



**LIMITED LEAD-BASED PAINT SURVEY DRAFT REPORT  
2018**

MONTGOMERY COUNTY PUBLIC SCHOOLS  
Fairland Center  
13313 Old Columbia Pike  
Silver Spring, MD 20904

**Prepared for**

Montgomery County Public Schools  
8301 Turkey Thicket Drive  
Building A, First Floor  
Gaithersburg, Maryland 20879

**Prepared by**

Professional Service Industries, Inc.  
2930 Eskridge Road,  
Fairfax, VA 22031

September 12, 2019

PSI Project Number 04481290

A handwritten signature in blue ink, appearing to read "Nan Lin".

Nan Lin  
Department Manager

## TABLE OF CONTENTS

<b>1</b>	<b>INTRODUCTION .....</b>	<b>2</b>
<b>2</b>	<b>METHODOLOGY.....</b>	<b>3</b>
2.1	SURVEY METHODOLGY .....	3
2.2	SAMPLING METHODOLGY.....	3
<b>3</b>	<b>FINDINGS.....</b>	<b>3</b>
3.1	INTERPRETATION OF RESULTS .....	3
3.2	PAINT CONDITION.....	4
3.3	RECOMMENDATIONS .....	4
3.4	WARRANTY .....	5

### LIST OF APPENDICES

APPENDIX A – XRF SURVEY RESULTS

APPENDIX B – SUMMARY OF COMPONENTS WITH DETERIORATED PAINT

APPENDIX C – FLOOR PLAN INDICATING LOCATIONS FOR XRF INSPECTION

APPENDIX D – PHOTOGRAPHS OF EXAMPLES OF COMPONENTS WITH DETERIORATED PAINT



## 1 INTRODUCTION

Professional Service Industries, Inc. (PSI), an Intertek company, was retained by Montgomery County Public Schools (MCPS) to conduct a Limited Lead-Based Paint (LBP) Inspection of the following MCPS Facility:

Property Name: Fairland Center  
Property Address: 13313 Old Columbia Pike, Silver Spring, MD 20904

The LBP survey was conducted at the Facility on June 8 and August 28, 2018, 2018 by PSI's EPA-accredited and Maryland certified Lead Inspector/Risk Assessor. The LBP testing was performed using the x-ray fluorescence analyzer (XRF) LPA-1 Lead Paint Analyzer manufactured by Radiation Monitoring Devices (RMD), serial number 1623, which is a direct reading, calibrated, battery powered, XRF Spectrum Analyzer. This device gives an on-site lead paint determination measured in mg/cm<sup>2</sup>. The XRF quantitatively measures the lead concentration (mg/cm<sup>2</sup>) in paint, stain, or varnish on various substrates.

The limited LBP Inspection was conducted in general accordance with the U.S. Department of Housing & Urban Development (HUD) "Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing", 2012 Edition (HUD Guidelines) to identify LBP. While the HUD Guidelines were developed specifically for housing, both the Maryland Department of the Environment (MDE) and the U.S. Environmental Protection Agency (EPA) reference these guidelines when testing for LBP in many facilities.

According to MDE Regulations, paint or varnishes are considered to be "lead-based" if lead levels of greater than 0.7 mg/cm<sup>2</sup> or more than 0.5% by weight.

## 2 METHODOLOGY

### 2.1 SURVEY METHODOLOGY

Based on the HUD guidelines and the construction date of 1952, a total of 13 rooms, hallways, and exteriors were randomly tested as part of this survey. In addition, a visual assessment was conducted of all the rooms that were constructed prior to 1979. The general condition of the painted surfaces was assessed, according to the following guidelines:

- Intact indicates there is no damage to the paint.
- Deteriorated indicates that the paint is cracking, peeling, chalking or chipping.

### 2.2 SAMPLING METHODOLOGY

XRF readings were collected from each testing combination within each interior and exterior room equivalent and one XRF reading from each wall in a room equivalent. Irregular or inaccessible painted surfaces that were not able to be tested using the XRF were proposed to be tested by collecting a paint chip sample that included all the layers of paint down to the component substrate. No paint chip samples were collected for laboratory analysis.

For the purpose of this report all of the walls (interior and exterior) are labeled A, B, C & D. Wall A, for all interior room equivalents, fronts the main entrance door to the building main entrance, with the identification letters changing in a clockwise direction. For the exterior of the building, sides B, C and D are identified clockwise from side A as one faces the building; thus side B is to the left, side C is across from side A and side D is to the right of side A.

## 3 FINDINGS

### 3.1 INTERPRETATION OF RESULTS

According to MDE Regulations, paint is considered to be “lead-based” if lead levels are greater than 0.7 mg/cm<sup>2</sup> or 0.5% by weight or 5,000 parts per million (ppm) for paint chip samples.

Based on the XRF testing, the following building components were found to have lead in amounts of greater than 0.7 mg/cm<sup>2</sup> on testing building components:

**Table 1: Positive XRF readings for LBP**

Reading Date	Reading Number	Interior/Exterior	Room ID	Structure	Side A, B, C, D	Substrate	Color	Paint Condition	Reading (mg/cm <sup>2</sup> )
6/8/2018	26	Interior	Original Building Boys Bathroom	Pipe	A	Metal	White	Intact	1.4

6/8/2018	34	Interior	Original Building Girls Bathroom	Pipe	C	Metal	White	Intact	1.5
6/8/2018	35	Interior	Original Building Girls Bathroom	Window Sash	A	Metal	White	Intact	0.8
6/8/2018	36	Interior	Original Building Girls Bathroom	Wall	A	Plaster	White	Intact	0.8
6/8/2018	37	Interior	Original Building Girls Bathroom	Wall	B	Plaster	White	Intact	1.4
6/8/2018	38	Interior	Original Building Girls Bathroom	Wall	C	Plaster	White	Intact	0.8
6/8/2018	39	Interior	Original Building Girls Bathroom	Wall	D	Plaster		Intact	0.8
6/8/2018	41	Interior	Original Building Girls Bathroom	Pipe	D	Plaster		Intact	0.8
6/8/2018	88	Interior	Conference Room 7	Window Sash	A2	Metal		Intact	0.8
6/8/2018	91	Interior	Conference Room 7	Wall	A	Brick		Intact	2.4
6/8/2018	103	Interior	Original Hallway	Wall	D	Brick		Intact	0.8
6/8/2018	106	Interior	Original Hallway	Door Casing	D	Metal		Intact	0.8
6/8/2018	113	Exterior	Side A	Window Casing	A	Metal		Intact	3.1
8/28/2018	128	Interior	Multipurpose Room	Window Casing	C	Metal	White	Deteriorated	0.8
8/28/2018	147	Interior	Staff Lounge	Pole		Metal	Black	Deteriorated	5.0

A complete listing of all XRF readings is included in Appendix A.

### 3.2 PAINT CONDITION

As part of the Limited LBP Inspection, painted surfaces were visually examined for general condition and were generally categorized as being in intact or deteriorated condition. Refer to Appendix B for a summary of components with deteriorated paint. Appendix C contains floor plan indicating locations for XRF inspection. Appendix D contains photographs of examples of components with deteriorated paint.

### 3.3 RECOMMENDATIONS

OSHA does not define the amount of lead in paint to a regulatory requirement; rather the activities or task define when the regulation is in effect. Both Federal and state standards use the term “trigger task” activities. In the work place, employers must make certain assumptions of the exposure levels and comply with the regulations based on the level of disturbance rather than the lead level. The industry has interpreted this to mean that any

detectable amount of lead is regulated. For example, employees who perform trigger tasks (such as manual demolition) are required to receive employer provided training, air monitoring, protective clothing, respirators, and hand washing facilities. In addition, there are standard work practices required such as the use of wet methods and HEPA vacuums.

### **3.4 WARRANTY**

The field and laboratory results reported herein are considered sufficient in detail and scope to form a reasonable basis for a Limited LBP Inspection. PSI warrants that the findings contained herein have been prepared in general accordance with accepted professional practices at the time of its preparation as applied by professionals in the community. Changes in the state of the art or in applicable regulations cannot be anticipated and have not been addressed in this report.

The survey and analytical methods have been used to provide the client with information regarding the presence of accessible and/or exposed suspect lead-based paint hazards existing in the structure at the time of the inspection. Test results are valid only for the material tested. There is a distinct possibility that conditions may exist which could not be identified within the scope of the study or which were not apparent during the site visit. This survey covered only those areas, which were exposed and/or physically accessible to the Inspector. The study is also limited to the information available from the client at the time it was conducted.

No other warranties are implied or expressed.

## **APPENDIX A – XRF SURVEY RESULTS**



## Lead Based Paint Survey Field Data Sheet

**Project Number:** 04481290  
**Project:** Fairland Center  
**Address:** 13313 Old Columbia Pike  
 Silver Spring, MD 20904

**Date:** 6/8/2018  
**Operator:** \_\_\_\_\_  
**Recorder:** \_\_\_\_\_  
**XRF No.:** 1623

Calibration	
Start	End
0.7	1.1
0.7	1.1
0.7	1.2

Reading Date	Reading Number	Interior / Exterior	Room ID	Structure	Side A,B,C,D	Substrate	Color	Paint Condition	Reading (mg/cm)
6/8/2018	4	Interior	Room 2	Door Jamb	A	Wood	Black	Deteriorated	-0.2
6/8/2018	5	Interior	Room 2	Door Transom	A	Wood	Black	Intact	-0.3
6/8/2018	6	Interior	Room 2	Window Sash	C3	Metal	White	Deteriorated	-0.2
6/8/2018	7	Interior	Room 2	Wall	A	Concrete	White	Intact	0.0
6/8/2018	8	Interior	Room 2	Wall	B	Concrete	White	Intact	-0.1
6/8/2018	9	Interior	Room 2	Wall	C	Drywall	White	Intact	-0.7
6/8/2018	10	Interior	Room 2	Wall	C	Concrete	White	Intact	-0.4
6/8/2018	11	Interior	Room 2	Wall	D	Concrete	White	Intact	-0.1
6/8/2018	12	Interior	Room 2	Radiator	C	Metal	Beige	Deteriorated	-0.2
6/8/2018	13	Interior	Room 2	Duct	C	Metal	White	Intact	-0.2
6/8/2018	14	Interior	Room 3	Door Jamb	C	Wood	Black	Intact	-0.1
6/8/2018	15	Interior	Room 3	Door Transom	C	Wood	Black	Intact	-0.2
6/8/2018	16	Interior	Room 3	Window Sash	A3	Metal	White	Deteriorated	-0.3
6/8/2018	17	Interior	Room 3	Wall	A	Brick	White	Intact	-0.1
6/8/2018	18	Interior	Room 3	Wall	A	Drywall	White	Intact	-0.4
6/8/2018	19	Interior	Room 3	Wall	B	Concrete	White	Intact	0.2
6/8/2018	20	Interior	Room 3	Wall	C	Concrete	White	Intact	0.2
6/8/2018	21	Interior	Room 3	Wall	D	Concrete	White	Intact	0.2
6/8/2018	22	Interior	Room 3	Radiator	A	Metal	Beige	Intact	-0.2
6/8/2018	23	Interior	Room 3	Duct	A	Metal	White	Intact	-0.1
6/8/2018	24	Interior	Original Building Boys Bathroom	Ceiling		Drywall	White	Intact	-0.1
6/8/2018	25	Interior	Original Building Boys Bathroom	Door	A	Metal	White	Intact	-0.1
6/8/2018	26	Interior	Original Building Boys Bathroom	Pipe		Metal	White	Intact	1.4
6/8/2018	27	Interior	Original Building Boys Bathroom	Door Jamb	A	Metal	Black	Intact	0.4
6/8/2018	28	Interior	Original Building Boys Bathroom	Window Sash	C	Metal	Black	Intact	0.1
6/8/2018	29	Interior	Original Building Boys Bathroom	Wall	A	Plaster	White	Intact	-0.3
6/8/2018	30	Interior	Original Building Boys Bathroom	Wall	B	Plaster	White	Intact	-0.1
6/8/2018	31	Interior	Original Building Boys Bathroom	Wall	C	Plaster	White	Intact	0.3
6/8/2018	32	Interior	Original Building Boys Bathroom	Wall	D	Plaster	White	Intact	-0.2
6/8/2018	33	Interior	Original Building Girls Bathroom	Door	C	Wood	White	Intact	-0.2
6/8/2018	34	Interior	Original Building Girls Bathroom	Pipe	C	Metal	White	Intact	1.5
6/8/2018	35	Interior	Original Building Girls Bathroom	Window Sash	A	Metal	White	Intact	0.8
6/8/2018	36	Interior	Original Building Girls Bathroom	Wall	A	Plaster	White	Intact	0.8
6/8/2018	37	Interior	Original Building Girls Bathroom	Wall	B	Plaster	White	Intact	1.4
6/8/2018	38	Interior	Original Building Girls Bathroom	Wall	C	Plaster	White	Intact	0.8
6/8/2018	39	Interior	Original Building Girls Bathroom	Wall	D	Plaster	White	Intact	0.8
6/8/2018	40	Interior	Original Building Girls Bathroom	Ceiling		Drywall	White	Intact	-0.3
6/8/2018	41	Interior	Original Building Girls Bathroom	Pipe	D	Plaster	White	Intact	0.8
6/8/2018	42	Interior	Behavioral Resources	Door Jamb	D1	Metal	Black	Intact	0.5
6/8/2018	43	Interior	Behavioral Resources	Window Sash	B1	Metal	White	Deteriorated	-0.1

Reading Date	Reading Number	Interior / Exterior	Room ID	Structure	Side A,B,C,D	Substrate	Color	Paint Condition	Reading (mg/cm)
6/8/2018	44	Interior	Behavioral Resources	Wall	A	Plaster	White	Intact	-0.2
6/8/2018	45	Interior	Behavioral Resources	Wall	B	Concrete	White	Intact	-0.1
6/8/2018	46	Interior	Behavioral Resources	Wall	C	Concrete	White	Intact	0.0
6/8/2018	47	Interior	Behavioral Resources	Wall	C	Drywall	White	Intact	-0.1
6/8/2018	48	Interior	Behavioral Resources	Wall	D	Concrete	White	Intact	0.1
6/8/2018	49	Interior	Art Therapy	Wall	A	Concrete	White	Intact	-0.1
6/8/2018	50	Interior	Art Therapy	Wall	B	Concrete	White	Intact	0.0
6/8/2018	51	Interior	Art Therapy	Wall	C	Drywall	White	Intact	-0.3
6/8/2018	52	Interior	Art Therapy	Wall	D	Concrete	White	Intact	-0.3
6/8/2018	53	Interior	Art Therapy	Window Sash	D	Metal	White	Deteriorated	-0.1
6/8/2018	54	Interior	Art Therapy	Duct	D	Metal	White	Intact	0.0
6/8/2018	56	Interior	Room 10	Door Casing	A1	Metal	Black	Intact	0.2
6/8/2018	57	Interior	Room 10	Window Sash	C2	Metal	White	Intact	-0.2
6/8/2018	58	Interior	Room 10	Wall	A	Concrete	White	Intact	-0.1
6/8/2018	59	Interior	Room 10	Wall	B	Concrete	White	Intact	0.1
6/8/2018	60	Interior	Room 10	Wall	C	Concrete	White	Intact	-0.3
6/8/2018	61	Interior	Room 10	Wall	D	Drywall	White	Intact	-0.2
6/8/2018	62	Interior	Room 10	Duct	C	Metal	White	Intact	-0.1
6/8/2018	63	Interior	Office 17	Door Casing	A	Metal	Black	Intact	0.2
6/8/2018	64	Interior	Office 17	Window Sash	C	Metal	White	Deteriorated	-0.2
6/8/2018	65	Interior	Office 17	Wall	A	Concrete	White	Intact	0.0
6/8/2018	66	Interior	Office 17	Wall	B	Drywall	White	Intact	-0.2
6/8/2018	67	Interior	Office 17	Wall	C	Concrete	White	Intact	-0.1
6/8/2018	68	Interior	Office 17	Wall	D	Concrete	White	Intact	-0.1
6/8/2018	69	Interior	Office 14	Door Casing	D1	Metal	Black	Intact	0.2
6/8/2018	70	Interior	Office 14	Wall	A	Concrete	White	Intact	-0.2
6/8/2018	71	Interior	Office 14	Wall	B	Concrete	White	Intact	0.0
6/8/2018	72	Interior	Office 14	Wall	C	Drywall	White	Intact	-0.2
6/8/2018	73	Interior	Office 14	Wall	D	Concrete	White	Intact	-0.2
6/8/2018	74	Interior	Office 14	Duct	B	Metal	White	Intact	-0.1
6/8/2018	75	Interior	Room 13	Door Casing	B	Metal	Black	Intact	0.0
6/8/2018	76	Interior	Room 13	Wall	A	Concrete	White	Intact	-0.1
6/8/2018	77	Interior	Room 13	Wall	B	Concrete	White	Intact	-0.2
6/8/2018	78	Interior	Room 13	Wall	C	Concrete	White	Intact	-0.1
6/8/2018	79	Interior	Room 13	Wall	D	Concrete	White	Intact	0.2
6/8/2018	80	Interior	Room 13	Duct	D	Metal	White	Intact	0.0
6/8/2018	81	Interior	Nurse's Office	Door Casing	A	Metal	Black	Intact	0.1
6/8/2018	82	Interior	Nurse's Office	Wall	A	Concrete	White	Intact	0.2
6/8/2018	83	Interior	Nurse's Office	Wall	B	Concrete	White	Intact	-0.2
6/8/2018	84	Interior	Nurse's Office	Wall	C	Concrete	White	Intact	-0.1
6/8/2018	85	Interior	Nurse's Office	Wall	D	Concrete	White	Intact	-0.1
6/8/2018	86	Interior	Nurse's Office	Duct	C	Metal	White	Intact	-0.1
6/8/2018	87	Interior	Conference Room 7	Door Casing	C	Metal	Black	Intact	-0.1

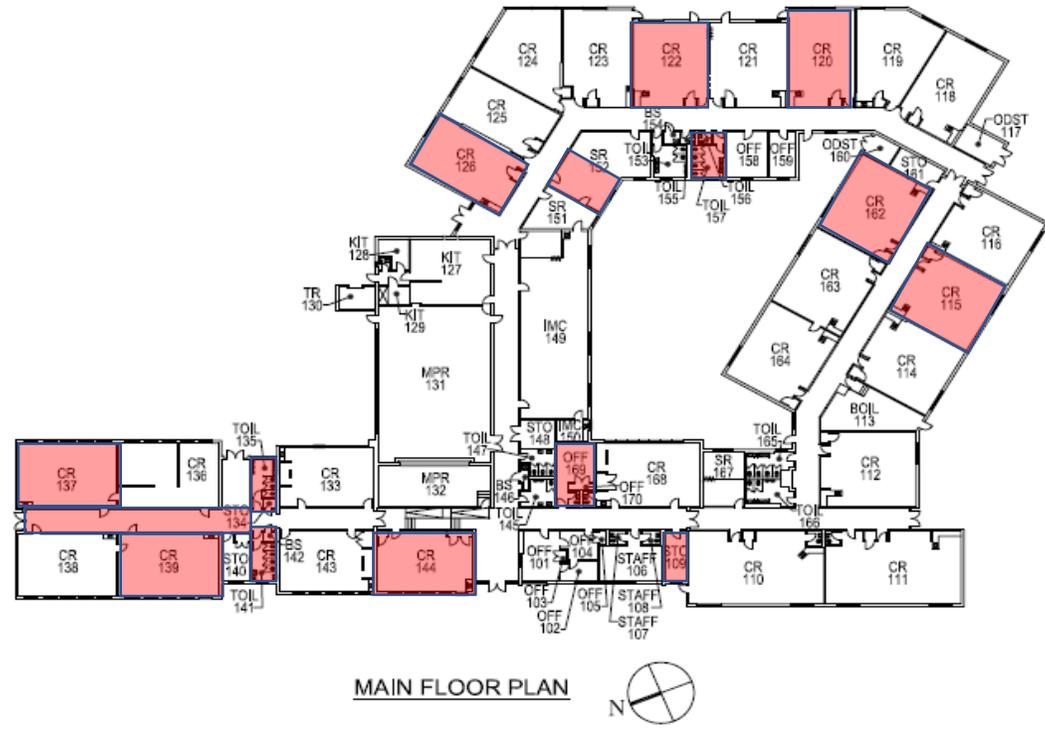
Reading Date	Reading Number	Interior / Exterior	Room ID	Structure	Side A,B,C,D	Substrate	Color	Paint Condition	Reading (mg/cm)
6/8/2018	88	Interior	Conference Room 7	Window Sash	A2	Metal	White	Intact	0.8
6/8/2018	89	Interior	Conference Room 7	Window Sill	A2	Wood	White	Deteriorated	-0.1
6/8/2018	90	Interior	Conference Room 7	Window Casing	A2	Wood	White	Deteriorated	-0.3
6/8/2018	91	Interior	Conference Room 7	Wall	A	Brick	White	Intact	2.4
6/8/2018	92	Interior	Conference Room 7	Wall	B	Drywall	White	Intact	-0.2
6/8/2018	93	Interior	Conference Room 7	Wall	C	Brick	White	Intact	0.2
6/8/2018	94	Interior	Conference Room 7	Wall	D	Drywall	White	Intact	-0.2
6/8/2018	95	Interior	Original Hallway	Door	C	Metal	White	Deteriorated	-0.2
6/8/2018	96	Interior	Original Hallway	Door Jamb	C	Brick	Black	Intact	-0.1
6/8/2018	97	Interior	Original Hallway	Wall	A	Brick	White	Intact	-0.1
6/8/2018	98	Interior	Original Hallway	Wall	A	Concrete	White	Intact	-0.3
6/8/2018	99	Interior	Original Hallway	Wall	B	Brick	White	Intact	0.0
6/8/2018	100	Interior	Original Hallway	Wall	B	Concrete	White	Intact	-0.3
6/8/2018	101	Interior	Original Hallway	Wall	C	Brick	White	Intact	0.0
6/8/2018	102	Interior	Original Hallway	Wall	C	Concrete	White	Intact	0.0
6/8/2018	103	Interior	Original Hallway	Wall	D	Brick	White	Intact	0.8
6/8/2018	104	Interior	Original Hallway	Duct	B	Wood	White	Intact	-0.2
6/8/2018	105	Interior	Original Hallway	Window Casing	D	Wood	White	Deteriorated	-0.1
6/8/2018	106	Interior	Original Hallway	Door Casing	D	Metal	Brown	Intact	0.8
6/8/2018	107	Exterior	A	Door	A	Metal	Brown	Intact	-0.1
6/8/2018	108	Exterior	A	Door Casing	A	Metal	Brown	Intact	-0.2
6/8/2018	109	Exterior	A	Handrail	A	Metal	Brown	Intact	-0.2
6/8/2018	110	Exterior	A	Porch Post	A	Metal	Brown	Intact	-0.2
6/8/2018	111	Exterior	A	Porch Ceiling	A	Concrete	White	Intact	-0.2
6/8/2018	112	Exterior	A	Hatch	A	Metal	Brown	Intact	0.0
6/8/2018	113	Exterior	A	Window Casing	A	Metal	White	Intact	3.1
6/8/2018	114	Exterior	A	Window Sash	A	Metal	White	Intact	-0.2
6/8/2018	115	Exterior	A	Lintel	A	Metal	White	Intact	-0.2
6/8/2018	116	Exterior	A	Purple Metal	A	Metal	Purple	Intact	0.1
6/8/2018	117	Exterior	B	Downspout	B	Metal	White	Intact	0.1
6/8/2018	118	Exterior	B	Lintel	B	Metal	White	Intact	-0.2
6/8/2018	119	Exterior	C	Downspout	C	Metal	Brown	Intact	-0.3
6/8/2018	120	Exterior	C	Window Casing	C	Metal	White	Intact	-0.3
8/28/2018	Calibration (Pre)								1.0
8/28/2018	Calibration (Pre)								0.9
8/28/2018	Calibration (Pre)								0.9
8/28/2018	121	Interior	Room 4	Window Casing	C	Metal	White	Deteriorated	-0.2
8/28/2018	122	Interior	Room 4	Window Sash	C	Metal	White	Deteriorated	0.0
8/28/2018	123	Interior	Room 1	Window Casing	A	Metal	White	Deteriorated	-0.4
8/28/2018	124	Interior	Room 1	Window Sash	A	Metal	White	Deteriorated	-0.1
8/28/2018	125	Interior	Room 5	Door Casing	A	Metal	Black	Deteriorated	-0.1
8/28/2018	126	Interior	Room 5	Door Jamb	A	Metal	Black	Deteriorated	-0.2

Reading Date	Reading Number	Interior / Exterior	Room ID	Structure	Side A,B,C,D	Substrate	Color	Paint Condition	Reading (mg/cm)
8/28/2018	127	Interior	Multipurpose Room	Window Sash	C	Metal	White	Deteriorated	-0.1
<b>8/28/2018</b>	<b>128</b>	<b>Interior</b>	<b>Multipurpose Room</b>	<b>Window Casing</b>	<b>C</b>	<b>Metal</b>	<b>White</b>	<b>Deteriorated</b>	<b>0.8</b>
8/28/2018	129	Interior	Kitchen	Door Casing	A	Metal	Black	Deteriorated	-0.2
8/28/2018	130	Interior	Kitchen	Door Jamb	A	Metal	Black	Deteriorated	0.0
8/28/2018	131	Interior	Room 23	Door Casing	A	Metal	Black	Deteriorated	0.0
8/28/2018	132	Interior	Room 23	Door Jamb	A	Metal	Black	Deteriorated	-0.1
8/28/2018	133	Interior	In front of Room 11	Pole		Metal	Pink	Deteriorated	-0.1
8/28/2018	134	Interior	Room 11	Door Casing	A	Metal	Black	Deteriorated	-0.1
8/28/2018	135	Interior	Room 11	Door Jamb	A	Metal	Black	Deteriorated	-0.1
8/28/2018	136	Interior	Room 9	Door Casing	A	Metal	Black	Deteriorated	-0.1
8/28/2018	137	Interior	Room 9	Door Jamb	A	Metal	Black	Deteriorated	0.0
8/28/2018	138	Interior	Across Room 18	Window Sash	C	Metal	White	Deteriorated	0.0
8/28/2018	139	Interior	Office 15	Door Casing	C	Metal	Black	Deteriorated	0.2
8/28/2018	140	Interior	Office 15	Door Jamb	C	Metal	Black	Deteriorated	0.0
8/28/2018	141	Interior	Across Room 9	Window Casing	D	Metal	White	Deteriorated	-0.2
8/28/2018	142	Interior	Across Room 9	Window Sill	D	Metal	Black	Deteriorated	-0.3
8/28/2018	143	Interior	Room 2 (Storage)	Door Casing	C	Metal	Black	Deteriorated	0.0
8/28/2018	144	Interior	Room 2 (Storage)	Door Jamb	C	Metal	Black	Deteriorated	0.0
8/28/2018	145	Interior	Staff Lounge	Door Casing	C	Metal	Black	Deteriorated	0.0
8/28/2018	146	Interior	Staff Lounge	Door Jamb	C	Metal	Black	Deteriorated	0.2
<b>8/28/2018</b>	<b>147</b>	<b>Interior</b>	<b>Staff Lounge</b>	<b>Pole</b>		<b>Metal</b>	<b>Black</b>	<b>Deteriorated</b>	<b>5.0</b>
8/28/2018	148	Interior	Outside Main Office	Ramp handle		Wood	Grey	Deteriorated	-0.1
8/28/2018									1.1
8/28/2018	Calibration (Post)								1.0
8/28/2018									1.0

## **APPENDIX B – SUMMARY OF COMPONENTS WITH DETERIORATED PAINT**

Table 2: Summary of deteriorated paints									
Reading Date	Reading Number	Interior / Exterior	Room ID	Structure	Side A,B,C,D	Substrate	Color	Paint Condition	Reading (mg/cm)
6/8/2018	4	Interior	Room 2	Door Jamb	A	Wood	Black	Deteriorated	-0.2
6/8/2018	6	Interior	Room 2	Window Sash	C3	Metal	White	Deteriorated	-0.2
6/8/2018	12	Interior	Room 2	Radiator	C	Metal	Beige	Deteriorated	-0.2
6/8/2018	16	Interior	Room 3	Window Sash	A3	Metal	White	Deteriorated	-0.3
6/8/2018	43	Interior	Behavioral Resources	Window Sash	B1	Metal	White	Deteriorated	-0.1
6/8/2018	53	Interior	Art Therapy	Window Sash	D	Metal	White	Deteriorated	-0.1
6/8/2018	64	Interior	Office 17	Window Sash	C	Metal	White	Deteriorated	-0.2
6/8/2018	89	Interior	Conference Room 7	Window Sill	A2	Wood	White	Deteriorated	-0.1
6/8/2018	90	Interior	Conference Room 7	Window Casing	A2	Wood	White	Deteriorated	-0.3
6/8/2018	95	Interior	Original Hallway	Door	C	Metal	White	Deteriorated	-0.2
6/8/2018	105	Interior	Original Hallway	Window Casing	D	Wood	White	Deteriorated	-0.1
8/28/2018	121	Interior	Room 4	Window Casing	C	Metal	White	Deteriorated	-0.2
8/28/2018	122	Interior	Room 4	Window Sash	C	Metal	White	Deteriorated	0.0
8/28/2018	123	Interior	Room 1	Window Casing	A	Metal	White	Deteriorated	-0.4
8/28/2018	124	Interior	Room 1	Window Sash	A	Metal	White	Deteriorated	-0.1
8/28/2018	125	Interior	Room 5	Door Casing	A	Metal	Black	Deteriorated	-0.1
8/28/2018	126	Interior	Room 5	Door Jamb	A	Metal	Black	Deteriorated	-0.2
8/28/2018	127	Interior	Multipurpose Room	Window Sash	C	Metal	White	Deteriorated	-0.1
<b>8/28/2018</b>	<b>128</b>	<b>Interior</b>	<b>Multipurpose Room</b>	<b>Window Casing</b>	<b>C</b>	<b>Metal</b>	<b>White</b>	<b>Deteriorated</b>	<b>0.8</b>
8/28/2018	129	Interior	Kitchen	Door Casing	A	Metal	Black	Deteriorated	-0.2
8/28/2018	130	Interior	Kitchen	Door Jamb	A	Metal	Black	Deteriorated	0.0
8/28/2018	131	Interior	Room 23	Door Casing	A	Metal	Black	Deteriorated	0.0
8/28/2018	132	Interior	Room 23	Door Jamb	A	Metal	Black	Deteriorated	-0.1
8/28/2018	133	Interior	In front of Room 11	Pole		Metal	Pink	Deteriorated	-0.1
8/28/2018	134	Interior	Room 11	Door Casing	A	Metal	Black	Deteriorated	-0.1
8/28/2018	135	Interior	Room 11	Door Jamb	A	Metal	Black	Deteriorated	-0.1
8/28/2018	136	Interior	Room 9	Door Casing	A	Metal	Black	Deteriorated	-0.1
8/28/2018	137	Interior	Room 9	Door Jamb	A	Metal	Black	Deteriorated	0.0
8/28/2018	138	Interior	Across Room 18	Window Sash	C	Metal	White	Deteriorated	0.0
8/28/2018	139	Interior	Office 15	Door Casing	C	Metal	Black	Deteriorated	0.2
8/28/2018	140	Interior	Office 15	Door Jamb	C	Metal	Black	Deteriorated	0.0
8/28/2018	141	Interior	Across Room 9	Window Casing	D	Metal	White	Deteriorated	-0.2
8/28/2018	142	Interior	Across Room 9	Window Sill	D	Metal	Black	Deteriorated	-0.3
8/28/2018	143	Interior	Room 2 (Storage)	Door Casing	C	Metal	Black	Deteriorated	0.0
8/28/2018	144	Interior	Room 2 (Storage)	Door Jamb	C	Metal	Black	Deteriorated	0.0
8/28/2018	145	Interior	Staff Lounge	Door Casing	C	Metal	Black	Deteriorated	0.0
8/28/2018	146	Interior	Staff Lounge	Door Jamb	C	Metal	Black	Deteriorated	0.2
<b>8/28/2018</b>	<b>147</b>	<b>Interior</b>	<b>Staff Lounge</b>	<b>Pole</b>		<b>Metal</b>	<b>Black</b>	<b>Deteriorated</b>	<b>5.0</b>
8/28/2018	148	Interior	Outside Main Office	Ramp handle		Wood	Grey	Deteriorated	-0.1

**APPENDIX C – FLOOR PLAN INDICATING LOCATIONS FOR XRF INSPECTION**



FAIRLAND CENTER

**LEGEND**  
 Areas shaded are locations for XRF inspection.

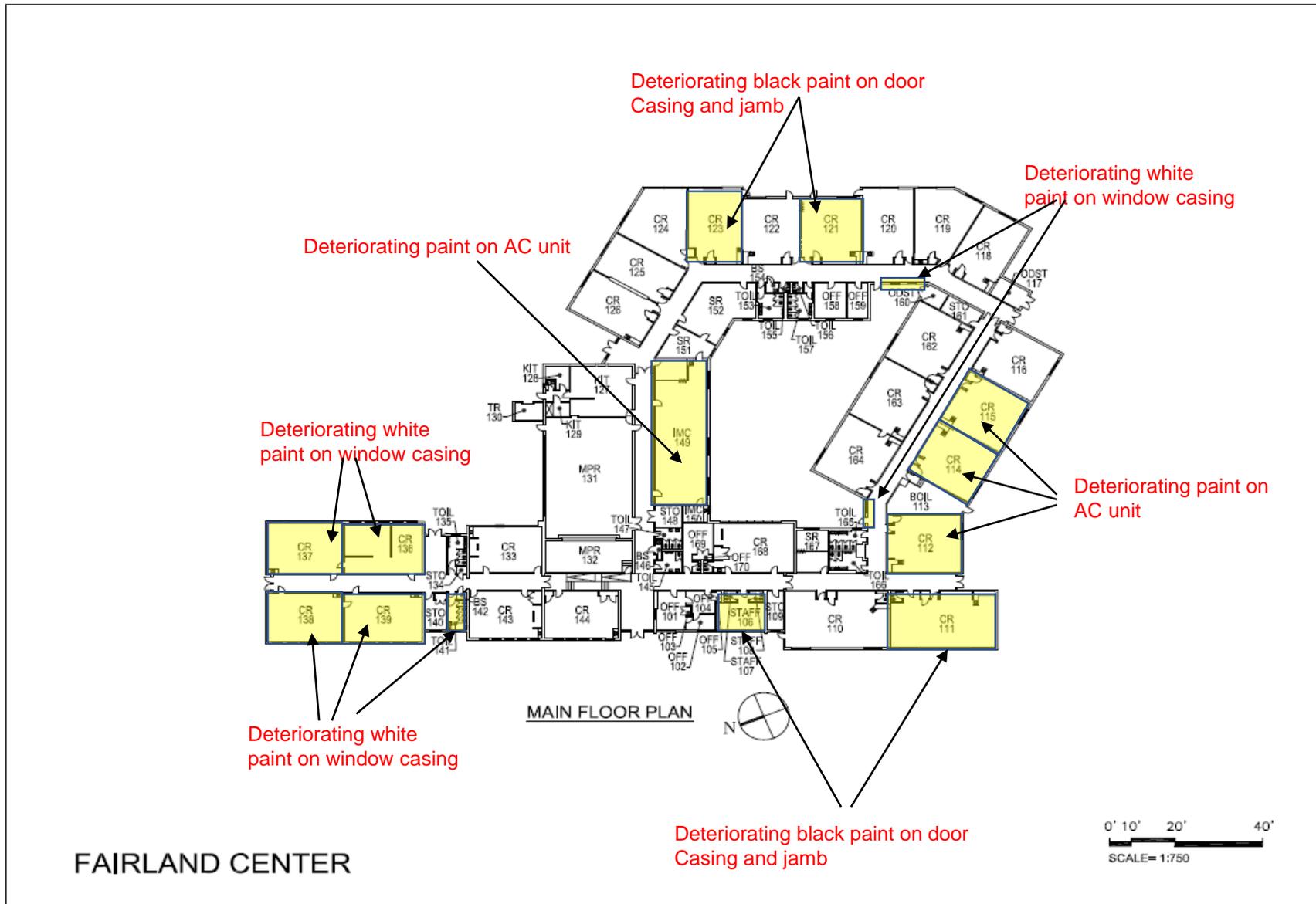
FIGURE 1  
 Specific Lead Survey XRF Location Map  
 (Not to Scale)

0' 10' 20' 40'  
 SCALE= 1:750



2930 Eskridge Road -  
 Fairfax, VA 22031  
 (703) 698-9300 –  
 FAX (703) 698-4414

Fairland Center  
 13313 Old Columbia Pike,  
 Silver Spring, MD 20904  
 PSI Project No. 04481290



 <p>2930 Eskridge Road - Fairfax, VA 22031 (703) 698-9300 – FAX (703) 698-4414</p>	<p><b>FIGURE 2</b> Visual Inspection for pre 1979 structures with deteriorating paint (Not to Scale)</p>	<p>Fairland Center 13313 Old Columbia Pike, Silver Spring, MD 20904 PSI Project No. 04481290</p>
---	--	--

**APPENDIX D – PHOTOGRAPHS OF EXAMPLES OF COMPONENTS WITH DETERIORATED  
PAINT**



**Photo 1: Deteriorated black paint on metal door jamb  
(Negative XRF reading)**



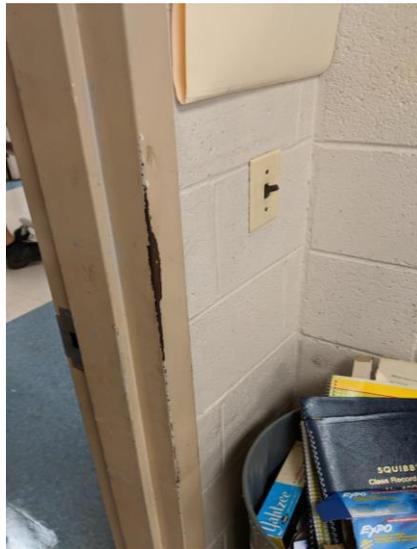
**Photo 2: Deteriorated black paint on metal door casing  
(Negative XRF reading)**



**Photo 3: Deteriorated grey paint on wooded ramp handle  
(Negative XRF reading)**



**Photo 4: Deteriorated white paint on metal window casing  
(Positive XRF Reading)**



**Photo 5: Deteriorated white paint on metal door casing and jamb  
(Negative XRF Readings)**



**Photo 6: Deteriorated white paint on metal window sill  
(Negative XRF Readings)**