

Midwest  
Environmental  
Consulting, L.L.C.



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**Battle Creek Environmental Magnet School  
Saint Paul Public Schools**

**Lead-Based Paint Inspection**

**Inspection Dates: 5/13/97, 5/14/97, 5/15/97**

**submitted to:**

**Saint Paul Public Schools**

**MEC Project # 62/0197AE**

## INTRODUCTION

At the request of Saint Paul Public Schools Environmental Safety Department, Midwest Environmental Consulting, L.L.C. (MEC), conducted a lead-based paint inspection at Battle Creek Environmental Magnet School, 60 S. Ruth, St. Paul, MN. The purpose of this inspection was to identify lead-based painted, varnished, or otherwise coated building components on the interior and exterior of the school building.

The inspection protocol incorporated applicable portions of the U.S. Department of Housing and Urban Development (HUD) *Guidelines for the Evaluation and Control of Lead-based Paint Hazards in Housing* (HUD Guidelines, June 1995) and OSHA 1926.62 requirements (Lead in Construction). The HUD guidelines are formulated to guide agencies in conducting random sampling of the interiors and exteriors of dwellings and common areas in public housing. The OSHA requirement is designed to minimize worker exposure when working with material containing lead.

Confirmatory testing was conducted when inconclusive XRF results were encountered. Inconclusive refers to XRF readings less than 0.2 mg/cm<sup>2</sup> (milligrams per square centimeter). Inconclusive results were confirmed with laboratory analysis of paint chip samples (Appendix B). This report contains a list of such results.

The United States Environmental Protection Agency defines "lead-based paint" as a paint or other surface coating that contains lead equal to or in excess of 1.0 milligrams per square centimeter when analyzed by XRF or more than 0.5% by weight (5000 parts per million) by laboratory analysis of a bulk sample.

Minnesota Department of Labor and Industry (MN OSHA) adopted the EPA lead levels for the purpose of enforcing OSHA 1926.62 federal regulations. Detection of lead in dried paint film by XRF is a dependable indicator of levels of lead and is accepted by MN OSHA.

For this Saint Paul Public Schools Lead Inspection, all building components were tested on site using a Niton XL® X-ray Fluorescence Spectrum Analyzer<sup>(1)</sup>. Building components included walls, ceilings, floors, moldings, window and door components, door surfaces, and miscellaneous features such as shelves or bookcases. Only painted or glazed surfaces or surfaces which were varnished were tested. Suspended ceilings, structural steel, and corrugated decking were not included in the inspection. Neither anodized (e.g., window sashes) nor plastic (e.g., vinyl baseboard and vinyl mini-blinds) were included in the scope of this inspection.

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<sup>(1)</sup> This is a portable hand held machine that can analyze building components instantly for lead concentrations.

Each building was divided into unique sites based on the year of construction or renovation. Portable classrooms, playgrounds, and other detached buildings were automatically designated as a unique site. Each site was inspected independently assuming differences in painting history and construction characteristics.

## SITE DESCRIPTION AND BUILDING HISTORY

According to information provided to MEC by Saint Paul Public Schools, Battle Creek Environmental Magnet School was constructed in essentially three phases. The initial phase includes the 46,671 square-foot older section of the building and dates from 1965. The second phase is a 3,865 square foot addition dating from 1967. The third phase is a 15,885 square foot addition from 1997.

The 1965 phase and 1967 phase are considered to be site 1 because differentiating between the phases was not possible. The 1997 phase was not inspected due to the age of the addition.

All room and area designations used in this report are depicted on sampling maps found in Appendix A.

## XRF SAMPLE RESULTS TABLE

The results of all samples analyzed are listed in the table at the end of this section. The following is a description of the column headings:

<b>Site</b>	Each school is divided into sites based on their unique construction characteristics. Each site has a unique date of construction or major renovation.
<b>Sample #</b>	Each sample taken was given a unique number to identify the type and location of the sample. The sampling date is an integral part of the sample number.
<b>Analysis</b>	This defines the type of analysis which can be categorized into two types:  1) XRF: This is an on-site analysis using a hand held Niton XL® X-ray Fluorescence Spectrum Analyzer;  2) Bulk or Chip: This is a bulk sample where paint is removed from the substrate and sent to a laboratory for analysis;
<b>Floor</b>	This is the level of the building in which the area tested was found, example, 1 (first floor), 0 (basement), etc.

- Area** This further defines the specific functional space inspected such as a classroom, exterior, playground, gym, kitchen, etc.
- Room #** This is typically the actual number on the room as identified at the building.
- Component** Building "components" included walls, ceilings, floors, moldings, window and door components, door surfaces, and miscellaneous features such as shelves or bookcases.
- Feature** Identifies more detailed information of the component.
- Condition** This describes condition of the surface, whether it is intact, cracked, peeling, or chalking.
- Substrate** This refers to the material the building component is made of (wood, concrete, drywall, metal, etc.).
- Result** This is the analysis results for lead. Less than 1.0 mg/cm<sup>2</sup> or less than 0.5% by weight is considered to be non-lead and these building components are below the action levels of EPA and HUD. (All results are in mg/cm<sup>2</sup> except where noted.)

The table of results is designed for quick information on lead concentrations of tested building components. Generally, all repetitions of a test combination within a given room or area, may be assumed to contain similar concentrations of lead to that of the tested sample. For instance, the lead concentration of a tested wooden window sash was found to be above the action level of 1.0 mg/cm<sup>2</sup> in a given classroom. The classroom has five windows, all of wood, the same color and appearing to be of the same era. It can be assumed that the remaining four wooden window sashes each contain lead above the action limit.

Other columns identify the component and the component feature tested, condition of the component, type of substrate and the result of the analytical test.

As an example, the following illustration shows that the wooden door jamb in Room 123, first floor in the 1923 building section was in good, solid condition, and had an XRF test result of 0.3 mg/cm<sup>2</sup>, which is below the action level.

#### Illustration Only

Site	Sample #	Date	Analysis	Floor	Area	Room #	Component	Feature	Condition	Substrate	Results
1923 Bldg.	52		XRF	1	Room	123	Door	Jamb	Solid	Wood	0.3

In a similar manner, the table shows that the plaster walls in room 23, on the second floor has peeling paint with more than 1.0 mg/cm<sup>2</sup> (shaded).

#### ILLUSTRATION ONLY

Site	Sample #	Date	Analysis	Floor	Area	Room #	Component	Feature	Condition	Substrate	Results
1910 Bldg.	16		XRF	2	Room	23	Door	Jamb	Peeling	Wood	0.25
1910 Bldg.	17		XRF	2	Room	23	Wall	Wall	Peeling	Plaster	1.2
1910 Bldg.	18		XRF	2	Room	23		Ceiling	Peeling	Plaster	0.25
1910 Bldg.	19		XRF	2	Room	23	Wall	Baseboard	Peeling	Wood	0.002

### APPLICABLE REGULATIONS

When building components test above 1.0 mg/cm<sup>2</sup> of lead by XRF or 0.5% lead by weight from laboratory analysis all employees and contractors who will be working with these components in a construction related activity must be notified. The requirements of OSHA 1926.62, Lead in Construction are enforceable. This regulation defines construction work as "work for construction, alteration and/or repair, including painting and decorating." This regulation further defines monitoring requirements to minimize employee exposure to lead during construction activities.

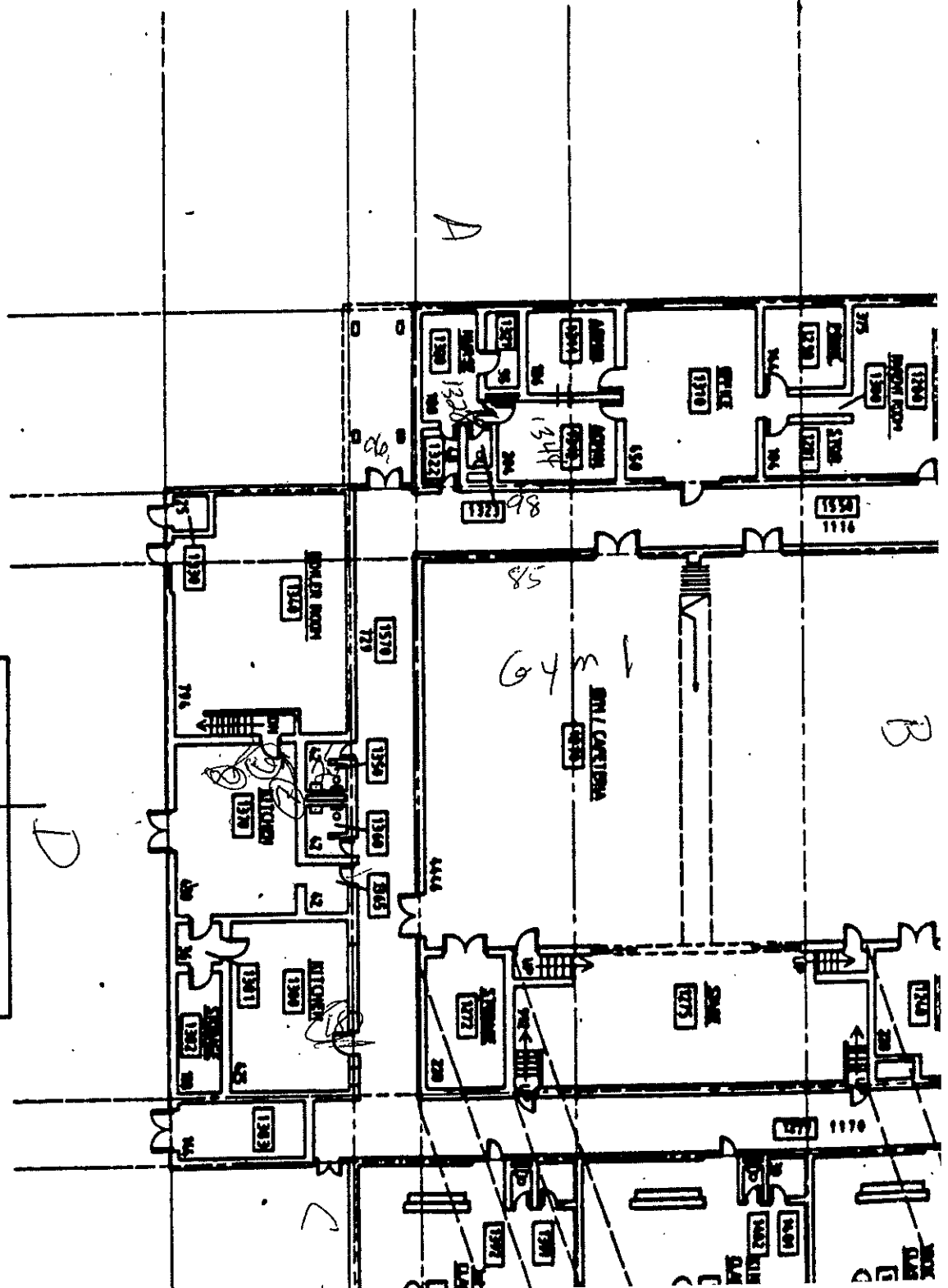
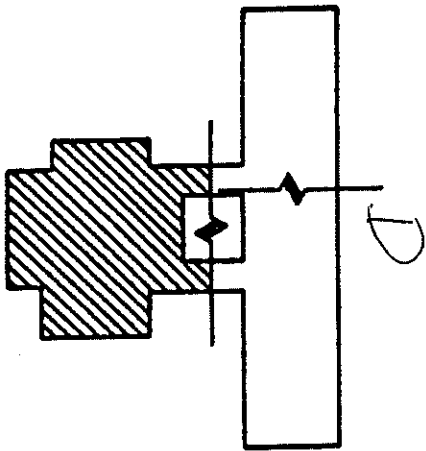
When work is performed on external painted building structures (i.e. flashing, fire escapes, playground equipment, handrails, etc.), regulations of the Minnesota Pollution Control Agency (MPCA) may also be applicable. For removal of lead based paint from steel structures, MN Rules 7025.0200 - 7025.0380 apply to steel materials on the exterior of a building, or on the property when levels exceed 0.5 mg/cm<sup>2</sup> based on the average of three XRF spectrum results of the sample tested, or 5,000 ppm by laboratory analysis. If it is other than a steel surface, then MPCA regulates the painted surfaces under MN Rules 7025.010 - 7025.0080, when surfaces are to be disturbed using abrasive blasting methods.

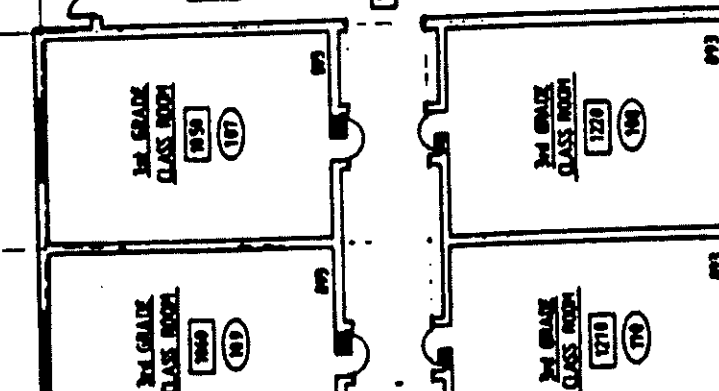
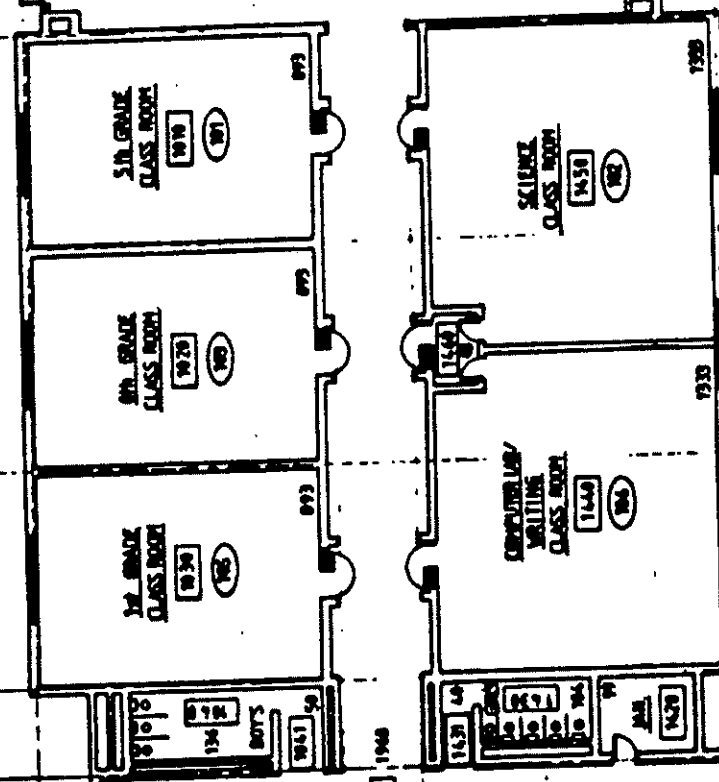
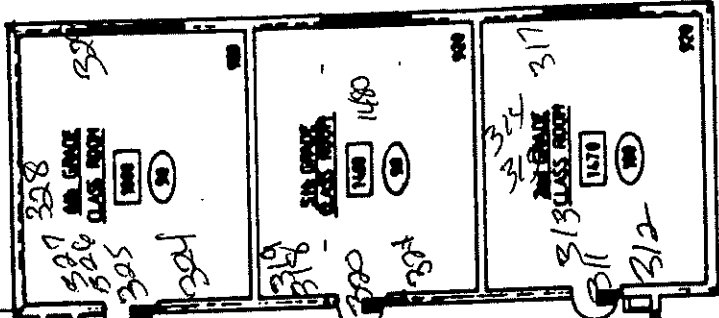
Please contact MEC directly if you have questions about any portion of this report or the lead-based paint inspection itself.

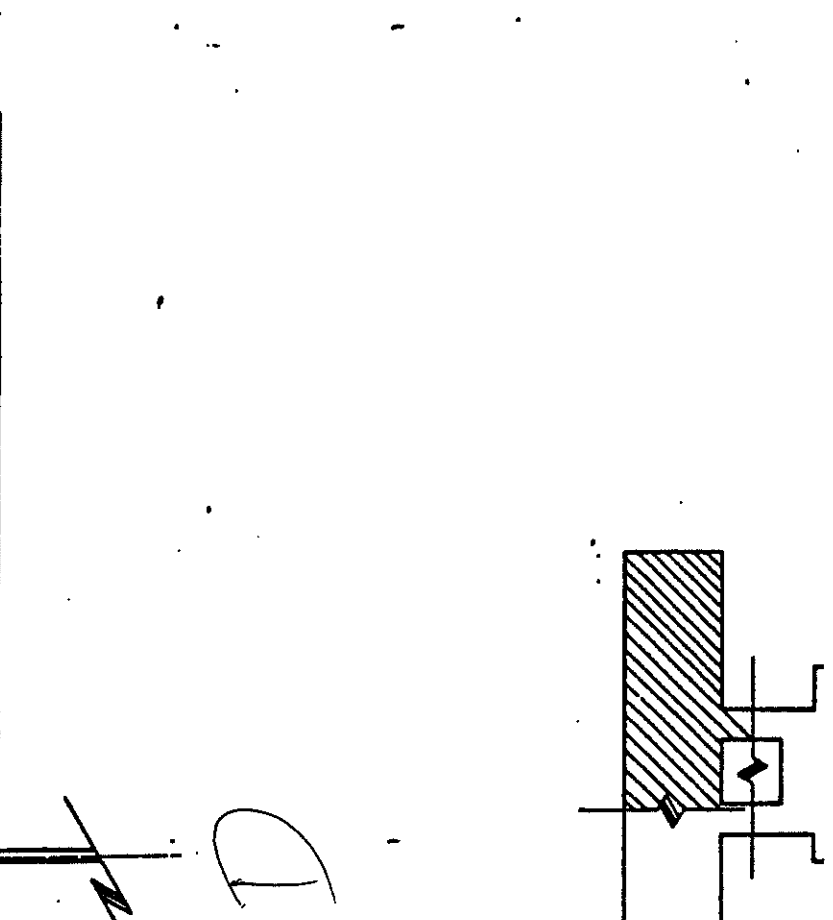
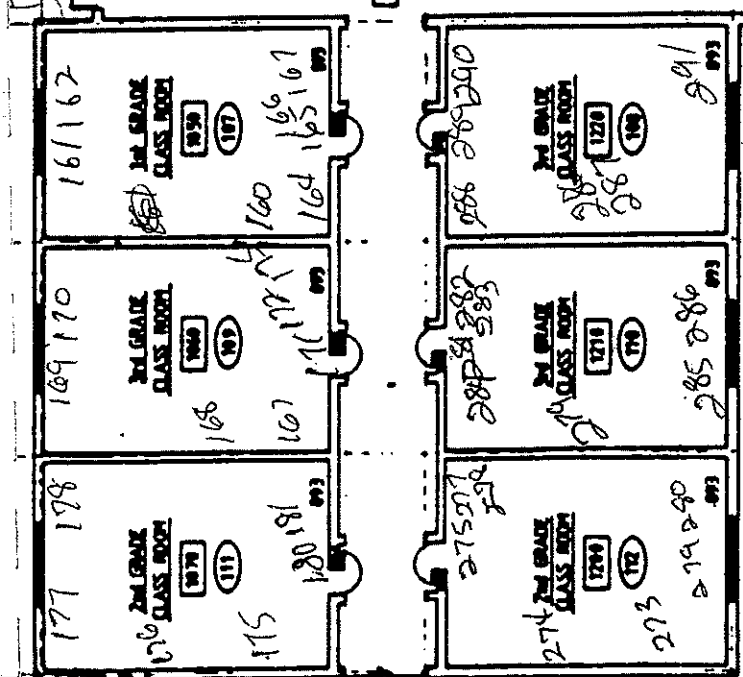
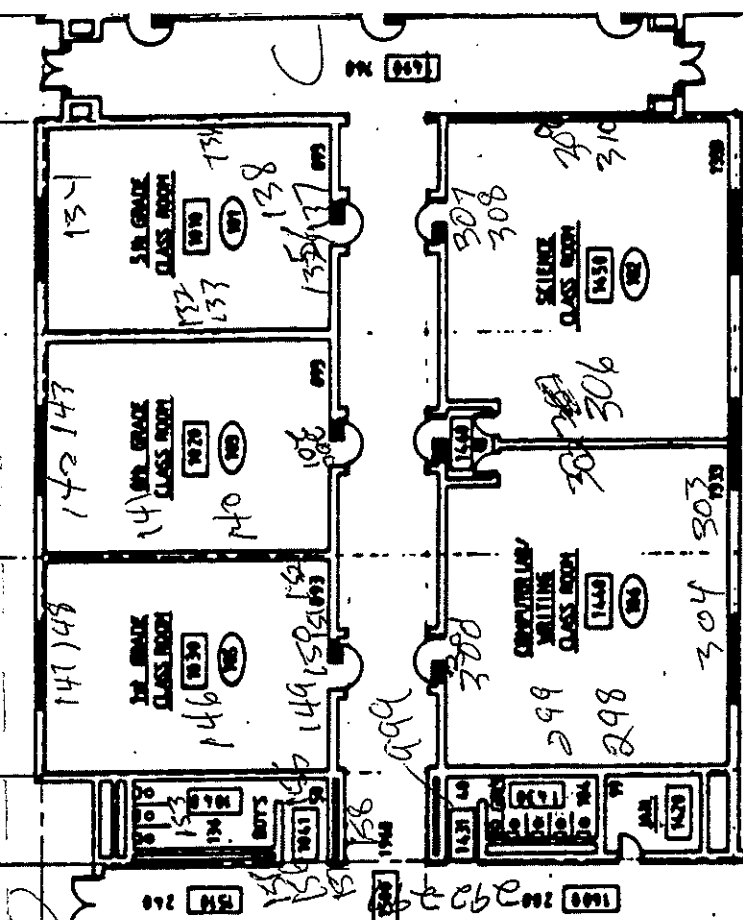
**APPENDIX A**

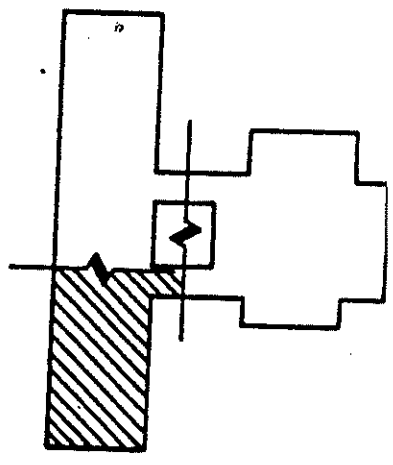
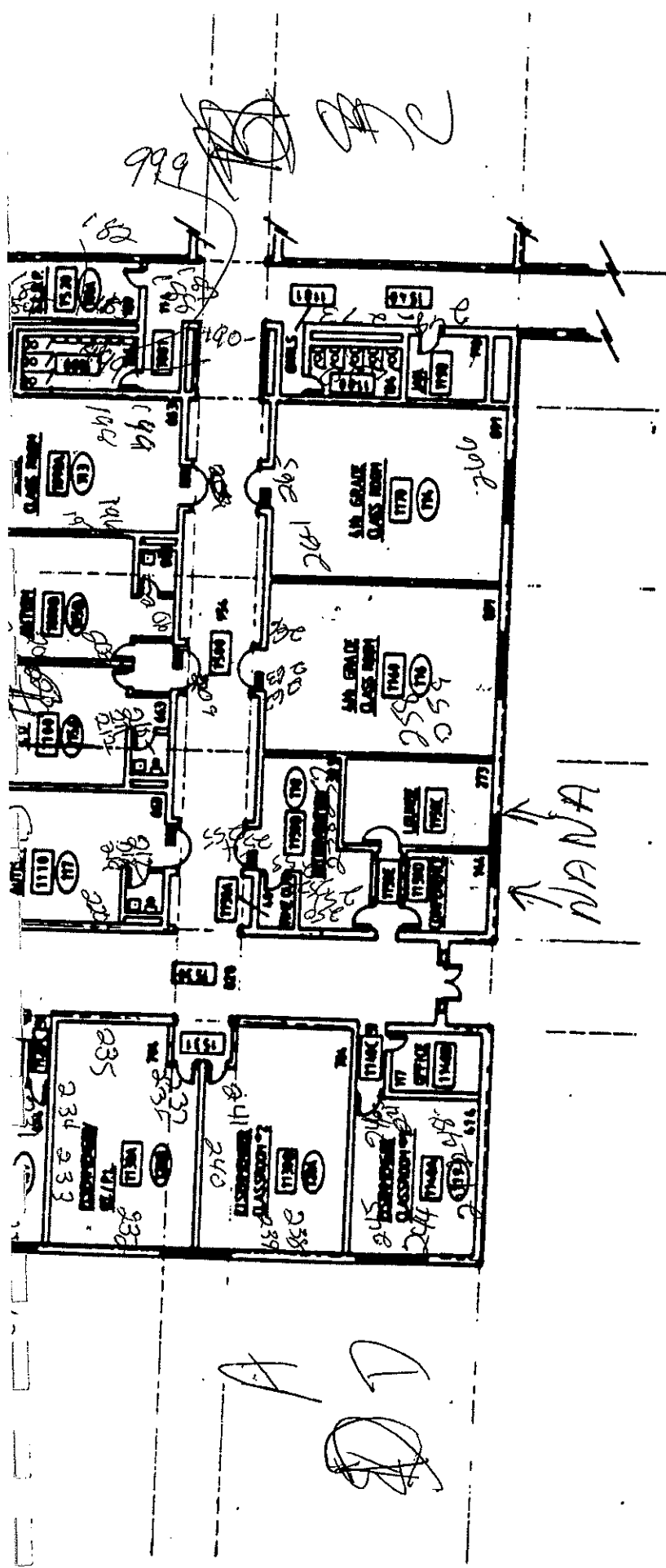
**XRF TESTING DATA  
WITH  
LOCATION MAPS**







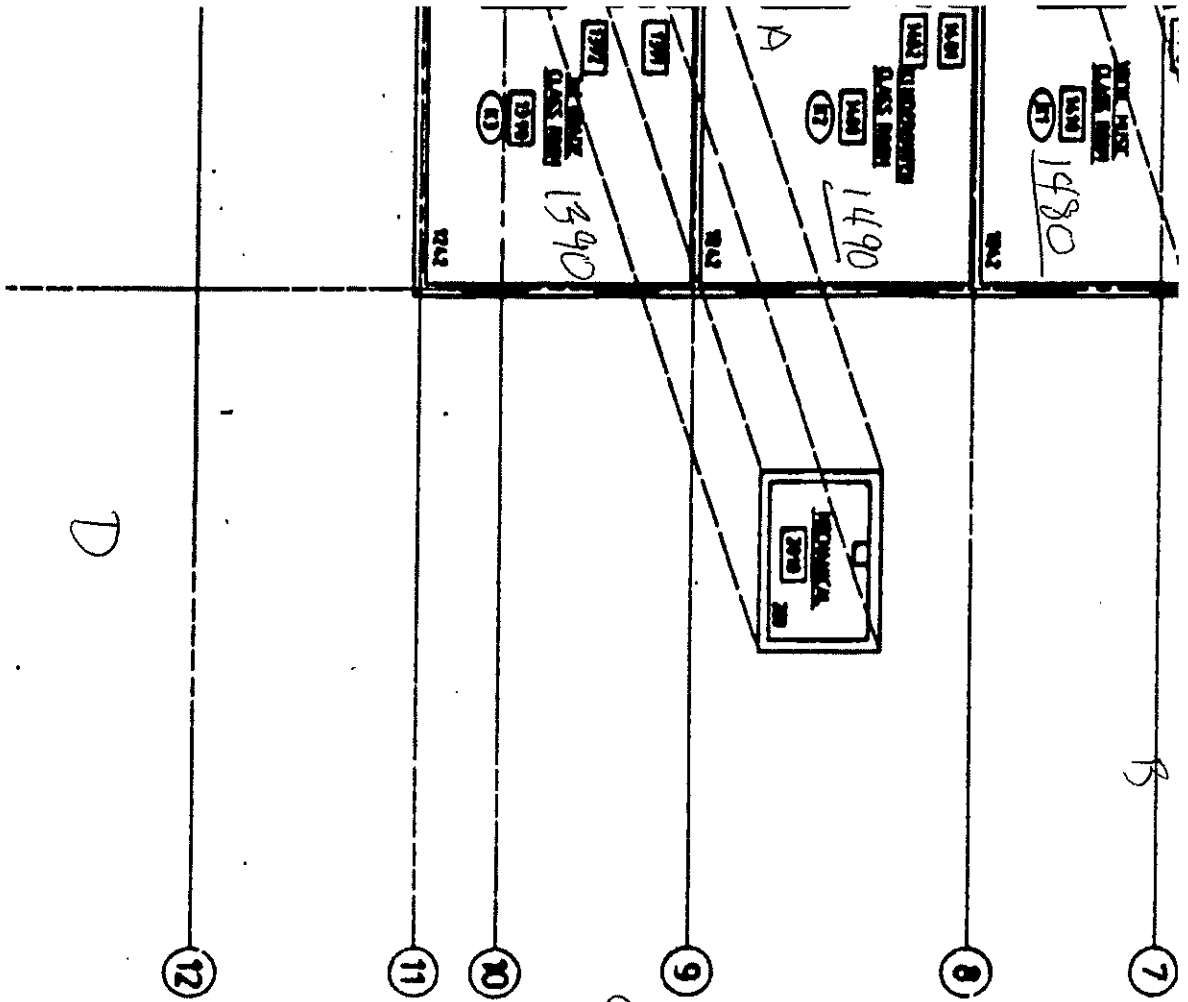




--- INDICATES ARCH ROOM NUMBER  
 --- INDICATES CLASS ROOM NUMBER  
 --- INDICATES ROOM IN PERIOD

L.F.T. TL 700  
 T. 0.170

**MAIN FLOOR PLAN**



INDEPENDENT SCHOOL DIST. #625  
360 COLBORNE STREET  
ST. PAUL, MINNESOTA 55102

BATTLE CREEK ELEMENTARY  
60 S. RUTH STREET  
ST. PAUL, MINNESOTA

CONS

Saint Paul Public Schools  
 Battle Creek Environmental Magnet School  
 Lead-Based Paint Inspection

	A	B	C	D	E	F	G	H	I	J	K	L
1	Battle Creek Environmental Magnet School											
2												
3	Site	Sample#	Analysis	Date	Floor	Area	Room#	Component	Feature	Condition	Substrate	Result
4	1965 & 1967 Bldg.	132	XRF	5/14/97	1	Classroom	101	Wall	Midle Wall	Solid	Concrte	0.06
5	1965 & 1967 Bldg.	133	XRF	5/14/97	1	Classroom	101	Wall	Mural	Solid	Concrte	0.11
6	1965 & 1967 Bldg.	134	XRF	5/14/97	1	Classroom	101	Wall	Wall	Solid	Concrte	0.04
7	1965 & 1967 Bldg.	135	XRF	5/14/97	1	Classroom	101	Cabinet	Door	Solid	Wood	0
8	1965 & 1967 Bldg.	136	XRF	5/14/97	1	Classroom	101	Wall	Wall Rgstr	Solid	Metal	0.05
9	1965 & 1967 Bldg.	137	XRF	5/14/97	1	Classroom	101	Door	Door	Solid	Wood	0.01
10	1965 & 1967 Bldg.	138	XRF	5/14/97	1	Classroom	101	Door	Casing	Solid	Metal	0.25
11	1965 & 1967 Bldg.	139	XRF	5/14/97	1	Classroom	101	Wall	Midle Wall	Solid	Concrte	0.07
12	1965 & 1967 Bldg.	140	XRF	5/14/97	1	Classroom	103	Wall	Midle Wall	Solid	Concrte	0.07
13	1965 & 1967 Bldg.	141	XRF	5/14/97	1	Classroom	103	Wall	Wall	Solid	Concrte	0.05
14	1965 & 1967 Bldg.	142	XRF	5/14/97	1	Classroom	103	Wall	Mural	Solid	Concrte	0.08
15	1965 & 1967 Bldg.	143	XRF	5/14/97	1	Classroom	103	Bookcase	Shelf	Solid	Wood	0.02
16	1965 & 1967 Bldg.	144	XRF	5/14/97	1	Classroom	103	Door	Door	Solid	Wood	0
17	1965 & 1967 Bldg.	145	XRF	5/14/97	1	Classroom	103	Door	Casing	Solid	Metal	0.17
18	1965 & 1967 Bldg.	146	XRF	5/14/97	1	Classroom	105	Wall	Midle Wall	Solid	Concrte	0.11
19	1965 & 1967 Bldg.	147	XRF	5/14/97	1	Classroom	105	Wall	Mural	Solid	Concrte	0.1
20	1965 & 1967 Bldg.	148	XRF	5/14/97	1	Classroom	105	Wall	Mural	Solid	Concrte	0.12
21	1965 & 1967 Bldg.	149	XRF	5/14/97	1	Classroom	105	Cabinet	Outside	Solid	Wood	0
22	1965 & 1967 Bldg.	150	XRF	5/14/97	1	Classroom	105	Door	Door	Solid	Wood	0.01
23	1965 & 1967 Bldg.	151	XRF	5/14/97	1	Classroom	105	Door	Casing	Solid	Metal	0.21
24	1965 & 1967 Bldg.	152	XRF	5/14/97	1	Classroom	105	Wall	Midle Wall	Solid	Concrte	0.08
25	1965 & 1967 Bldg.	160	XRF	5/14/97	1	Classroom	107	Wall	Wall	Solid	Concrte	0.1
26	1965 & 1967 Bldg.	161	XRF	5/14/97	1	Classroom	107	Wall	Mural	Solid	Concrte	0.03
27	1965 & 1967 Bldg.	162	XRF	5/14/97	1	Classroom	107	Wall	Mural	Solid	Concrte	0.06
28	1965 & 1967 Bldg.	163	XRF	5/14/97	1	Classroom	107	Cabinet	Door	Solid	Wood	0
29	1965 & 1967 Bldg.	164	XRF	5/14/97	1	Classroom	107	Door	Door	Solid	Wood	0.01
30	1965 & 1967 Bldg.	165	XRF	5/14/97	1	Classroom	107	Door	Casing	Solid	Metal	0.13
31	1965 & 1967 Bldg.	166	XRF	5/14/97	1	Classroom	107	Wall	Midle Wall	Solid	Concrte	0.04
32	1965 & 1967 Bldg.	167	XRF	5/14/97	1	Classroom	109	Wall	Midle Wall	Solid	Concrte	0.03
33	1965 & 1967 Bldg.	168	XRF	5/14/97	1	Classroom	109	Wall	Wall	Solid	Concrte	0.04
34	1965 & 1967 Bldg.	169	XRF	5/14/97	1	Classroom	109	Wall	Mural	Solid	Concrte	0.03
35	1965 & 1967 Bldg.	170	XRF	5/14/97	1	Classroom	109	Wall	Mural	Solid	Concrte	0.08
36	1965 & 1967 Bldg.	171	XRF	5/14/97	1	Classroom	109	Door	Door	Solid	Wood	0.01
37	1965 & 1967 Bldg.	172	XRF	5/14/97	1	Classroom	109	Door	Door	Solid	Metal	0.26
38	1965 & 1967 Bldg.	173	XRF	5/14/97	1	Classroom	109	Wall	Midle Wall	Solid	Concrte	0.06
39	1965 & 1967 Bldg.	174	XRF	5/14/97	1	Classroom	109	Cabinet	Door	Solid	Wood	0
40	1965 & 1967 Bldg.	175	XRF	5/14/97	1	Classroom	111	Wall	Midle Wall	Solid	Concrte	0.07
41	1965 & 1967 Bldg.	176	XRF	5/14/97	1	Classroom	111	Wall	Wall	Solid	Concrte	0.09
42	1965 & 1967 Bldg.	177	XRF	5/14/97	1	Classroom	111	Wall	Mural	Solid	Concrte	0.01
43	1965 & 1967 Bldg.	178	XRF	5/14/97	1	Classroom	111	Wall	Mural	Solid	Concrte	0.05
44	1965 & 1967 Bldg.	179	XRF	5/14/97	1	Classroom	111	Door	Door	Solid	Wood	0.02
45	1965 & 1967 Bldg.	180	XRF	5/14/97	1	Classroom	111	Door	Casing	Solid	Metal	0.22
46	1965 & 1967 Bldg.	181	XRF	5/14/97	1	Classroom	111	Cabinet	Door	Solid	Wood	0.01
47	1965 & 1967 Bldg.	196	XRF	5/14/97	1	Classroom	113	Wall	Midle Wall	Solid	Drywall	0
48	1965 & 1967 Bldg.	197	XRF	5/14/97	1	Classroom	113	Cabinet	Door	Solid	Wood	0
49	1965 & 1967 Bldg.	198	XRF	5/14/97	1	Classroom	113	Wall	Midle Wall	Solid	Concrte	0.1
50	1965 & 1967 Bldg.	199	XRF	5/14/97	1	Classroom	113	Wall	Midle Wall	Solid	Concrte	0.1
51	1965 & 1967 Bldg.	200	XRF	5/14/97	1	Classroom	113	Door	Door	Solid	Wood	0.02
52	1965 & 1967 Bldg.	201	XRF	5/14/97	1	Classroom	113	Door	Casing	Solid	Metal	0.16
53	1965 & 1967 Bldg.	324	XRF	5/14/97	1	Classroom	1000	Cabinet	Door	Solid	Wood	0.01
54	1965 & 1967 Bldg.	325	XRF	5/14/97	1	Classroom	1000	Door	Door	Solid	Wood	0.02
55	1965 & 1967 Bldg.	326	XRF	5/14/97	1	Classroom	1000	Door	Casing	Solid	Metal	0.02
56	1965 & 1967 Bldg.	327	XRF	5/14/97	1	Classroom	1000	Wall	Mural	Solid	Concrte	0.05
57	1965 & 1967 Bldg.	328	XRF	5/14/97	1	Classroom	1000	Wall	Wall	Solid	Concrte	0.05
58	1965 & 1967 Bldg.	329	XRF	5/14/97	1	Classroom	1000	Wall	Wall	Solid	Concrte	0.03
59	1965 & 1967 Bldg.	51	XRF	5/15/97	1	Classroom	1000	Ceiling		Solid	Concrte	0.06
60	1965 & 1967 Bldg.	27	XRF	5/15/97	1	Classroom	1010	Ceiling		Solid	Concrte	0.04
61	1965 & 1967 Bldg.	28	XRF	5/15/97	1	Classroom	1030	Ceiling		Solid	Concrte	0.06
62	1965 & 1967 Bldg.	202	XRF	5/14/97	1	Classroom	1050	Wall	Wall	Solid	Plaster	0
63	1965 & 1967 Bldg.	203	XRF	5/14/97	1	Classroom	1050	Wall	Mural	Solid	Concrte	0.09
64	1965 & 1967 Bldg.	204	XRF	5/14/97	1	Classroom	1050	Wall	Midle Wall	Solid	Concrte	0.03

Saint Paul Public Schools  
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	A	B	C	D	E	F	G	H	I	J	K	L
3	Site	Sample#	Analysis	Date	Floor	Area	Room#	Component	Feature	Condition	Substrate	Result
65	1965 & 1967 Bldg.	205	XRF	5/14/97	1	Classroom	1050	Bookcase	Shelf	Solid	Wood	0.01
66	1965 & 1967 Bldg.	206	XRF	5/14/97	1	Classroom	1050	Door	Door	Solid	Wood	0
67	1965 & 1967 Bldg.	207	XRF	5/14/97	1	Classroom	1050	Wall	Middle Wall	Solid	Concrte	0.03
68	1965 & 1967 Bldg.	208	XRF	5/14/97	1	Classroom	1050	Cabinet	Door	Solid	Wood	0
69	1965 & 1967 Bldg.	209	XRF	5/14/97	1	Classroom	1050	Door	Casing	Solid	Metal	0.04
70	1965 & 1967 Bldg.	30	XRF	5/15/97	1	Classroom	1050	Ceiling		Solid	Concrte	0.02
71	1965 & 1967 Bldg.	210	XRF	5/14/97	1	Classroom	1051	Door	Door	Solid	Wood	0
72	1965 & 1967 Bldg.	211	XRF	5/14/97	1	Classroom	1051	Door	Casing	Solid	Metal	0.01
73	1965 & 1967 Bldg.	212	XRF	5/14/97	1	Classroom	1051	Wall	Middle Wall	Solid	Drywall	0
74	1965 & 1967 Bldg.	213	XRF	5/14/97	1	Classroom	1051	Wall	Wall	Solid	Concrte	0.03
75	1965 & 1967 Bldg.	214	XRF	5/14/97	1	Classroom	1051	Wall	Wall	Solid	Plaster	0
76	1965 & 1967 Bldg.	215	XRF	5/14/97	1	Classroom	1051	Cabinet	Door	Solid	Wood	0
77	1965 & 1967 Bldg.	216	XRF	5/14/97	1	Classroom	1051	Wall	Middle Wall	Solid	Concrte	0.02
78	1965 & 1967 Bldg.	31	XRF	5/15/97	1	Classroom	1060	Ceiling		Solid	Concrte	0.05
79	1965 & 1967 Bldg.	32	XRF	5/15/97	1	Classroom	1070	Ceiling		Solid	Concrte	0.04
80	1965 & 1967 Bldg.	34	XRF	5/15/97	1	Classroom	1090	Ceiling		Solid	Concrte	0.08
81	1965 & 1967 Bldg.	35	XRF	5/15/97	1	Classroom	1100	Ceiling		Solid	Concrte	0.04
82	1965 & 1967 Bldg.	217	XRF	5/14/97	1	Classroom	1110	Door	Door	Solid	Wood	0
83	1965 & 1967 Bldg.	218	XRF	5/14/97	1	Classroom	1110	Door	Casing	Solid	Metal	0.01
84	1965 & 1967 Bldg.	219	XRF	5/14/97	1	Classroom	1110	Wall	Middle Wall	Solid	Drywall	0.01
85	1965 & 1967 Bldg.	220	XRF	5/14/97	1	Classroom	1110	Wall	Wall	Solid	Concrte	0.09
86	1965 & 1967 Bldg.	221	XRF	5/14/97	1	Classroom	1110	Wall	Mural	Solid	Concrte	0.06
87	1965 & 1967 Bldg.	222	XRF	5/14/97	1	Classroom	1110	Wall	Wall Rgstr	Solid	Metal	0.03
88	1965 & 1967 Bldg.	223	XRF	5/14/97	1	Classroom	1110	Wall	Wall	Solid	Plaster	0
89	1965 & 1967 Bldg.	224	XRF	5/14/97	1	Classroom	1110	Cabinet	Door	Solid	Wood	0
90	1965 & 1967 Bldg.	225	XRF	5/14/97	1	Classroom	1110	Window	Casing	Solid	Metal	0.08
91	1965 & 1967 Bldg.	36	XRF	5/15/97	1	Classroom	1110	Ceiling		Solid	Concrte	0.02
92	1965 & 1967 Bldg.	226	XRF	5/14/97	1	Classroom	1120	Wall	Middle Wall	Solid	Concrte	0.09
93	1965 & 1967 Bldg.	227	XRF	5/14/97	1	Classroom	1120	Bookcase	Shelf	Solid	Wood	0.01
94	1965 & 1967 Bldg.	228	XRF	5/14/97	1	Classroom	1120	Wall	Wall Rgstr	Solid	Metal	0.08
95	1965 & 1967 Bldg.	229	XRF	5/14/97	1	Classroom	1120	Wall	Middle Wall	Solid	Drywall	0
96	1965 & 1967 Bldg.	230	XRF	5/14/97	1	Classroom	1120	Door	Door	Solid	Wood	0
97	1965 & 1967 Bldg.	231	XRF	5/14/97	1	Classroom	1120	Door	Casing	Solid	Metal	0.04
98	1965 & 1967 Bldg.	37	XRF	5/15/97	1	Classroom	1120	Ceiling		Solid	Concrte	0.02
99	1965 & 1967 Bldg.	232	XRF	5/14/97	1	Classroom	1130	Wall	Mural	Solid	Concrte	0.09
100	1965 & 1967 Bldg.	233	XRF	5/14/97	1	Classroom	1130	Wall	Mural	Solid	Drywall	0
101	1965 & 1967 Bldg.	234	XRF	5/14/97	1	Classroom	1130	Cabinet	Door	Solid	Wood	0.01
102	1965 & 1967 Bldg.	235	XRF	5/14/97	1	Classroom	1130	Wall	Middle Wall	Solid	Concrte	0.05
103	1965 & 1967 Bldg.	236	XRF	5/14/97	1	Classroom	1130	Door	Door	Solid	Wood	0
104	1965 & 1967 Bldg.	237	XRF	5/14/97	1	Classroom	1130	Door	Casing	Solid	Metal	0.03
105	1965 & 1967 Bldg.	238	XRF	5/14/97	1	Classroom	1130	Wall	Middle Wall	Solid	Concrte	0.03
106	1965 & 1967 Bldg.	239	XRF	5/14/97	1	Classroom	1130	Wall	Mural	Solid	Concrte	0.06
107	1965 & 1967 Bldg.	240	XRF	5/14/97	1	Classroom	1130	Wall	Wall	Solid	Drywall	0.01
108	1965 & 1967 Bldg.	241	XRF	5/14/97	1	Classroom	1130	Door	Door	Solid	Wood	0
109	1965 & 1967 Bldg.	242	XRF	5/14/97	1	Classroom	1130	Door	Casing	Solid	Metal	0.03
110	1965 & 1967 Bldg.	243	XRF	5/14/97	1	Classroom	1130	Cabinet	Door	Solid	Wood	0.04
111	1965 & 1967 Bldg.	38	XRF	5/15/97	1	Classroom	1130	Ceiling		Solid	Concrte	0.05
112	1965 & 1967 Bldg.	244	XRF	5/14/97	1	Classroom	1140	Wall	Middle Wall	Solid	Concrte	0.04
113	1965 & 1967 Bldg.	245	XRF	5/14/97	1	Classroom	1140	Bookcase	Shelf	Solid	Wood	0
114	1965 & 1967 Bldg.	246	XRF	5/14/97	1	Classroom	1140	Door	Door	Solid	Wood	0
115	1965 & 1967 Bldg.	247	XRF	5/14/97	1	Classroom	1140	Door	Casing	Solid	Metal	0.04
116	1965 & 1967 Bldg.	248	XRF	5/14/97	1	Classroom	1140	Wall	Middle Wall	Solid	Drywall	0.05
117	1965 & 1967 Bldg.	249	XRF	5/14/97	1	Classroom	1140	Wall	Wall Rgstr	Solid	Metal	0.02
118	1965 & 1967 Bldg.	39	XRF	5/15/97	1	Classroom	1140	Ceiling		Solid	Concrte	0.03
119	1965 & 1967 Bldg.	258	XRF	5/14/97	1	Classroom	1160	Wall	Middle Wall	Solid	Concrte	0.04
120	1965 & 1967 Bldg.	259	XRF	5/14/97	1	Classroom	1160	Wall	Wall	Solid	Concrte	0.01
121	1965 & 1967 Bldg.	260	XRF	5/14/97	1	Classroom	1160	Cabinet	Door	Solid	Wood	0.01
122	1965 & 1967 Bldg.	261	XRF	5/14/97	1	Classroom	1160	Door	Door	Solid	Wood	0.01
123	1965 & 1967 Bldg.	262	XRF	5/14/97	1	Classroom	1160	Door	Casing	Solid	Metal	0.12
124	1965 & 1967 Bldg.	263	XRF	5/14/97	1	Classroom	1160	Wall	Middle Wall	Solid	Concrte	0.02
125	1965 & 1967 Bldg.	42	XRF	5/15/97	1	Classroom	1160	Ceiling		Solid	Concrte	0.03
126	1965 & 1967 Bldg.	41	XRF	5/15/97	1	Classroom	1160	Ceiling		Solid	Concrte	0.04
127	1965 & 1967 Bldg.	264	XRF	5/14/97	1	Classroom	1170	Wall	Wall	Solid	Concrte	0.07

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3	A	B	C	D	E	F	G	H	I	J	K	L
Site	Sample#	Analysis	Date	Floor	Area	Room#	Component	Feature	Condition	Substrate	Result	
128	1965 & 1967 Bldg.	265	XRF	5/14/97	1	Classroom	1170	Door	Door	Solid	Wood	0.01
129	1965 & 1967 Bldg.	266	XRF	5/14/97	1	Classroom	1170	Wall	Middle Wall	Solid	Concrte	0.05
130	1965 & 1967 Bldg.	267	XRF	5/14/97	1	Classroom	1170	Wall	Mural	Solid	Concrte	0.08
131	1965 & 1967 Bldg.	43	XRF	5/15/97	1	Classroom	1170	Ceiling		Solid	Concrte	0.03
132	1965 & 1967 Bldg.	250	XRF	5/14/97	1	Classroom	1190	Wall	Middle Wall	Solid	Concrte	0
133	1965 & 1967 Bldg.	251	XRF	5/14/97	1	Classroom	1190	Wall	Wall Rgstr	Solid	Metal	0.05
134	1965 & 1967 Bldg.	252	XRF	5/14/97	1	Classroom	1190	Wall	Wall	Solid	Wood	0
135	1965 & 1967 Bldg.	253	XRF	5/14/97	1	Classroom	1190	Wall	Baseboard	Solid	Wood	0
136	1965 & 1967 Bldg.	254	XRF	5/14/97	1	Classroom	1190	Door	Door	Solid	Wood	0.01
137	1965 & 1967 Bldg.	255	XRF	5/14/97	1	Classroom	1190	Door	Casing	Solid	Metal	0.25
138	1965 & 1967 Bldg.	256	XRF	5/14/97	1	Classroom	1190	Cabinet	Door	Solid	Wood	0.03
139	1965 & 1967 Bldg.	257	XRF	5/14/97	1	Classroom	1190	Wall	Middle Wall	Solid	Drywall	0
140	1965 & 1967 Bldg.	274	XRF	5/14/97	1	Classroom	1200	Wall	Middle Wall	Solid	Concrte	0.04
141	1965 & 1967 Bldg.	275	XRF	5/14/97	1	Classroom	1200	Cabinet	Door	Solid	Wood	0
142	1965 & 1967 Bldg.	276	XRF	5/14/97	1	Classroom	1200	Window	Casing	Solid	Metal	0.22
143	1965 & 1967 Bldg.	277	XRF	5/14/97	1	Classroom	1200	Door	Door	Solid	Wood	0
144	1965 & 1967 Bldg.	278	XRF	5/14/97	1	Classroom	1200	Wall	Middle Wall	Solid	Concrte	0.06
145	1965 & 1967 Bldg.	279	XRF	5/14/97	1	Classroom	1200	Wall	Mural	Solid	Concrte	0.07
146	1965 & 1967 Bldg.	45	XRF	5/15/97	1	Classroom	1200	Ceiling		Solid	Concrte	0.06
147	1965 & 1967 Bldg.	280	XRF	5/14/97	1	Classroom	1210	Wall	Middle Wall	Solid	Concrte	0.03
148	1965 & 1967 Bldg.	281	XRF	5/14/97	1	Classroom	1210	Cabinet	Door	Solid	Wood	0
149	1965 & 1967 Bldg.	282	XRF	5/14/97	1	Classroom	1210	Door	Casing	Solid	Metal	0.05
150	1965 & 1967 Bldg.	283	XRF	5/14/97	1	Classroom	1210	Door	Door	Solid	Wood	0
151	1965 & 1967 Bldg.	284	XRF	5/14/97	1	Classroom	1210	Wall	Middle Wall	Solid	Concrte	0.09
152	1965 & 1967 Bldg.	285	XRF	5/14/97	1	Classroom	1210	Wall	Mural	Solid	Concrte	0.07
153	1965 & 1967 Bldg.	46	XRF	5/15/97	1	Classroom	1210	Ceiling		Solid	Concrte	0.04
154	1965 & 1967 Bldg.	286	XRF	5/14/97	1	Classroom	1220	Wall	Wall	Solid	Concrte	0.06
155	1965 & 1967 Bldg.	287	XRF	5/14/97	1	Classroom	1220	Wall	Middle Wall	Solid	Concrte	0.03
156	1965 & 1967 Bldg.	288	XRF	5/14/97	1	Classroom	1220	Cabinet	Door	Solid	Wood	0
157	1965 & 1967 Bldg.	289	XRF	5/14/97	1	Classroom	1220	Door	Door	Solid	Wood	0.01
158	1965 & 1967 Bldg.	290	XRF	5/14/97	1	Classroom	1220	Door	Casing	Solid	Metal	0.32
159	1965 & 1967 Bldg.	291	XRF	5/14/97	1	Classroom	1220	Wall	Mural	Solid	Concrte	0.1
160	1965 & 1967 Bldg.	47	XRF	5/15/97	1	Classroom	1220	Ceiling		Solid	Concrte	0.02
161	1965 & 1967 Bldg.	45	XRF	5/13/97	1	Classroom	1390	Wall	Middle Wall	Solid	Concrte	0.06
162	1965 & 1967 Bldg.	46	XRF	5/13/97	1	Classroom	1390	Wall	Chair rail	Solid	Wood	0
163	1965 & 1967 Bldg.	47	XRF	5/13/97	1	Classroom	1390	Door	Door	Solid	Wood	0.01
164	1965 & 1967 Bldg.	48	XRF	5/13/97	1	Classroom	1390	Door	Casing	Solid	Metal	0.22
165	1965 & 1967 Bldg.	49	XRF	5/13/97	1	Classroom	1390	Door	Door	Solid	Wood	0
166	1965 & 1967 Bldg.	50	XRF	5/13/97	1	Classroom	1390	Door	Casing	Solid	Metal	0.23
167	1965 & 1967 Bldg.	51	XRF	5/13/97	1	Classroom	1390	Wall	Middle Wall	Solid	Concrte	0.05
168	1965 & 1967 Bldg.	52	XRF	5/13/97	1	Classroom	1390	Wall	Middle Wall	Solid	Concrte	0.03
169	1965 & 1967 Bldg.	53	XRF	5/13/97	1	Classroom	1390	Cabinet	Door	Solid	Wood	0
170	1965 & 1967 Bldg.	298	XRF	5/14/97	1	Classroom	1440	Wall	Wall	Solid	Concrte	0.05
171	1965 & 1967 Bldg.	299	XRF	5/14/97	1	Classroom	1440	Wall	Middle Wall	Solid	Concrte	0.04
172	1965 & 1967 Bldg.	300	XRF	5/14/97	1	Classroom	1440	Door	Door	Solid	Wood	0.02
173	1965 & 1967 Bldg.	301	XRF	5/14/97	1	Classroom	1440	Door	Casing	Solid	Metal	0.23
174	1965 & 1967 Bldg.	302	XRF	5/14/97	1	Classroom	1440	Wall	Middle Wall	Solid	Drywall	0
175	1965 & 1967 Bldg.	303	XRF	5/14/97	1	Classroom	1440	Wall	Mural	Solid	Concrte	0.04
176	1965 & 1967 Bldg.	304	XRF	5/14/97	1	Classroom	1440	Wall	Mural	Solid	Concrte	0.15
177	1965 & 1967 Bldg.	49	XRF	5/15/97	1	Classroom	1440	Ceiling		Solid	Concrte	0.03
178	1965 & 1967 Bldg.	305	XRF	5/14/97	1	Classroom	1450	Wall	Middle Wall	Solid	Drywall	0
179	1965 & 1967 Bldg.	306	XRF	5/14/97	1	Classroom	1450	Wall	Middle Wall	Solid	Concrte	0.06
180	1965 & 1967 Bldg.	307	XRF	5/14/97	1	Classroom	1450	Door	Door	Solid	Wood	0.01
181	1965 & 1967 Bldg.	308	XRF	5/14/97	1	Classroom	1450	Door	Casing	Solid	Metal	0.05
182	1965 & 1967 Bldg.	309	XRF	5/14/97	1	Classroom	1450	Wall	Mural	Solid	Concrte	0.04
183	1965 & 1967 Bldg.	310	XRF	5/14/97	1	Classroom	1450	Wall	Mural	Solid	Concrte	0.09
184	1965 & 1967 Bldg.	26	XRF	5/13/97	1	Classroom	1470	Wall	Middle Wall	Solid	Concrte	0.03
185	1965 & 1967 Bldg.	27	XRF	5/13/97	1	Classroom	1470	Wall	Chair rail	Solid	Wood	0.01
186	1965 & 1967 Bldg.	28	XRF	5/13/97	1	Classroom	1470	Door	Door	Solid	Wood	0.01
187	1965 & 1967 Bldg.	29	XRF	5/13/97	1	Classroom	1470	Door	Casing	Solid	Metal	0.21
188	1965 & 1967 Bldg.	30	XRF	5/13/97	1	Classroom	1470	Door	Door	Solid	Wood	0.01
189	1965 & 1967 Bldg.	31	XRF	5/13/97	1	Classroom	1470	Wall	Mural	Solid	Concrte	0.13
190	1965 & 1967 Bldg.	32	XRF	5/13/97	1	Classroom	1470	Cabinet	Door	Solid	Wood	0.01

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191	1965 & 1967 Bldg.	33	XRF	5/13/97	1	Classroom	1470	Wall	Mural	Solid	Concrte	0.05
192	1965 & 1967 Bldg.	311	XRF	5/14/97	1	Classroom	1470	Cabinet	Door	Solid	Wood	0
193	1965 & 1967 Bldg.	312	XRF	5/14/97	1	Classroom	1470	Window	Casing	Solid	Metal	0.01
194	1965 & 1967 Bldg.	313	XRF	5/14/97	1	Classroom	1470	Door	Door	Solid	Wood	0.01
195	1965 & 1967 Bldg.	314	XRF	5/14/97	1	Classroom	1470	Wall	Wall	Solid	Concrte	0.07
196	1965 & 1967 Bldg.	315	XRF	5/14/97	1	Classroom	1470	Wall	Mural	Solid	Concrte	0.03
197	1965 & 1967 Bldg.	316	XRF	5/14/97	1	Classroom	1470	Wall	Wall	Solid	Concrte	0.02
198	1965 & 1967 Bldg.	317	XRF	5/14/97	1	Classroom	1470	Wall	Wall Rgstr	Solid	Metal	0.03
199	1965 & 1967 Bldg.	50	XRF	5/15/97	1	Classroom	1470	Ceiling		Solid	Concrte	0.02
200	1965 & 1967 Bldg.	34	XRF	5/13/97	1	Classroom	1480	Wall	Midle Wall	Solid	Concrte	0.05
201	1965 & 1967 Bldg.	35	XRF	5/13/97	1	Classroom	1480	Door	Door	Solid	Wood	0.01
202	1965 & 1967 Bldg.	36	XRF	5/13/97	1	Classroom	1480	Door	Casing	Solid	Metal	0.25
203	1965 & 1967 Bldg.	37	XRF	5/13/97	1	Classroom	1480	Door	Door	Solid	Wood	0.01
204	1965 & 1967 Bldg.	38	XRF	5/13/97	1	Classroom	1480	Wall	Mural	Solid	Concrte	0.03
206	1965 & 1967 Bldg.	39	XRF	5/13/97	1	Classroom	1480	Wall	Mural	Solid	Concrte	0.05
206	1965 & 1967 Bldg.	40	XRF	5/13/97	1	Classroom	1480	Wall	Mural	Solid	Concrte	0.04
207	1965 & 1967 Bldg.	41	XRF	5/13/97	1	Classroom	1480	Cabinet	Door	Solid	Wood	0
208	1965 & 1967 Bldg.	42	XRF	5/13/97	1	Classroom	1480	Wall	Wall	Solid	Concrte	0.1
209	1965 & 1967 Bldg.	43	XRF	5/13/97	1	Classroom	1480	Bookcase	Shelf	Solid	Wood	0.01
210	1965 & 1967 Bldg.	44	XRF	5/13/97	1	Classroom	1480	Wall	Chair rail	Solid	Wood	0
211	1965 & 1967 Bldg.	318	XRF	5/14/97	1	Classroom	1480	Wall	Wall	Solid	Concrte	0.04
212	1965 & 1967 Bldg.	319	XRF	5/14/97	1	Classroom	1480	Cabinet	Door	Solid	Wood	0.02
213	1965 & 1967 Bldg.	320	XRF	5/14/97	1	Classroom	1480	Door	Door	Solid	Wood	0.01
214	1965 & 1967 Bldg.	321	XRF	5/14/97	1	Classroom	1480	Door	Casing	Solid	Metal	0.02
215	1965 & 1967 Bldg.	322	XRF	5/14/97	1	Classroom	1480	Wall	Midle Wall	Solid	Concrte	0.12
216	1965 & 1967 Bldg.	323	XRF	5/14/97	1	Classroom	1480	Wall	Mural	Solid	Concrte	0.05
217	1965 & 1967 Bldg.	85	XRF	5/13/97	1	Gym	1	Wall	Mural	Solid	Concrte	0
218	1965 & 1967 Bldg.	86	XRF	5/13/97	1	Gym	1	Wall	Mural	Solid	Concrte	0
219	1965 & 1967 Bldg.	87	XRF	5/13/97	1	Gym	1	Door	Door	Solid	Wood	0.01
220	1965 & 1967 Bldg.	88	XRF	5/13/97	1	Gym	1	Door	Casing	Solid	Metal	0.18
221	1965 & 1967 Bldg.	89	XRF	5/13/97	1	Gym	1	Wall	Midle Wall	Solid	Concrte	0.04
222	1965 & 1967 Bldg.	90	XRF	5/13/97	1	Gym	1	Wall	Wall Rgstr	Solid	Metal	0.03
223	1965 & 1967 Bldg.	91	XRF	5/13/97	1	Gym	1	Stairs	Hand rail	Solid	Wood	0
224	1965 & 1967 Bldg.	92	XRF	5/13/97	1	Gym	1	Stairs	Hand rail	Solid	Metal	0.08
225	1965 & 1967 Bldg.	93	XRF	5/13/97	1	Gym	1	Stairs	Tread	Solid	Wood	0
226	1965 & 1967 Bldg.	94	XRF	5/13/97	1	Gym	1	Floor		Solid	Wood	0
227	1965 & 1967 Bldg.	95	XRF	5/13/97	1	Gym	1	Floor		Solid	Wood	0.18
228	1965 & 1967 Bldg.	96	XRF	5/13/97	1	Hall	1550	Door	Door	Solid	Metal	0.27
229	1965 & 1967 Bldg.	97	XRF	5/13/97	1	Hall	1550	Door	Casing	Solid	Metal	0.15
230	1965 & 1967 Bldg.	98	XRF	5/13/97	1	Hall	1550	Wall	Wall Rgstr	Solid	Metal	0.01
231	1965 & 1967 Bldg.	99	XRF	5/13/97	1	Hall	1550		Radiator	Solid	Metal	0.08
232	1965 & 1967 Bldg.	100	XRF	5/13/97	1	Hall	1550	Bookcase	Shelf	Solid	Wood	0.02
233	1965 & 1967 Bldg.	101	XRF	5/13/97	1	Hall	1550	Window	Casing	Solid	Metal	0.34
234	1965 & 1967 Bldg.	102	XRF	5/13/97	1	Hall	1550	Wall	Wall	Solid	Concrte	0
235	1965 & 1967 Bldg.	103	XRF	5/13/97	1	Hall	1550	Door	Door	Solid	Wood	0.01
236	1965 & 1967 Bldg.	104	XRF	5/13/97	1	Hall	1550	Wall	Wall	Solid	Concrte	0.02
237	1965 & 1967 Bldg.	105	XRF	5/13/97	1	Hall	1550	Wall	Mural	Solid	Concrte	0
238	1965 & 1967 Bldg.	106	XRF	5/13/97	1	Hall	1550	Wall	Mural	Solid	Concrte	0
239	1965 & 1967 Bldg.	107	XRF	5/13/97	1	Hall	1550	Wall	Panel	Solid	Metal	0.02
240	1965 & 1967 Bldg.	26	XRF	5/15/97	1	Library	1250	Ceiling		Solid	Concrte	0.03
241	1965 & 1967 Bldg.	108	XRF	5/13/97	1	Library	1290	Wall	Midle Wall	Solid	Concrte	0.07
242	1965 & 1967 Bldg.	109	XRF	5/13/97	1	Library	1290	Wall	Midle Wall	Solid	Concrte	0.05
243	1965 & 1967 Bldg.	110	XRF	5/13/97	1	Library	1290	Wall	Midle Wall	Solid	Concrte	0.11
244	1965 & 1967 Bldg.	111	XRF	5/13/97	1	Library	1290	Wall	Midle Wall	Solid	Concrte	0.04
245	1965 & 1967 Bldg.	112	XRF	5/13/97	1	Library	1290	Wall	Mural	Solid	Concrte	0.06
246	1965 & 1967 Bldg.	113	XRF	5/13/97	1	Library	1290	Door	Door	Solid	Wood	0.01
247	1965 & 1967 Bldg.	114	XRF	5/13/97	1	Library	1290	Door	Casing	Solid	Metal	0.18
248	1965 & 1967 Bldg.	14	XRF	5/15/97	1	Outside	0	Floor		Cracked	Concrte	0.96
249	1965 & 1967 Bldg.	15	XRF	5/15/97	1	Outside	0	Light Pole		Solid	Metal	0
250	1965 & 1967 Bldg.	16	XRF	5/15/97	1	Outside	0	Floor		Solid	Concrte	0
251	1965 & 1967 Bldg.	17	XRF	5/15/97	1	Outside	0	Floor		Solid	Concrte	0.09
252	1965 & 1967 Bldg.	6	XRF	5/15/97		Outside	1	Door	Door	Solid	Metal	0
253	1965 & 1967 Bldg.	7	XRF	5/15/97	1	Outside	1	Door	Jamb	Solid	Metal	0

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254	1965 & 1967 Bldg.	8	XRF	5/15/97	1	Outside	1	Door	Door	Solid	Metal	0.19
255	1965 & 1967 Bldg.	9	XRF	5/15/97	1	Outside	1	Door	Jamb	Solid	Metal	0.19
256	1965 & 1967 Bldg.	10	XRF	5/15/97	1	Outside	1	Door	Downspout	Solid	Metal	0.01
257	1965 & 1967 Bldg.	11	XRF	5/15/97	1	Outside	1	Wall	Wall Rgstr	Cracked	Metal	0.55
258	1965 & 1967 Bldg.	12	XRF	5/15/97	1	Outside	1	Wall	Panel	Solid	Metal	0
259	1965 & 1967 Bldg.	13	XRF	5/15/97	1	Outside	1	Wall	Wall Rgstr	Solid	Metal	0.44
260	1965 & 1967 Bldg.	153	XRF	5/14/97	1	Restroom	136	Door	Stall Door	Solid	Metal	0.17
261	1965 & 1967 Bldg.	154	XRF	5/14/97	1	Restroom	136	Wall	Wall Rgstr	Solid	Metal	0.03
262	1965 & 1967 Bldg.	155	XRF	5/14/97	1	Restroom	136		Radiator	Cracked	Metal	0.01
263	1965 & 1967 Bldg.	156	XRF	5/14/97	1	Restroom	136	Door	Door	Solid	Wood	0
264	1965 & 1967 Bldg.	157	XRF	5/14/97	1	Restroom	136	Door	Header	Solid	Wood	0
265	1965 & 1967 Bldg.	158	XRF	5/14/97	1	Restroom	136	Door	Casing	Solid	Metal	0.21
266	1965 & 1967 Bldg.	159	XRF	5/14/97	1	Restroom	136	Wall	Midle Wall	Solid	Concrte	0
267	1965 & 1967 Bldg.	190	XRF	5/14/97	1	Restroom	999	Wall	Midle Wall	Solid	Concrte	0
268	1965 & 1967 Bldg.	191	XRF	5/14/97	1	Restroom	999	Door	Door	Solid	Wood	0.01
269	1965 & 1967 Bldg.	192	XRF	5/14/97	1	Restroom	999	Door	Casing	Solid	Metal	0.1
270	1965 & 1967 Bldg.	193	XRF	5/14/97	1	Restroom	999	Door	Bthrm Still	Solid	Metal	0.09
271	1965 & 1967 Bldg.	194	XRF	5/14/97	1	Restroom	999	Wall	Wall Rgstr	Solid	Metal	0.05
272	1965 & 1967 Bldg.	195	XRF	5/14/97	1	Restroom	999		Radiator	Cracked	Metal	0.04
273	1965 & 1967 Bldg.	33	XRF	5/15/97	1	Restroom	999	Ceiling		Solid	Concrte	0.02
274	1965 & 1967 Bldg.	29	XRF	5/15/97	1	Restroom	1040	Ceiling		Solid	Concrte	0.02
275	1965 & 1967 Bldg.	268	XRF	5/14/97	1	Restroom	1180		Radiator	Cracked	Metal	0.02
276	1965 & 1967 Bldg.	269	XRF	5/14/97	1	Restroom	1180	Wall	Midle Wall	Solid	Concrte	0.01
277	1965 & 1967 Bldg.	270	XRF	5/14/97	1	Restroom	1180	Wall	Stall Door	Solid	Metal	0.12
278	1965 & 1967 Bldg.	271	XRF	5/14/97	1	Restroom	1180	Wall	Wall Rgstr	Solid	Metal	0.05
279	1965 & 1967 Bldg.	272	XRF	5/14/97	1	Restroom	1180	Door	Door	Solid	Wood	0.01
280	1965 & 1967 Bldg.	273	XRF	5/14/97	1	Restroom	1180	Door	Casing	Solid	Metal	0.14
281	1965 & 1967 Bldg.	44	XRF	5/15/97	1	Restroom	1180	Ceiling		Solid	Concrte	0.02
282	1965 & 1967 Bldg.	22	XRF	5/13/97	1	Restroom	1350	Wall	Bthrm Still	Solid	Metal	0.32
283	1965 & 1967 Bldg.	23	XRF	5/13/97	1	Restroom	1350	Door	Door	Solid	Wood	0
284	1965 & 1967 Bldg.	24	XRF	5/13/97	1	Restroom	1350	Door	Casing	Solid	Metal	0.2
285	1965 & 1967 Bldg.	25	XRF	5/13/97	1	Restroom	1350		Radiator	Solid	Metal	0.05
286	1965 & 1967 Bldg.	23	XRF	5/15/97	1	Restroom	1350	Ceiling		Solid	Concrte	0.04
287	1965 & 1967 Bldg.	19	XRF	5/13/97	1	Restroom	1360	Wall	Bthrm Still	Solid	Metal	0.33
288	1965 & 1967 Bldg.	20	XRF	5/13/97	1	Restroom	1360	Door	Door	Solid	Wood	0.01
289	1965 & 1967 Bldg.	21	XRF	5/13/97	1	Restroom	1360	Door	Casing	Solid	Metal	0.19
290	1965 & 1967 Bldg.	22	XRF	5/15/97	1	Restroom	1360	Ceiling		Solid	Concrte	0.02
291	1965 & 1967 Bldg.	292	XRF	5/14/97	1	Restroom	1430	Door	Stall Door	Solid	Metal	0.31
292	1965 & 1967 Bldg.	293	XRF	5/14/97	1	Restroom	1430	Wall	Wall Rgstr	Solid	Metal	0.04
293	1965 & 1967 Bldg.	294	XRF	5/14/97	1	Restroom	1430	Wall	Midle Wall	Solid	Concrte	0
294	1965 & 1967 Bldg.	295	XRF	5/14/97	1	Restroom	1430		Radiator	Solid	Metal	0.06
295	1965 & 1967 Bldg.	296	XRF	5/14/97	1	Restroom	1430	Door	Door	Solid	Wood	0.01
296	1965 & 1967 Bldg.	297	XRF	5/14/97	1	Restroom	1430	Door	Casing	Solid	Metal	0.19
297	1965 & 1967 Bldg.	48	XRF	5/15/97	1	Restroom	1430	Ceiling		Solid	Concrte	0.02
298	1965 & 1967 Bldg.	40	XRF	5/15/97	1	Room	1150	Ceiling		Solid	Concrte	0.02
299	1965 & 1967 Bldg.	118	XRF	5/13/97	1	Room	1230	Wall	Midle Wall	Solid	Concrte	0.01
300	1965 & 1967 Bldg.	119	XRF	5/13/97	1	Room	1230	Door	Door	Solid	Wood	0
301	1965 & 1967 Bldg.	120	XRF	5/13/97	1	Room	1230	Door	Casing	Solid	Metal	0.22
302	1965 & 1967 Bldg.	121	XRF	5/13/97	1	Room	1230	Cabinet	Door	Solid	Wood	0
303	1965 & 1967 Bldg.	115	XRF	5/13/97	1	Room	1260	Wall	Midle Wall	Solid	Concrte	0.12
304	1965 & 1967 Bldg.	116	XRF	5/13/97	1	Room	1260	Window	Casing	Solid	Metal	0.16
306	1965 & 1967 Bldg.	117	XRF	5/13/97	1	Room	1260	Door	Door	Solid	Wood	0.01
306	1965 & 1967 Bldg.	60	XRF	5/13/97	1	Room	1290	Wall	Midle Wall	Solid	Concrte	0.09
307	1965 & 1967 Bldg.	61	XRF	5/13/97	1	Room	1290	Cabinet	Door	Solid	Wood	0
308	1965 & 1967 Bldg.	62	XRF	5/13/97	1	Room	1290	Door	Door	Solid	Wood	0.01
309	1965 & 1967 Bldg.	63	XRF	5/13/97	1	Room	1290	Door	Casing	Solid	Metal	0.28
310	1965 & 1967 Bldg.	64	XRF	5/13/97	1	Room	1290	Ceiling		Solid	Concrte	0.04
311	1965 & 1967 Bldg.	25	XRF	5/15/97	1	Room	1290	Ceiling		Solid	Concrte	0.03
312	1965 & 1967 Bldg.	65	XRF	5/13/97	1	Room	1291	Door	Door	Solid	Wood	0
313	1965 & 1967 Bldg.	66	XRF	5/13/97	1	Room	1291	Door	Casing	Solid	Metal	0.18
314	1965 & 1967 Bldg.	67	XRF	5/13/97	1	Room	1291	Cabinet	Door	Solid	Wood	0
315	1965 & 1967 Bldg.	68	XRF	5/13/97	1	Room	1291	Wall	Midle Wall	Solid	Concrte	0.01
316	1965 & 1967 Bldg.	14	XRF	5/13/97	1	Room	1300	Wall	Midle Wall	Solid	Concrte	0.06

Saint Paul Public Schools  
 Battle Creek Environmental Magnet School  
 Lead-Based Paint Inspection

	A	B	C	D	E	F	G	H	I	J	K	L
3	Site	Sample#	Analysis	Date	Floor	Area	Room#	Component	Feature	Condition	Substrate	Result
317	1965 & 1967 Bldg.	15	XRF	5/13/97	1	Room	1300	Cabinet	Door	Solid	Wood	0.01
318	1965 & 1967 Bldg.	16	XRF	5/13/97	1	Room	1300	Door	Door	Solid	Wood	0.01
319	1965 & 1967 Bldg.	17	XRF	5/13/97	1	Room	1300	Door	Panel	Solid	Metal	0
320	1965 & 1967 Bldg.	18	XRF	5/13/97	1	Room	1300	Door	Casing	Solid	Metal	0.21
321	1965 & 1967 Bldg.	21	XRF	5/15/97	1	Room	1300	Ceiling		Solid	Concrte	0.04
322	1965 & 1967 Bldg.	54	XRF	5/13/97	1	Room	1310	Wall	Midle Wall	Solid	Concrte	0.11
323	1965 & 1967 Bldg.	55	XRF	5/13/97	1	Room	1310	Wall	Wall	Solid	Concrte	0.11
324	1965 & 1967 Bldg.	56	XRF	5/13/97	1	Room	1310	Cabinet	Door	Solid	Wood	0
325	1965 & 1967 Bldg.	57	XRF	5/13/97	1	Room	1310	Door	Door	Solid	Wood	0.01
326	1965 & 1967 Bldg.	58	XRF	5/13/97	1	Room	1310	Door	Casing	Solid	Metal	0.19
327	1965 & 1967 Bldg.	59	XRF	5/13/97	1	Room	1310	Ceiling		Solid	Concrte	0.02
328	1965 & 1967 Bldg.	24	XRF	5/15/97	1	Room	1310	Ceiling		Solid	Concrte	0.04
329	1965 & 1967 Bldg.	73	XRF	5/13/97	1	Room	1328	Wall	Midle Wall	Solid	Concrte	0.05
330	1965 & 1967 Bldg.	74	XRF	5/13/97	1	Room	1328	Wall	Mural	Solid	Concrte	0.11
331	1965 & 1967 Bldg.	75	XRF	5/13/97	1	Room	1328	Door	Door	Solid	Wood	0
332	1965 & 1967 Bldg.	76	XRF	5/13/97	1	Room	1328	Door	Casing	Solid	Metal	0.19
333	1965 & 1967 Bldg.	77	XRF	5/13/97	1	Room	1328	Ceiling		Solid	Concrte	0.02
334	1965 & 1967 Bldg.	69	XRF	5/13/97	1	Room	1344	Wall	Midle Wall	Solid	Concrte	0.03
335	1965 & 1967 Bldg.	70	XRF	5/13/97	1	Room	1344	Door	Door	Solid	Wood	0
336	1965 & 1967 Bldg.	71	XRF	5/13/97	1	Room	1344	Door	Casing	Solid	Metal	0.22
337	1965 & 1967 Bldg.	72	XRF	5/13/97	1	Room	1344	Wall	Mural	Solid	Concrte	0.09
338	1965 & 1967 Bldg.	78	XRF	5/13/97	1	Room	1344	Wall	Midle Wall	Solid	Concrte	0.05
339	1965 & 1967 Bldg.	79	XRF	5/13/97	1	Room	1344	Wall	Mural	Solid	Concrte	0.18
340	1965 & 1967 Bldg.	80	XRF	5/13/97	1	Room	1344	Wall	Midle Wall	Solid	Wood	0.23
341	1965 & 1967 Bldg.	81	XRF	5/13/97	1	Room	1344	Door	Casing	Solid	Wood	0
342	1965 & 1967 Bldg.	82	XRF	5/13/97	1	Room	1344	Door	Door	Solid	Wood	0.01
343	1965 & 1967 Bldg.	83	XRF	5/13/97	1	Room	1344	Door	Door	Solid	Wood	0.01
344	1965 & 1967 Bldg.	84	XRF	5/13/97	1	Room	1344	Door	Casing	Solid	Metal	0.2
345	1965 & 1967 Bldg.	6	XRF	5/13/97	1	Room	1370	Wall	Midle Wall	Solid	Concrte	0
346	1965 & 1967 Bldg.	7	XRF	5/13/97	1	Room	1370	Door	Door	Solid	Metal	0.29
347	1965 & 1967 Bldg.	8	XRF	5/13/97	1	Room	1370	Door	Casing	Solid	Metal	0.17
348	1965 & 1967 Bldg.	9	XRF	5/13/97	1	Room	1370	Wall	Rail	Solid	Wood	0
349	1965 & 1967 Bldg.	10	XRF	5/13/97	1	Room	1370	Door	Door	Solid	Wood	0.02
350	1965 & 1967 Bldg.	11	XRF	5/13/97	1	Room	1370	Wall	Wall	Solid	Concrte	0
351	1965 & 1967 Bldg.	12	XRF	5/13/97	1	Room	1370	Bookcase	Shelf	Solid	Wood	0
352	1965 & 1967 Bldg.	13	XRF	5/13/97	1	Room	1370	Wall	Mural	Solid	Concrte	0
353	1965 & 1967 Bldg.	20	XRF	5/15/97	1	Room	1370	Ceiling		Solid	Concrte	0
354	1965 & 1967 Bldg.	182	XRF	5/14/97	1	Room	1520	Cabinet	Door	Solid	Wood	0
355	1965 & 1967 Bldg.	183	XRF	5/14/97	1	Room	1520	Wall	Midle Wall	Solid	Concrte	0
356	1965 & 1967 Bldg.	184	XRF	5/14/97	1	Room	1520	Wall	Wall Rgstr	Solid	Metal	0.05
357	1965 & 1967 Bldg.	185	XRF	5/14/97	1	Room	1520	Window	Casing	Solid	Metal	0.13
358	1965 & 1967 Bldg.	186	XRF	5/14/97	1	Room	1520	Wall	Midle Wall	Solid	Metal	0
359	1965 & 1967 Bldg.	187	XRF	5/14/97	1	Room	1520	Door	Door	Solid	Wood	0
360	1965 & 1967 Bldg.	188	XRF	5/14/97	1	Room	1520	Door	Casing	Solid	Metal	0
361	1965 & 1967 Bldg.	189	XRF	5/14/97	1	Room	1520	Wall	Midle Wall	Solid	Drywall	0

**APPENDIX B**

**LABORATORY SAMPLE ANALYSIS DATA**

**LABORATORY ANALYSIS REPORT**

**DATE:** July 24, 1997 **PAGE:** 1 Of 1

**CLIENT:** Midwest Environmental Cons. **PROJECT NO.:** 061197-200888  
5385 401st Ave. NW **COLLECTION DATE:** 5/15/97  
Dalbo, MN 55017 **COLLECTED BY:** Client  
**RECEIVED DATE:** 6/11/97  
**PROJECT DESCRP.:** 62/0197AE

**CONTACT:** Richard Cox

<u>ANALYSIS</u>	<u>UNITS</u>	<u>MDL</u>	<u>RESULT</u>	<u>ANALYSIS DATE</u>
Lead (6010A)	mg/kg	28	330	7/24/97
<u>ANALYSIS</u>	<u>UNITS</u>	<u>MDL</u>	<u>RESULT</u>	<u>ANALYSIS DATE</u>
Lead (6010A)	mg/kg	43	2100	7/24/97
<u>ANALYSIS</u>	<u>UNITS</u>	<u>MDL</u>	<u>RESULT</u>	<u>ANALYSIS DATE</u>
Lead (6010A)	mg/kg	29	2000	7/24/97

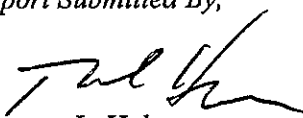
*ND means Not Detected or below reported MDL*

*MDL means Method Detection Limit*

*mg/kg means Milligrams Per Kilogram which is equivalent to Parts Per Million (ppm)*

*This report has been reviewed by me for technical accuracy and completeness. The analyses were performed using EPA or other approved methodologies and the results were reported on an "as received" basis unless otherwise noted. Organic soil analyses were reported on a dry weight basis. The results reported relate only to the items tested. Please contact me if you have any questions or comments regarding this report. Spectrum Labs, Inc. appreciates the opportunity to provide this analytical service for you.*

Report Submitted By,

  
Thomas L. Halverson  
Laboratory Manager

TLH:wmc  
mec205-1

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**APPENDIX C  
INSPECTORS**

**Bob Hargrove  
MDH Lead Inspector # 416**