



**LEAD BASED PAINT  
INSPECTION REPORT**

**Job Site:**

**Warehouse  
2674 North 53<sup>rd</sup> Street  
Milwaukee, Wisconsin**

**For:**

**City of Milwaukee  
Department of Neighborhood Services  
Attn: Marge Piwaron  
841 North Broadway 1<sup>st</sup> Floor  
Milwaukee, Wisconsin 53202-3613**

**HMG Report No.: 16-400-014.2674L  
Contract No.: 360-16-0745**

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Dean Jacobsen  
Lead Risk Assessor # LRA 14370

**Prepared by:**

**HARENDA MANAGEMENT GROUP  
1237 West Bruce Street  
Milwaukee, Wisconsin 53204**

**July 2016**

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## I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct a preliminary survey for possible Lead Based Paint on the concrete and masonry surfaces at the following location: **2674 North 53<sup>rd</sup> Street, Milwaukee, Wisconsin, warehouse**. Demolition is planned for the building. Enclosed you will find a summary of the paint testing at the above referenced location. All other areas/materials were excluded from this scope of work.

A lead based paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead based paint is present in the building, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust.

The testing took place on July 7, 2016. Samples of paint were collected from masonry surfaces (block) representing all observed paint colors. Samples were analyzed at Quantem Laboratories of Oklahoma City, Oklahoma, for total lead content using USEPA Method 7000B (Reference Section II for results).

The Wisconsin Administrative Code (DHS 163) defines lead-based paint as having a surface concentration of lead that is more than 0.5% of lead per weight of a paint chip sample.

### **The results of the analysis was classified as follows:**

- Positive:** Any result above the DHS 163 Standard of 0.5% lead.
- Negative:** Any result at or below the DHS 163 Standard of 0.5% lead.

## II. COMPONENT TESTING

### A. Summary

In an effort to develop a painting history of the building, masonry was tested for the presence of lead based paint.

#### **Exterior: 2674 North 53<sup>rd</sup> Street**

- **Painted block was observed on exterior walls. Lead was not detected above 0.5%.**

#### **Interior: 2674 North 53<sup>rd</sup> Street**

**Painted block was observed on interior walls. Lead was not detected above 0.5%.**

Reference Test Results of Components below.

## B. Test Results of Components:

Site: 2674 North 53<sup>rd</sup> Street, Milwaukee, Wisconsin

Date: 7/7/16

Paint Testing Results						
Sample	Location	Component	Substrate	Color	PbC (%)	Result
1L	Exterior	North Wall	Block	Brown	0.0099	Negative
2L	Interior	North Wall	Block	White	<0.005	Negative
3L	Interior	South Wall	Block	White	<0.005	Negative

**The inspection did not find Lead-Based Paint on the property. No paints sampled are lead based paint.**

If there are any further concerns over what to do with certain components, we can do additional testing, and/or review records for historical precedents for removal, disposal and cleanup.

Any other paint found in the building that is disturbed should be handled as lead based paint.

## C. Summary of OSHA Lead Based Paint Regulations

The OSHA regulation for Lead Exposure in Construction is 29 CFR 1926.62. The law states that in the presence of any measurable amount of Lead a contractor is obligated to take some actions to ensure the safety of its work-force and that of the owner.

Workers demolishing building materials containing lead based paint must be monitored for lead exposure. Monitoring for lead exposure is covered under U.S. Department of Labor Occupational Safety and Health Administration 29 CFR 1926.62 for the construction industry, which includes:

- Demolition or salvage of structures where lead or materials containing lead are present.
- Removal or encapsulation of materials containing lead.
- New construction, alteration, repair, or renovation of structures, substrates, or portions thereof, that contain lead, or materials containing lead.

The employer is required to initially determine if any employee may be exposed to lead at or above the action level. **The action level means employee exposure, without regard to the use of respirators, to an airborne lead concentration of 30 µg/m<sup>3</sup> of air calculated as an 8 hour time weighted average.** The employer must collect personal samples representative of a full shift for each job classification in each work area. The samples must be representative of the monitored employee's regular daily exposure to lead. **OSHA has also set a permissible exposure limit (PEL) which is defined as a lead concentration of 50 µg/m<sup>3</sup> of air averaged over an eight hour period.** If the initial exposure assessment has not been completed, the employer must treat the employee as if the employee were exposed above the PEL, and not in excess of ten times the PEL, for tasks including demolition of structures with lead containing coatings or paint. This includes respiratory protection, personal protective clothing and equipment, change areas, hand washing facilities, biological monitoring, and training.

If all concentrations are below the action level, additional air monitoring is not needed except

when there has been a change in equipment, process, control, personnel, or type of task that may result in additional employees being exposed to lead at or above the action level. If exposure is between the action level and PEL, air monitoring must be done at least every six months until two consecutive readings taken at least seven days apart are below the action level. If exposure is above the PEL, air monitoring must be done quarterly until two consecutive readings taken at least seven days apart are below the PEL. Employees must be notified in writing of the results within 5 working days after completion of the air exposure assessment.

#### **D. Summary of Wisconsin Department of Natural Resources Information**

According to Wisconsin Department of Natural Resources Planning Your Demolition or Renovation Project (WA-651), lead painted building materials from remodeling or demolition projects can be disposed in a landfill. Lead based paint waste, such as paint chips or paint removed from commercial or industrial building, may be a hazardous waste. Additional testing by the toxicity characteristic leaching procedure (TCLP) method and comparison to hazardous waste regulations would be needed to determine this.

### **III. LIMITATIONS**

A limited inspection was conducted. The results are representative only of the specific painted locations that were sampled on the building. This inspection should not be used for purposes of determining where lead safe renovation or abatement procedures are required except where the samples were collected. This report represents the condition of the building and the visible/ accessible locations sampled at the date and the time of the onsite inspection.

The care and skill given to our procedures insures the most reliable test results possible. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

*This report and the information contained herein is prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or entity may rely on this report or any information contained herein. Any dissemination of the report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.*

## **IV. LABORATORY RESULTS**



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

## Environmental Chemistry Analysis Report

**QuanTEM Set ID:** 266174  
**Date Received:** 07/08/16  
**Received By:** Rachel Brooks  
**Date Sampled:**  
**Time Sampled:**  
**Analyst:** CR  
**Date of Report:** 7/12/2016

**Client:** Harenda Management Group  
Dean Jacobsen  
1237 West Bruce St.  
Milwaukee, WI 53204  
**Acct. No.:** B929  
**Project:** DNS  
**Location:** Milwaukee, WI  
**Project No.:** 16-400-014.2674

AIHA ID: 101352

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	1L	Paint	Lead	0.00989	0.005	%	07/12/16 11:05	P EPA 7000B (1)
002	2L	Paint	Lead	<0.00500	0.005	%	07/12/16 11:05	P EPA 7000B (1)
003	3L	Paint	Lead	<0.00500	0.005	%	07/12/16 11:05	P EPA 7000B (1)

Authorized Signature:

Cherry Rossen, Technical Manager

Note: Sample results have not been corrected for blank values.

This report applies only to the standards or procedures indicated and to the specific samples tested. It is not indicative of the qualities of apparently identical or similar products or procedures, nor does it represent an ongoing assurance program unless so noted. These reports are for the exclusive use of the client and are not to be reproduced without specific written permission. QuanTEM is not responsible for user-supplied data used in calculations.

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Wipe materials must meet ASTM E1792 criteria. Method detection limits and resultant reporting limits may not be valid for non-ASTM E1792 wipe material.

EPA Method 7000B (1) = EPA 600/R-93/200 Preparation Modified. EPA 7000B Analysis Modified

EPA Method 7082 (2) = EPA 600/R-93/200 Preparation Modified. EPA 7082 Analysis Modified



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# LEAD CHAIN OF CUSTODY

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502  
 (800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

## LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. <u>2060174</u>	Accept <input checked="" type="checkbox"/> Reject <input type="checkbox"/>
Report Results ( <input checked="" type="checkbox"/> one box)	
<input checked="" type="checkbox"/> <b>Quantem Website</b>	Other <u>email</u>

Contact Information		Project Information	
Company: <b>Harenda Management Group</b>	Phone: <b>(414) 383-4800</b>	Project Name: <b>DNS</b>	
Contact: <b>Dean Jacobsen</b>	Cell Phone:	Project Location: <b>Milwaukee, WI</b>	
Account #: <b>B929</b>	E-mail: <b>djacobsen@harenda.com</b>	Project ID: <b>16-400-014.2674</b>	

Sampled By: Dean Jacobsen Name: \_\_\_\_\_ Date: \_\_\_\_\_

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<u>Dean Jacobsen</u>	<u>7/7/16 1700</u>	<u>FedEx</u>	<u>RLG</u>	<u>7/8/16 10:00</u>

REQUESTED SERVICES (Please  the Appropriate Boxes)

No.	Sample ID (10 Characters Max)	Sample Description	Volume (Liters)	Volume Area (Length x Width)	Sample Matrix (see matrix code box)	Analysis		Units ( <input checked="" type="checkbox"/> ONE box only)					
						Pb		PPM	Wt %	mg / l	µg /ft <sup>2</sup>	µg / m <sup>3</sup>	mg / cm <sup>2</sup>
1	<u>1L</u>				<u>B</u>	<u>X</u>		<u>X</u>					
2	<u>2L</u>				<u>↓</u>	<u>↓</u>		<u>↓</u>					
3	<u>3L</u>				<u>↓</u>	<u>↓</u>		<u>↓</u>					
4													
5													
6													
7													
8													
9													
10													
11													
12													

Sample Matrix Codes	
A	Soil
B	Paint Chips
C	Surface / Dust Wipes
D	Bulk Miscellaneous
E	Air Cassette

TURNAROUND TIME	
<input type="checkbox"/>	Same Day
<input type="checkbox"/>	24 - Hour
<input checked="" type="checkbox"/>	3 - Day
<input type="checkbox"/>	5 - Day