

3636 N. 124th Street
Wauwatosa, WI 53222

LEAD CLEARANCE INSPECTION REPORT

Performed On: 08/21/2025 10:00 AM to 1:30 PM

For Site Located at: Hartford Avenue K-8 School, 2227 E. Hartford Ave. Milwaukee, WI 53211

Owner's Name: Milwaukee Public Schools



Inspection Performed By:

Pratap Singh, Ph.D., PE, Principal Engineer
DHS Certification #: LRA-239393

Inspection Supported By:

Abigail Scherwitz, Staff Engineer
DHS Certification #: 302066

DHS Lead Company:

K. Singh & Associates, Inc.
Certification Number: DHS-2473250
Ph: (262) 821-1171

Submitted to:

Mr. Brian Berner, MS
Environmental Health Inspector
Dept. of Facilities & Maintenance
Milwaukee Public Schools
1124 N. 11th Street
Milwaukee, WI 53233

September 10, 2025

Mr. Brian Berner
Milwaukee Public Schools
1124 N. 11th Street
Milwaukee, WI 53233

Project #40638

Subject: Lead Clearance Inspection Report for Milwaukee Public Schools, Hartford Avenue K-8 School, 2227 E. Hartford Ave, Milwaukee WI 53211

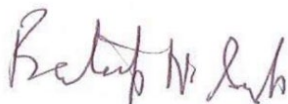
Dear Mr. Berner:

Enclosed please find the Lead Clearance Inspection Report which K. Singh & Associates has prepared for the referenced property.

We appreciate the opportunity to provide environmental services for the project. If we can be of further assistance in discussing this report with you, please contact us.

Sincerely,

K. SINGH & ASSOCIATES, INC.



Pratap N. Singh, Ph.D., PE
Principal Engineer



Abigail M. Scherwitz
Staff Engineer



Robert Reineke, PE
Senior Engineer

LEAD CLEARANCE INSPECTION REPORT

HARTFORD AVENUE K-8 SCHOOL
2227 E. HARTFORD AVE.
MILWAUKEE, WISCONSIN 53211

SEPTEMBER 10, 2025

PREPARED BY

K. SINGH & ASSOCIATES, INC.
ENGINEERS, SCIENTISTS, AND ENVIRONMENTAL CONSULTANTS
3636 N. 124TH STREET, SUITE 100
WAUWATOSA, WI 53222
(262) 821-1171
(262) 821-1174 FACSIMILE
WWW.KSINGHENGINEERING.COM

PREPARED FOR

MILWAUKEE PUBLIC SCHOOLS
ATTN: MR. BRIAN BERNER
1124 N. 11th STREET
MILWAUKEE, WI 53233

PROJECT #40638

This inspection was conducted by:

Pratap N. Singh, Ph.D., P.E.
Lead Risk Assessor Number: LRA-2473250
K. Singh & Associates, Inc.

I certify that I prepared this report, performed sampling, and that I am a certified Risk Assessor meeting the certification and training course requirements as set forth in Wisconsin Administrative Code chapter DHS 163.



Inspection supported by:

Abigail M. Scherwitz
Lead Inspector Number: 302066
K. Singh & Associates, Inc.

I certify that I prepared this report, performed sampling, and that I am a certified Lead Inspector meeting the certification and training course requirements as set forth in Wisconsin Administrative Code chapter DHS 163.



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EXECUTIVE SUMMARY

K. Singh & Associates, Inc. (KSingh), was retained by Milwaukee Public Schools (MPS) to conduct a lead-based clearance testing at Hartford Avenue K-8 School 2227 E. Hartford Ave., Milwaukee, Wisconsin 53211. As part of this inspection, KSingh performed a visual inspection and collected lead-based paint dust samples from interior components for laboratory analysis.

Lead Clearance Examination

Lead clearance examinations are conducted to verify that dust lead levels meet regulatory clearance standards following abatement activities. Abatement work at the school was completed by contractor Paul Davis prior to August 15, 2025. KSingh mobilized to the site on August 21, 2025, to perform the post-abatement clearance inspection at least 1 hour following cleaning. The inspection was performed on August 21, 2025, by Pratap Singh and Abigail Scherwitz to evaluate the interior components of the five-story building for compliance with applicable lead clearance criteria.

A visual inspection was conducted on all rooms that were sampled. No visible dust, debris, or paint chips were observed on floors or any horizontal surfaces within the work areas or adjacent areas.

In accordance with DHS 163 lead clearance protocols, sampling was conducted in designated interior areas following post-abatement cleanup. Sampling locations included all kindergarten and younger classrooms, dead-end corridors, corridor intersections, one boys' and one girls' bathroom per floor, and all rooms identified by the building engineer as special needs rooms. In the absence of K-5 or younger classrooms or special needs rooms on a given floor, four classrooms were randomly selected for dust wipe sampling. At least one dust sample was collected every 2,000 square feet of common area.

A total of 41 samples were collected and analyzed during the lead clearance examination. The inspection included floors and windowsills; however, window troughs were not accessible at the time of inspection. No porches were present, and no exterior work was performed. Of the 41 dust samples collected, 7 samples failed. Please note the following:

- All 7 of these samples were floor samples, results greater than or equal to the threshold of 10.0 $\mu\text{g}/\text{ft}^2$.
- Of the 7 samples, 5 were on the ground floor, 1 was on the first floor, and 1 was on the second floor.

SECTION I. INTRODUCTION

1.1 Purpose and Scope

K. Singh & Associates, Inc. (KSingh), was retained by Milwaukee Public Schools (MPS) to conduct a lead clearance examination at Hartford Avenue K-8 School at 2227 E. Hartford Ave., Milwaukee, Wisconsin 53211. As part of this inspection, KSingh performed a visual assessment and collected lead-based paint dust samples from interior components for laboratory analysis.

A layout of the building can be found in Figure 1. On August 21, 2025, a visual inspection was conducted for the following rooms:

- Room 12
- Room 10
- Room 18
- Room 14
- Room 100
- Room 03
- Room 09
- Room 05A
- Room 04
- Room 20
- Room 23
- Room 25
- Room 28
- Bathroom 227
- Bathroom 20b
- Bathroom 8F
- Bathroom 3A

No visible dust, debris, or paint chips were observed on floors or any horizontal surfaces within the work areas or adjacent areas. All painted surfaces not previously tested and confirmed to be lead-free were found to be in good condition at the time of this clearance examination. A minimum of one day elapsed before clearance testing commenced. The Visual Assessment (form 15.1) from the U.S. Department of Housing and Urban Development (HUD), can be found in Appendix A.

Dust wipe samples were collected following documented protocol and sampling methodologies found in Wisconsin Admin. Code ch. DHS 163 and Appendix 13.1. The field collection of settled dust samples using wipe sampling methods is used to determine the presence of lead dust hazards on floors and windowsills in a child-occupied structure. In Wisconsin, to pass clearance floors and windowsills must have laboratory sample results showing all sampled surfaces have amounts of lead dust less than 10 micrograms per square foot ($\mu\text{g}/\text{ft}^2$) on floors and 100 $\mu\text{g}/\text{ft}^2$ on windowsills.

1.2 Reliance

This report has been prepared for the use of our client, Milwaukee Public Schools. KSingh represents that within the limitation of the agreed upon scope of work, this work has been undertaken and performed in a professional manner, in accordance with generally accepted lead-based paint assessment practices, using the degree of skill and care ordinarily exercised by reputable consultants under similar circumstances, makes no other warranties, either expressed or implied.

SECTION II. LEAD CLEARANCE EXAMINATION

2.1 Safety Information

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29 CFR 1926.62 (7). This applies for demolition or salvage of structures where lead or materials containing lead are present, not just for lead-based paint (>0.06% Lead).

Workers must take necessary care to limit the amount of lead dust generated and follow OSHA safety requirements for lead exposure. The regulation requires, in certain circumstances:

- Use of respiratory protection and protective clothing,
- Hygiene areas,
- Engineering controls to control lead dust,
- Worker training

2.2 Inspection Methods

On August 21, 2025, a total of 41 dust wipe samples were collected and analyzed as part of the post-abatement clearance process.

All samples were analyzed by:

EMSL Analytical, Inc.
3410 Winnetka Avenue North
New Hope, MN 55427
763-449-4922
Accreditation ID: #101103

A visual inspection was conducted upon arrival and a visual inspection form is included in Appendix A. Laboratory analysis of dust wipe samples were completed by EMSL Analytical and are included in Appendix B.

2.3 Dust Analysis

All 41 dust wipe samples collected during the August 21, 2025, clearance inspection were analyzed by an accredited laboratory and reported in Table 1 within the applicable clearance thresholds of 10.0 $\mu\text{g}/\text{ft}^2$ for floors and 100.0 $\mu\text{g}/\text{ft}^2$ for windowsills; however, window troughs were not accessible at the time of inspection. Floor samples with results of exactly 10 $\mu\text{g}/\text{ft}^2$ were considered exceedances, as the DHS 163 guideline requires concentrations to be less than 10 $\mu\text{g}/\text{ft}^2$. Minor variations in results, such as 7.5 $\mu\text{g}/\text{ft}^2$ compared to 8.0 $\mu\text{g}/\text{ft}^2$, are expected and can be attributed to the standardized area size used for each wipe sample. These variations are typical and do not affect the overall findings, which confirm that all interior areas tested meet the regulatory requirements outlined in DHS 163 lead clearance protocols.

Hallways were addressed in accordance with the clearance requirement of at least one sample per 2,000 square feet of common-area floor space, with documentation of the specific sample locations available for verification. The samples that exceed standards are shown in Figures 2, 3, and 4 and are shown with yellow

highlight. Blue dots denote floor samples and orange dots denote windowsill samples.

2.4 Conclusions and Recommendation

Based on the results of laboratory analysis, seven lead hazards were identified throughout the building, and the property has failed the clearance testing. Three floor samples were in regular classrooms, three floor samples were in bathrooms, and one floor sample was found in a hallway corridor. The contractor was notified of their responsibility to re-clean all failed components and all like components in all unsampled rooms.

SECTION III. EXCLUSIONS AND LIMITATIONS

3.1 Excluded Inspection Locations

This report represents the condition of the building and its visible/accessible materials at the date and the times of the onsite inspection. Areas and materials that were hidden or not accessible are excluded, including areas within walls, exterior, and above ceilings. Unsampld areas may present potential for residual lead-based dust. Hidden materials or those materials that could not be accessed at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the demolition/renovation contractor.

3.2 Limitations of Investigation

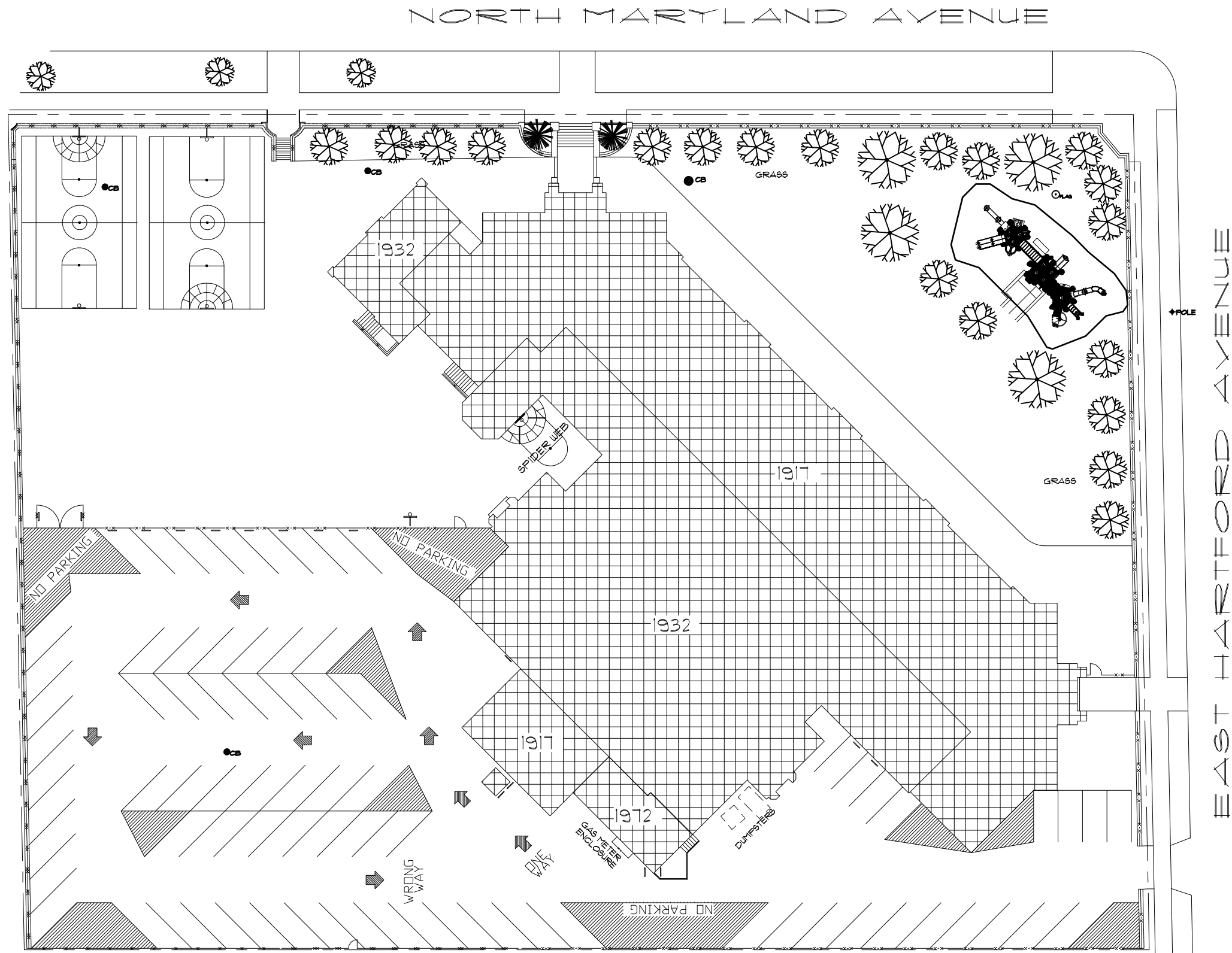
The care and skill given to our procedures ensures the most reliable test results possible. The findings and conclusions of KSingh represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the building inspection. No other warranty is expressed or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

This report and the information contained herein are prepared for the sole and exclusive use and possession of Milwaukee Public Schools and Wisconsin Department of Health Services. No other person or entity may rely on this report or any information contained herein without a reliance letter. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from K. Singh & Associates, Inc.

SECTION IV. REFERENCES

1. Chapter DHS 163: Certification for the Identification, Removal, and Reduction of Lead-Based Paint Hazards. Wisconsin Administrative Code, Department of Health Services (DHS). Register July 2025 No. 835.

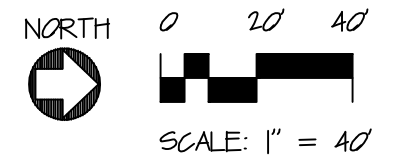
FIGURES




SITE PLAN

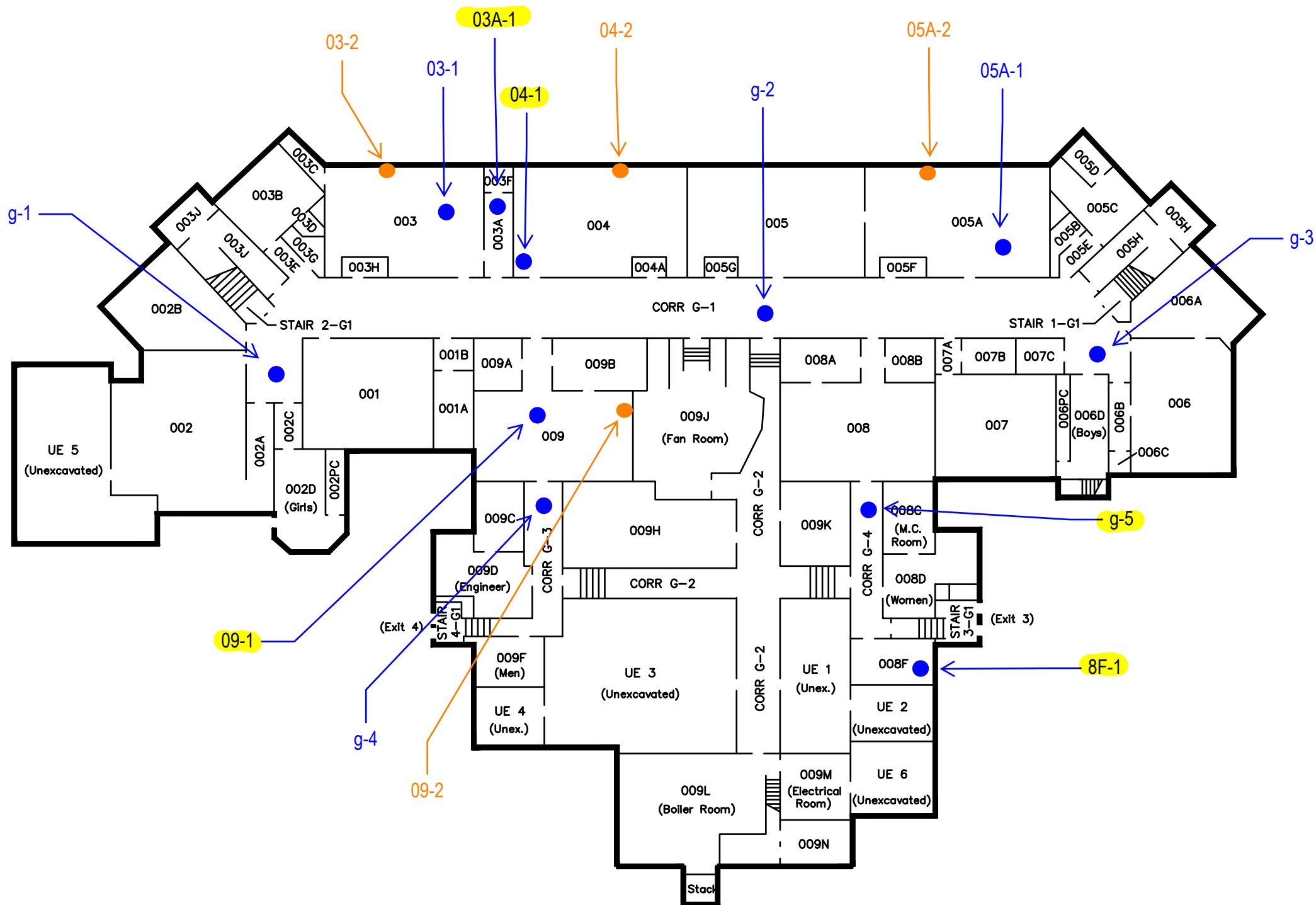
SITE NO. 208 - HARTFORD AVENUE K-8 SCHOOL
 2227 E. HARTFORD AVE., MILW., WI., 53211
 DATE: 12/14/09

Figure 1: General Site Plan




Milwaukee Public Schools
 Division of Facilities and Maintenance Services
 1124 North 11th Street
 P.O. BOX 0259
 Milwaukee, Wisconsin 53206-0259
 Phone : 414 265-4500
 Fax : 414 265-4662





Legend:

- Location of windowsill sample
- Location of floor sample
- Exceeds standards

NORTH 

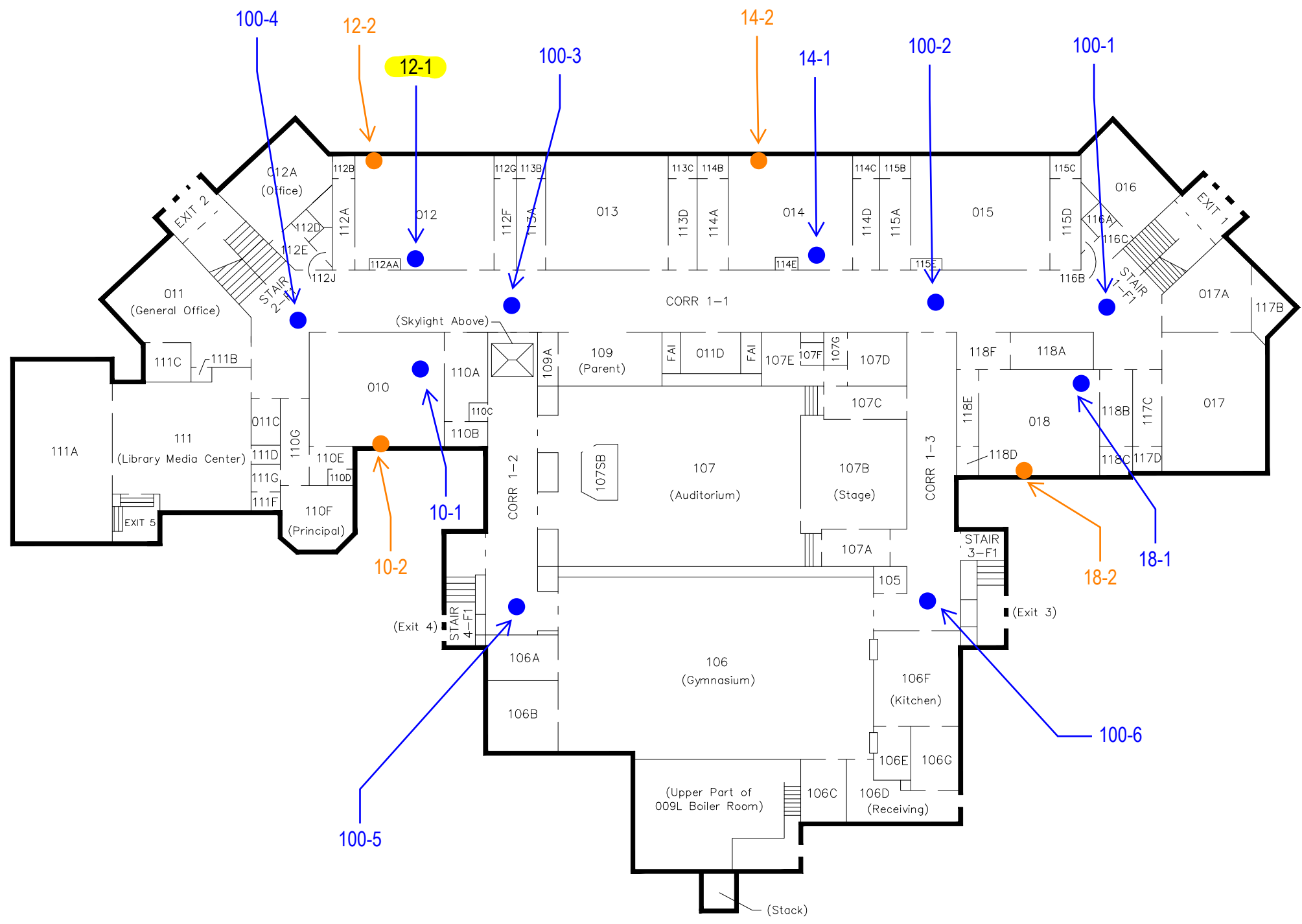
0 15' 30'

SCALE: 1" = 30'

GROUND FLOOR PLAN

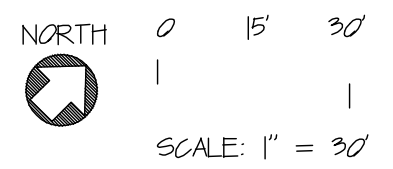
SITE NO. 208 - HARTFORD AVENUE K-8 SCHOOL
 2227 E. HARTFORD AVE., MILW., WI., 53211
 DATE: 8/22/08

Figure 2: Ground Floor Sample Locations



Legend:

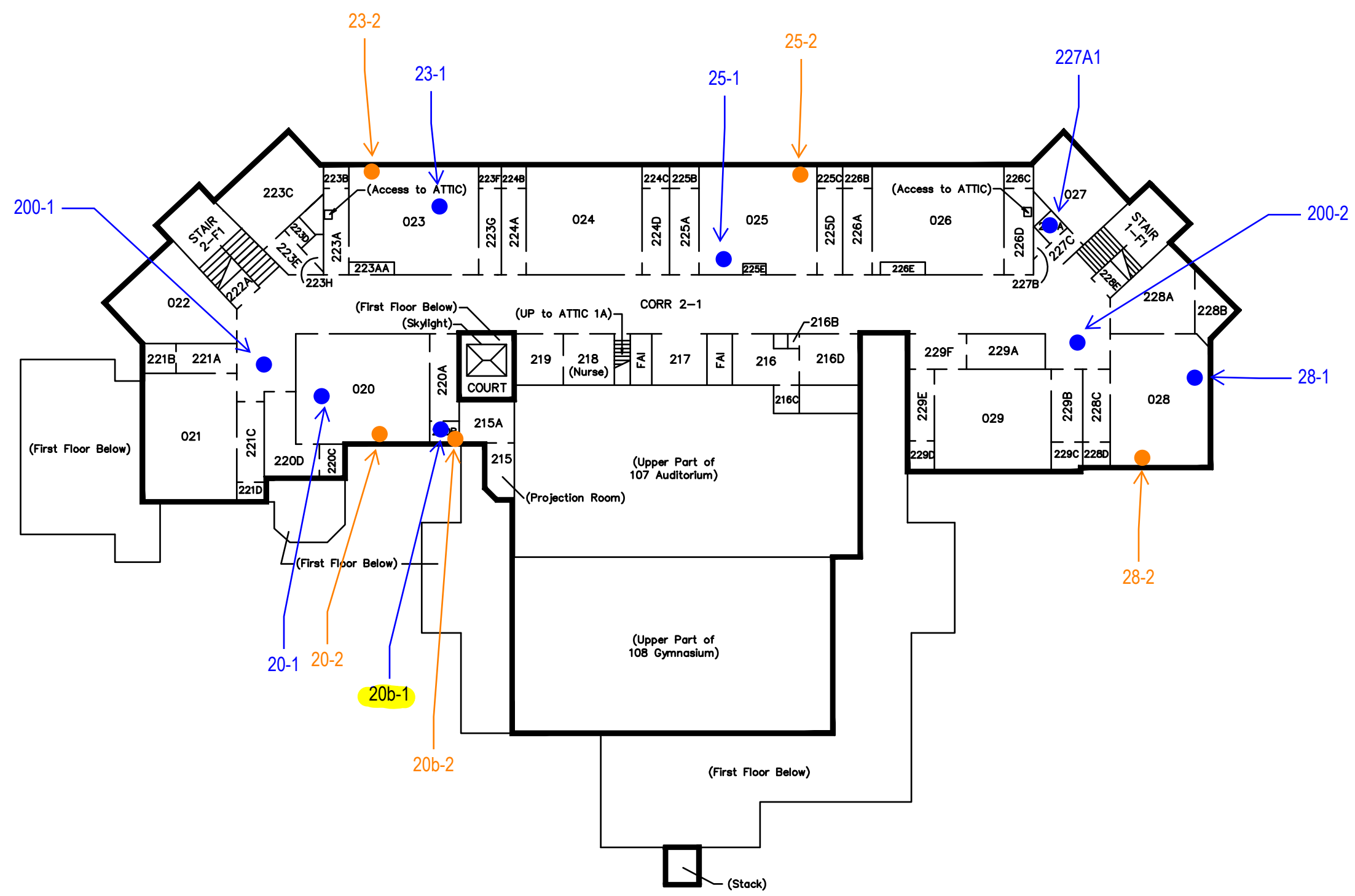
- Location of windowsill sample
- Location of floor sample
- Exceeds standards



FIRST FLOOR PLAN


SITE NO. 208 - HARTFORD AVENUE K-8 SCHOOL
 2227 E. HARTFORD AVE., MILW., WI., 53211
 DATE: 4/9/13

Figure 3: First Floor Sample Locations



Legend:

- Location of windowsill sample
- Location of floor sample
- Exceeds standards

NORTH 

0 15' 30'

SCALE: 1" = 30'

SECOND FLOOR PLAN

SITE NO. 208 - HARTFORD AVENUE K-8 SCHOOL
 2227 E. HARTFORD AVE., MILW., WI, 53211
 DATE: 8/22/08

Figure 4: Second Floor Sample Locations

TABLES

Table 1: Wipe Sampling Summary

Sample #	Room	Sample Location	Results	Standard	Area Sampled (in ²)	Pass / Fail
12-1	Room 12	Room 12, floor	12 µg/ft ²	10 µg/ft ²	144	Fail
12-2	Room 12	Room 12, sill	<8.0 µg/ft ²	100 µg/ft ²	144	Pass
10-1	Room 10	Room 10, floor	<8.0 µg/ft ²	10 µg/ft ²	144	Pass
10-2	Room 10	Room 10, sill	<8.0 µg/ft ²	100 µg/ft ²	144	Pass
18-1	Room 18	Room 18, floor	<8.0 µg/ft ²	10 µg/ft ²	144	Pass
18-2	Room 18	Room 18, sill	<8.0 µg/ft ²	100 µg/ft ²	144	Pass
14-1	Room 14	Room 14, floor	<8.0 µg/ft ²	10 µg/ft ²	144	Pass
14-2	Room 14	Room 14, sill	24 µg/ft ²	100 µg/ft ²	144	Pass
100-1	Hallway	Outside 1-F1, floor	<8.0 µg/ft ²	10 µg/ft ²	144	Pass
100-2	Hallway	Outside corr. 1-3	<8.0 µg/ft ²	10 µg/ft ²	144	Pass
100-3	Hallway	Outside corr. 1-2	<8.0 µg/ft ²	10 µg/ft ²	144	Pass
100-4	Hallway	Outside stair 2-F1	<8.0 µg/ft ²	10 µg/ft ²	144	Pass
100-5	Hallway	Corr. 1-2	<8.0 µg/ft ²	10 µg/ft ²	144	Pass
100-6	Hallway	Corr 1-3	<8.0 µg/ft ²	10 µg/ft ²	144	Pass
03-1	Room 3	Room 3, floor	<8.0 µg/ft ²	10 µg/ft ²	144	Pass
03-2	Room 3	Room 3, sill	8.6 µg/ft ²	100 µg/ft ²	144	Pass
09-1	Room 9	Room 9, floor	15 µg/ft ²	10 µg/ft ²	144	Fail
09-2	Room 9	Room 9, sill	20 µg/ft ²	100 µg/ft ²	153	Pass
05A-1	Room 5A	Room 5A, floor	<8.0 µg/ft ²	10 µg/ft ²	144	Pass
05A-2	Room 5A	Room 5A, sill	20 µg/ft ²	100 µg/ft ²	153	Pass
04-1	Room 04	Room 04, floor	10 µg/ft ²	10 µg/ft ²	144	Fail
04-2	Room 04	Room 04, sill	<7.5 µg/ft ²	100 µg/ft ²	153	Pass
g-1	Hallway	Outside stair 2-G1, floor	<8.0 µg/ft ²	10 µg/ft ²	144	Pass
g-2	Hallway	Corr G-1 intersection G-2, floor	<8.0 µg/ft ²	10 µg/ft ²	144	Pass
g-3	Hallway	Outside Stair 1-G1, floor	<8.0 µg/ft ²	10 µg/ft ²	144	Pass
g-4	Hallway	Corr G-3	9.1 µg/ft ²	10 µg/ft ²	144	Pass
g-5	Hallway	Corr G-4	14 µg/ft ²	10 µg/ft ²	144	Fail
8F-1	Bathroom 8F	Bathroom 8F, floor	10 µg/ft ²	10 µg/ft ²	144	Fail
03A-1	Bathroom 3A	Bathroom 3A, floor	210 µg/ft ²	10 µg/ft ²	144	Fail
20-1	Room 20	Room 20, floor	<8.0 µg/ft ²	10 µg/ft ²	144	Pass
20-2	Room 20	Room 20, sill	8.8 µg/ft ²	100 µg/ft ²	144	Pass
20b-1	Room 20b	Bathroom 20b, floor	16 µg/ft ²	10 µg/ft ²	144	Fail
20b-2	Room 20b	Bathroom 20b, sill	8.4 µg/ft ²	100 µg/ft ²	148.75	Pass
23-1	Room 23	Room 23, floor	<8.0 µg/ft ²	10 µg/ft ²	144	Pass
23-2	Room 23	Room 23, sill	20 µg/ft ²	100 µg/ft ²	144	Pass
200-1	Hallway	Outside room 22, floor	<8.0 µg/ft ²	10 µg/ft ²	144	Pass

Sample #	Room	Sample Location	Results	Standard	Area Sampled (in ²)	Pass / Fail
25-1	Room 25	Room 25, floor	<8.0 µg/ft ²	10 µg/ft ²	144	Pass
25-2	Room 25	Room 25, sill	31 µg/ft ²	100 µg/ft ²	153	Pass
28-1	Room 28	Room 28, floor	<8.0 µg/ft ²	10 µg/ft ²	144	Pass
200-2	Hallway	Outside room 28, floor	<8.0 µg/ft ²	100 µg/ft ²	144	Pass
227A1	Bathroom 227	Bathroom 227, floor	<8.0 µg/ft ²	10 µg/ft ²	144	Pass
28-2	Room 28	Room 28, sill	<7.5 µg/ft ²	100 µg/ft ²	153	Pass

Table 2: Failed Wipe Samples

Sample #	Room	Sample Location	Results	Standard	Area Sampled (in ²)	Pass / Fail
12-1	Room 12	Room 12, floor	12 µg/ft ²	10 µg/ft ²	144	Fail
09-1	Room 9	Room 9, floor	15 µg/ft ²	10 µg/ft ²	144	Fail
04-1	Room 04	Room 04, floor	10 µg/ft ²	10 µg/ft ²	144	Fail
g-5	Hallway	Corr G-4	14 µg/ft ²	10 µg/ft ²	144	Fail
8F-1	Bathroom 8F	Bathroom 8F, floor	10 µg/ft ²	10 µg/ft ²	144	Fail
03A-1	Bathroom 3A	Bathroom 3A, floor	210 µg/ft ²	10 µg/ft ²	144	Fail
20b-1	Room 20b	Bathroom 20b, floor	16 µg/ft ²	10 µg/ft ²	144	Fail

APPENDICES

APPENDIX A

Visual Assessment Results

**Form 15.1 Visual Assessment –
Lead Hazard Clearance Examination.**

Property address: 2227 E. Hartford Ave. Page 1 of 1

Name of client: MPS

Name of clearance examiner: Pratap Singh Certification No.: LRA-239393 date: _____

Date of visual assessment: 8 / 21 / 25 Repeat visual assessment? Yes No

This form covers: Dwelling units. (Specify which units) _____

Common areas. (Specify which areas) Rm 10, 12, 18, 14, 100, 03, 09,

Exterior areas/outbuildings. (Specify) 05A, 04, 20, 23, 25, 28
bathroom 227, 206, 8E, 3A

Any deteriorated paint, visible dust, paint chips, or paint-related debris observed? Yes No

If "Yes," record observations in the table below:

Room, Area, or Side of Building (if exterior)	Building Component, or Other Surface (such as ground or vegetation)	Additional Notes on Specific Location	Description of Problem (i.e., deteriorated paint, visible dust, paint chips, or paint-related debris)

Notes (include any explanations by the client of why deteriorated paint has not been repaired; also include any instructions to client regarding further cleaning):

Signature of clearance examiner: Pratap Singh

APPENDIX B

Lead Laboratory Reports and Chain of Custody



EMSL Analytical, Inc.

3410 Winnetka Avenue North, New Hope, MN 55427

Phone/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com>

minneapolislab@emsl.com

EMSL Order: 352508783

CustomerID: KSNG42

CustomerPO: 40638

ProjectID:

Attn: **Pratap Singh**
K. Singh & Associates
3636 N. 124th Street
Wauwatosa, WI 53222

Phone: (262) 821-1171
Fax:
Received: 8/22/2025 10:20 AM
Collected: 8/21/2025

Project: **MPS Lead Stabilization Project - Hartford University School**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	Collected	Analyzed	Area Sampled	RDL	Lead Concentration
12-1 352508783-0001	8/21/2025 Site: Room 12, floor	8/22/2025	144 in ²	8.0 µg/ft ²	12 µg/ft ²
12-2 352508783-0002	8/21/2025 Site: Room 12, sill	8/22/2025	144 in ²	8.0 µg/ft ²	<8.0 µg/ft ²
10-1 352508783-0003	8/21/2025 Site: Room 10, floor	8/22/2025	144 in ²	8.0 µg/ft ²	<8.0 µg/ft ²
10-2 352508783-0004	8/21/2025 Site: Room 10, sill	8/22/2025	144 in ²	8.0 µg/ft ²	<8.0 µg/ft ²
18-1 352508783-0005	8/21/2025 Site: Room 18, floor	8/22/2025	144 in ²	8.0 µg/ft ²	<8.0 µg/ft ²
18-2 352508783-0006	8/21/2025 Site: Room 18, sill	8/22/2025	144 in ²	8.0 µg/ft ²	<8.0 µg/ft ²
14-1 352508783-0007	8/21/2025 Site: Room 12, floor	8/22/2025	144 in ²	8.0 µg/ft ²	<8.0 µg/ft ²
14-2 352508783-0008	8/21/2025 Site: Room 14, sill	8/22/2025	144 in ²	8.0 µg/ft ²	24 µg/ft ²
100-1 352508783-0009	8/21/2025 Site: Outside 1-F1, floor	8/22/2025	144 in ²	8.0 µg/ft ²	<8.0 µg/ft ²
100-2 352508783-0010	8/21/2025 Site: Outside corr. 1-3	8/22/2025	144 in ²	8.0 µg/ft ²	<8.0 µg/ft ²
100-3 352508783-0011	8/21/2025 Site: Outside corr. 1-2	8/22/2025	144 in ²	8.0 µg/ft ²	<8.0 µg/ft ²

Rachel Travis, Laboratory Manager
or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. * Analysis following Lead in Dust by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 8 ug/wipe. Ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. The lab is not responsible for data reported in ug/ft2 which is dependent upon the area provided by non-lab personnel. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. Definitions of modifications are available upon request. Samples analyzed by EMSL Analytical, Inc. New Hope, MN AIHA LAP, LLC-ELLAP Accredited #101103

Initial report from 08/22/2025 14:47:22



EMSL Analytical, Inc.

3410 Winnetka Avenue North, New Hope, MN 55427

Phone/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com>

minneapolislab@emsl.com

EMSL Order: 352508783

CustomerID: KNSG42

CustomerPO: 40638

ProjectID:

Attn: **Pratap Singh**
K. Singh & Associates
3636 N. 124th Street
Wauwatosa, WI 53222

Phone: (262) 821-1171
Fax:
Received: 8/22/2025 10:20 AM
Collected: 8/21/2025

Project: **MPS Lead Stabilization Project - Hartford University School**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	Collected	Analyzed	Area Sampled	RDL	Lead Concentration
100-4 352508783-0012	8/21/2025 Site: Outside stair 2-FI	8/22/2025	144 in ²	8.0 µg/ft ²	<8.0 µg/ft ²
100-5 352508783-0013	8/21/2025 Site: Corr. 1-2	8/22/2025	144 in ²	8.0 µg/ft ²	<8.0 µg/ft ²
100-6 352508783-0014	8/21/2025 Site: Corr. 1-3	8/22/2025	144 in ²	8.0 µg/ft ²	<8.0 µg/ft ²
03-1 352508783-0015	8/21/2025 Site: Room 3, floor	8/22/2025	144 in ²	8.0 µg/ft ²	<8.0 µg/ft ²
03-2 352508783-0016	8/21/2025 Site: Room 3, sill	8/22/2025	144 in ²	8.0 µg/ft ²	8.6 µg/ft ²
09-1 352508783-0017	8/21/2025 Site: Room 9, floor	8/22/2025	144 in ²	8.0 µg/ft ²	15 µg/ft ²
09-2 352508783-0018	8/21/2025 Site: Room 9, sill	8/22/2025	153 in ²	7.5 µg/ft ²	20 µg/ft ²
05A-1 352508783-0019	8/21/2025 Site: Room 5A, floor	8/22/2025	144 in ²	8.0 µg/ft ²	<8.0 µg/ft ²
05A-2 352508783-0020	8/21/2025 Site: Room 5A, sill	8/22/2025	153 in ²	7.5 µg/ft ²	20 µg/ft ²
04-1 352508783-0021	8/21/2025 Site: Room 04, floor	8/22/2025	144 in ²	8.0 µg/ft ²	10 µg/ft ²
04-2 352508783-0022	8/21/2025 Site: Room 04, sill	8/22/2025	153 in ²	7.5 µg/ft ²	<7.5 µg/ft ²

Rachel Travis, Laboratory Manager
or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. * Analysis following Lead in Dust by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 8 ug/wipe. Ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. The lab is not responsible for data reported in ug/ft2 which is dependent upon the area provided by non-lab personnel. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. Definitions of modifications are available upon request. Samples analyzed by EMSL Analytical, Inc. New Hope, MN AIHA LAP, LLC-ELLAP Accredited #101103

Initial report from 08/22/2025 14:47:22



EMSL Analytical, Inc.

3410 Winnetka Avenue North, New Hope, MN 55427

Phone/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com>

minneapolislab@emsl.com

EMSL Order: 352508783

CustomerID: KSNQ42

CustomerPO: 40638

ProjectID:

Attn: **Pratap Singh**
K. Singh & Associates
3636 N. 124th Street
Wauwatosa, WI 53222

Phone: (262) 821-1171
Fax:
Received: 8/22/2025 10:20 AM
Collected: 8/21/2025

Project: **MPS Lead Stabilization Project - Hartford University School**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	Collected	Analyzed	Area Sampled	RDL	Lead Concentration
g-1 352508783-0023	8/21/2025 Site: hallway 2-GI	8/22/2025	144 in ²	8.0 µg/ft ²	<8.0 µg/ft ²
g-2 352508783-0024	8/21/2025 Site: hallway	8/22/2025	144 in ²	8.0 µg/ft ²	<8.0 µg/ft ²
g-3 352508783-0025	8/21/2025 Site: hallway	8/22/2025	144 in ²	8.0 µg/ft ²	<8.0 µg/ft ²
g-4 352508783-0026	8/21/2025 Site: hallway	8/22/2025	144 in ²	8.0 µg/ft ²	9.1 µg/ft ²
g-5 352508783-0027	8/21/2025 Site: hallway	8/22/2025	144 in ²	8.0 µg/ft ²	14 µg/ft ²
8F-1 352508783-0028	8/21/2025 Site: Bathroom 8F, floor	8/22/2025	144 in ²	8.0 µg/ft ²	10 µg/ft ²
03A-1 352508783-0029	8/21/2025 Site: Bathroom 3A, floor	8/22/2025	144 in ²	8.0 µg/ft ²	210 µg/ft ²
20-1 352508783-0030	8/21/2025 Site: Room 20, floor	8/22/2025	144 in ²	8.0 µg/ft ²	<8.0 µg/ft ²
20-2 352508783-0031	8/21/2025 Site: Room 20, sill	8/22/2025	144 in ²	8.0 µg/ft ²	8.8 µg/ft ²
20b-1 352508783-0032	8/21/2025 Site: Bathroom 20b, floor	8/22/2025	144 in ²	8.0 µg/ft ²	16 µg/ft ²
20b-2 352508783-0033	8/21/2025 Site: Bathroom 20b, sill	8/22/2025	148.75 in ²	7.7 µg/ft ²	8.4 µg/ft ²

Rachel Travis, Laboratory Manager
or other approved signatory

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EMSL Order: 352508783

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3636 N. 124th Street
Wauwatosa, WI 53222

Phone: (262) 821-1171
Fax:
Received: 8/22/2025 10:20 AM
Collected: 8/21/2025

Project: **MPS Lead Stabilization Project - Hartford University School**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	Collected	Analyzed	Area Sampled	RDL	Lead Concentration
23-1 352508783-0034	8/21/2025 Site: Room 23, floor	8/22/2025	144 in ²	8.0 µg/ft ²	<8.0 µg/ft ²
23-2 352508783-0035	8/21/2025 Site: Room 23, sill	8/22/2025	144 in ²	8.0 µg/ft ²	20 µg/ft ²
200-1 352508783-0036	8/21/2025 Site: Outside room 22	8/22/2025	144 in ²	8.0 µg/ft ²	<8.0 µg/ft ²
25-1 352508783-0037	8/21/2025 Site: Room 25, floor	8/22/2025	144 in ²	8.0 µg/ft ²	<8.0 µg/ft ²
25-2 352508783-0038	8/21/2025 Site: Room 25, sill	8/22/2025	153 in ²	7.5 µg/ft ²	31 µg/ft ²
28-1 352508783-0039	8/21/2025 Site: Room 28, floor	8/22/2025	144 in ²	8.0 µg/ft ²	<8.0 µg/ft ²
200-2 352508783-0040	8/21/2025 Site: Outside room 28	8/22/2025	144 in ²	8.0 µg/ft ²	<8.0 µg/ft ²
227A1 352508783-0041	8/21/2025 Site: Bathroom 227	8/22/2025	144 in ²	8.0 µg/ft ²	<8.0 µg/ft ²
28-2 352508783-0042	8/21/2025 Site: Room 28, sill	8/22/2025	153 in ²	7.5 µg/ft ²	<7.5 µg/ft ²

Rachel Travis, Laboratory Manager
or other approved signatory

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Initial report from 08/22/2025 14:47:22



Lead Chain of Custody

EMSL Order Number / Lab Use Only

3410 Winnetka Avenue North
New Hope, MN, 55427

352508783

PHONE: (763) 449-4922

EMAIL: minneapolislab@emsl.com

EMSL ANALYTICAL, INC.
TESTING LABS - PRODUCTS - TRAINING

Customer Information	Customer ID: Jabels	Billing Information	Billing ID: 40638	
	Company Name: K Singh & Associates, Inc.		Company Name: K. Singh & Associates, Inc.	
	Contact Name: Pratap Singh		Billing Contact: Pratap Singh	
	Street Address: 3636 N. 124th Street		Street Address: 3636 N. 124th Street	
	City, State, Zip: Wauwatosa, WI, 53222		City, State, Zip: Wauwatosa, WI, 53222	Country: USA
	Phone: 262-821-1171		Phone: 262-821-1171	
Email(s) for Report: psingh@ksinghengineering.com & ascherwitz@ksinghengineering.com		Email(s) for Invoice: ap@ksinghengineering.com		

Project Information

Project Name/No: **MPS Lead Stabilization Project- Hartford University School** Purchase Order: **40638**

EMSL LIMS Project ID: (If applicable, EMSL will provide) US State where samples collected: Connecticut (CT) must select project location: Commercial (Taxable) Residential (Non-Taxable)

Sampled By Name: **Abby Scherwitz** Sampled By Signature: *A. M. Scherwitz* No. of Samples in Shipment: **42**

Turn-Around-Time (TAT)

3 Hour 6 Hour 24 Hour 32 Hour 48 Hour 72 Hour 96 Hour 1 Week 2 Week

Please call ahead for large projects and/or turnaround times 6 Hours or Less *32 Hour TAT available for select tests only; samples must be submitted by 11.30am.

MATRIX	METHOD	INSTRUMENT	REPORTING LIMIT	SELECTION
CHIPS* <input type="checkbox"/> % by wt. <input type="checkbox"/> ppm (mg/kg) <input type="checkbox"/> mg/cm ² <small>*Chips reporting limit based on a minimum 0.25g sample weight. Not appropriate for Ceramic Tiles - XRF is recommended.</small>	SW 846-7000B	Flame Atomic Absorption	-0.008% -80 ppm -mg/cm ² - RL is Variable	<input type="checkbox"/>
	SW 846-6010D*	ICP-OES	-0.0004% -40 ppm -mg/cm ² - RL is Variable	<input type="checkbox"/>
AIR	NIOSH 7082	Flame Atomic Absorption	4µg/filter	<input type="checkbox"/>
	NIOSH 7303M	ICP-OES	1.0µg/filter	<input type="checkbox"/>
	NIOSH 7303M	ICP-MS	0.05µg/filter	<input type="checkbox"/>
WIPE <input checked="" type="checkbox"/> ASTM <input type="checkbox"/> NON-ASTM <small>*If no box is checked, non-ASTM Wipe is assumed</small>	SW 846-7000B	Flame Atomic Absorption	10µg/wipe	<input checked="" type="checkbox"/>
	SW 846-6010D*	ICP-OES	1.0µg/wipe	<input type="checkbox"/>
TCLP	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
SPLP	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
TTLC	22 CCR App. II, 7000B	Flame Atomic Absorption	40mg/kg (ppm)	<input type="checkbox"/>
	22 CCR App. II, SW 846-6010D*	ICP-OES	2mg/kg (ppm)	<input type="checkbox"/>
STLC	22 CCR App. II, 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)	<input type="checkbox"/>
	SW 846-6010D*	ICP-OES	2mg/kg (ppm)	<input type="checkbox"/>
Wastewater	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
Unpreserved <input type="checkbox"/> PH<2	EPA 200 7	ICP-OES	0.020 mg/L (ppm)	<input type="checkbox"/>
Preserved with HNO3 <input type="checkbox"/> PH<2	EPA 200 5	ICP-OES	0.003 mg/L (ppm)	<input type="checkbox"/>
Drinking Water	EPA 200 8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
Unpreserved <input type="checkbox"/> PH<2				<input type="checkbox"/>
Preserved with HNO3 <input type="checkbox"/> PH<2				<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>

Sample Number	Sample Location	Volume / Area inches	Date / Time Sampled
12-1	Room 12, floor	12 x 12 (inches)	8/21/25- 10 am
12-2	Room 12, sill	4 x 36	8/21/25- 10:10 am
10-1	Room 10, floor	12 x 12	8/21/25- 10:14 am
10-2	Room 10, sill	4 x 36	8/21/25- 10:17 am
18-1	Room 18, floor	12 x 12	8/21/25- 10:31am

Method of Shipment: _____ Sample Condition Upon Receipt: _____

Relinquished by: **Abby Scherwitz** Date/Time: **8/21 5:30 pm** Received by: *[Signature]* Date/Time: **8/22/25 10:20am**

Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: _____

Controlled Document COC-25 Lead R19 08/19/2024

*6010C Available Upon Request

AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.



Lead Chain of Custody

EMSL Order Number / Lab Use Only

EMSL Analytical, Inc.
3410 Winnetka Avenue North
New Hope, MN, 55427

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

8783

PHONE (763) 449-4922

EMAIL: minneapolislab@emsl.com

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
18-2	Room 18, sill	4 x 36	8/21/25 10:33am
14-1	Room 12, floor	12 x 12	8/21/25 10:23am
14-2	Room 14, sill	4 x 36	8/21/25 10:26am
100-1	Outside 1-F1, floor	12 x 12	8/21/25 10:37am
100-2	Outside corr. 1-3	12 x 12	8/21/25 10:41am
100-3	Outside corr. 1-2	12 x 12	8/21/25 10:49am
100-4	Outside stair 2-F1	12 x 12	8/21/25 10:52am
100-5	Corr. 1-2	12 x 12	8/21/25 10:55am
100-6	Corr. 1-3	12 x 12	8/21/25 11am
03-1	Room 3, floor	12 x 12	8/21/25 11:43am
03-2	Room 3, sill	4 x 36	8/21/25 11:43am
09-1	Room 9, floor	12 x 12	8/21/25 11:47 am
09-2	Room 9, sill	4.25 x 36	8/21/25 11:52am
05A-1	Room 05A, floor	12 x 12	8/21/25 12pm
05A-2	Room 05A, sill	4.25 x 36	8/21/25 12:03pm
04-1	Room 04, floor	12 x 12	8/21/25 12:10pm
04-2	Room 04, sill	4.25 x 36	8/21/25 12:10pm
g-1	hallway 2-G1	12 x 12	8/21/25 12:19pm
g-2	hallway	12 x 12	8/21/25 12:25pm
g-3	hallway	12 x 12	8/21/25 12:30pm
g-4	hallway	12 x 12	8/21/25 12:33pm
g-5	hallway	12 x 12	8/21/25 12:37pm
8F-1	Bathroom 8F, floor	12 x 12	8/21/25 12:45pm
03A-1	Bathroom 3A, floor	12 x 12	8/21/25 12:50pm
20-1	Room 20, floor	12 x 12	8/21/25 1:06pm

Method of Shipment:		Sample Condition Upon Receipt	
Relinquished by Abby Scherwitz	Date/Time: 8/21 5:30 pm	Received by:	Date/Time
Relinquished by	Date/Time:	Received by:	Date/Time

Controlled Document COC-25 Lead R19 08/19/2024

AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

