

Additional Inspection Report

Site:

Wiley Elementary School
1602 S. Anderson Street
Urbana, IL 61801

Local Education Agency:

Urbana S.D. 116
205 N. Race Street
Urbana, IL 61802

Date:

2/4/2004

Ideal Number:

6752



TABLE OF CONTENTS

SECTION A	General Information Page Narration List of Sampled or Assumed Suspect Asbestos Materials*
SECTION B	Accreditations: Inspector Management Planner** Laboratory**
SECTION C	New Homogeneous Area Reports 1. Asbestos Containing Areas 2. Non-Asbestos Containing Areas
SECTION D	Hazard Assessment & Response Action Form**
SECTION E	Amendments**
SECTION F	Sample Custody & Analysis Report**
SECTION G	Miscellaneous**

*If Available

**If Applicable



SECTION A

General Information Page

The information provided below applies to the school building listed at the time of the inspection.

School Building: Wiley Elementary School
1602 S. Anderson Street
Urbana, IL 61801
Champaign County

Phone: 217-384-3670

School ID#: 09-010-1160-22-2013

Total Square Feet: 43,200

Associated Outbuildings:

Additional Inspection Date: 2/4/2004

IDEAL Number: 6752

Inspector: Pete Altieri

Inspector ID#: 100-06641

State of Accreditation: IL

Management Planner: N/A

Management Planner ID#:

State of Accreditation:

Local Education Agency: Urbana S.D. 116
205 N. Race Street
Urbana, IL 61802
Champaign County

Contact: Mr. Ota Dossett, Director of Facilities

Phone: 217-384-3636

Asbestos Designated Person: Ronald L. Curry
2904 Tractor Lane
Bloomington, IL 61704

Phone: 309-828-4259



Narration

On February 4, 2004, EPA/AHERA accredited, IDPH licensed inspector Pete Altieri inspected Wiley Elementary School in Urbana, Illinois. The purpose of the inspection was to identify and sample suspect asbestos 12x12 floor tile mastic in the south hallway restrooms prior to planned removal. This inspection was performed to help stay in compliance with the AHERA rules and regulations governing asbestos in schools.

This inspection/sampling event was limited to the planned removal area listed above only. The material may exist in other parts of the school. If this material is found elsewhere, this inspection report should be reviewed prior to disturbance of the material in order to determine if additional sampling of the material is necessary or if it has been satisfactorily sampled during this sampling event.

Asbestos Inspection Summary

One (1) homogeneous areas was identified. Three (3) samples were collected.

According to laboratory results, asbestos was detected in the following areas:

<u>Area ID</u>	<u>Sample Area Description</u>	<u>Asbestos Type/Content</u>	<u>Friable*</u>	<u>Area Est.</u>
3CCD	12x12 Floor Tile Mastic	4% Chrysotile	No	572 sq ft

*The inspector's inferences for friability may differ from that of another inspector.

Samples of friable materials are collected using the Random Sampling Method. All samples are analyzed by Polarized Light Microscopy, EPA Method 600/R-93/116, unless otherwise noted in this report. All floor tile and mastics found to be non-ACM by PLM analysis should be analyzed by Transmission Electron Microscopy (TEM) methods to confirm negative results.

All other suspect materials not found in the original survey, any additional management plan supplement reports or this management plan supplement, should be assumed as Asbestos Containing Material (ACM) until sampled and proven otherwise such as; gaskets, packing, built-up roof field, etc...

In an effort to maintain compliance, the management plan supplement identifies and documents the above sample areas as asbestos containing or non-asbestos containing, as applicable. Lab results and area descriptions are included as a part of this report. Please retain this Asbestos Management Plan Supplement with your entire asbestos program documentation.

If you have any questions or comments, please feel free to contact Ideal Environmental Engineering, Inc. at 309-828-4259 or 1-800-535-0964.

Pete Altieri
100-06641





Wiley Elementary School
 School ID#: 09-010-1160-22-2013
 Inspection Date: 2/4/2004

List of Sampled or Assumed Suspect Asbestos Materials

List of materials sampled or assumed to contain asbestos during this inspection — Page 1 of 1

Area ID	Area Description	Area Location	Asbestos Containing	Sampled & Type of Analysis or Assumed	Material Type	Damage Condition	Friable	Response Action #	Comments
3CCD	12x12 Floor Tile Mastic	South Hallway Restrooms	Yes	Sampled PLM	M	ND	No	N/A	Sampled 2/4/2004.

Material Type:
 M=Miscellaneous S=Surfacing T=Thermal

Damage Condition:
 ND=Not Damaged D=Damaged SD=Significantly Damaged

PLM = Polarized Light Microscopy
 TEM = Transmission Electron Microscopy

N/A = Not Applicable

SECTION B



Department of Public Health

LICENSE, PERMIT, CERTIFICATION, REGISTRATION

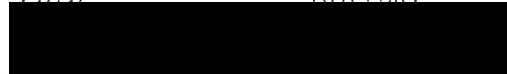
The person, firm or corporation whose name appears on this certificate has complied with the provisions of the Illinois Statutes and/or rules and regulations and is hereby authorized to engage in the activity as indicated below.

JOHN R. LUMPKIN, M.D.
DIRECTOR

Issued under the authority of
The State of Illinois
Department of Public Health

Table with 3 columns: EXPIRATION DATE (05/15/2004), CATEGORY (5319), I.D. NUMBER (100-06641). Below the table, text reads: PETE SUPERVISOR/WORKER INSPECTOR, ALTIERI PROJECT MANAGER.

BUSINESS ADDRESS
ASBESTOS PROFESSIONAL LICENSE
ALTERING THIS CERTIFICATE MAY RESULT IN LEGAL ACTION
PETE ALTIERI



THIS LICENSE IS NOT VALID IF YOUR IDPH
COURSE CERTIFICATE IS NOT CURRENT



Safety Support Services, Incorporated

Environmental and Occupational Safety & Health Consultants

1410 S. Jefferson Avenue
St. Louis, Missouri 63104
Phone: (314) 773-4747

Does hereby certify that

Pete Altieri

P.O. Box 4324, Bloomington, IL, 61702

*has successfully completed and passed the course examination
with a minimum score of 70 percent for re-accreditation
under AHERA (TSCA Title II)*

Asbestos Building Inspector Refresher

Class Date: September 5, 2003
Examination Date: 09/05/2003
Certificate Number: SSS20030905-0782ABIR
Certificate Expiration: 09/05/2004
Student SSN: 043-72-2769

A handwritten signature in black ink, appearing to read 'D. Mueller', written over a horizontal line.

Douglas L. Mueller, MS, CSP
Certified Safety Professional
OSHA Authorized Instructor



United States Department of Commerce
National Institute of Standards and Technology

NVLAP[®]



ISO/IEC 17025:1999
ISO 9002:1994

Certificate of Accreditation

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.
RICHMOND, VA

*is recognized by the National Voluntary Laboratory Accreditation Program
for satisfactory compliance with criteria set forth in NIST Handbook 150:2001,
all requirements of ISO/IEC 17025:1999, and relevant requirements of ISO 9002:1994.
Accreditation is awarded for specific services, listed on the Scope of Accreditation, for:*

BULK ASBESTOS FIBER ANALYSIS

December 31, 2004

Effective through

A handwritten signature in black ink, appearing to read "J. P. Walsh".

For the National Institute of Standards and Technology
NVLAP Lab Code: 101882-0

SECTION C

**ASBESTOS
CONTAINING
AREAS**

INSPECTION REPORT

SCHOOL NAME: **Wiley Elementary School**
 ID NUMBER: **09-010-1160-22-2013**

PAGE 1 OF 2
 SAMPLE AREA ID: **3CCD**

SCHOOL NAME:	Wiley Elementary School	INSPECTION DATE:	02/04/04
CATEGORY:	Miscellaneous-ACM	SAMPLE NUMBERS:	3CCD-1,2,3
SAMPLE AREA ID:	3CCD		
SAMPLE AREA NAME:	Mastic		
SAMPLE AREA DESCRIPTION:	12x12 Floor Tile Mastic		
BUILDING:	Wiley Elementary School	AREA ESTIMATE:	572 sq. ft.
AREA LOCATION:	South Hallway Restrooms		

VIBRATION:	-High	-Moderate	<input checked="" type="checkbox"/> -Low	-None
FRIABILITY:	-High	-Moderate	-Low	<input checked="" type="checkbox"/> -None
DETERIORATION:	-High	-Moderate	-Low	<input checked="" type="checkbox"/> -None
WATER DAMAGE:	-Yes	<input checked="" type="checkbox"/> -No		
PIPING:	Diameter:	Not Applicable		
PHYSICAL DAMAGE:	-High	-Moderate	-Low	<input checked="" type="checkbox"/> -None
	-Localized	-Distributed		-%
TYPE OF WALL:	-Smooth Concrete	<input checked="" type="checkbox"/> -Masonry	-Gypsum	-Textured Concrete
	-Other:			
TYPE OF FLOOR:	<input checked="" type="checkbox"/> -Tile	<input checked="" type="checkbox"/> -Concrete	-Wood	-Carpet
	-Other:			
TYPE OF CEILING:	<input checked="" type="checkbox"/> -Acoustic Tile	-Exposed Structure	-Textured Plaster	
	-Other:			
ACCESSIBILITY:	Height of Material From Floor: 0"			
EXISTENCE OF BARRIERS:	-Suspended Ceiling	-Encapsulated	-None	
	<input checked="" type="checkbox"/> -Other:	Floor Tile		
PROXIMITY TO				
ITEMS REQUIRING	<input checked="" type="checkbox"/> -Vent	<input checked="" type="checkbox"/> -Plumbing	<input checked="" type="checkbox"/> -Electrical	-None
MAINTENANCE:	-Other:			
DISTANCE:	-0'-5'	<input checked="" type="checkbox"/> -0'-10'	-5'-10'	-Over 10'



INSPECTION REPORT

SCHOOL NAME: **Wiley Elementary School**
ID NUMBER: **09-010-1160-22-2013**

PAGE 2 OF 2
SAMPLE AREA ID: **3CCD**

VENTILATION SYSTEM FOR FRIABLE MATERIAL ONLY

VENTS NEAR MATERIAL:	-Yes	-No	Distance:	
GRILL:	-Both	-Supply	-Return	-None
INTAKE AIR DUCTS:	-Yes	-No	INSULATED:	-Inside -Outside
SUPPLY AIR DUCTS:	-Yes	-No	INSULATED:	-Inside -Outside
AIR MOVEMENT:	-High	-Moderate	-Low	-None
AIR EROSION:	-High	-Moderate	-Low	-None
Is space above ceiling used as a Plenum?		-Yes	-No	

ACTIVITY AND MOVEMENT

USE OF ROOM: **Restrooms**

ACTIVITY: -High **X** -Moderate -Low -None

WHAT IS ABOVE ROOM: **Roof**

WHAT IS NEXT TO ROOM: **Classrooms & Hallway**

GENERAL COMMENTS:

NOTE: If duct is insulated, were samples taken? -Yes -No **X** -Not Applicable

What is the Sub-Ceiling? **Not Available**

ASBESTOS DETECTED:	X -Yes	-No
FRIABLE:	-Yes	X -No
TYPE OF ASBESTOS:	Chrysotile	
% OF CONTENTS:	4%	
COMMENTS:		

DAMAGE FACTOR:	X -No Damage	X -No Potential For Damage (Under Normal Conditions)
	-Damage	-Potential For Damage
	-Significant Damage	-Potential For Significant Damage

INSPECTOR: **Pete Altieri**

IDPH LICENSE#: **100-06641**

INSPECTION DATE: **02/04/04**

INSPECTION COMPANY: **Ideal Environmental Engineering, Inc.**

ADDRESS: **2904 Tractor Lane**

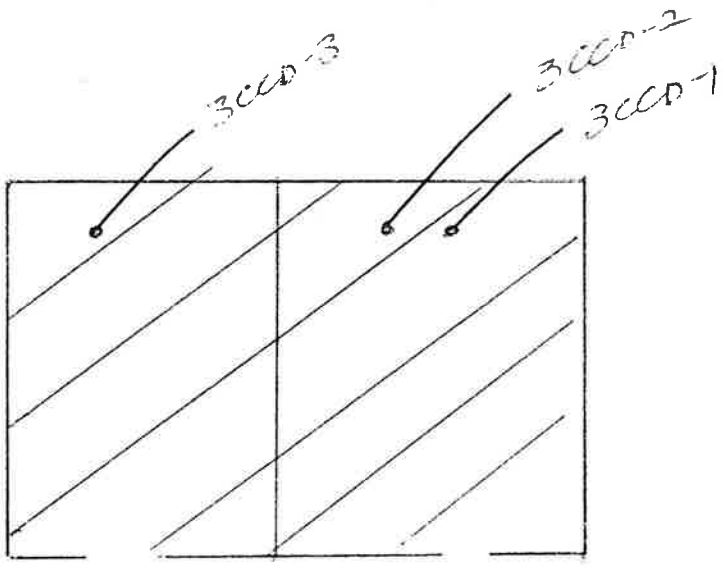
CITY/STATE/ZIP: **Bloomington, IL 61704**



Sample Area ID: 3CCD
Job Name: Wiley Elementary School
Address: 1602 S. Anderson
Urbana, Illinois
Inspection Date: February 4, 2004
Inspector: Pete Altieri
Sample #: 3CCD-1,2,3

Contact: Mr. Ota Dossett
Telephone: 217-384-3636
Diagram
Prepared By: Pete Altieri
Sq. Footage: 572 sq. ft.

Description: 12x12 Floor Tile Mastic ///// Indicates Location of Material



Wiley ELEM RESTROOMS

N →

**NON-ASBESTOS
CONTAINING
AREAS**

SECTION D

SECTION E

SECTION F

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.

7469 WHITE PINE ROAD - RICHMOND, VA 23237

804-275-4788 FAX 804-275-4907

BULK ASBESTOS SAMPLE ANALYSIS SUMMARY

CLIENT: Ideal Environmental Engineering, Inc.
2904 Tractor Lane
Bloomington, IL 61704-9163

DATE OF RECEIPT: 10 FEB 2004
DATE OF ANALYSIS: 12 FEB 2004
DATE OF REPORT: 13 FEB 2004

CLIENT NUMBER: 14-2223 A
EHS PROJECT #: 02-04-1094
PROJECT: J#6752 Wiley

EHS SAMPLE #	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
01	3CCD-1/ Black Tar-Like	4% Chrysotile 4% Total Asbestos	96% Non-Fibrous
02	3CCD-2/	DID NOT ANALYZE	
03	3CCD-3/	DID NOT ANALYZE	

QC SAMPLE: M2-1999-2

QC BLANK: SRM 1866 Fiberglass

REPORTING LIMIT: 1% Asbestos

METHOD: Polarized Light Microscopy, EPA Method 600/R-93/116 *

ANALYST: Melissa Boggs Steiniger

Reviewed By Authorized Signatory:

Howard Varner, Laboratory Director
Irma Faszewski, Quality Assurance Coordinator
David Xu, MS, Senior Chemist
Feng Jiang, MS, Senior Geologist
Michael A. Mueller, Quality Assurance Manager

Results represent the analysis of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of Environmental Hazards Services, L.L.C. California Certification #2319 NY ELAP #11714. All information concerning sampling location, date, and time can be found on Chain-of-Custody. Environmental Hazards Services, L.L.C. does not perform any sample collection.

Environmental Hazards Services, L.L.C. recommends reanalysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), for enhanced detection capabilities) for materials regulated by the EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

* All California samples analyzed by Polarized Light Microscopy, EPA Method 600/M4-82-020, Dec. 1982.

LEGEND
NAD = no asbestos detected
SCF = suspected ceramic fibers

plm1.doc/07JAN2002/ MR

-- PAGE 01 of 01 -- END OF REPORT --

Please analyze to the 1st positive, each homogenous area.

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.

Virginia 23237 Phone (804) 275-4788 Fax (804) 275-4907

Please do not layer.

3 PLM

EHS 02-04-1094

SUMMARY OF CUSTODY FORM

PAGE 1 of 1

Company Name: Ideal Environmental Engineering, Inc. Date: 2-4-04

Address: 2904 Tractor Lane Contact Name: LAB ASSISTANT SAMPLE LOG DATE

City, State, Zip: Bloomington, IL 61704-9163 Sampler Name: Altieri Accepted

EHS Client Account #: 14-2223 A Project #: J#6752 Wiley Unaccepted

Phone #: (309) 828-4259 Fax #: (309) 828-5735

P.O. #: _____

Sample Number	Sample Date & Time	Asbestos					Lead					Other Metals <small>(Specify metals below)</small>			Indoor Air Quality			Particulate: Total Nuisance (NIOSH 0500) <input type="checkbox"/>		Comments					
		Bulk ID by PLM	(PCM) Fiber Count	PLM Point Count	PLM Gravimetric	TEM AHERA (Air)	TEM Chatfield (Bulk)	Air	Paint (%)	Paint (PPM)	Paint (mg/cm ²)	Soil	Wipe * (See Note)	TCLP (Pb)	Waste Water	TCLP RCRA 8	Welding Fume	Toxic Metal Profile	Biocassette		Slide	Surface Swab	Surface Tape	Bulk	Air Volume (L) OR Wipe Area (ft ²) OR Scrape Area (cm ²)
3CCD-1	2-4-04	✓																							
3CCD-2	↓	✓																							
3CCD-3	↓	✓																							

* Do wipe samples submitted meet ASTM E1792 requirements? Yes No

Released by: <u>Rae Altieri</u>	Signature:	Date/Time: <u>2-4-04</u>
Received by: <u>JESSICA DENNER</u>	Signature:	Date/Time: <u>2-4-04</u>
Released by: <u>JESSICA DENNER</u>	Signature:	Date/Time: <u>2-9-04</u>
Received by: _____	Signature: _____	Date/Time: <u>2-10-04 gdm</u>

revised 2/2002

J#6752-
L#3570

FILE No. 445 02/13 '04 09:41 ID: FAX: PAGE 2/4

SECTION G

Sampling Protocol

763.86 Sampling

- (a) **Surfacing Material.**
An accredited inspector shall collect, in a statistically random manner that is representative of the homogeneous area, bulk samples from each homogeneous area of friable surfacing material that is not assumed to contain ACM, and shall collect samples as follows:
- (1) At least three (3) bulk samples shall be collected from each homogeneous area that is one thousand square feet or less, except as provided in 763.87 (c) (2).
 - (2) At least five (5) bulk samples shall be collected from each homogeneous area that is greater than one thousand square feet but less than or equal to five thousand square feet, except as provided in 796.87 (c) (2).
 - (3) At least seven (7) bulk samples shall be collected from each homogeneous area that is greater than five thousand square feet, except as provided in 763.87 (c) (2).
- (b) **Thermal System Insulation.**
- (1) Except as provided in paragraph (b) (2) through (4) of this section and 763.87 (c), an accredited inspector shall collect, in a randomly distributed manner, at least three bulk samples from each homogeneous area of thermal insulation that is not assumed to be ACM.
 - (2) Collect at least one bulk sample from each homogeneous area of patched thermal system insulation that is not assumed to be ACM if the patched section is less than six (6) lineal or square feet.
 - (3) In a manner sufficient to determine whether the material is ACM or not ACM, collect bulk samples from each insulation mechanical system that is not assumed to be ACM where cement or plaster is used on fittings, such as tees, elbows or valves, except as provided under 763.87 (c) (2).
 - (4) Bulk samples are not required to be collected from any homogeneous area where the accredited inspector has determined that the thermal system insulation is fiberglass, foam glass, rubber, or other non-ACM.
- (c) **Miscellaneous Material.**
In a manner sufficient to determine whether material is ACM or not ACM, an accredited inspector shall collect bulk samples from each homogeneous area of friable miscellaneous material that is not assumed to be ACM.
- (d) **Non-friable Suspect ACBM.**
If any homogeneous area of non-friable suspect ACBM is not assumed to be ACM, then an accredited inspector shall collect, in a manner sufficient to determine whether the material is ACM or not ACM, bulk samples from the homogeneous area of non-friable suspect ACBM that is not assumed to be ACM.

IDPH Section 855.345 was also followed.

Environmental Services Provided by
IDEAL Environmental Engineering, Inc.

IDEAL Environmental Engineering, Inc. is a full-service environmental firm. Please call us at 1-800-535-0964 to assist you with the following:

Asbestos

Asbestos Inspections
Asbestos Designated Person Services
Asbestos Laboratory Analysis (NVLAP, PAT)
Asbestos Management Planning
Asbestos Abatement Design
Asbestos Abatement Project Management
Asbestos Abatement Air Sampling
Asbestos Emergency Repair
Asbestos Abatement

Training

32-hour Asbestos Worker Training
40-hour Asbestos Supervisor Training
8-hour Asbestos Worker and Supervisor Refresher Training
8-hour Asbestos Floor Tile Removal Worker Course
4-hour Asbestos Floor Tile Removal Competent Person Course
8-hour Asbestos Course for Roofers
2-hour Asbestos Awareness Training

Lead

XRF Inspections
Lead Sampling
Lead Design
Lead Monitoring
Lead Removal

Indoor Environmental Quality Assessments

Bleacher Inspections
Building Demolition



