



LIMITED XRF LEAD BASED  
PAINT INSPECTION

at the

Iola Campus  
Rochester, New York

*Date of Construction: Not Provided*

Owned by:

Not Provided

Prepared for:

AJC & Son  
One Airport Way  
Suite 300  
Rochester, New York

December 12, 2007

**Report Prepared By:**

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IOLA CAMPUS  
ROCHESTER, NEW YORK

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## INTRODUCTION

Paradigm Environmental Services, Inc. was retained by AJC & Son on December 12, 2007 to conduct an inspection for the presence of lead-based paints located at **Iola Campus, Rochester, New York.**

Paradigm performed report generation for this project. Field services were performed by Envoy Environmental Consultants as a subcontractor to Paradigm. Envoy Environmental Consultants, Inc. holds a New York State Department of Labor Radioactive Materials License to own and operate an X-Ray Fluorescence lead paint analyzer. EPA certified Lead Inspector, Laurie Sisson, conducted this inspection with procedures and guidelines commonly used and accepted in New York State and EPA.

The frequency of testing included XRF sampling of selected areas.

The LPA-1 Lead Paint Analyzer is an analytical radiation instrument used in quantitative analysis of lead in paint for various substrates. The LPA-1 is a spectrum analyzer that resolves the lead X-Ray intensity from interfering radiation. The XRF LPA-1 instrument has a  $\frac{3}{8}$  inch penetration depth for the detection of lead. Anything beyond this depth will cause no reading and can go undetected.

Certain substrates may register a reading in the inconclusive range. They are as follows:

<u>Substrate</u>	<u>Inconclusive Range</u>
Brick	None
Concrete	None
Drywall	None
Metal	0.9 to 1.3 mg/cm <sup>2</sup>
Plaster	0.9 to 1.0 mg/cm <sup>2</sup>
Wood	None

The lead inspection at **Iola Campus** did not generate any readings in the inconclusive range.

A radioactive material, Cobalt 57, is used as the radiation source in this device for nondestructive method of sample analysis. In order to verify the proper operation of the analyzer it is calibrated before each inspection.

## LIMITATIONS

The information provided in this report was compiled from field notes and instrument data.

Observations noted and recorded are intended to represent the conditions that existed at the subject site at the time and date that the observations were made. All areas sampled are considered to be in good condition unless otherwise noted by an asterisk on the Information Chart included in this report. Any areas that have peeling or chipping paint are flagged with an asterisk.

Determinations of lead based paint within the building were subject to the accessibility of individual areas or spaces. Walls were assigned the letters A, B, C, or D for purposes of reading this report and understanding which wall in a particular room was sampled. The wall regarded as "A" will always be the street side wall. Walls B, C, and D shall follow clockwise in succession.

Conclusions and recommendations provided in this report are based on the assumption that materials identified are homogeneous throughout their application.

**The XRF testing was limited to representative sampling of each of the following buildings: 1, 2, 4, 5, 7, 8, 9, and 10. Building 11 was not sampled per the request of Dominick Cardelli.**

## DEFINITIONS

Lead based paint - Paint or other surface coatings that contain lead equal to or in excess of 1.0 mg/cm<sup>2</sup> or 0.5% by weight.

## CONCLUSIONS

A lead-based paint survey was performed by Paradigm Environmental Services, Inc. for AJC & Son at **Iola Campus, Rochester, New York**. The inspection was conducted on December 12, 2007.

The following page(s), "Positive Lead Based Paint Readings" indicates the components that were determined to contain lead-based paint as they have instrument readings at or over the HUD abatement level of 1.0 mg/cm<sup>2</sup>.

Note: All lead-based paints should be inspected and maintained periodically. These paints must be handled with care and disturbances should be minimized. Abatement strategies for lead paint include the following: interim controls, replacement, encapsulation, and paint removal.

POSITIVE LEAD- BASED PAINT READINGS

IOLA CAMPUS  
ROCHESTER, NEW YORK

<u>Read #</u>	<u>Location</u>	<u>Color</u>	<u>Substrate</u>	<u>Item</u>
8	Building 10, 1st Floor, Stairway	White	Wood	Window
10	Building 10, Garage	Dark Gray	Brick	B-Wall
11	Building 10, Garage	White	Concrete	Beam
12	Building 10, 2nd Floor, A/B Office	White	Wood	Window Sash
14	Building 10, 2nd Floor, Corridor	Gray	Metal	Door
15	Building 10, 2nd/3rd Floor, Stairway	Black	Metal	Stringer
16	Building 10, 3rd Floor, C-Wall	White	Wood	Window
17	Building 9, 1st Floor, Storage	White	Wood	Support Post
19	Building 9, 1st Floor, Storage	Gray	Wood	D-Window
20	Building 9, 1st Floor, Storage	Blue	Plaster	Ceiling
18	Building 9, 1st Floor, Wall	Blue	Concrete	B-Wall
22	Building 9, 1st Floor, Wall	Blue	Wood	D Wall Door
24	Building 5, 1st Floor, Window	White	Wood	B-Window
27	Building 5, 2nd Floor, Hallway	White	Wood	Window
29	Building 5, 2nd Floor, Middle Stairway	Gray	Metal	Stringer
30	Building 5, 3rd Floor, Window	White	Wood	A-Window
31	Building 5, Exterior	Yellow	Wood	Window
32	Building 5, Exterior Door	Yellow	Wood	Door
36	Building 5, Basement	White	Metal	Double Doors

\* Indicates paint in peeling or chipping condition.

**POSITIVE LEAD- BASED PAINT READINGS**

<b><u>IOLA CAMPUS</u></b>				
43	Building 2, Office	White	Wood	Window
44	Building 2, Office	Gray	Plaster	Wall
45	Building 2, Great Room	White	Wood	Door Casing
48	Building 2, Exterior	Yellow	Wood	Window
49	Building 2, Exterior	Yellow	Wood	Door Casing
50	Building 4, A Office	White	Wood	Window
51	Building 4, A Office	Blue	Plaster	A-Wall
52	Building 4, Great Room	Green	Wood	Door Casing
53	Building 4, Entrance	White	Plaster	Ceiling
54	Building 4, Entrance	Yellow	Wood	Door Casing
56	Building 8, Kitchen	White	Wood	A-Window
58	Building 8, Exterior	Yellow	Wood	Window Casing
59	Building 8, Exterior	Yellow	Wood	Door Casing
61	Building 7, 1st Floor, Sun Room	White	Metal	B-Window
63	Building 7, 2nd Floor, Sun Room	White	Metal	B-Window
66	Building 7, 2nd Floor, Hallway	Black	Metal	Door Casing
67	Building 7, Bath	Yellow	Ceramic	Ceramic Tile
68	Building 7, North Stairwell	Brown	Metal	Newel Post

\* Indicates paint in peeling or chipping condition.





