished.

Appendix E CERTIFICATIONS

NorthStar Environmental Testing, LLC.

Company Certificate

This certifies that

NORTHSTAR ENVIRONMENTAL TESTING LLC

817 OAK RIDGE RD
MOSINEE WI 54455-8672

is certified under ch. DHS 159, Wis.Adm.Code as a

Asbestos Company - Primary

COPY

Certificate Issue Date: 06/06/2017
Expiration Date: 08/01/2019, 12:01 a.m.
Certification #: CAP-925800

Wisconsin Department of Health Services
Division of Public Health
Bureau of Environmental and Occupational Health
Asbestos & Lead Section
PO Box 2659
Madison WI 53701-2659
Phone: (608) 261-6876

Shelley A Bruce

Shelley A Bruce,
Unit Supervisor

Company Certificate

This certifies that

NORTHSTAR ENVIRONMENTAL TESTING LLC

817 OAK RIDGE RD
MOSINEE WI 54455-8672

is certified under ch. DHS 163, Wis.Adm.Code as a

Lead (Pb) Company

COPY

Certificate Issue Date: 05/23/2017
Expiration Date: 08/01/2019, 12:01 a.m.
Certification #: DHS-925800

Wisconsin Department of Health Services
Division of Public Health
Bureau of Environmental and Occupational Health
Asbestos & Lead Section
PO Box 2659
Madison WI 53701-2659
Phone: (608) 261-6876

Shelley A Bruce

Shelley A Bruce,
Unit Supervisor

Good Armstrong Training & Consulting, Inc.

544 E. Ogden #700-147 Milwaukee WI 53202 (414) 645-7600

COPY

Good Armstrong Training & Consulting, Inc. hereby certifies that

Ethan Michael Turriff

has attended a 4-hour asbestos training class conducted 01/04/2018 - 01/04/2018 at Hotel J, 2620 South Packerland Dr., Green Bay WI 54313 and successfully passed the course test administered on 01/04/2018 thereby meeting the qualification requirements fo

Asbestos Inspector Refreshe

This training course complies with the requirements of TSCA Title II and is accredited by the State of Wis under ch. DHS 159, Wis. Admin. Code. (GATC Course #415)

In recognition of this accomplishment, Good Armstrong Training & Consulti certificate #19655 which expires on 01/04/2019.

Attested this date of 01/04/2018 by : Luella Wolbrink

Luella Wolbrink, Representative

Milwaukee Lead/Asbestos Information Center

A division of Midwest Certified Training, Inc.
3495 North 124th Street, Brookfield, WI 53005 Phone: 414-481-9070

Ethan M. Turriff

2610 Lawrence Drive

De Pere WI 54115

has successfully passed the required course test and completed all other requirements for the 8-hour

Lead Risk Assessor Refresher Course

on *January 14, 2019* ***in*** *Milwaukee WI* .

Course Test Date: *January 14, 2019*

Date Course Certificate Issued: *January 14, 2019*

Course Certificate #: *LRAR19011455867*

Expiration Date: *January 14, 2021*

Rocky Everly

Rocky Everly, Training Manager MLAIC

DCQ Course ID #: 10965

This training course complies with the requirements of and is accredited by the State of Wisconsin, Department of Health and Family Services under ch. HFS 163, WIs. Admin. Code.

COPY