FRANCE ENVIRONMENTAL

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May 10, 2019

SMBW
111 Virginia Street
Suite 111
Richmond, Virginia 23219

ATTN.: Mr. Taylor Clark, AIA
Architecture

RE: Lead-Based Paint (LBP) Survey Report
American Bank & Trust Co. Building
Entire Building Renovation Project
1518 Hull Street
Richmond, Virginia 23224
FEI Project Number: FEI-19AL171

Dear Mr. Clark:

France Environmental, Inc. (FEI) is forwarding one (1) copy of the Lead Sampling Survey Report for the comprehensive lead inspection recently completed for the above referenced vacant commercial property. The results of this testing, conducted on April 19, 2019, can be found in the accompanying report.

We appreciate this opportunity to provide professional services for this project. If we can be of further assistance, or if you have any questions concerning this report, please do not hesitate to call.

Respectfully submitted,

FRANCE ENVIRONMENTAL, INC.

Micheal D. Allshouse
Lead Risk Assessor

Chad Smith
Senior Project Manager

Enclosures

LEAD-BASED PAINT SURVEY REPORT

Conducted At:

AMERICAN BANK & TRUST CO.
(VACANT COMMERCIAL BUILDING)
1818 HULL STREET
RICHMOND, VIRGINIA 23224

Prepared For:

SMBW
111 VIRGINIA STREET
SUIT 111
RICHMOND, VIRGINIA 23219

Prepared By**:**

FRANCE ENVIRONMENTAL, INC.
7834 FOREST HILL AVENUE
SUITE 7
RICHMOND, VIRGINIA 23225

FEI PROJECT NO. FEI-19AL171

MAY 10, 2018

TABLE OF CONTENTS

1.0 SUMMARY

France Environmental, Inc. (FEI) was retained by SMBW to conduct a comprehensive lead-based paint sampling survey of the American Bank & Trust Co. (vacant commercial building), which is located at 1518 Hull Street Richmond, Virginia. FEI's scope of work included a survey of the interior and exterior of the structure, including roof. FEI Lead Inspector/Risk Assessor, Mr. Micheal D. Allshouse (Virginia Lead Inspector/Risk Assessor License Number 3356001040) conducted the fieldwork on April 19, 2019. A summary of findings is contained in the following paragraph(s).

XRF test results indicated that lead is present above 1.0 mg/cm^2 on the following painted building components:

INTERIOR

- **Black Painted Metal Fire Escape Components**
- **Cream Painted Metal Window Components**

EXTERIOR

- **White Ceramic Glazed Restroom Fixtures (Toilets & Sinks)**
- **Cream Painted Metal Radiators**
- **Tan Painted Metal Radiators**
- **Black Painted Metal Vault Door & Door Casing**
- **Black Painted Metal Security Door & Door Casing**
- **Black Painted Metal Stair Components**
- **Green Painted Elevator Motor Casing & Frame**
- **Dark Green Painted Plaster Walls**
- **Blue Ceramic Glazed Sinks**
- **Light & Dark Green Painted Metal Pipe**
- **Tan Ceramic Glazed Wall Tile**
- **Cream Painted Metal Stair Components**
- **Brown Painted Metal Window Components**
- **Brown Painted Metal Radiators**
- **Green Painted Metal Radiators**
- **Green Painted Metal Window Components**
- **Green Painted Wood Crown Molding**
- **Green Painted Metal Door Casing**
- **Black Painted Metal Radiators**
- **Tan Painted Plaster Walls**
- **Tan Painted Metal Door Casing**
- **Tan Painted Metal Window Components**
- **Brown Painted Metal Door Casing**
- **Light Blue Painted Plaster Walls**
- **Gray Painted Plaster Ceilings**
- **Gray Painted Metal Window Components**
- **Cream Painted Plaster Walls**

During the lead inspection, FEI may not conduct lead testing in every room and/or sample every painted/varnished/stained building component. However, all like building materials, i.e., same color/substrate, etc., are grouped together and considered positive or negative in conjunction with the building materials that were sampled. FEI conducts sampling of building materials that are representative of the possible lead containing materials in a building.

Employers whose workers conduct tasks that disturb painted surfaces should be aware that the OSHA Lead regulation for construction (29 CFR 1926.62) applies to work involving paint containing any measurable amount of lead, not just paint containing lead at concentrations equal to or greater than 1.0 mg/cm^2.

A list of all components testing positive for lead can be found in Table I. A complete summary of all XRF test results is included in Appendix A of this report.

2.0 INTRODUCTION

2.1 GENERAL INFORMATION

The building for which this testing was performed is the American Bank & Trust Co. (vacant commercial building), which consists of a three-story, concrete construction building with a basement. Various interior and exterior painted building components were included in this lead survey.

The commercial building was constructed prior to 1978. In 1978, the Consumer Product Safety Commission banned the sale of lead-based paint to consumers, and its application to areas where consumers have direct access to painted surfaces. As a result of this ban, buildings painted prior to 1978 are suspected of containing lead paint.

This report has been prepared for the exclusive use of SMBW and Church Hill Ventures. It is not intended for the use or benefit of any other party.

2.2 AUTHORIZATION

Authorization to perform this testing was given in the form of an email authorization to proceed on April 12, 2019 from Mr. Taylor Clark in accordance with FEI's email proposal dated April 10, 2019. Access to the building was provided by American Bank & Trust Co. Staff Employees. Testing was conducted during normal business hours.

2.3 PURPOSE

The purpose of the lead-based paint testing was to identify painted surfaces or other surface coatings that contain lead in excess of 1.0 mg/cm^2 by XRF testing or 0.5% by weight (5000 ppm) by laboratory analysis.

The information provided in this report may be used to make decisions regarding lead-based paint management and abatement strategies or the need for additional testing.

2.4 WARRANTY

The information contained in this report is based upon the data furnished by SMBW and observations and test results provided by FEI. These observations and results are time dependent, are subject to changing site conditions, and revisions to Federal, state, and local regulations.

FEI warrants that these findings have been promulgated after being prepared in accordance with generally accepted practices in the lead-based paint testing industry. No other warranties are implied or expressed.

FEI also recognizes that raw XRF and laboratory test data are usually not sufficient to make all abatement and management decisions and recommends that FEI be afforded an opportunity to review abatement specifications so test results may be properly interpreted and implemented.

3.0 SCOPE OF SERVICES

The scope of services for this project included an interview with Client contacts to determine the approximate construction date and painting history of the building and areas to be tested, the performance of field and laboratory testing programs, and the preparation of a report detailing where and at what concentrations lead was found.

During the lead inspection, FEI may not conduct lead testing in every room and/or sample every painted/varnished/stained building component. However, all like building materials, i.e., same color/substrate, etc., are grouped together and considered positive or negative in conjunction with the building materials that were sampled. FEI conducts sampling of building materials that are representative of the possible lead containing materials in a building.

XRF testing of interior and exterior components was performed on randomly selected painted, stained, and/or varnished surfaces in general accordance with the U.S. Department of Housing and Urban Development (HUD) Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing, Chapter 7: Lead-Based Paint Inspection, 2nd Edition, 2012.

Prior to conducting the lead-based paint testing, SMBW was advised that a number of paint samples and substrate readings may have to be obtained which would require the removal of paint-chip samples from painted surfaces. Paint-chip sampling is generally required when an irregular or unusually small surface is encountered which cannot be assayed with an XRF device or when initial XRF test values are inconclusive. If conducted, an effort would have been made to collect bulk samples from inconspicuous or damaged locations where possible, but restoration of sampled surfaces would have not been within the scope of this survey. ***Paint-chip sampling was not required for this project as no inconclusive values were obtained.***

4.0 METHODOLOGY

4.1 FIELD SURVEY - GENERAL

XRF field-testing was performed with the LPA-1, manufactured by Radiation Monitoring Devices (RMD). The use of a portable, non-destructive testing device is advantageous when numerous tests must be performed because of its brief testing time and relatively low cost compared to laboratory methods.

XRF test data, including calibration checks against standards, and confirmation paint-chip samples were recorded on inspection worksheet(s) to generate a permanent record of the field findings. XRF test data stored in a data logger can also be used to generate the final report.

4.2 XRF TESTING

XRF values are collected by placing the scanner on the test surface and exposing the lead paint film to gamma radiation. XRF analyzers are usually capable of penetrating up to 25 layers of paint to determine lead content. At the conclusion of each test, the shutter is closed and the display on the control console shows the lead concentration in mg/cm^2 for manual tabulation, or in some cases, store sampling information in sequence in a data logger, which can be transferred to a computer for sorting and report generation.

4.3 INTERPRETATION OF XRF RESULTS - SPECTRUM ANALYZER

XRF results are identified as positive, negative, or inconclusive based on Performance Characteristic Sheets (PCS), developed by HUD and EPA for each model of XRF device that is commercially available.

"Positive" refers to XRF results greater than or equal to the threshold.

"Negative" refers to XRF results less than the threshold.

The Federal Guidelines recommend classifying XRF results to the 1.0 mg/cm^2 standard whenever possible. If states or local jurisdictions adopt standards that differ from the Federal Guideline, the most stringent rules are applied.

For this project:

"**Positive"** refers to XRF results greater than or equal to (1.0 mg/cm^2)

"**Negative"** refers to XRF results less than (1.0 mg/cm^2)

4.4 REPORT FORMAT

Spreadsheets containing a compilation of XRF sampling results by building component for tested areas are included in Appendix A of this report. Individual test spots are listed in the spreadsheets, including but not limited to a unique sample number, color and paint condition, substrate type, a description of the building component, location, positive quantity, lab result, quick mode, and the test value in mg/cm^2. Summary data listing all components testing positive for lead-based paint according to HUD Guidelines are listed in Table(s) I.

The Sample Location Drawing will show where components were tested for lead-based paint. The numbered XRF test spots are presented in Appendix B of this report.

4.5 CONFIRMATION LABORATORY SAMPLES

The collection of paint-chip samples is required when initial XRF test values are inconclusive or when an irregular or unusually small surface was encountered which cannot be assayed with an XRF device. Paint-chip sampling was not required for this project as no inconclusive values were obtained.

5.0 FINDINGS

XRF values taken from painted building components indicated lead is present above the EPA/HUD established action level of 1.0 mg/cm^2 for lead on the following painted components:

INTERIOR

- **Black Painted Metal Fire Escape Components**
- **Cream Painted Metal Window Components**

EXTERIOR

- **White Ceramic Glazed Restroom Fixtures (Toilets & Sinks)**
- **Cream Painted Metal Radiators**
- **Tan Painted Metal Radiators**
- **Black Painted Metal Vault Door & Door Casing**
- **Black Painted Metal Security Door & Door Casing**
- **Black Painted Metal Stair Components**
- **Green Painted Elevator Motor Casing & Frame**
- **Dark Green Painted Plaster Walls**
- **Blue Ceramic Glazed Sinks**
- **Light & Dark Green Painted Metal Pipe**
- **Tan Ceramic Glazed Wall Tile**
- **Cream Painted Metal Stair Components**
- **Brown Painted Metal Window Components**
- **Brown Painted Metal Radiators**
- **Green Painted Metal Radiators**
- **Green Painted Metal Window Components**
- **Green Painted Wood Crown Molding**
- **Green Painted Metal Door Casing**

- **Black Painted Metal Radiators**
- **Tan Painted Plaster Walls**
- **Tan Painted Metal Door Casing**
- **Tan Painted Metal Window Components**
- **Brown Painted Metal Door Casing**
- **Light Blue Painted Plaster Walls**
- **Gray Painted Plaster Ceilings**
- **Gray Painted Metal Window Components**
- **Cream Painted Plaster Walls**

<u>NOTE</u>: Due to the very poor condition of the lead based painted components in the structure most of the building with the exception of a majority of the first floor are contaminated with lead based paint debris.

During the lead inspection, FEI may not conduct lead testing in every room and/or sample every painted/varnished/stained building component. However, all like building materials, i.e., same color/substrate, etc., are grouped together and considered positive or negative in conjunction with the building materials that were sampled. FEI conducts sampling of building materials that are representative of the possible lead containing materials in a building.

Refer to Table I for a summary of specific locations of components testing positive for lead-based paint. Area data sheets providing XRF results for all components tested can be found in Appendix A. Paint-chip sampling was not required for this project.

Although various positive XRF values were detected at the building during the field inspection, SMBW should recognize that paint films usually have varying amounts of lead on what appears to be a homogeneous painted area.

Employers whose workers conduct tasks that disturb painted surfaces should be aware that the <u>OSHA Lead regulation for construction (29 CFR 1926.62) applies to work involving paint containing any measurable amount of lead</u>, not just paint containing lead at concentrations equal to or greater than 1.0 mg/cm^2. Employers should be advised to comply with all applicable requirements of the OSHA Lead standard including, but not limited to: employee training; use of respirators and personal protective equipment; exposure monitoring; medical surveillance; and work practices.

Waste (paint chips, painted building components, etc.) generated from activities such as building renovation or re-painting that disturb painted surfaces must be assessed to determine if the waste will be considered hazardous according to EPA regulations. A composite sample of the waste should be collected and analyzed using the Toxicity Characteristic Leaching Procedure (TCLP) for lead. Solid waste with lead TCLP results greater than or equal to 5 parts per million (ppm) is considered hazardous waste and must be disposed or in accordance with applicable U.S. EPA and Commonwealth of Virginia regulations.

This report should be read in its entirety, including detailed information, which is contained in other sections and appendices.

5.1 SUMMARY DATA TABLE(S)

TABLE I
LBP SURVEY
AREA SUMMARY DATA SHEET
AMERICAN BANK & TRUST CO.
1518 HULL STREET
RICHMOND, VIRGINIA

The following list of building components tested positive for lead-based paint:

XRF Sample #	Building Component	Paint Color	Sample Location	Substrate	Condition	Lead mg/cm^2
Exterior						
4	Frame	Black	Exterior Fire Escape	M	N/80	5.1
5	Ladder	Black	Exterior Fire Escape	M	N/80	3.5
6	Handrail	Black	Exterior Fire Escape	M	N/80	2.9
7	Floor	Black	Exterior Fire Escape	M	N/80	1.9
9	Windowsill	Cream	Exterior Southeast Rear 2nd Floor Elevation	M	N/25	3.1
10	Window Sash	Cream	Exterior Southeast Rear 2nd Floor Elevation	M	N/25	1.7
11	Window Casing	Cream	Exterior Southeast Rear 2nd Floor Elevation	M	N/25	2.9
12	Window Lintel	Cream	Exterior Southeast Rear 2nd Floor Elevation	M	N/25	3.1
15	Security Bars	Cream	Exterior Northeast Elevation	M	N/30	3.7
16	Windowsill	Cream	Exterior Northeast Elevation	M	N/50	4.7
17	Window Sash	Cream	Exterior Northeast Elevation	M	N/50	4.5
18	Window Casing	Cream	Exterior Northeast Elevation	M	N/50	6.1
19	Window Lintel	Cream	Exterior Northeast Elevation	M	N/50	8.8

Notes: M = Metal; I = Intact; N = Non-Intact (Deteriorated)

TABLE I
LBP SURVEY
AREA SUMMARY DATA SHEET
AMERICAN BANK & TRUST CO.
1518 HULL STREET
RICHMOND, VIRGINIA

The following list of building components tested positive for lead-based paint:

XRF Sample #	Building Component	Paint Color	Sample Location	Substrate	Condition	Lead mg/cm^2
INTERIOR						
27	Sink	White	Interior – Basement Restroom 1	CG	N/20	>9.9
28	Toilet	White	Interior – Basement Restroom 1	CG	N/20	3.2
31	Radiator	Cream	Interior – Basement Ceiling Restroom 1	M	N/2	>9.9
40	Radiator	Tan	Basement Room B-1	M	N/2	>9.9
47	Vault Door	Black	Basement Hall 1	M	N/2	2.2
48	Vault Casing	Black	Basement Hall 1	M	N/2	2.0
50	Security Door	Black	Basement Room B-5	M	N/10	1.5
51	Security Casing	Black	Basement Room B-5	M	N/15	2.4
60	Sink	White	Basement Room B-6	CG	I	>9.9
61	Toilet	White	Basement Restroom 2	CG	I	3.9
63	Stair Stringer	Gray	Restroom 2 Underside	M	N/20	1.9
64	Stair Riser	Gray	Restroom 2 Underside	M	N/30	1.7
69	Wall Lower	Dk Green	Hall 2	P	N/50	3.5
80	Wall	Dk Green	Hall 2 @ Stairwell	P	N/40	5.2
81	Stair Newel	Black	Basement Hall 2 Stairwell	M	N/30	1.4
83	Stair Baluster	Black	Basement Hall 2 Stairwell	M	N/30	1.9
84	Stair Stringer	Black	Basement Hall 2 Stairwell	M	N/20	1.7
85	Stair Riser	Black	Basement Hall 2 Stairwell	M	N/50	1.6
86	Sink	Blue	Basement Room B-8	CG	I	
90	Wall Upper	Lt Green	Basement Room B-8	P	N/50	2.3
91	Wall Lower	Dk Green	Basement Room B-8	P	N/70	1.8

Notes: M = Metal; I = Intact; N = Non-Intact (Deteriorated)

TABLE I
LBP SURVEY
AREA SUMMARY DATA SHEET
AMERICAN BANK & TRUST CO.
1518 HULL STREET
RICHMOND, VIRGINIA

The following list of building components tested positive for lead-based paint:

XRF Sample #	Building Component	Paint Color	Sample Location	Substrate	Condition	Lead mg/cm^2
INTERIOR						
93	Pipe	Lt Green	Basement Room B-8	M	N/80	3.2
94	Pipe	Dr Green	Basement Room B-8	M	N/80	3.7
97	Wall	Tan	Basement Restroom #3	CT	I	1.3
98	Sink	White	Basement Restroom #3	CG	I	2.1
165	Stair Newell	Cream	1st Floor Rear Stairwell	M	N/2	1.7
166	Stair Baluster	Cream	1st Floor Rear Stairwell	M	N/2	1.9
167	Stair Stringer	Black	1st Floor Rear Stairwell	M	N/10	1.9
168	Stair Riser	Black	1st Floor Rear Stairwell	M	N/20	2.4
170	Wall Lower	Dk Green	Front Stairwell 2nd Floor Landing	P	N/30	3.1
171	Window Sash	Brown	Front Stairwell 2nd Floor Landing	M	N/50	4.2
172	Window Casing	Brown	Front Stairwell 2nd Floor Landing	M	N/60	5.4
175	Window Sash	Brown	2nd Floor Room 200	M	N/30	4.5
176	Window Casing	Brown	2nd Floor Room 200	M	N/30	5.6
179	Radiator	Brown	2nd Floor Room 200	M	I	1.6
184	Radiator	Green	2nd Floor Room 201	M	N/10	1.3
185	Window Sash	Green	2nd Floor Room 201	M	N/70	3.2
186	Window Casing	Green	2nd Floor Room 201	M	N/70	4.6
187	Crown Molding	Green	2nd Floor Room 201	W	N/5	4.3
190	Door Casing	Green	2nd Floor Room 201	W	N/10	2.4
191	Radiator	Green	2nd Floor Room 203	M	I	1.4
192	Crown Molding	Green	2nd Floor Room 203	W	I	1.9
193	Door Casing	Green	2nd Floor Room 203	W	N/10	3.1
196	Sink	White	2nd Floor Between 201 & 203	CG	I	>9.9
197	Radiator	Brown	2nd Floor Between 201 & 203	M	I	>9.9
199	Radiator	Black	2nd Floor 203A	M	N/15	1.9

Notes: M = Metal; I = Intact; N = Non-Intact (Deteriorated)

TABLE I
LBP SURVEY
AREA SUMMARY DATA SHEET
AMERICAN BANK & TRUST CO.
1518 HULL STREET
RICHMOND, VIRGINIA

The following list of building components tested positive for lead-based paint:

XRF Sample #	Building Component	Paint Color	Sample Location	Substrate	Condition	Lead mg/cm^2
INTERIOR						
201	Sink	White	2nd Floor Janitor's Closet	CG	I	>9.9
202	Wall	Tan	2nd Floor Room 205	P	N/10	4.3
204	Door Casing	Tan	2nd Floor Room 205	M	N/10	2.3
214	Radiator	Tan	2nd Floor Room 207	M	N/30	1.4
218	Window Sash	Tan	2nd Floor Room 208	M	N/25	7.4
219	Window Casing	Tan	2nd Floor Room 208	M	N/30	5.4
224	Sink	White	2nd Floor Room 209	CG	I	>9.9
230	Door Casing	Green	2nd Floor Room 209	M	N/5	3.7
231	Door Casing	Brown	2nd Floor Room 209	M	N/5	4.1
232	Wall	Lt Blue	3rd Floor Room 309	D	N/30	3.7
233	Wall	Lt Blue	3rd Floor Room 309	P	N/20	4.5
234	Ceiling	Gray	3rd Floor Room 309	P	N/70	1.7
238	Radiator	Brown	3rd Floor Room 309	M	N/2	1.3
239	Wall	Tan	3rd Floor Room 310	P	N/20	2.0
240	Wall	Tan	3rd Floor Room 310	P	N/30	2.1
238	Radiator	Brown	3rd Floor Room 309	M	N/2	1.3
242	Ceiling	Gray	3rd Floor Room 310	P	N/60	1.9
244	Door Casing	Tan	3rd Floor Room 310	M	N/40	3.1
245	Door Casing	Brown	3rd Floor Room 310	M	N/50	4.2
249	Ceiling	Gray	3rd Floor Room 311 A	D	N/40	1.8
250	Window Sash	Gray	3rd Floor Room 311 A	M	N/80	3.7
251	Window Casing	Gray	3rd Floor Room 311 A	M	N/80	5.1
253	Wall Lower	Dk Green	Hall at 306	P	N/50	3.5
262	Door Casing	Brown	Room 305	M	N/15	2.5
263	Door Casing	Brown	Electrical Closet	M	N/10	3.7
264	Door Casing	Brown	Room 304	M	N/15	2.1
265	Wall	Cream	3rd Floor Room 304	P	N/15	1.3
276	Ceiling	Gray	3rd Floor Room 304C	P	N/40	1.5
277	Door Casing	Gray	3rd Floor Room 304C	M	N/50	1.9

Notes: M = Metal; I = Intact; N = Non-Intact (Deteriorated)

APPENDICES

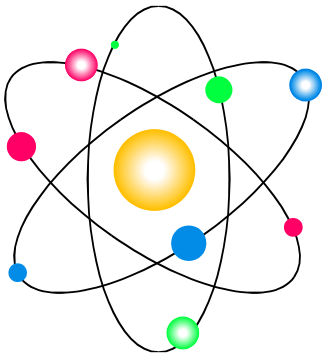
APPENDIX A. - XRF TEST RESULTS

APPENDIX B. - SAMPLE LOCATION DRAWINGS

APPENDIX C. – PHOTOGRAPHS (LBP-CONTAINING BUILDING MATERIALS)

APPENDIX D. - LEAD INSPECTOR LICENSES

APPENDIX A.



XRF TEST RESULTS

LEAD-BASED PAINT
SAMPLE DATA SHEET

Area Name: American Bank & Trust Co.
Unit Address: 1518 Hull Street
Richmond VA

Project No FEI-19AL171

Operator: Micheal Allshouse
Recorder: Micheal Allshouse
RMD Model: LPA-1
Serial No.: 2610
Inspection Date: 04-19-19

RMD Model: LPA-1 Calibration Check Tolerance: ±0.3					Serial No.: 2610 Cal. Block Value: 1.0 mg/cm^2	
	1st	2nd	3rd	Avg.	Diff. between Avg. and Cal. Block	Time
Entry	1.2	1.0	1.0			8:00 AM
Mid	0.9	1.1	0.7			12:10 PM
Exit	0.8	0.8	1.0			3:00 PM

Key:

M=metal
W=wood
G=gypsum
P=plaster
PC=poured concrete
RM=roofing material
WP=wood panel
CG=ceramic glaze
C=concrete
T=tile
B=brick
D=drywall
CB=concrete block
TR=transite
CT=ceramic tile
I=Indicates surface is intact
N=NON-intact in (%) increments (Deteriorated Paint)

Sample/ Test #	Building Component	Paint Color	Sample Location	Sub Type	Surf Cond.	Quick (mg/cm^2)	Pos. Quantity (No. or SF)
1	Door	Lt Green/Pink	Exterior Roof	M	N/20	0.7	
2	Flashing	Brown	Exterior Roof	M	N/20	-0.1	
3	I-Beam	Lt Green/Pink	Exterior Roof	M	N/50	0.5	
4	**Frame**	**Black**	**Exterior Fire Escape**	**M**	**N/80**	**5.1**	
5	**Ladder**	**Black**	**Exterior Fire Escape**	**M**	**N/80**	**3.5**	
6	**Handrail**	**Black**	**Exterior Fire Escape**	**M**	**N/80**	**2.9**	
7	**Floor**	**Black**	**Exterior Fire Escape**	**M**	**N/80**	**1.9**	
8	**Steps**	**Black**	**Exterior Fire Escape**	**M**	**N/80**	**2.1**	
9	**Windowsill**	**Cream**	**Exterior Southeast Rear 2nd Floor Elevation**	**M**	**N/25**	**3.1**	
10	**Window Sash**	**Cream**	**Exterior Southeast Rear 2nd Floor Elevation**	**M**	**N/25**	**1.7**	
11	**Window Casing**	**Cream**	**Exterior Southeast Rear 2nd Floor Elevation**	**M**	**N/25**	**2.9**	
12	**Window Lintel**	**Cream**	**Exterior Southeast Rear 2nd Floor Elevation**	**M**	**N/25**	**3.1**	
13	Door	Cream	Exterior Southeast Rear 3rd Floor Elevation	M	N/30	0.5	
14	Door Casing	Brown	Exterior Southeast Rear 3rd Floor Elevation	M	N/30	-0.3	
15	**Security Bars**	**Cream**	**Exterior Northeast Elevation**	**M**	**N/30**	**3.7**	
16	**Windowsill**	**Cream**	**Exterior Northeast Elevation**	**M**	**N/50**	**4.7**	
17	**Window Sash**	**Cream**	**Exterior Northeast Elevation**	**M**	**N/50**	**4.5**	
18	**Window Casing**	**Cream**	**Exterior Northeast Elevation**	**M**	**N/50**	**6.1**	
19	**Window Lintel**	**Cream**	**Exterior Northeast Elevation**	**M**	**N/50**	**8.8**	
20	Security Grate	Brown	Exterior Southwest	M	N/2	-0.2	
21	Handrail	Brown	Exterior Southwest	M	N/10	-0.1	

For an explanation of the XRF Quick value parameters see the LBP Survey Methodology Section of this Report.

LEAD-BASED PAINT
SAMPLE DATA SHEET

Area Name: American Bank & Trust Co.
Unit Address: 1518 Hull Street
Richmond VA

Project No FEI-19AL171

Operator: Micheal Allshouse
Recorder: Micheal Allshouse
RMD Model: LPA-1
Serial No.: 2610
Inspection Date: 04-19-19

Key:

M=metal
W=wood
G=gypsum
P=plaster
PC=poured concrete
RM=roofing material
WP=wood panel
CG=ceramic glaze

C=concrete
T=tile
B=brick
D=drywall
CB=concrete block
TR=transite
CT=ceramic tile

I=Indicates surface is intact
N=NON-intact in (%) increments (Deteriorated Paint)

Sample/ Test #	Building Component	Paint Color	Sample Location	Sub Type	Surf Cond.	Quick (mg/cm^2)	Pos. Quantity (No. or SF)
22	Wall	Cream	Interior – Basement Restroom 1	P	N/25	-0.1	
23	Wall	Cream	Interior – Basement Restroom 1	P	N/30	-0.2	
24	Ceiling	Cream	Interior – Basement Restroom 1	P	N/15	-0.1	
25	Ceiling	Cream	Interior – Basement Restroom 1	P	N/20	0.0	
26	Urinal	White	Interior – Basement Restroom 1	CG	N/20	-0.1	
27	**Sink**	**White**	**Interior – Basement Restroom 1**	**CG**	**N/20**	**>9.9**	
28	**Toilet**	**White**	**Interior – Basement Restroom 1**	**CG**	**N/20**	**3.2**	
29	Stall Partition	Green	Interior – Basement Restroom 1	M	N/10	0.7	
30	Stall Door	Green	Interior – Basement Restroom 1	M	N/5	0.6	
31	**Radiator**	**Cream**	**Interior – Basement Ceiling Restroom 1**	**M**	**N/2**	**>9.9**	
32	Pipe	Cream	Interior – Basement Ceiling Restroom 1	M	N/2	0.2	
33	Door	Stain	Interior – Basement Restroom 1	M	N/2	0.4	
34	Door Casing	Brown	Interior – Basement Restroom 1	M	N/2	0.3	
35	Door	Cream	Interior – Basement Restroom 1	M	N/5	-0.1	
36	Door Casing	Cream	Exterior Basement Restroom 1	M	N/5	-0.0	
37	Wall	Tan	Basement Room B-1	P	N/10	0.1	
38	Wall	Tan	Basement Room B-1	P	N/30	0.4	
39	Ceiling	Tan	Basement Room b-1	P	N/10	-0.1	
40	**Radiator**	**Tan**	**Basement Room B-1**	**M**	**N/2**	**>9.9**	
41	Door	Gray	Basement at Rear Stairwell	M	N/2	-0.1	
42	Door Casing	Cream	Basement at Rear Stairwell	M	N/2	-0.2	
43	Wall	Cream	Basement at Rear Stairwell	CB	N/2	-0.2	
44	Wall Upper	Tan	Basement Hall 1	D	N/10	0.0	
45	Wall Lower	Green	Basement Hall 1	P	N/20	0.2	
46	Ceiling	Tan	Basement Hall 1	P	N/25	-0.1	
47	**Vault Door**	**Black**	**Basement Hall 1**	**M**	**N/2**	**2.2**	
48	**Vault Casing**	**Black**	**Basement Hall 1**	**M**	**N/2**	**2.0**	
49	Switch Box	Black	Basement Room B-5	M	N/2	-0.2	
50	**Security Door**	**Black**	**Basement Room B-5**	**M**	**N/10**	**1.5**	
51	**Security Casing**	**Black**	**Basement Room B-5**	**M**	**N/15**	**2.4**	
52	Wall	White	Basement Room B-5	C	N/10	-0.2	
53	Door	Gray	Basement Between B-5 & B-6	M	N/10	0.2	
54	Door Casing	Gray	Basement Between B-5 & B-6	M	N/10	0.3	

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LEAD-BASED PAINT
SAMPLE DATA SHEET

Area Name: American Bank & Trust Co.
Unit Address: 1518 Hull Street
Richmond VA

Project No FEI-19AL171

Operator: Micheal Allshouse
Recorder: Micheal Allshouse
RMD Model: LPA-1
Serial No.: 2610
Inspection Date: 04-19-19

Key:

M=metal
W=wood
G=gypsum
P=plaster
PC=poured concrete
RM=roofing material
WP=wood panel
CG=ceramic glaze

C=concrete
T=tile
B=brick
D=drywall
CB=concrete block
TR=transite
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I=Indicates surface is intact
N=NON-intact in (%) increments
(Deteriorated Paint)

Sample/ Test #	Building Component	Paint Color	Sample Location	Sub Type	Surf Cond.	Quick (mg/cm^2)	Pos. Quantity (No. or SF)
55	Wall Upper	Lt Gray	Basement Room B-6	C	N/10	0.2	
56	Wall Lower	Dk Gray	Basement Room B-6	C	N/10	0.4	
57	Ceiling	Gray	Basement Room B-6	C	N/10	-0.1	
58	Tank	Green	Basement Room B-6	M	N/15	-0.2	
59	Tank Frame	Gray	Basement Room B-6	M	N/10	-0.1	
60	**Sink**	**White**	**Basement Restroom 2**	**CG**	**I**	**>9.9**	
61	**Toilet**	**White**	**Basement Restroom 2**	**CG**	**I**	**3.9**	
62	Pipe	Tan	Basement Restroom 2	M	N/70	-0.2	
63	**Stair Stringer**	**Gray**	**Restroom 2 Underside**	**M**	**N/20**	**1.9**	
64	**Stair Riser**	**Gray**	**Restroom 2 Underside**	**M**	**N/30**	**1.7**	
65	**Stair Tread**	**Gray**	**Restroom 2 Underside**	**M**	**N/20**	**1.9**	
66	Door	Brown	Hall 2 Door to B-6	M	N/70	0.5	
67	Door Casing	Brown	Hall 2 Door to B-6	M	N/30	0.6	
68	Wall Upper	Lt Green	Hall 2	D	N/80	0.7	
69	**Wall Lower**	**Dk Green**	**Hall 2**	**P**	**N/50**	**3.5**	
70	Baseboard	Black	Hall 2	P	N/20	-0.1	
71	Ceiling	Lt Green	Hall 2	P	N/30	0.3	
72	Switch Box	Black	Basement B-7	M	I	-0.3	
73	**Motor Housing**	**Green**	**Basement B-7**	**M**	**N/10**	**1.7**	
74	**Motor Frame**	**Green**	**Basement B-7**	**M**	**N/10**	**1.9**	
75	**Elevator Car**	**Black**	**Exterior Car Wall Room B-7**	**M**	**N/5**	**6.1**	
76	Elevator Steel	Black	Room B-7	M	N/5	0.2	
77	Door	Brown	Hall 2 Elevator Door	M	N/2	-0.0	
78	Casing	Brown	Hall 2 Elevator Door	M	N/10	-0.1	
79	Wall	Lt Green	Hall 2 @ Stairwell	P	N/30	0.2	
80	**Wall**	**Dk Green**	**Hall 2 @ Stairwell**	**P**	**N/40**	**5.2**	
81	**Stair Newel**	**Black**	**Basement Hall 2 Stairwell**	**M**	**N/30**	**1.4**	
82	Stair Rail	Black	Basement Hall 2 Stairwell	W	N/40	0.5	
83	**Stair Baluster**	**Black**	**Basement Hall 2 Stairwell**	**M**	**N/30**	**1.9**	
84	**Stair Stringer**	**Black**	**Basement Hall 2 Stairwell**	**M**	**N/20**	**1.7**	
85	**Stair Riser**	**Black**	**Basement Hall 2 Stairwell**	**M**	**N/50**	**1.6**	

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Project No FEI-19AL171

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Sample/ Test #	Building Component	Paint Color	Sample Location	Sub Type	Surf Cond.	Quick (mg/cm^2)	Pos. Quantity (No. or SF)
86	**Sink**	**Blue**	**Basement Room B-8**	**CG**	**I**	**1.7**	
87	Wall Cabinet	Blue	Basement Room B-8	W	N/10	-0.1	
88	Wall Cabinet Door	Blue	Basement Room B-8	W	N/10	-0.0	
89	Ceiling	Gray	Basement Room B-8	P	N/15	-0.1	
90	**Wall Upper**	**Lt Green**	**Basement Room B-8**	**P**	**N/50**	**2.3**	
91	**Wall Lower**	**Dk Green**	**Basement Room B-8**	**P**	**N/70**	**1.8**	
92	Chair Rail	Dk Green	Basement Room B-8	W	N/30	-0.1	
93	**Pipe**	**Lt Green**	**Basement Room B-8**	**M**	**N/80**	**3.2**	
94	**Pipe**	**Dr Green**	**Basement Room B-8**	**M**	**N/80**	**3.7**	
95	Door	Brown	Basement Room B-8	W	N/20	-0.2	
96	Door Casing	Brown	Basement Room B-8	M	N/30	0.3	
97	**Wall**	**Tan**	**Basement Room B-12**	**CT**	**I**	**1.3**	
98	**Sink**	**White**	**Basement Room B-12**	**CG**	**I**	**2.1**	
99	Wall	Cream	1st Floor Employee Lounge	D	I	0.3	
100	Wall	Cream	1st Floor Employee Lounge	D	I	0.5	
101	Baseboard	Cream	1st Floor Employee Lounge	W	N/10	0.3	
102	Baseboard	Cream	1st Floor Employee Lounge	W	N/10	0.2	
103	Wall Cabinet	Cream	1st Floor Employee Lounge	W	I	-0.5	
104	Wall Cabinet Door	Cream	1st Floor Employee Lounge	W	I	0.1	
105	Base Cabinet	Cream	1st Floor Employee Lounge	M	I	0.1	
106	Base Cabinet Door	Cream	1st Floor Employee Lounge	M	I	-0.2	
107	Wall	Cream	1st Floor Employee Restroom	P	I	0.3	
108	Sink	Cream	1st Floor Employee Restroom	CG	I	-0.1	
109	Toilet	Cream	1st Floor Employee Restroom	CG	I	0.5	
110	Window Sash	Cream	1st Floor Employee Restroom	M	I	0.2	
111	Window Casing	Cream	1st Floor Employee Restroom	M	I	-0.1	
112	Door	Cream	1st Floor Employee Restroom	W	I	-0.1	
113	Door Casing	Cream	1st Floor Employee Restroom	W	I	0.3	
114	Window Casing	Cream	1st Floor Employee Lounge	M	I	0.5	
115	Windowsill	Cream	1st Floor Employee Lounge	M	I	0.6	
116	Windowsill	Cream	1st Floor Employee Lounge	W	I	0.2	

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Sample/ Test #	Building Component	Paint Color	Sample Location	Sub Type	Surf Cond.	Quick (mg/cm^2)	Pos. Quantity (No. or SF)
117	Window Apron	Cream	1st Floor Employee Lounge	W	I	-0.1	
118	Sill Screen	Cream	1st Floor Employee Lounge	M	I	-0.2	
119	Wall	White	Hall at Employee Lounge	D	I	0.3	
120	Wall	White	Hall at Employee Lounge	P	I	0.4	
121	Door	White	Hall Door to Lobby	W	N/10	-0.1	
122	Door Casing	White	Hall Door to Lobby	W	N/10	-0.1	
123	Wall	White	1st Floor Lobby	P	I	0.2	
124	Chair Rail	White	1st Floor Lobby	W	I	0.1	
125	Wall	White	1st Floor Office 1	D	I	0.2	
126	Windowsill	White	1st Floor Office 1	W	I	-0.1	
127	Window Apron	White	1st Floor Office 1	W	I	-0.2	
128	Wall	White	1st Floor Office 1	P	I	0.2	
129	Column	White	1st Floor Lobby	P	I	0.3	
130	Windowsill	White	1st Floor Lobby	W	I	0.0	
131	Window Apron	White	1st Floor Lobby	W	I	0.4	
132	Door	Cream	1st Floor Lobby Office 2	M	I	-0.1	
133	Door Casing	Cream	1st Floor Lobby Office 2	M	I	-0.3	
134	Wall	Cream	1st Floor Lobby Office 2	D	I	0.2	
135	Wall	Cream	1st Floor Lobby Office 2	P	I	0.1	
136	Windowsill	Cream	1st Floor Lobby Office 2	W	N/2	-0.1	
137	Window Apron	Cream	1st Floor Lobby Office 2	W	N/2	-0.2	
138	Wall	White	1st Floor Lobby Vault	D	N/10	0.2	
139	Wall	Silver	1st Floor Lobby Vault	D	N/10	-0.1	
140	Ceiling	White	1st Floor Lobby Vault	D	N/10	0.0	
141	Ceiling	Silver	1st Floor Lobby Vault	D	N/10	-0.2	
142	Wall	Cream	1st Floor Lobby Women's Restroom	D	I	-0.1	
143	Toilet	White	1st Floor Lobby Women's Restroom	CG	I	0.6	
144	Urinal	White	1st Floor Lobby Men's Restroom	CG	I	0.7	
145	Toilet	White	1st Floor Lobby Men's Restroom	CG	I	-0.1	
146	Wall	Cream	1st Floor Lobby Men's Restroom	D	I	0.2	
147	Door Casing	Cream	1st Floor Lobby Men's Restroom	M	I	-0.1	
148	Window Sash	Cream	1st Floor Lobby Teller Line	M	I	-0.5	
149	Window Casing	Cream	1st Floor Lobby Teller Line	W	I	0.6	

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LEAD-BASED PAINT
SAMPLE DATA SHEET

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Richmond VA

Project No FEI-19AL171

Operator: Micheal Allshouse
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Sample/ Test #	Building Component	Paint Color	Sample Location	Sub Type	Surf Cond.	Quick (mg/cm^2)	Pos. Quantity (No. or SF)
150	Windowsill	Cream	1st Floor Lobby Teller Line	W	I	-0.1	
151	Window Apron	Cream	1st Floor Lobby Teller Line	W	I	-0.2	
152	Window Lower Panel	Cream	1st Floor Lobby Teller Line	W	I	-0.1	
153	Window Bench	Cream	1st Floor Lobby Teller Line	W	I	0.2	
154	Wall	Cream	1st Floor Lobby Teller Line Closet	D	N/20	0.5	
155	Shelf Frame	Cream	1st Floor Lobby Teller Line Closet	W	I	-0.2	
156	Shelf	Cream	1st Floor Lobby Teller Line Closet	W	I	-0.1	
157	Ceiling	Cream	1st Floor Lobby Teller Line Closet	D	I	-0.2	
158	**Window Sash**	**Cream**	**1st Floor Lobby Teller Line Closet**	**M**	**N/20**	**4.2**	
159	**Window Casing**	**Cream**	**1st Floor Lobby Teller Line Closet**	**M**	**N/20**	**2.1**	
160	Door	Cream	1st Floor Lobby Teller Line Closet	W	N/5	0.4	
161	Door Casing	Cream	1st Floor Lobby Teller Line Closet	W	N/5	0.4	
162	Windowsill	Cream	1st Floor Lobby Back Hall at Stairwell	W	I	-0.4	
163	Window Sash	Cream	1st Floor Lobby Back Hall at Stairwell	W	I	0.1	
164	Window Casing	Cream	1st Floor Lobby Back at Stairwell	M	I	-0.1	
165	**Stair Newell**	**Cream**	**1st Floor Rear Stairwell**	**M**	**N/2**	**1.7**	
166	**Stair Baluster**	**Cream**	**1st Floor Rear Stairwell**	**M**	**N/2**	**1.9**	
167	**Stair Stringer**	**Black**	**1st Floor Rear Stairwell**	**M**	**N/10**	**1.9**	
168	**Stair Riser**	**Black**	**1st Floor Rear Stairwell**	**M**	**N/20**	**2.4**	
169	Wall Upper	Lt Green	Front Stairwell 2nd Floor Landing	P	N/20	0.4	
170	**Wall Lower**	**Dk Green**	**Front Stairwell 2nd Floor Landing**	**P**	**N/30**	**3.1**	
171	**Window Sash**	**Brown**	**Front Stairwell 2nd Floor Landing**	**M**	**N/50**	**4.2**	
172	**Window Casing**	**Brown**	**Front Stairwell 2nd Floor Landing**	**M**	**N/60**	**5.4**	
173	Wall	Green	2nd Floor Room 200	P	N/20	0.6	
174	Wall	Green	2nd Floor Room 200	TR	I	-0.3	
175	**Window Sash**	**Brown**	**2nd Floor Room 200**	**M**	**N/30**	**4.5**	
176	**Window Casing**	**Brown**	**2nd Floor Room 200**	**M**	**N/30**	**5.6**	
177	Door	Brown	2nd Floor Room 200	W	I	-0.2	
178	Door Casing	Brown	2nd Floor Room 200	W	I	0.1	
179	**Radiator**	**Brown**	**2nd Floor Room 200**	**M**	**I**	**1.6**	
180	Baseboard	Brown	2nd Floor Room 200	W	I	-0.3	

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LEAD-BASED PAINT
SAMPLE DATA SHEET

Area Name: American Bank & Trust Co.
Unit Address: 1518 Hull Street
Richmond VA

Project No FEI-19AL171

Operator: Micheal Allshouse
Recorder: Micheal Allshouse
RMD Model: LPA-1
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Key:

M=metal
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Sample/ Test #	Building Component	Paint Color	Sample Location	Sub Type	Surf Cond.	Quick (mg/cm^2)	Pos. Quantity (No. or SF)
181	Ceiling	Cream	2nd Floor Room 200	P	I	-0.1	
182	Crown Molding	Brown	2nd Floor Room 200	W	I	0.3	
183	Wall	Green	2nd Floor Room 201	P	N/25	-0.0	
184	**Radiator**	**Green**	**2nd Floor Room 201**	**M**	**N/10**	**1.3**	
185	**Window Sash**	**Green**	**2nd Floor Room 201**	**M**	**N/70**	**3.2**	
186	**Window Casing**	**Green**	**2nd Floor Room 201**	**M**	**N/70**	**4.6**	
187	**Crown Molding**	**Green**	**2nd Floor Room 201**	**W**	**N/5**	**4.3**	
188	Baseboard	Green	2nd Floor Room 201	W	N/20	-0.1	
189	Door	Green	2nd Floor Room 201	W	N/10	0.1	
190	**Door Casing**	**Green**	**2nd Floor Room 201**	**W**	**N/10**	**2.4**	
191	**Radiator**	**Green**	**2nd Floor Room 203**	**M**	**I**	**1.4**	
192	**Crown Molding**	**Green**	**2nd Floor Room 203**	**W**	**I**	**1.9**	
193	**Door Casing**	**Green**	**2nd Floor Room 203**	**W**	**N/10**	**3.1**	
194	Wall	Green	2nd Floor Room 203	P	N/50	0.2	
195	Baseboard	Green	2nd Floor Room 203	W	N/20	0.1	
196	**Sink**	**White**	**2nd Floor Between 201 & 203**	**CG**	**I**	**>9.9**	
197	**Radiator**	**Brown**	**2nd Floor Between 201 & 203**	**M**	**I**	**>9.9**	
198	Ceiling	Lt Gray	2nd Floor 203A	P	N/15	0.6	
199	**Radiator**	**Black**	**2nd Floor 203A**	**M**	**N/15**	**1.9**	
200	Wall	Cream	2nd Floor 203A	DW	I	-0.3	
201	**Sink**	**White**	**2nd Floor Janitor's Closet**	**CG**	**I**	**>9.9**	
202	**Wall**	**Tan**	**2nd Floor Room 205**	**P**	**N/10**	**4.3**	
203	Wall	Tan	2nd Floor Room 205	D	I	-0.5	
204	**Door Casing**	**Tan**	**2nd Floor Room 205**	**M**	**N/10**	**2.3**	
205	Door	Tan	2nd Floor Room 205	M	N/2	-0.4	
206	Door	Tan	2nd Floor Room 205	W	I	0.1	
207	Casing	Tan	2nd Floor Room 205	W	I	0.2	
208	Crown Molding	Tan	2nd Floor Room 205	W	I	0.3	
209	Wall	Tan	2nd Floor Room 206	P	N/10	0.5	
210	Door	Tan	2nd Floor Room 206	W	I	0.2	
211	Door Casing	Tan	2nd Floor Room 206	W	I	0.1	
212	Crown Molding	Tan	2nd Floor Room 206	W	N/10	0.4	

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SAMPLE DATA SHEET

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Sample/ Test #	Building Component	Paint Color	Sample Location	Sub Type	Surf Cond.	Quick (mg/cm^2)	Pos. Quantity (No. or SF)
213	Ceiling	Cream	2nd Floor Room 206	P	N/25	-0.1	
214	**Radiator**	**Tan**	**2nd Floor Room 207**	**M**	**N/30**	**1.4**	
215	Baseboard	Tan	2nd Floor Room 207	W	N/20	0.4	
216	Ceiling	Cream	2nd Floor Room 207	P	N/30	-0.1	
217	Crown Molding	Tan	2nd Floor Room 207	W	N/10	0.2	
218	**Window Sash**	**Tan**	**2nd Floor Room 208**	**M**	**N/25**	**7.4**	
219	**Window Casing**	**Tan**	**2nd Floor Room 208**	**M**	**N/30**	**5.4**	
220	Wall	Tan	2nd Floor Room 208	P	N/10	-0.1	
221	Baseboard	Tan	2nd Floor Room 208	W	N/10	0.3	
222	Crown Molding	Tan	2nd Floor Room 208	W	I	0.2	
223	Ceiling	White	2nd Floor Room 208	P	N/10	-0.1	
224	**Sink**	**White**	**2nd Floor Room 209**	**CG**	**I**	**>9.9**	
225	Wall	Green	2nd Floor Room 209	D	N/2	0.2	
226	Baseboard	Brown	2nd Floor Room 209	W	I	0.3	
227	Ceiling	Cream	2nd Floor Room 209	P	N/2	0.3	
228	Wall	Green	2nd Floor Room 209	D	I	-0.3	
229	Crown Molding	Green	2nd Floor Room 209	W	I	0.6	
230	**Door Casing**	**Green**	**2nd Floor Room 209**	**M**	**N/5**	**3.7**	
231	**Door Casing**	**Brown**	**2nd Floor Room 209**	**M**	**N/5**	**4.1**	
232	**Wall**	**Lt Blue**	**3rd Floor Room 309**	**D**	**N/30**	**3.7**	
233	**Wall**	**Lt Blue**	**3rd Floor Room 309**	**P**	**N/20**	**4.5**	
234	**Ceiling**	**Gray**	**3rd Floor Room 309**	**P**	**N/70**	**1.7**	
235	Door	Brown	3rd Floor Room 309	W	N/70	-0.1	
236	Door Casing	Brown	3rd Floor Room 309	W	N/70	0.2	
237	Crown Molding	Brown	3rd Floor Room 309	W	N/70	0.3	
238	**Radiator**	**Brown**	**3rd Floor Room 309**	**M**	**N/2**	**1.3**	
239	**Wall**	**Tan**	**3rd Floor Room 310**	**P**	**N/20**	**2.0**	
240	**Wall**	**Tan**	**3rd Floor Room 310**	**P**	**N/30**	**2.1**	
241	Baseboard	Tan	3rd Floor Room 310	W	N/20	0.0	
242	**Ceiling**	**Gray**	**3rd Floor Room 310**	**P**	**N/60**	**1.9**	
243	Crown Molding	Tan	3rd Floor Room 310	W	N/10	0.5	
244	**Door Casing**	**Tan**	**3rd Floor Room 310**	**M**	**N/40**	**3.1**	
245	**Door Casing**	**Brown**	**3rd Floor Room 310**	**M**	**N/50**	**4.2**	

For an explanation of the XRF Quick value parameters see the LBP Survey Methodology Section of this Report.

LEAD-BASED PAINT
SAMPLE DATA SHEET

Area Name: American Bank & Trust Co.
Unit Address: 1518 Hull Street
Richmond VA

Project No FEI-19AL171

Operator: Micheal Allshouse
Recorder: Micheal Allshouse
RMD Model: LPA-1
Serial No.: 2610
Inspection Date: 04-19-19

Key:

M=metal
W=wood
G=gypsum
P=plaster
PC=poured concrete
RM=roofing material
WP=wood panel
CG=ceramic glaze

C=concrete
T=tile
B=brick
D=drywall
CB=concrete block
TR=transite
CT=ceramic tile

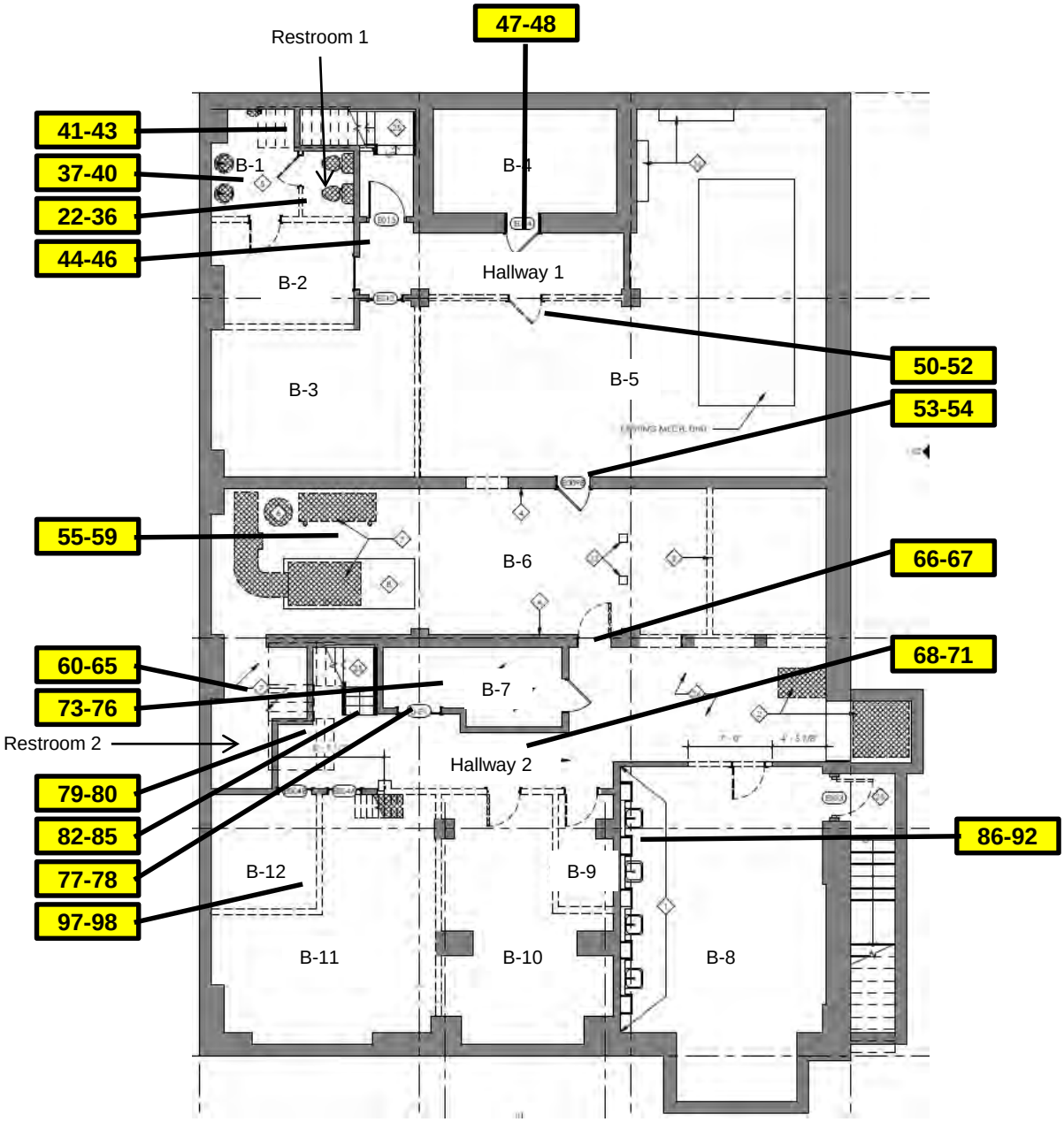
I=Indicates surface is intact
N=NON-intact in (%) increments (Deteriorated Paint)

Sample/ Test #	Building Component	Paint Color	Sample Location	Sub Type	Surf Cond.	Quick (mg/cm^2)	Pos. Quantity (No. or SF)
246	Wall	Tan	3rd Floor Room 311	P	N/30	-0.1	
247	Ceiling	Gray	3rd Floor Room 311	P	N/30	0.6	
248	Wall	Lt Green	3rd Floor Room 311 A	P	N/40	0.7	
249	**Ceiling**	**Gray**	**3rd Floor Room 311 A**	**D**	**N/40**	**1.8**	
250	**Window Sash**	**Gray**	**3rd Floor Room 311 A**	**M**	**N/80**	**3.7**	
251	**Window Casing**	**Gray**	**3rd Floor Room 311 A**	**M**	**N/80**	**5.1**	
252	Wall upper	Lt Green	3rd Floor Hall at 306	P	N/30	0.6	
253	**Wall Lower**	**Dk Green**	**3rd Floor Hall at 306**	**P**	**N/50**	**3.5**	
254	Wall	Lt Blue	3rd Floor Room 312	P	N/30	0.7	
255	Ceiling	Gray	3rd Floor Room 312	P	N/15	-0.1	
256	Door	Green	3rd Floor Room 312	W	N/25	-0.3	
257	Door Casing	Green	3rd Floor Room 312 Between 312/311	W	N/30	0.0	
258	Wall	Green	3rd Floor Room 305	P	N/20	0.3	
259	Wall	Green	3rd Floor Room 305	P	N/10	-0.1	
260	Baseboard	Brown	3rd Floor Room 305	W	I	-0.1	
261	Door	Brown	3rd Floor Room 305	W	N/10	-0.3	
262	**Door Casing**	**Brown**	**3rd Floor Room 305**	**M**	**N/15**	**2.5**	
263	**Door Casing**	**Brown**	**3rd Floor Electrical Closet**	**M**	**N/10**	**3.7**	
264	**Door Casing**	**Brown**	**3rd Floor Room 304**	**M**	**N/15**	**2.1**	
265	**Wall**	**Cream**	**3rd Floor Room 304**	**P**	**N/15**	**1.3**	
266	Chair Rail	Cream	3rd Floor Room 304	W	N/5	0.8	
267	Baseboard	Cream	3rd Floor Room 304	W	N/15	0.3	
268	Crown Molding	Cream	3rd Floor Room 304	W	N/10	-0.0	
269	Wall	Blue	3rd Floor Room 304B	D	N/30	0.8	
270	Chair Rail	Yellow	3rd Floor Room 304B	W	N/10	-0.1	
271	Door Casing	Yellow	3rd Floor Room 304B	W	N/10	0.0	
272	Door	Blue	3rd Floor Room 304B	W	N/15	-0.3	
273	Radiator Cover	Blue	3rd Floor Room 304B	W	N/70	-0.1	
274	Crown Molding	Blue	3rd Floor Room 304B	W	N/5	0.1	
275	Ceiling	Tan	3rd Floor Room 304B	P	N/20	0.3	
276	**Ceiling**	**Gray**	**3rd Floor Room 304C**	**P**	**N/40**	**1.5**	
277	**Door Casing**	**Gray**	**3rd Floor Room 304C**	**M**	**N/50**	**1.9**	
278	Ceiling	Tan	3rd Floor Room 303/302	P	N/70	0.5	

For an explanation of the XRF Quick value parameters see the LBP Survey Methodology Section of this Report.

APPENDIX B.

SAMPLE LOCATION DRAWINGS

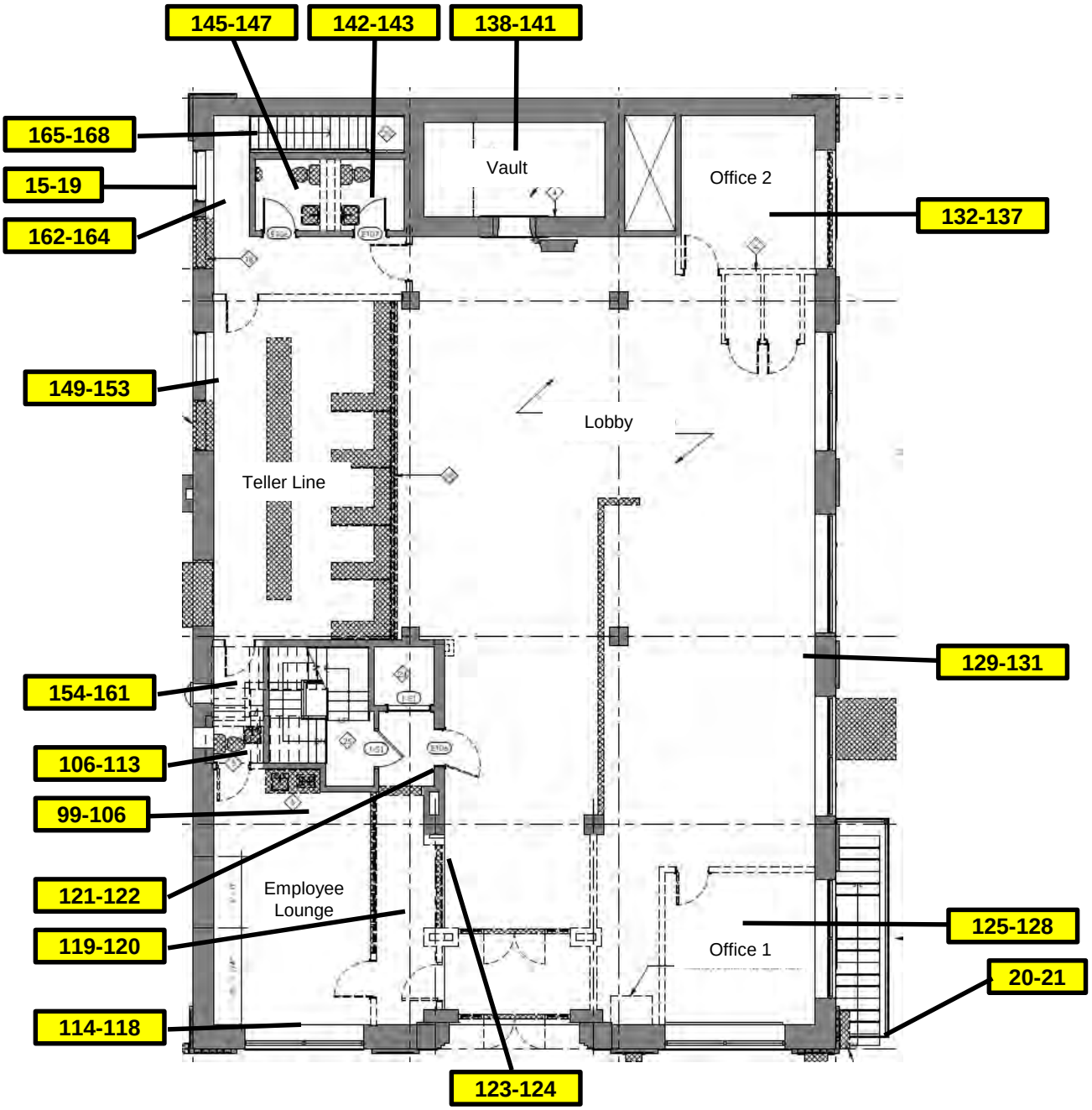


Basement

XRF Sample Location Drawing

American Bank & Trust Co. Building
1518 Hull Street
Richmond, Virginia

FEI-19AL171 4/19/2019

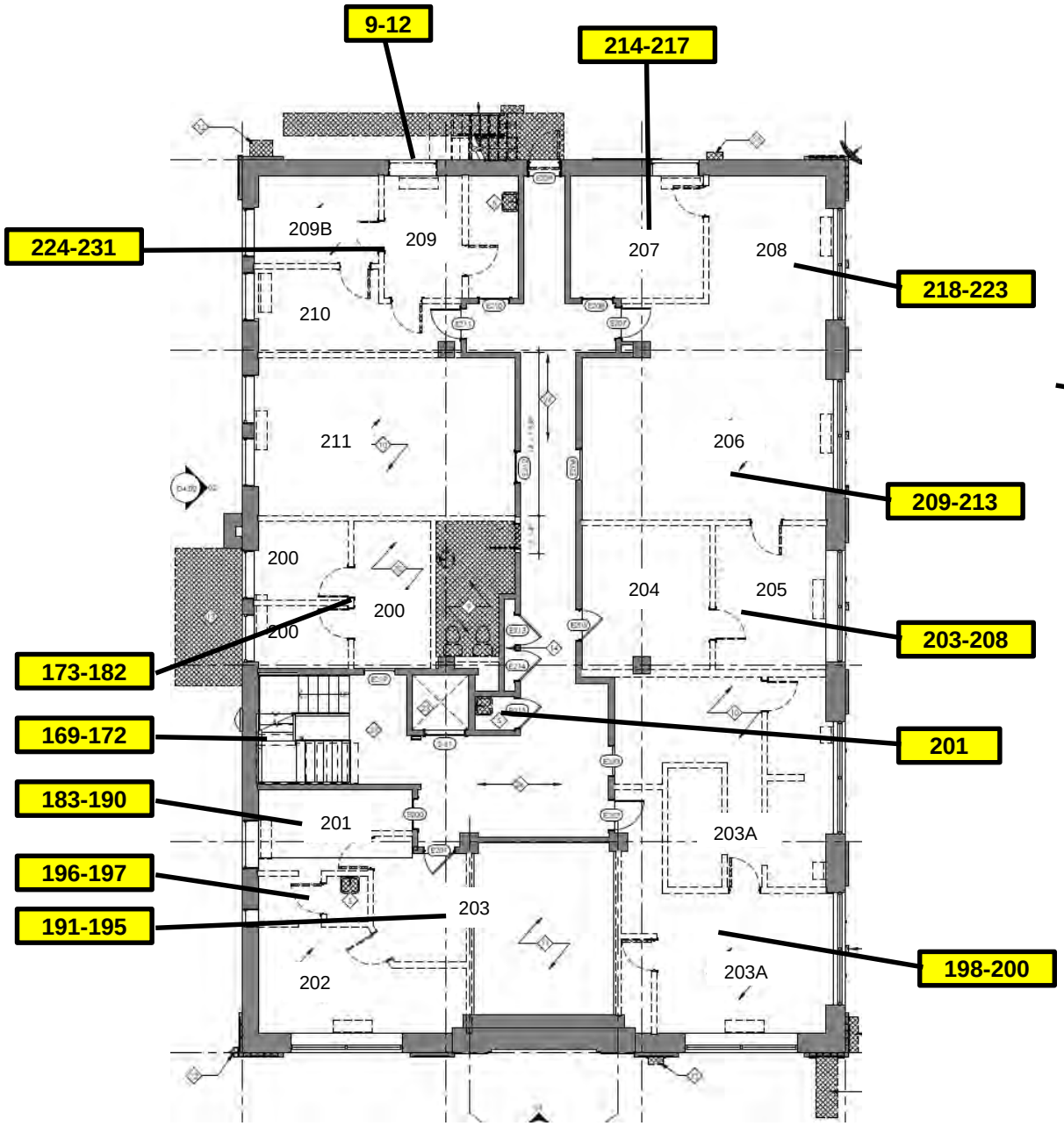


1st Floor

XRF Sample Location Drawing

American Bank & Trust Co. Building
1518 Hull Street
Richmond, Virginia

FEI-19AL171 4/19/2019

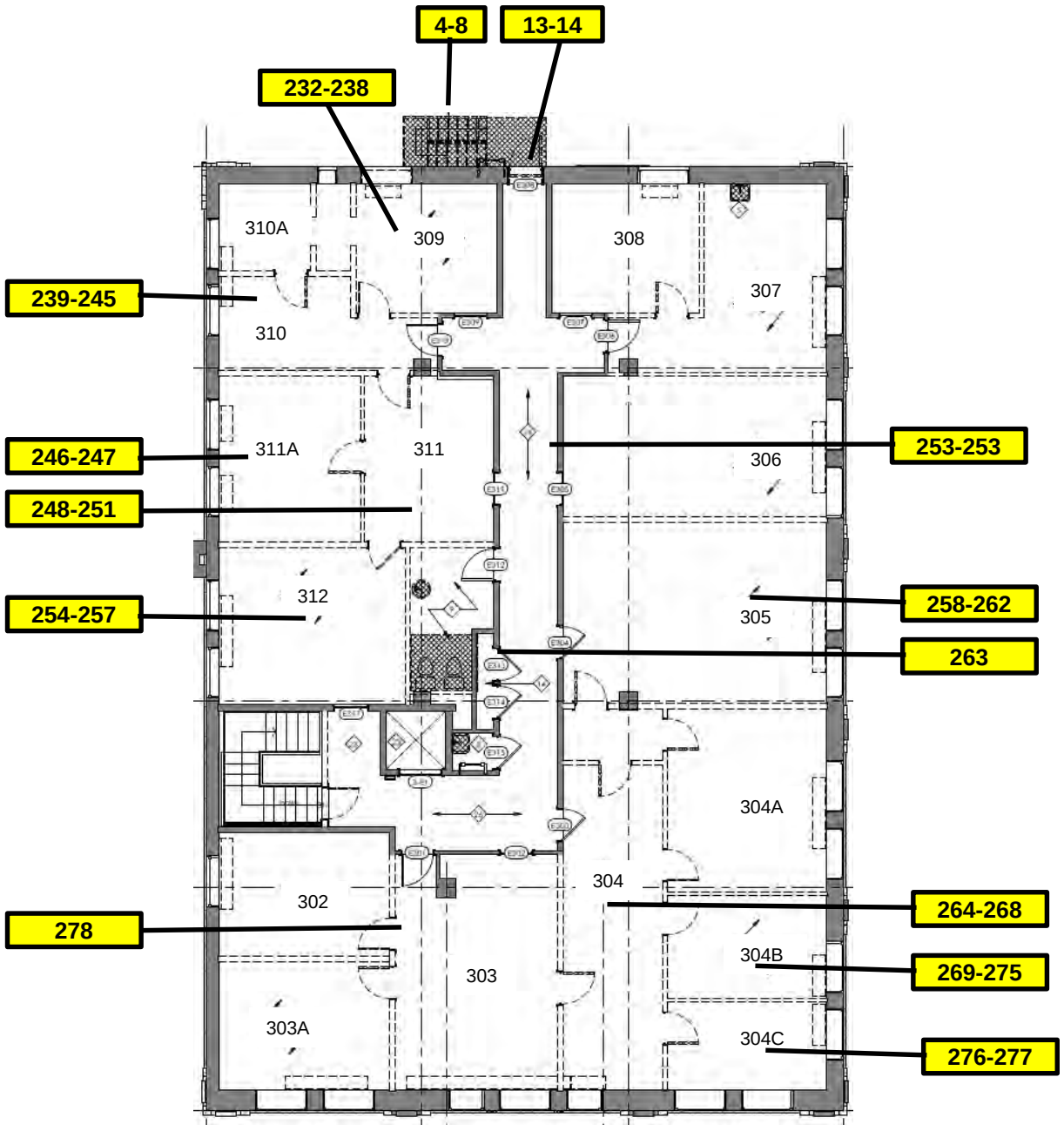


2nd Floor

XRF Sample Location Drawing

American Bank & Trust Co. Building
1518 Hull Street
Richmond, Virginia

FEI-19AL171 4/19/2019

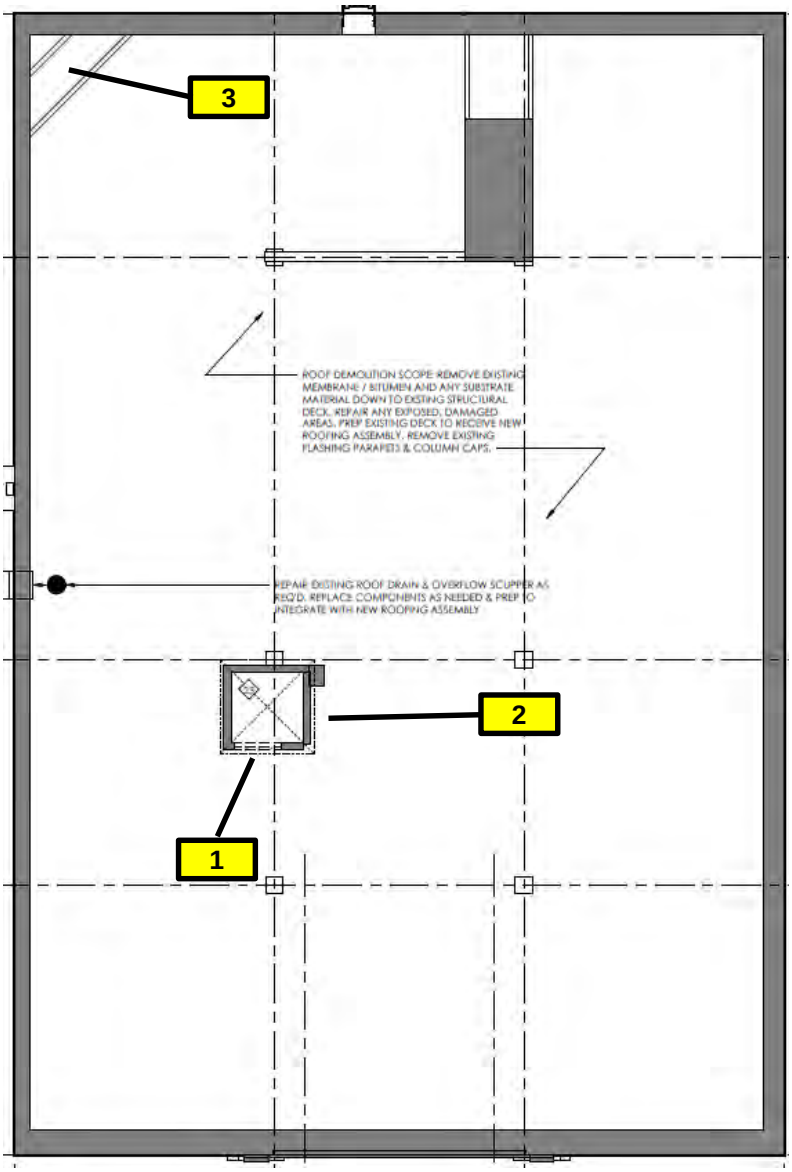


3rd Floor

XRF Sample Location Drawing

American Bank & Trust Co. Building
1518 Hull Street
Richmond, Virginia

FEI-19AL171 4/19/2019



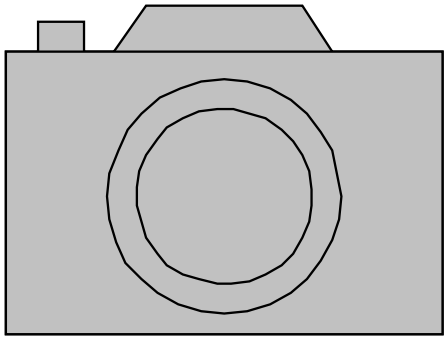
Roof

XRF Sample Location Drawing

American Bank & Trust Co. Building
1518 Hull Street
Richmond, Virginia

FEI-19AL171 4/19/2019

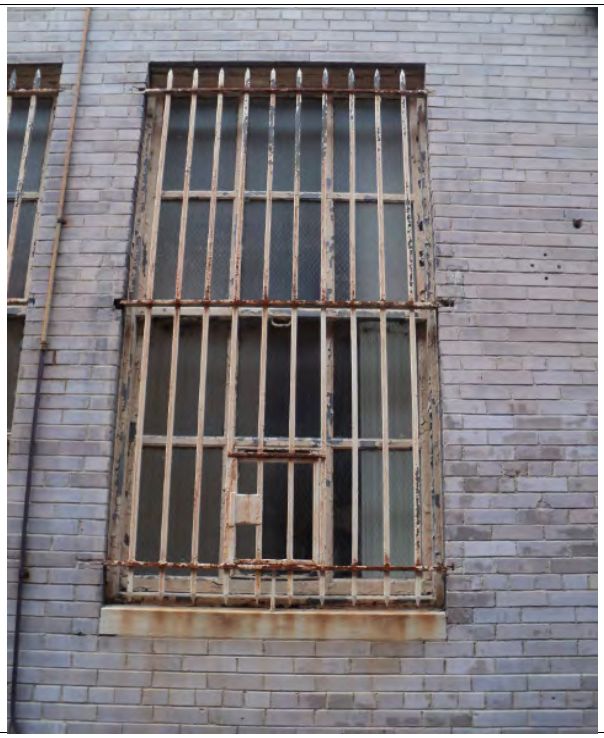
APPENDIX C.



PHOTOGRAPHS (LBP-CONTAINING BUILDING MATERIALS)

Photograph No. 1
Black Painted Metal Fire Escpae Components
(XRF Shot #'s 4-8)

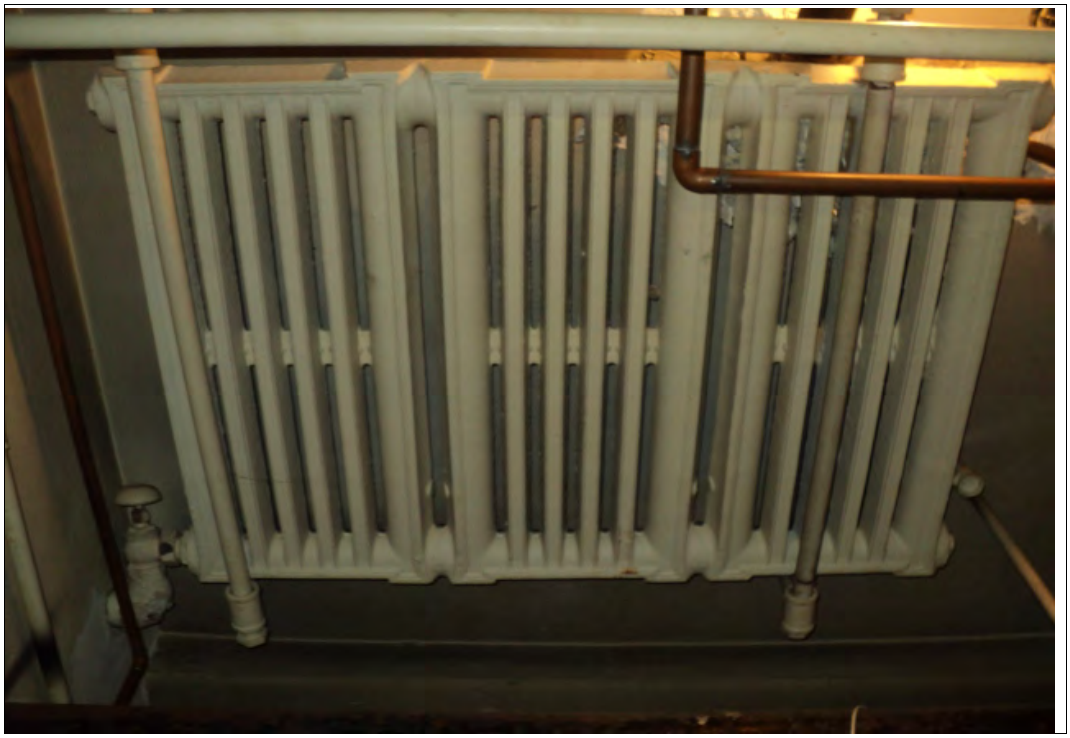
Photograph No. 2
Cream Painted Metal Exterio Window Components
(XRF Shot #'s 9-12)



Photograph No. 3
Cream Painted Metal Exterio Window Components with Security Bars
(XRF Shot #'s 15-19)

Photograph No. 4
White Ceramic Glazed Sinks (Original)
(XRF Shot #'s 27,60,98,196,201 & 224)

Photograph No. 5
White Ceramic Glazed Lavatory (Original)
(XRF Shot #'s 28 & 61))



Photograph No. 6
Cream / Tan Painted Metal Radiators
(XRF Shot #'s 31, 40,214)

Photograph No. 7
Black Painted Metal Vault Door & Casing
(XRF Shot #'s 47 & 48)

Photograph No. 8
Black Painted Metal Security Door & Casing
(XRF Shot #'s 50-51)

Photograph No. 9
Gray Painted Stair Components
(XRF Shot #'s 63-65)

Photograph No. 10
Dark Green Painted Plaster Walls
(XRF Shot #'s 69,80,91,170 & 253)

Photograph No. 11
Green Painted Metal Elevator Motor Equipment
(XRF Shot #'s 73 & 74)

Photograph No. 12
Black Painted Elevator Car Exterior Walls
(XRF Shot # 75)

Photograph No. 13
Black Painted Metal Stair Components
(XRF Shot #'s 81,83,85,167 & 168)

Photograph No. 14
Blu Ceramic Glazed Sinks
(XRF Shot # 86)

Photograph No. 15
Light Green Painted Plaster Wall
(XRF Shot # 90)

Photograph No. 16
Green Pained Metal Pipe
(XRF Shot #'s 94-94)

Photograph No. 17
Tan Ceramic Glazed Wall Tile
(XRF Shot # 97)

Photograph No. 18
Cream Painted Metal Window Components
(XRF Shot #'s 158-159)

Photograph No. 19
Cream Painted Metal Stair Components
(XRF shot #'s 165-166)

Photograph No. 20
Brown Painted Metal Window Components
(XRF Shot #'s 175-176)

Photograph No. 21
Brown Painted Metal Radiators
(XRF shot #'s 179,197 & 238)

Photograph No. 22
Green Painted Metal Radiators
(XRF Shot # 184)

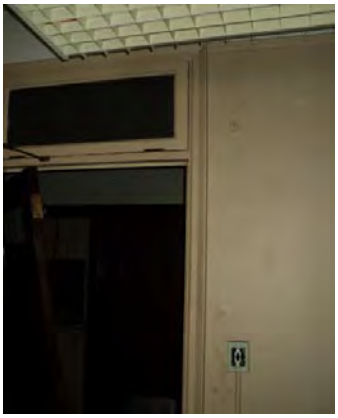
Photograph No. 23
green Painted Metal Window Components
(XRF shot #'s 185-186)

Photograph No. 24
Green Painted Wood Crown Molding
(XRF Shot #'s187 & 192)

Photograph No. 25
Green Painted Metal Door Casing
(XRF shot #'s 190,193 & 230)

Photograph No. 26
Black Painted Metal Radiators
(XRF Shot # 199)

Photograph No. 27
Tan Painted Plaste Walls
(XRF shot #'s 202,239 &240)



Photograph No. 28
Tan Painted Metal Door Casings
(XRF Shot #'s 204 & 244)

Photograph No. 29
Brown Painted Metal Door Casings
(XRF shot #'s 231,245,262-264)

Photograph No. 30
Light Blue Painted Plaster / Drywall Walls
(XRF Shot # 232-233)

Photograph No. 31
Gray Painted Plaster Ceilings
(XRF shot #'s 234,242,249 & 276)

Photograph No. 32
Gray Painted Metal Window Components
(XRF Shot #'s 250-251)

Photograph No. 33
Cream Painted Plaster Wall
(XRF shot # 265)

Photograph No. 34
Gray Painted Metal Door Casing
(XRF Shot # 277)

APPENDIX D.

LEAD INSPECTOR LICENSE(S)

COMMONWEALTH of VIRGINIA

Department of Professional and Occupational Regulation
9960 Mayland Drive, Suite 400, Richmond, VA 23233
Telephone: (804) 367-8500

EXPIRES ON
08-31-2019

NUMBER
3356001040

BOARD FOR ASBESTOS, LEAD, AND HOME INSPECTORS
LEAD RISK ASSESSOR LICENSE

MICHEAL DAMIEN ALLSHOUSE
4079 MINERAL SPRINGS LANE
APT 2B
GLEN ALLEN, VA 23060-4176

DPOR

Jay W. DeBoer, Director

Status can be verified at http://www.dpor.virginia.gov

(SEE REVERSE SIDE FOR PRIVILEGES AND INSTRUCTIONS)

DPOR-LIC (02/2017)

GLOSSARY OF TERMS

Abatement - a comprehensive process of eliminating exposure or potential exposure to lead paint and lead-containing soil and dust which must include testing, measures for worker protection, containment of dust and debris, cleanup and disposal of waste, and clearance testing.

Action Level - the point at which something needs to be done to correct or eliminate the presence of the hazard (e.g. lead).

Acute Effect - severe or immediate reaction, usually to a single large exposure.

Administrative Removal - is the temporary removal of workers prior to their reaching blood lead levels requiring medical removal in order to provide additional protection to both workers and employers.

Apparent Lead Concentration (ALC) - for direct reading XRF's, is the average of at leas 3 XRF single cycle readings on a painted surface. For spectrum analyzers, the ALC is a single reading.

Atomic Absorption - is a method of measuring elements such as lead. The lead is vaporized at high temperature, usually several thousand degrees, and light of a very specific wavelength is shined through the vapor.

Biological Monitoring - is the analysis of person's blood and/or urine, to determine the level of a contaminant, such as lead, in the body.

Blank - a non-exposed sample of the medium used for testing, such as wipe or filter, which is analyzed like other samples to determine whether (1) samples are contaminated with lead before samples are collected (e.g., at the factory, or at the testing site), (2) the samples are contaminated after sample collection (e.g., during transportation to the laboratory or in the laboratory).

CFR - The Code of Federal Regulations - a codification of the regulations of the various Federal Agencies.

Characteristics - EPA has identified four characteristics of a hazardous waste: Ignitability; Corrosivity; Reactivity; and Toxicity. Any solid waste that exhibits one or more of these characteristics is classified as a hazardous waste under RCRA.

Chelation Therapy - the medical treatment in which a drug that is attracted to metals (such as lead) is infused into a patient's vein. The drug binds to the metal in the blood, and both are excreted by the kidney in urine.

Chronic Effect - a response to exposure, which may take days, months or years to develop.

Corrected Lead Concentrations (CLC) - the difference between the Apparent Lead Concentration (ALC) and the Substrate Equivalent Lead Concentration (SEL).

Common Area - a room or area that is accessible to all residents in a multi-family building (e.g., hallway, laundry room).

Containment - is a process for protecting the environment by controlling exposures to lead dust and debris created during abatement.

Detection Limit - the minimum amount of a component that a method can reliably measure.

Direct Reading XRF - is an X-Ray Fluorescence analyzer which provides the operator with a display of an estimated lead concentration, usually calculated from the lead "K" x-ray intensity, but sometimes from the "L" x-ray intensity.

dl - stands for "deciliter." The prefix "deci-" means "one-tenth." One deciliter is roughly the same as about one tenth of a quart, or about 3.4 fluid ounces.

Dwelling Unit - refers to the room or group of rooms within residential premises used or intended for use by one family or household for living, sleeping, cooking and eating. "Dwelling Unit" includes a condominium.

Encapsulation - involves resurfacing or covering surfaces, and sealing or caulking with durable materials, so as to prevent or control chalking, flaking lead-containing substances from becoming part of house dust or accessible to children. Painting or wallpapering is not considered to be encapsulation.

Engineering Controls - are measures implemented at the work site to contain, control and/or otherwise reduce worker exposure to, and environmental releases of, lead dust and debris.

EPA Identification Number - the unique number assigned by EPA to each generator or transporter of hazardous waste, and each treatment, storage, or disposal facility.

Final Inspection - inspection by a qualified inspector, industrial hygienist, or local public health official to determine whether abatement and cleanup are complete.

Generator - any entity who first creates a hazardous waste or any person who first makes the waste subject to the Subtitle C regulation (e.g., imports a hazardous waste, initiates a shipment of a hazardous waste from a TSD, or mixes hazardous wastes of different DOT shipping descriptions by placing them into a single container).

High Efficiency Particle Air Filter or (HEPA) - means a filter capable of filtering out particles of 0.3 microns or greater from a body of air at 99.97% efficiency or greater.

High Phosphate Detergent - detergent that contains at least 5% trisodium phosphate (TSP).

In-place Management - a series of recurrent actions to reduce the lead hazard until such time as abatement can be carried out. Usually involves paint stabilization and regular cleaning of the premises.

Intact Surface - refers to a surface with no loose paint.

Landfill - a disposal facility or part of a facility where solid or hazardous waste is placed in or on land and which is not a land treatment facility, a surface impoundment, or an injection well.

Logbook - a notebook that accompanies each XRF analyzer, to record such information as daily performance, maintenance problems, and average reading time.

Manifest - the shipping document, EPA form 8700-22, used for identifying the quantity, composition, origin, routing, and destination of hazardous waste during its transportation from the point of generation to the point of treatment, storage, or disposal.

Medical Removal - the temporary removal of workers due to elevated blood levels as defined in the OSHA Lead Standard.

Micrograms - one millionth of a gram: The prefix "micro-" means "1/1,000,000 of" (one millionth of). Since there are 453 grams in one pound and 16 ounces in one pound, one gram equals 0.035 ounces. A microgram is equal to about 35/1,000,000,000 (thirty-five billionths) of an ounce.

Off-Site Paint Removal - the removal of paint at a site away from the abatement project such as the stripping of lead paint from the surface of a component at the facilities of a commercial paint-stripping operation occurring in chemical tanks.

On-Site Paint Removal - the removal of lead-based paint down to the bare substrate usually through heat, chemical or mechanical means. The affected component remains in-place on the premises during this removal process.

Personal Samples (for sampling lead dust) - air samples collected from within the breathing zone of a worker, but outside the respirator.

Pigments - are chemicals, which have color, or properties, which affect color.

ppm - stands for "parts per million," meaning the weight of one part per weight of the total amount of material. For example, a lead concentration of 1 ppm expresses the ratio of one gram of lead dissolved into one million (1,000,000) grams of water.

Precision - the degree of variation in a series of successive measurements of the same phenomenon. Commonly measured by standard deviation.

Public Housing Agency (PHA) - any State, county, municipality, or other governmental entity or public body (or agency or instrumentality thereof) which is authorized to engage or assist in the development or operation of housing for low-income families.

Random Testing - the process of performing an initial survey in a representative sampling of units in a project.

Resource Conservation and Recovery Act (RCRA) of 1976 - what we commonly refer to as RCRA is an amendment to the Solid Waste Disposal Act of 1965. RCRA was amended in 1980 and most recently on November 8, 1984 by the Hazardous and Solid Waste Amendments.

Replacement - is strategies of abatement, which entails the removal of components such as windows, doors, and trim that have lead painted surfaces and installing new components free of lead paint.

Substrate Equivalent Lead Concentration (SEL) - for a direct reading XRF, the average of at least 3 XRF single cycle readings on an unpainted surface. For a spectrum analyzer, the difference between the instruments reading on a standard or reference material placed on the bare substrate and the known lead level in the standard.

Small Quantity Generator - as defined by EPA, a generator who produces less than 100 kg of hazardous waste per month (or accumulates less than 100 kg at any one time) or one who produces less than 1 kg of acutely hazardous waste per month (or accumulates less than 1 kg of acutely hazardous waste at any one time). State definitions of Small Quantity Generator may vary.

Spectrum Analyzer XRF - is a type of XRF analyzer, which provides the operator with a plot of the energy and intensity of both "K" and "L" x-rays, as well as a calculated lead concentration.

Storage - the holding of hazardous waste for a temporary period, at the end of which the hazardous waste is treated, disposed or, or stored elsewhere.

Substrate - a surface upon which paint or varnish has been or may be applied. Examples of substrates include wood, plaster, metal, and drywall. Substrates may contain lead absorbed from paint or from other sources.

Substrate Effect - the returning of backscattered radiation from the paint, substrate or underlying material to the XRF analyzer. This radiation when counted as lead x-rays by an XRF contributes to SEL or bias. The inspector may have to compensate for this effect when using direct reading XRF analyzers.

Toxicity Characteristic Leaching Procedure (TCLP) - is one of the tests for the determinations of whether a solid waste is classified as a hazardous substance.

Transporter - any person engaged in the off-site transportation of hazardous waste within the United States, by air, rail, highway, or water, if such transportation requires a manifest under 40 CFR Part 262.

Treatment - any method, technique or process, including neutralization, designed to change the physical, chemical, or biological character or composition of any hazardous waste so as to neutralize it, or render it non-hazardous or less hazardous, or to recover it, make it safer to transport, store or dispose of, or amenable for recovery, storage, or volume reduction.

TSD - acronym for treatment, storage, or disposal hazardous waste facility.

TSP - acronym for trisodium phosphate.

XRF Analyzer - an instrument, which estimates lead concentration in milligrams per square centimeter (mg/cm^2) using the principal of x-ray fluorescent ("XRF"). Two (2) types of XRF analyzers are used, direct readers and spectrum analyzers; the underlying principles are the same.