



Rod R. Blagojevich, Governor  
Eric E. Whitaker, M.D., M.P.H., Director

525-535 West Jefferson Street • Springfield, Illinois 62761-0001 • [www.idph.state.il.us](http://www.idph.state.il.us)

March 6, 2004

URBANA SCHOOL DIST 116  
BOX 3039 205 RACE  
URBANA, IL 61801

Dear Administrator:

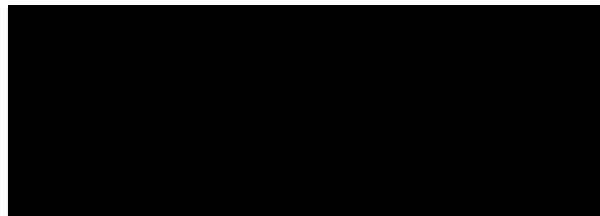
RE: Three-Year Reinspection

The Illinois Department of Public Health has received the "School Information Form" for the AHERA three-year reinspection of the WILEY ELEMENTARY SCHOOL, 09-010-1160-3001.

The three-year reinspection report should be incorporated into the school's copy of the asbestos management plan. During on-site AHERA compliance inspections conducted by the United States Environmental Protection Agency (U.S. EPA) and Illinois Department of Public Health personnel, the plan will be reviewed for the required materials. If any item is found to be missing or deficient the school could receive a letter of non-compliance from U.S. EPA or this Department.

If you have any questions, please contact Dave Johnson at the Division of Environmental Health, Asbestos Program, 525 West Jefferson Street, Springfield, IL 62761 or telephone 217/782-3517, for the hearing impaired only (TTY# 800/547-0466).

Sincerely,



Gary P. Flentge, Chief (Acting)  
Asbestos & Lead Abatement Section

*Improving public health, one community at a time*

*printed on recycled paper*

# Three-Year Reinspection 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:

2/10/2004

Ideal Number:

9811



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\* If applicable



## Reinspection Introduction

According to the federal Environmental Protection Agency's (EPA's) Asbestos Hazard Emergency Response Act (AHERA), at least once every three years from the implementation of a school's initial asbestos inspection and management plan, a reinspection must occur. The reinspection must be completed according to AHERA rules and regulations.

In Illinois, the reinspection must be completed by an EPA/AHERA-accredited, Illinois Department of Public Health (IDPH)-licensed asbestos inspector and performed according to the most recent IDPH reinspection protocol. At the time of this reinspection, the most recent reinspection protocol is published in IDPH's "Asbestos Abatement for Public and Private Schools and Commercial and Public Buildings" dated March 12, 1999.

During a reinspection, an inspector walks through the building to visually reinspect and reassess the condition of all known and assumed friable and non-friable asbestos containing materials. The inspector touches the materials to determine friability and notes any changes in the friability of the materials since the last inspection/reinspection. During a building's first reinspection, the initial inspection report is reviewed and referred to in order to identify known and assumed asbestos containing materials. During subsequent reinspections, the inspector refers to the most recent three-year reinspection report, any intermittent sampling events, and the initial inspection report if needed.

Also during a reinspection, inspectors will note the discovery of any suspect asbestos containing materials which have not been accounted for previously. For example, prior inspections may have omitted some suspect asbestos containing materials, or suspect asbestos containing materials may have become exposed during general renovation projects. The inspector may collect samples of the material(s) to determine asbestos content or document the material(s) as assumed to contain asbestos. In addition, at the school's direction, the inspector may collect samples of previously assumed asbestos materials to determine asbestos content. Supporting documentation typically includes a detailed inspection report for the material, a diagram which indicates the location of the material, and photos of the material.

If an inspector identifies newly installed suspect asbestos containing materials (typically installed within the last three years), recommendations are provided on how to treat these materials within the context of the asbestos management plan program.

The inspector's assessments during the reinspection are reviewed by an EPA/AHERA-accredited, IDPH-licensed asbestos management planner. The assessments include any changing factors for each material, such as friability, vibration, deterioration, damage, use of room, etc. If the changing factors warrant revisions to previous response actions, then revised response actions are provided. Revised response action schedules are completed by the management planner.



# Reinspection Report Overview

## **Section A**

This section contains a general information page followed by an Asbestos Program Overview page. The Asbestos Program Overview page provides a general overview of activities that have occurred since the onset of the asbestos program. After the overview page are attestments by the inspector and management planner. They certify by signature that they have performed the reinspection according to reinspection rules and regulations.

Following the attestments is an inventory of known and assumed asbestos containing materials. This information is a very important part of the report. The inventory describes whether or not changes have occurred to these materials within the last three years and provides the inspector's assessment of these materials. It indicates the current physical condition and friability of each material. In addition, it summarizes the current response action for the material.

Directly following this data is an inventory of any materials which were assumed to contain asbestos or which were sampled during the reinspection as well as any suspect asbestos materials that may have been newly installed in the building. Recommendations on how to treat the newly installed building materials are provided.

The Management Planner General Overview provides general comments from the management planner.

The Asbestos Program Policy Statement provides an overview of the procedures that have been/will be/will continue to be taken by the LEA to protect the health of building occupants in relation to asbestos issues. Upon reviewing the results of the reinspection and concurring with any revised response actions, the LEA completes and signs the policy statement. If the LEA does not agree with the response actions, justifications for any disagreement are to be provided to the management planner so that the concerns can be resolved. [AHERA regulations require that a policy statement is adopted by each LEA. Please note that the LEA signed a policy statement during the adoption of the initial asbestos management plan, and this is an updated policy statement.]

## **Section B**

This section contains copies of the current license and accreditation certificates for the inspector and management planner who completed the reinspection. If sampling was done during the reinspection, a copy of the current laboratory accreditation certificate will also be found in this section.

## **Section C**

If sampling or assuming of suspect asbestos containing materials was done during the reinspection, this section will contain a narrative which summarizes the materials addressed and the purpose for addressing them. Inspection report pages, diagrams and photos are typical documentation for each sampled or assumed material.

## **Section D**

All friable known or assumed asbestos containing materials require a response action. Response actions are prepared by management planners and provide the LEA with appropriate actions to take with their asbestos materials (i.e. repair or removal). If a material is determined to be in need of a response action or a revised response action during the reinspection, detailed documentation for each material will be found in this section. The management planner will typically use a schematic guideline called a decision tree to assist in determining response actions. A decision tree is also found in this section.



## Reinspection Report Overview (continued)

**Section E**

Each material that receives a Response Action also receives a time frame for the completion of the response action. The time lines are prepared by a management planner. If a time line has not been met for a material (i.e. repair the material within one year) then the response action has expired and a new time line is necessary. Once evaluated and established, new time lines are typically implemented by an amendment to the original response action time line schedule. If amendments to the response action time line schedule are completed, the information can be found in this section.

**Section F**

If sampling was performed during the reinspection, this section will contain the laboratory analysis results, sample chain of custody, and a summary of sampling protocol as applicable to school buildings.

**Section G**

This section contains General Definitions and General Comments pages to help explain some of the terminology of an asbestos program. A helpful checklist describing the record-keeping requirements of an asbestos program is also found in this section.

**Section H**

This section contains the School Information Form. This form is required to be filled out and sent to IDPH. This section may also contain a fax cover sheet and fax transmittal report indicating that the completed sheet was faxed to IDPH on the LEA's behalf.

**Appendix**

This section contains several sample asbestos program forms that can be used as reference tools or examples. Some are suited to be copied and used as part of your asbestos program.

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*If you have any questions about the elements of the three-year reinspection report, please do not hesitate to contact IDEAL at (800)535-0964.*



# **SECTION A**

## General Information Page

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

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: None

Three-Year Reinspection Date: 2/10/2004  
IDEAL Number: 9811

Inspector: Pete Altieri  
Inspector ID#: 100-06641  
State of Accreditation: IL

Management Planner: Jerry L. Wilson  
Management Planner ID#: 100-01338  
State of Accreditation: IL

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





## Asbestos Program Overview

The following is a general overview of activities that have occurred in the building since the onset of the asbestos program. This information has been determined by IDEAL and is based on available asbestos management plan information and available general building information. This information is provided for general informational purposes only and may not be an all-inclusive history.

### **Additional Asbestos Sampling**

Some additional sampling has taken place. Prior to any further sampling, school should review previous documentation to determine if materials have already been sampled.

### **Large-Scale Abatement**

In 6/1989, a large-scale abatement project took place involving the removal of some thermal system insulation materials and floor tile. In 6/1994, the boiler room, tunnels and mechanical rooms were abated. In 6/1999, some areas of floor tile, floor tile mastic and carpet mastic were removed.

### **Major Renovation**

No major renovation activities have taken place.

### **Building Additions**

No building additions have been added.

### **Demolition Activities**

No demolition activities have taken place.

### **Tunnel/Crawlspace Information**

A tunnel/crawlspace system is found in this school. The thermal system insulation materials in the tunnels were removed 6/1994.

### **Additional Notes**

None




# Inspector/Management Planner Attestments

## INSPECTOR REINSPECTION ATTESTMENT

I conducted the Three-Year Reinspection. I followed the reinspection requirements as noted in the Reinspection Introduction. I am an EPA/AHERA-accredited, IDPH-licensed asbestos inspector. My inspector certification is current.

During the reinspection, I visually reinspected and reassessed under AHERA Section 763.88 the condition of all accessible friable and non-friable asbestos containing materials, known or assumed, and touched the materials to determine friability. Reassessment of the areas included reviewing the following factors for each material:

- ▶ Vibration
  - ▶ Deterioration
  - ▶ Physical damage
  - ▶ Accessibility
  - ▶ Proximity of the material to areas requiring maintenance
  - ▶ Barriers
  - ▶ Ventilation
  - ▶ Air movement
  - ▶ Use of room
  - ▶ Rooms used above and adjacent to the ACBM areas
- Not applicable, as no accessible friable or non-friable asbestos containing materials are in the building. However, it is important to note that known or assumed asbestos containing materials exist or are believed to exist in the building in inaccessible areas such as behind walls and above ceilings.

  
Inspector Signature

100-6641  
IDPH License #

2-10-04  
Date

## MANAGEMENT PLANNER REINSPECTION ATTESTMENT

I reviewed the results of the inspector's reassessment and determined if any response action revisions were necessary due to the reassessment. I followed the management planner review requirements as noted in the Reinspection Introduction. I am an EPA/AHERA-accredited, IDPH-licensed asbestos inspector and management planner. My inspector and management planner re-certification is current.

  
Management Planner Signature

100-01339  
IDPH License #

03/15/04  
Date





# Previously Known & Assumed Asbestos Materials

Inventory of known asbestos materials and materials assumed to contain asbestos as identified prior to the date of this inspection — Page 1 of 5

Prior to any renovation or demolition, a specific inspection for localized and/or hidden suspect asbestos areas needs to be completed.

Inspector's Reinspection Findings & Reassessment								Management Planner's Comments	
Area ID	Area Description	Area Location	Sampled & Type of Analysis or Assumed	Material Type	Damage Condition	Friable	Change in Physical Condition, Potential for Damage Assessment, & General Comments	Management Planner Recommendations	Response Action #
3AZ	Heat System Fittings	1954 Addition	Assumed	T	D	Yes	No apparent changes in condition.	Monitor any damage. Continue preventative measures to reduce potential for significant damage. Continue O&M.	2
3BZ	Heat System Pipe Cover	1954 Addition	Assumed	T	D	Yes	Repair work done Summer 2003.	Monitor any damage. Continue preventative measures to reduce potential for significant damage. Continue O&M.	2
3CZ	Domestic Water Line Fitting Insulation	1954 Addition	Assumed	T	D	Yes	No apparent changes in condition.	Monitor any damage. Continue preventative measures to reduce potential for significant damage. Continue O&M.	2
3DZ	Domestic Water Line Pipe Insulation	1954 Addition	Assumed	T	D	Yes	No apparent changes in condition.	Monitor any damage. Continue preventative measures to reduce potential for significant damage. Continue O&M.	2
1B	Heat System Fittings	1951 Original Inaccessible Areas	Sampled PLM	T	D	Yes	Material is assumed to remain in inaccessible areas.	Ensure care is taken if accessing areas where material is likely to be found, such as above ceilings and behind walls.	4
1BZ	Domestic Water Line Pipe Insulation	1951 Original Inaccessible Areas	Assumed	T	D	Yes	Material is assumed to remain in inaccessible areas.	Ensure care is taken if accessing areas where material is likely to be found, such as above ceilings and behind walls.	4
1C	Heat System Pipe Insulation	1951 Original Inaccessible Areas	Sampled PLM	T	D	Yes	Material is assumed to remain in inaccessible areas.	Ensure care is taken if accessing areas where material is likely to be found, such as above ceilings and behind walls.	4
1E	Domestic Water Line Fitting Insulation	1951 Original Inaccessible Areas	Sampled PLM	T	D	Yes	Material is assumed to remain in inaccessible areas.	Ensure care is taken if accessing areas where material is likely to be found, such as above ceilings and behind walls.	4

Information listed above reflects current information on file for the areas. The asbestos program is a compilation of ongoing and continually changing information. Therefore, this information may no longer coincide with original asbestos inspection and management plan report information and subsequent asbestos documentation prior to the date of this reinspection. Areas which were removed and reported as such on previous three-year reinspection reports are not listed.

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



# Previously Known & Assumed Asbestos Materials

Inventory of known asbestos materials and materials assumed to contain asbestos as identified prior to the date of this inspection — Page 2 of 5

Prior to any renovation or demolition, a specific inspection for localized and/or hidden suspect asbestos areas needs to be completed.

Inspector's Reinspection Findings & Reassessment								Management Planner's Comments	
Area ID	Area Description	Area Location	Sampled & Type of Analysis or Assumed	Material Type	Damage Condition	Friable	Change in Physical Condition, Potential for Damage Assessment, & General Comments	Management Planner Recommendations	Response Action #
2B	Heat System Pipe Insulation	1951 Original Above Ceilings By Stage	Sampled PLM	T	D	Yes	No apparent changes in condition.	Monitor any damage. Continue O&M. Ensure care is taken if accessing area above ceiling where material is found.	4
2E	Domestic Water Line Fitting Insulation	1951 Original Inaccessible Areas	Sampled PLM	T	D	Yes	Material is assumed to remain in inaccessible areas.	Ensure care is taken if accessing areas where material is likely to be found, such as above ceilings and behind walls.	4
2F	Domestic Water Line Pipe Insulation	1951 Original Inaccessible Areas	Sampled PLM	T	D	Yes	Material is assumed to remain in inaccessible areas.	Ensure care is taken if accessing areas where material is likely to be found, such as above ceilings and behind walls.	4
2H	Heat System Fittings	1951 Original Inaccessible Areas	Sampled PLM	T	D	Yes	Material is assumed to remain in inaccessible areas.	Ensure care is taken if accessing areas where material is likely to be found, such as above ceilings and behind walls.	4
1AZ	Fire Door	1951 Original Boiler Room	Assumed	M	D	No	No apparent changes in condition.	Monitor any damage. Continue O&M until renovation or demolition requires removal, or until assessment factors change.	N/A
2A	Flex Duct Connector	1951 Original Above Ceilings by Stage	Assumed	M	D	No	No apparent changes in condition. Material is assumed to contain asbestos until adequate sampling proves otherwise.	Monitor any damage. Continue O&M until renovation or demolition requires removal, or until assessment factors change.	N/A
2AZ	Transite Panels	1951 Original Custodian Room & Copy Room Partition Wall (Assumed To Be Below Drywall)	Assumed	M	D	No	No apparent changes in condition.	Monitor any damage. Continue O&M until renovation or demolition requires removal, or until assessment factors change.	N/A
2C	Duct Lining	1951 Original Above Ceilings by Stage, Inaccessible Areas	Assumed	M	D	No	No apparent changes in condition for area above ceilings by the stage. Material is assumed to remain in inaccessible areas.	Monitor any damage. Continue O&M. Ensure care is taken if accessing areas where material is found or is likely to be found.	N/A

Information listed above reflects current information on file for the areas. The asbestos program is a compilation of ongoing and continually changing information. Therefore, this information may no longer coincide with original asbestos inspection and management plan report information and subsequent asbestos documentation prior to the date of this reinspection. Areas which were removed and reported as such on previous three-year reinspection reports are not listed.

Material Type:  
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Damage Condition:  
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# Previously Known & Assumed Asbestos Materials

Inventory of known asbestos materials and materials assumed to contain asbestos as identified prior to the date of this inspection — Page 3 of 5

Prior to any renovation or demolition, a specific inspection for localized and/or hidden suspect asbestos areas needs to be completed.

Inspector's Reinspection Findings & Reassessment								Management Planner's Comments	
Area ID	Area Description	Area Location	Sampled & Type of Analysis or Assumed	Material Type	Damage Condition	Friable	Change in Physical Condition, Potential for Damage Assessment, & General Comments	Management Planner Recommendations	Response Action #
2G	Vinyl Wall Covering Mastic	1951 Original Various Classroom Walls	Assumed	M	ND	No	No apparent changes in condition. Material is assumed to contain asbestos until adequate sampling proves otherwise.	Monitor any damage. Continue O&M until renovation or demolition requires removal, or until assessment factors change.	N/A
2I	Cove Base Mastic	1951 Original Various Throughout	Sampled PLM	M	ND	No	Some exposed in the teachers' lounge.	Recommend covering exposed mastic. Continue O&M until renovation or demolition requires removal, or until assessment factors change.	N/A
2K	Carpet Mastic	1951 Original & 1954 Addition Various Throughout	Sampled PLM	M	ND	No	No apparent changes in condition.	Monitor any damage. Continue O&M until renovation or demolition requires removal, or until assessment factors change.	N/A
2L	9x9 Brown-Striped Floor Tile	1951 Original North Custodian Closet	Sampled PLM	M	D	No	No apparent changes in condition.	Monitor any damage. Continue O&M until renovation or demolition requires removal, or until assessment factors change.	N/A
2LZ	9x9 Brown-Striped Floor Tile Mastic	1951 Original North Custodian Closet	Assumed	M	ND	No	No apparent changes in condition.	Monitor any damage. Continue O&M until renovation or demolition requires removal, or until assessment factors change.	N/A
2M	12x12 Putty Floor Tile	1951 Original Entry 1, Rooms 13, 34 & 42 (carpet over some)	Sampled PLM	M	D	No	Carpeted installed over tile and mastic in rooms 13 & 42 Summer 2000.	Monitor any damage. Continue O&M until renovation or demolition requires removal, or until assessment factors change.	N/A
2MZ	12x12 Putty Floor Tile Mastic	1951 Original Entry 1, Rooms 13, 34 & 42 (carpet over some)	Assumed	M	ND	No	Carpeted installed over tile and mastic in rooms 13 & 42 Summer 2000.	Monitor any damage. Continue O&M until renovation or demolition requires removal, or until assessment factors change.	N/A
2N	Sheet Vinyl Flooring	1951 Original Room 31 Closets & Teachers' Lounge (carpet over)	Sampled PLM	M	ND	No	No apparent changes in condition.	Monitor any damage. Continue O&M until renovation or demolition requires removal, or until assessment factors change.	N/A

Information listed above reflects current information on file for the areas. The asbestos program is a compilation of ongoing and continually changing information. Therefore, this information may no longer coincide with original asbestos inspection and management plan report information and subsequent asbestos documentation prior to the date of this reinspection. Areas which were removed and reported as such on previous three-year reinspection reports are not listed.

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

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# Previously Known & Assumed Asbestos Materials

Inventory of known asbestos materials and materials assumed to contain asbestos as identified prior to the date of this inspection — Page 4 of 5

Prior to any renovation or demolition, a specific inspection for localized and/or hidden suspect asbestos areas needs to be completed.

Inspector's Reinspection Findings & Reassessment								Management Planner's Comments	
Area ID	Area Description	Area Location	Sampled & Type of Analysis or Assumed	Material Type	Damage Condition	Friable	Change in Physical Condition, Potential for Damage Assessment, & General Comments	Management Planner Recommendations	Response Action #
2NZ	Sheet Vinyl Flooring Mastic	1951 Original Room 31 Closets & Teachers' Lounge (carpet over)	Assumed	M	D	No	No apparent changes in condition.	Monitor any damage. Continue O&M until renovation or demolition requires removal, or until assessment factors change.	N/A
3C	12x12 Putty Floor Tile	1954 Addition Entries 3 & 5, Boys' & Girls' Restrooms	Sampled PLM	M	D	No	Some water-damaged in boys' & girls' restrooms. Some damaged near water fountain in south hallway and at south hallway entryway.	Monitor any damage. Continue O&M until renovation or demolition requires removal, or until assessment factors change.	N/A
3CCD	12x12 Floor Tile Mastic	South Hallway Restrooms	Sampled PLM	M	ND	No	Sampled 2/4/2004 and was found to contain asbestos. No apparent changes in condition.	Monitor any damage. Continue O&M until renovation or demolition requires removal, or until assessment factors change.	N/A
3CCZ	12x12 Putty Floor Tile Mastic	1954 Addition Entries 3 & 5, Boys' & Girls' Restrooms (except sampled area)	Assumed	M	ND	No	No apparent changes in condition. Some sampled in south hallway restrooms 2/2004 as area 3CCD.	Monitor any damage. Continue O&M until renovation or demolition requires removal, or until assessment factors change.	N/A
3D	12x12 Light Green Floor Tile	1954 Addition Rooms 41 & 42 (carpet over some)	Sampled PLM	M	D	No	No apparent changes in condition.	Monitor any damage. Continue O&M until renovation or demolition requires removal, or until assessment factors change.	N/A
3DDZ	12x12 Light Green Floor Tile Mastic	1954 Addition Rooms 41 & 42 (carpet over some)	Assumed	M	ND	No	No apparent changes in condition.	Monitor any damage. Continue O&M until renovation or demolition requires removal, or until assessment factors change.	N/A
3E	9x9 Tan Floor Tile	1954 Addition South Janitor's Room	Sampled PLM	M	D	No	Some loose and damaged.	Recommend cleanup of loose/damaged tiles ASAP. Continue O&M.	N/A
3EEZ	9x9 Tan Floor Tile Mastic	1954 Addition South Janitor's Room	Assumed	M	D	No	No apparent changes in condition.	Monitor any damage. Continue O&M until renovation or demolition requires removal, or until assessment factors change.	N/A

Information listed above reflects current information on file for the areas. The asbestos program is a compilation of ongoing and continually changing information. Therefore, this information may no longer coincide with original asbestos inspection and management plan report information and subsequent asbestos documentation prior to the date of this reinspection. Areas which were removed and reported as such on previous three-year reinspection reports are not listed.

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



# Previously Known & Assumed Asbestos Materials

Inventory of known asbestos materials and materials assumed to contain asbestos as identified prior to the date of this inspection — Page 5 of 5

Prior to any renovation or demolition, a specific inspection for localized and/or hidden suspect asbestos areas needs to be completed.

Inspector's Reinspection Findings & Reassessment								Management Planner's Comments	
Area ID	Area Description	Area Location	Sampled & Type of Analysis or Assumed	Material Type	Damage Condition	Friable	Change in Physical Condition, Potential for Damage Assessment, & General Comments	Management Planner Recommendations	Response Action #
3FZ	Gypsum Board & Compound	1954 Addition Room 36, Janitor's Office, Copy Room	Assumed	M	ND	No	No apparent changes in condition.	Monitor any damage. Continue O&M until renovation or demolition requires removal, or until assessment factors change.	N/A
W-MFA	12x12 Putty Floor Tile & Mastic	1951 Original Room 29 (carpet over)	Sampled PLM	M			Material was sampled in 1996 and was found to be non-asbestos containing.		

Information listed above reflects current information on file for the areas. The asbestos program is a compilation of ongoing and continually changing information. Therefore, this information may no longer coincide with original asbestos inspection and management plan report information and subsequent asbestos documentation prior to the date of this reinspection. Areas which were removed and reported as such on previous three-year reinspection reports are not listed.

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

Damage Condition:  
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 TEM = Transmission Electron Microscopy

N/A = Not Applicable



Wiley Elementary School  
 School ID#: 09-010-1160-22-2013  
 Reinspection Date: 2/10/2004

# Newly Identified or Sampled Suspect Asbestos Materials

Inventory of any newly identified or sampled suspect asbestos materials — 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
	New Flooring Materials (such as carpet mastic)	Various Areas							Newly installed flooring materials are evident. Recommend obtaining verification that they do not contain asbestos. If they will be disturbed, asbestos sampling protocol current at the time of disturbance will need to be reviewed.

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

PLM = Polarized Light Microscopy  
 TEM = Transmission Electron Microscopy

N/A = Not Applicable





Wiley Elementary School  
School ID#: 09-010-1160-22-2013  
Reinspection Date: 2/10/2004

## Management Planner General Overview

A general overview of the response action recommendations and any specific comments as provided by the management planner.

Overall, the operations and maintenance program appears to be in good order.

Ensure care is taken if accessing areas where thermal system insulation materials are likely to be found, such as above ceilings and behind walls. Response actions for thermal system insulation materials have been revised to more accurately reflect the disturbance factor and damage condition for the materials.

Non-friable drywall and drywall joint compound are currently assumed to contain asbestos. Recommend sampling to determine asbestos content due to the potential for disturbance.

Non-friable asbestos containing materials exist in this building. These materials can become friable due to unintentional damage and disturbances. Continue to take preventative measures to reduce the possibility of disturbances which may cause damage to your non-friable materials. Response actions are not applicable to miscellaneous and surfacing materials in a non-friable state for AHERA management plan program purposes. Therefore, any prior issued response actions for these materials have been removed from the reporting documentation.

Recommend carefully documenting the location of newly installed building materials as well as the date of installation.

Continue operations and maintenance work on an annual basis.

  
Management Planner

Tab "L"  
3-yr reinspection

Wiley

## **ASBESTOS PROGRAM POLICY STATEMENT**

[This policy statement supersedes any previously adopted policy statements.]

The asbestos policy of the school [Local Education Agency (LEA)] is as follows:

We will continue to comply with the AHERA rules and regulations as set forth in 40 CFR part 763 of Federal Register on October 30, 1987, and in IDPH Section 855. The Asbestos Management Plan was put into effect approximately June 9, 1989 or within one year of the date of the initial inspection. A complete set of Asbestos Management Plan books for each building will be kept at the main administration office, and each school office will have a copy of its respective Asbestos Management Plan.

We understand that the Asbestos Management Plan is followed to help preserve the health and safety of building occupants.

Any asbestos containing material that is damaged or may become damaged will be repaired by an EPA/AHERA-accredited, IDPH-licensed asbestos worker.

All accessible asbestos containing areas and repaired materials will be maintained in good condition.

All the tunnel/crawlspace areas containing damaged asbestos materials will be repaired within one year and maintained, or the spaces will be locked and sealed, with entry permitted only by EPA/AHERA-accredited, IDPH-licensed asbestos workers wearing respirators and disposable suits.

Warning labels will be posted on all known or assumed ACBM in all maintenance areas to indicate the presence of asbestos.

Prior to any remodeling or renovation projects, consideration will be given to what asbestos materials might be affected, and proper procedures will be carried out to ensure AHERA compliance. Any suspect asbestos containing building material (ACBM) not previously addressed will be assumed to contain asbestos until inspected, sampled and analyzed to determine asbestos content.

Building occupants will be notified annually about the availability of the Asbestos Management Plan and about asbestos-related activities. The dated notification will be filed in the Asbestos Management Plan. Even if all asbestos materials are removed or if all materials are determined not to contain asbestos, the building occupants will be notified each year of the availability of the Asbestos Management Plan.

Any buildings leased, acquired, or put into use on or after October 12, 1988 as a school building (as defined by AHERA) will be inspected for asbestos and have an Asbestos Management Plan developed prior to school use.

Outside contractors will be required to obtain a work permit before undertaking maintenance or remodeling work. The contractor will be notified of the Asbestos Management Plan and the location of any asbestos materials that must not be disturbed. The signed work permits will be filed in the Asbestos Management Plan.

Custodial/maintenance personnel, including summer employees, will receive the required two (2) hours of asbestos awareness training, and any newly hired custodial/maintenance personnel will receive this required training within 60 days of employment. The training documentation will be filed in the Asbestos Management Plan. The training will be renewed on an annual basis to meet OSHA requirements.

We will provide an in-house asbestos coordinator for our school's asbestos program. Our in-house asbestos coordinator is:

Name \_\_\_\_\_ Phone \_\_\_\_\_

The Asbestos Designated Person will oversee any minor removal of up to three square feet or three linear feet of asbestos containing material, or the cleanup of any minor fiber release, and will ensure that six-month surveillances are completed.

If we need to remove any asbestos containing building materials, such as prior to any repair, remodeling, renovation or demolition work, we will use an EPA/AHERA-accredited IDPH-licensed designer to design the project, and we will use project managers/air sampling professionals during the removal process.

We only employ EPA/AHERA-accredited, IDPH-licensed contractors and workers to complete response actions.

This policy statement may be revised at any time, and the Asbestos Management Plan may be updated as needed.

[Redacted Signature]

LEA ADMINISTRATOR

LEA

DATE

5-17-04

[If you have questions about or need assistance with any of the above statements, please do not hesitate to call IDEAL at (800)535-0964.]



# **SECTION B**



Department of Public Health

LICENSE, PERMIT, CERTIFICATION, REGISTRATION

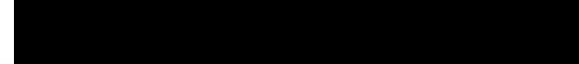
The person, firm or corporation whose name appears on this certificate has complied with the provisions of the Illinois Statutes and/or rules and regulations and is hereby authorized to engage in the activity as indicated below.

JOHN R. LUMPKIN, M.D.
DIRECTOR

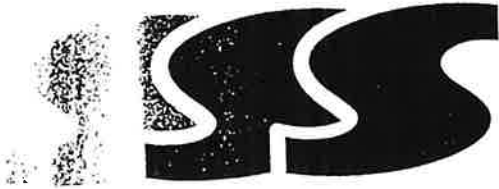
Issued under the authority of
The State of Illinois
Department of Public Health

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

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'.

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





State of Illinois

A 138646

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 (100-01338). Below the table, names and titles: JERRY WILSON, PROJECT DESIGNER INSPECTOR, MANAGEMENT PLANNER PROJECT MANAGER, AIR SAMPLING PROFESSIONAL.

BUSINESS ADDRESS

ASBESTOS PROFESSIONAL LICENSE

ALTERING THIS CERTIFICATE MAY RESULT IN LEGAL ACTION

JERRY WILSON

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

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State of Illinois A 138646

Department of Public Health

LICENSE, PERMIT, CERTIFICATION, REGISTRATION

ASBESTOS PROFESSIONAL LICENSE

Table with 3 columns: EXPIRATION DATE (05/15/2004), CATEGORY (5319), I.D. NUMBER (100-01338).

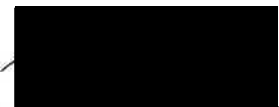
JERRY WILSON
PROJECT DESIGNER INSPECTOR
MANAGEMENT PLANNER
PROJECT MANAGER
AIR SAMPLING PROFESSIONAL

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 INDICATED ON THE FACE OF THIS CARD

ISSUED UNDER THE AUTHORITY OF
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC HEALTH



SIGNATURE OF LICENSEE





# 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*

**Jerry L. Wilson**

407 North Center Street, Colfax, IL, 61728

*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: SSS20030905-0791ABIR  
Certificate Expiration: 09/05/2004  
Student SSN: 395-68-8321

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





# 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*

**Jerry L. Wilson**

407 North Center Street, Colfax, IL, 61728

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

## Asbestos Management Planner Refresher

**Class Date:** September 5, 2003  
**Examination Date:** 09/05/2003  
**Certificate Number:** SSS20030905-0445AMPR  
**Certificate Expiration:** 09/05/2004  
**Student SSN:** 395-68-8321

A handwritten signature in black ink, reading "D. Mueller".

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





# **SECTION C**

**ASBESTOS  
CONTAINING  
AREAS**

**NON-ASBESTOS  
CONTAINING  
AREAS**

# **SECTION D**

# HAZARD ASSESSMENT & RESPONSE ACTION DETERMINATION Thermal System Insulation & Friable Surfacing & Miscellaneous Materials

SCHOOL NAME: Wiley Elementary School  
ID NUMBER: 09-010-1160-22-2013  
BUILDING: 1954 Addition

PAGE 1 OF 2  
SAMPLE AREA ID: 3AZ  
SAMPLE AREA DESCRIPTION: Heat System Fittings

## HAZARD ASSESSMENT:

This area is **assumed to contain** asbestos. Removal or repair of the material should only be done by EPA/AHERA accredited, IDPH licensed asbestos workers. Per the inspector's assessment, this material is **damaged**.

Per typical building layouts and previous experience, I, the management planner, have deemed the disturbance factor to be **high**. A disturbance factor is based on the accessibility of the material, activity levels, vibration, and air erosion in the area where the material is located.

It is anticipated that there is air flow in the building.

There is potential for fiber releases where the material is disturbed. Any damage must be repaired within one year.

## POTENTIAL DAMAGE CLASS:

-Not Applicable

[Material is already damaged or significantly damaged.]

-Potential Significant Damage

[Material is in an area regularly used by building occupants, including maintenance personnel, in the course of their normal activities. There are indications that there is a reasonable likelihood that the material or its covering will become *significantly damaged*, deteriorated, or delaminated due to factors such as changes in building use, changes in operations and maintenance practices, changes in occupancy, or recurrent damage. The material is subject to major or continuing disturbance, due to factors including but not limited to accessibility or, under certain circumstances, vibration or air erosion.]

-Potential Damage

[Material is in an area regularly used by building occupants, including maintenance personnel, in the course of their normal activities. There are indications that there is a reasonable likelihood that the material or its covering will become *damaged*, deteriorated, or delaminated due to factors such as changes in building use, changes in operations and maintenance practices, changes in occupancy, or recurrent damage.]

-Low Potential Damage

[Material has a reduced likelihood for damage based on the current condition of the material and the school's O&M practices and preventative measures that have been taken to reduce the potential for damage or the material is in an area not readily accessible by building occupants such as behind walls and above ceilings.]

RESPONSE ACTION NUMBER:                                2          

1. FOR THERMAL SYSTEM INSULATION MATERIALS: Immediately isolate the functional space(s) which is significantly damaged and restrict access if needed. Repair all damaged materials in the functional space(s). If it is not feasible to repair, remove the damaged materials.  
FOR SURFACING AND MISCELLANEOUS MATERIALS: Immediately isolate the functional space(s) which is significantly damaged and restrict access. Remove all damaged materials in the functional space, unless enclosure or encapsulation is sufficient to contain fibers.  
FOR ALL ACM NOT REMOVED: Maintain ACM in good condition under O&M program.
2. Take preventative measures to reduce potential for significant damage. If preventative measures cannot be effectively implemented, isolate the area until the material can be removed, enclosed, encapsulated or repaired to correct damage. Maintain ACM in good condition under O&M program.
3. Take preventative measures to reduce likelihood further damage will occur. Remove, enclose, encapsulate or repair to correct damage. Maintain ACM in good condition under O&M program.
4. Remove, enclose, encapsulate or repair to correct damage. Maintain ACM in good condition under O&M program.
5. Take preventative measures to reduce potential for significant damage. If preventative measures cannot be effectively implemented, response actions other than O&M, including area isolation, may be required. Maintain ACM in good condition under O&M program.
6. Take preventative measures to reduce likelihood that damage will occur. Maintain ACM in good condition under O&M program.
7. Maintain ACM in good condition under O&M program.

Note: An O&M program may include enclosure and encapsulation where appropriate to increase the effectiveness of O&M.

Response actions (1-7) above indicates **priority** for removal.

**The Management Planner inference for damage (or potential damage) may be different from Inspector's responses.**



# HAZARD ASSESSMENT & RESPONSE ACTION DETERMINATION Thermal System Insulation & Friable Surfacing & Miscellaneous Materials

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

PAGE 2 OF 2  
SAMPLE AREA ID: 3AZ

## HEALTH AND SAFETY MEASURES:

Damaged pipe fitting material needs to be repaired as soon as possible in areas of direct contact with building occupants. Damaged pipe fittings become friable with the potential for fiber release. If damaged material is exposed to continued disturbance, removal or permanent enclosure are the only options. Special precautions, such as not leaning items against the material, should be taken. Any damage should be repaired within one year.

## COST ESTIMATES FOR AREA:

Repair: \$ <1,500.00  
Operations & Maintenance program per year: \$ <1,000.00

Note: The estimate does not include replacement of materials in affected areas. Also, price is based on local contractor's prices and does not reflect actual price. Actual price is determined after bidding process is complete.

**Removal is always an option under AHERA regulations.**

Enclosure and Encapsulation are initially less costly, but **total removal** is most cost effective over time.

INSPECTOR: Pete Altieri  
IDPH LICENSE#: 100-06641  
INSPECTION DATE: 2/10/2004  
MANAGEMENT PLANNER: Jerry L. Wilson  
IDPH LICENSE#: 100-01338  
REVIEW DATE: 3/15/2004



# HAZARD ASSESSMENT & RESPONSE ACTION DETERMINATION

## Thermal System Insulation & Friable Surfacing & Miscellaneous Materials

SCHOOL NAME: Wiley Elementary School  
ID NUMBER: 09-010-1160-22-2013  
BUILDING: 1954 Addition

PAGE 1 OF 2  
SAMPLE AREA ID: 3BZ  
SAMPLE AREA DESCRIPTION: Heat System Pipe Cover

### HAZARD ASSESSMENT:

This area is **assumed to contain** asbestos. Removal or repair of the material should only be done by EPA/AHERA accredited, IDPH licensed asbestos workers. Per the inspector's assessment, this material is **damaged**.

Per typical building layouts and previous experience, I, the management planner, have deemed the disturbance factor to be **high**. A disturbance factor is based on the accessibility of the material, activity levels, vibration, and air erosion in the area where the material is located.

It is anticipated that there is air flow in the building.

There is potential for fiber releases where the material is disturbed. Any damage must be repaired within one year.

### POTENTIAL DAMAGE CLASS:

**X** -Not Applicable

[Material is already damaged or significantly damaged.]

-Potential Significant Damage

[Material is in an area regularly used by building occupants, including maintenance personnel, in the course of their normal activities. There are indications that there is a reasonable likelihood that the material or its covering will become *significantly damaged*, deteriorated, or delaminated due to factors such as changes in building use, changes in operations and maintenance practices, changes in occupancy, or recurrent damage. The material is subject to major or continuing disturbance, due to factors including but not limited to accessibility or, under certain circumstances, vibration or air erosion.]

-Potential Damage

[Material is in an area regularly used by building occupants, including maintenance personnel, in the course of their normal activities. There are indications that there is a reasonable likelihood that the material or its covering will become *damaged*, deteriorated, or delaminated due to factors such as changes in building use, changes in operations and maintenance practices, changes in occupancy, or recurrent damage.]

-Low Potential Damage

[Material has a reduced likelihood for damage based on the current condition of the material and the school's O&M practices and preventative measures that have been taken to reduce the potential for damage or the material is in an area not readily accessible by building occupants such as behind walls and above ceilings.]

RESPONSE ACTION NUMBER:                              2          

1.    FOR THERMAL SYSTEM INSULATION MATERIALS: Immediately isolate the functional space(s) which is significantly damaged and restrict access if needed. Repair all damaged materials in the functional space(s). If it is not feasible to repair, remove the damaged materials.  
      FOR SURFACING AND MISCELLANEOUS MATERIALS: Immediately isolate the functional space(s) which is significantly damaged and restrict access. Remove all damaged materials in the functional space, unless enclosure or encapsulation is sufficient to contain fibers.  
      FOR ALL ACM NOT REMOVED: Maintain ACM in good condition under O&M program.
2.    Take preventative measures to reduce potential for significant damage. If preventative measures cannot be effectively implemented, isolate the area until the material can be removed, enclosed, encapsulated or repaired to correct damage. Maintain ACM in good condition under O&M program.
3.    Take preventative measures to reduce likelihood further damage will occur. Remove, enclose, encapsulate or repair to correct damage. Maintain ACM in good condition under O&M program.
4.    Remove, enclose, encapsulate or repair to correct damage. Maintain ACM in good condition under O&M program.
5.    Take preventative measures to reduce potential for significant damage. If preventative measures cannot be effectively implemented, response actions other than O&M, including area isolation, may be required. Maintain ACM in good condition under O&M program.
6.    Take preventative measures to reduce likelihood that damage will occur. Maintain ACM in good condition under O&M program.
7.    Maintain ACM in good condition under O&M program.

Note: An O&M program may include enclosure and encapsulation where appropriate to increase the effectiveness of O&M.

Response actions (1-7) above indicates **priority** for removal.

**The Management Planner inference for damage (or potential damage) may be different from Inspector's responses.**



# HAZARD ASSESSMENT & RESPONSE ACTION DETERMINATION Thermal System Insulation & Friable Surfacing & Miscellaneous Materials

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

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

## HEALTH AND SAFETY MEASURES:

Damaged pipe covering material needs to be repaired as soon as possible in areas of direct contact with building occupants. Damaged pipe coverings become friable with the potential for fiber release. If damaged material is exposed to continued disturbance, removal or permanent enclosure are the only options. Special precautions, such as not leaning items against the material, should be taken. Any damage should be repaired within one year.

## COST ESTIMATES FOR AREA:

Repair: \$ <1,500.00  
Operations & Maintenance program per year: \$ <1,000.00

Note: The estimate does not include replacement of materials in affected areas. Also, price is based on local contractor's prices and does not reflect actual price. Actual price is determined after bidding process is complete.

**Removal is always an option under AHERA regulations.**

Enclosure and Encapsulation are initially less costly, but **total removal** is most cost effective over time.

INSPECTOR: **Pete Altieri**  
IDPH LICENSE#: **100-06641**  
INSPECTION DATE: **2/10/2004**  
MANAGEMENT PLANNER: **Jerry L. Wilson**  
IDPH LICENSE#: **100-01338**  
REVIEW DATE: **3/15/2004**





# HAZARD ASSESSMENT & RESPONSE ACTION DETERMINATION

## Thermal System Insulation & Friable Surfacing & Miscellaneous Materials

SCHOOL NAME: Wiley Elementary School  
ID NUMBER: 09-010-1160-22-2013  
BUILDING: 1954 Addition

PAGE 1 OF 2  
SAMPLE AREA ID: 3CZ

SAMPLE AREA DESCRIPTION: Domestic Water Line Fitting Insulation

### HAZARD ASSESSMENT:

This area is assumed to contain asbestos. Removal or repair of the material should only be done by EPA/AHERA accredited, IDPH licensed asbestos workers. Per the inspector's assessment, this material is **damaged**.

Per typical building layouts and previous experience, I, the management planner, have deemed the disturbance factor to be **high**. A disturbance factor is based on the accessibility of the material, activity levels, vibration, and air erosion in the area where the material is located.

It is anticipated that there is air flow in the building.

There is potential for fiber releases where the material is disturbed. Any damage must be repaired within one year.

### POTENTIAL DAMAGE CLASS:

X -Not Applicable

[Material is already damaged or significantly damaged.]

-Potential Significant Damage

[Material is in an area regularly used by building occupants, including maintenance personnel, in the course of their normal activities. There are indications that there is a reasonable likelihood that the material or its covering will become *significantly damaged*, deteriorated, or delaminated due to factors such as changes in building use, changes in operations and maintenance practices, changes in occupancy, or recurrent damage. The material is subject to major or continuing disturbance, due to factors including but not limited to accessibility or, under certain circumstances, vibration or air erosion.]

-Potential Damage

[Material is in an area regularly used by building occupants, including maintenance personnel, in the course of their normal activities. There are indications that there is a reasonable likelihood that the material or its covering will become *damaged*, deteriorated, or delaminated due to factors such as changes in building use, changes in operations and maintenance practices, changes in occupancy, or recurrent damage.]

-Low Potential Damage

[Material has a reduced likelihood for damage based on the current condition of the material and the school's O&M practices and preventative measures that have been taken to reduce the potential for damage or the material is in an area not readily accessible by building occupants such as behind walls and above ceilings.]

RESPONSE ACTION NUMBER: 2

1. FOR THERMAL SYSTEM INSULATION MATERIALS: Immediately isolate the functional space(s) which is significantly damaged and restrict access if needed. Repair all damaged materials in the functional space(s). If it is not feasible to repair, remove the damaged materials.  
FOR SURFACING AND MISCELLANEOUS MATERIALS: Immediately isolate the functional space(s) which is significantly damaged and restrict access. Remove all damaged materials in the functional space, unless enclosure or encapsulation is sufficient to contain fibers.  
FOR ALL ACM NOT REMOVED: Maintain ACM in good condition under O&M program.
2. Take preventative measures to reduce potential for significant damage. If preventative measures cannot be effectively implemented, isolate the area until the material can be removed, enclosed, encapsulated or repaired to correct damage. Maintain ACM in good condition under O&M program.
3. Take preventative measures to reduce likelihood further damage will occur. Remove, enclose, encapsulate or repair to correct damage. Maintain ACM in good condition under O&M program.
4. Remove, enclose, encapsulate or repair to correct damage. Maintain ACM in good condition under O&M program.
5. Take preventative measures to reduce potential for significant damage. If preventative measures cannot be effectively implemented, response actions other than O&M, including area isolation, may be required. Maintain ACM in good condition under O&M program.
6. Take preventative measures to reduce likelihood that damage will occur. Maintain ACM in good condition under O&M program.
7. Maintain ACM in good condition under O&M program.

Note: An O&M program may include enclosure and encapsulation where appropriate to increase the effectiveness of O&M.

Response actions (1-7) above indicates **priority** for removal.

**The Management Planner inference for damage (or potential damage) may be different from Inspector's responses.**



# HAZARD ASSESSMENT & RESPONSE ACTION DETERMINATION Thermal System Insulation & Friable Surfacing & Miscellaneous Materials

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

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

## HEALTH AND SAFETY MEASURES:

Damaged pipe fitting material needs to be repaired as soon as possible in areas of direct contact with building occupants. Damaged pipe fittings become friable with the potential for fiber release. If damaged material is exposed to continued disturbance, removal or permanent enclosure are the only options. Special precautions, such as not leaning items against the material, should be taken. Any damage should be repaired within one year.

## COST ESTIMATES FOR AREA:

Repair: \$ <1,500.00  
Operations & Maintenance program per year: \$ <1,000.00

Note: The estimate does not include replacement of materials in affected areas. Also, price is based on local contractor's prices and does not reflect actual price. Actual price is determined after bidding process is complete.

**Removal is always an option under AHERA regulations.**

Enclosure and Encapsulation are initially less costly, but **total removal** is most cost effective over time.

INSPECTOR: **Pete Altieri**  
IDPH LICENSE#: **100-06641**  
INSPECTION DATE: **2/10/2004**  
MANAGEMENT PLANNER: **Jerry L. Wilson**  
IDPH LICENSE#: **100-01338**  
REVIEW DATE: **3/15/2004**



# HAZARD ASSESSMENT & RESPONSE ACTION DETERMINATION

## Thermal System Insulation & Friable Surfacing & Miscellaneous Materials

SCHOOL NAME: Wiley Elementary School  
ID NUMBER: 09-010-1160-22-2013  
BUILDING: 1954 Addition

PAGE 1 OF 2  
SAMPLE AREA ID: 3DZ  
SAMPLE AREA DESCRIPTION: Domestic Water Line Pipe Insulation

### HAZARD ASSESSMENT:

This area is assumed to contain asbestos. Removal or repair of the material should only be done by EPA/AHERA accredited, IDPH licensed asbestos workers. Per the inspector's assessment, this material is **damaged**.

Per typical building layouts and previous experience, I, the management planner, have deemed the disturbance factor to be **high**. A disturbance factor is based on the accessibility of the material, activity levels, vibration, and air erosion in the area where the material is located.

It is anticipated that there is air flow in the building.

There is potential for fiber releases where the material is disturbed. Any damage must be repaired within one year.

### POTENTIAL DAMAGE CLASS:

X -Not Applicable

[Material is already damaged or significantly damaged.]

-Potential Significant Damage

[Material is in an area regularly used by building occupants, including maintenance personnel, in the course of their normal activities. There are indications that there is a reasonable likelihood that the material or its covering will become *significantly damaged*, deteriorated, or delaminated due to factors such as changes in building use, changes in operations and maintenance practices, changes in occupancy, or recurrent damage. The material is subject to major or continuing disturbance, due to factors including but not limited to accessibility or, under certain circumstances, vibration or air erosion.]

-Potential Damage

[Material is in an area regularly used by building occupants, including maintenance personnel, in the course of their normal activities. There are indications that there is a reasonable likelihood that the material or its covering will become *damaged*, deteriorated, or delaminated due to factors such as changes in building use, changes in operations and maintenance practices, changes in occupancy, or recurrent damage.]

-Low Potential Damage

[Material has a reduced likelihood for damage based on the current condition of the material and the school's O&M practices and preventative measures that have been taken to reduce the potential for damage or the material is in an area not readily accessible by building occupants such as behind walls and above ceilings.]

RESPONSE ACTION NUMBER: 2

1. FOR THERMAL SYSTEM INSULATION MATERIALS: Immediately isolate the functional space(s) which is significantly damaged and restrict access if needed. Repair all damaged materials in the functional space(s). If it is not feasible to repair, remove the damaged materials.  
FOR SURFACING AND MISCELLANEOUS MATERIALS: Immediately isolate the functional space(s) which is significantly damaged and restrict access. Remove all damaged materials in the functional space, unless enclosure or encapsulation is sufficient to contain fibers.  
FOR ALL ACM NOT REMOVED: Maintain ACM in good condition under O&M program.
2. Take preventative measures to reduce potential for significant damage. If preventative measures cannot be effectively implemented, isolate the area until the material can be removed, enclosed, encapsulated or repaired to correct damage. Maintain ACM in good condition under O&M program.
3. Take preventative measures to reduce likelihood further damage will occur. Remove, enclose, encapsulate or repair to correct damage. Maintain ACM in good condition under O&M program.
4. Remove, enclose, encapsulate or repair to correct damage. Maintain ACM in good condition under O&M program.
5. Take preventative measures to reduce potential for significant damage. If preventative measures cannot be effectively implemented, response actions other than O&M, including area isolation, may be required. Maintain ACM in good condition under O&M program.
6. Take preventative measures to reduce likelihood that damage will occur. Maintain ACM in good condition under O&M program.
7. Maintain ACM in good condition under O&M program.

Note: An O&M program may include enclosure and encapsulation where appropriate to increase the effectiveness of O&M.

Response actions (1-7) above indicates **priority** for removal.

**The Management Planner inference for damage (or potential damage) may be different from Inspector's responses.**



# HAZARD ASSESSMENT & RESPONSE ACTION DETERMINATION Thermal System Insulation & Friable Surfacing & Miscellaneous Materials

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

PAGE 2 OF 2  
SAMPLE AREA ID: 3DZ

### HEALTH AND SAFETY MEASURES:

Damaged pipe covering material needs to be repaired as soon as possible in areas of direct contact with building occupants. Damaged pipe coverings become friable with the potential for fiber release. If damaged material is exposed to continued disturbance, removal or permanent enclosure are the only options. Special precautions, such as not leaning items against the material, should be taken. Any damage should be repaired within one year.

### COST ESTIMATES FOR AREA:

Repair:	\$	<1,500.00
Operations & Maintenance program per year:	\$	<1,000.00

Note: The estimate does not include replacement of materials in affected areas. Also, price is based on local contractor's prices and does not reflect actual price. Actual price is determined after bidding process is complete.

**Removal is always an option under AHERA regulations.**

Enclosure and Encapsulation are initially less costly, but **total removal** is most cost effective over time.

<u>INSPECTOR:</u>	<b>Pete Altieri</b>
IDPH LICENSE#:	<b>100-06641</b>
INSPECTION DATE:	<b>2/10/2004</b>
<u>MANAGEMENT PLANNER:</u>	<b>Jerry L. Wilson</b>
IDPH LICENSE#:	<b>100-01338</b>
REVIEW DATE:	<b>3/15/2004</b>



# HAZARD ASSESSMENT & RESPONSE ACTION DETERMINATION

## Thermal System Insulation & Friable Surfacing & Miscellaneous Materials

SCHOOL NAME: Wiley Elementary School  
ID NUMBER: 09-010-1160-22-2013  
BUILDING: 1951 Original

PAGE 1 OF 2  
SAMPLE AREA ID: 1B  
SAMPLE AREA DESCRIPTION: Heat System Fittings

### HAZARD ASSESSMENT:

This area **contains** asbestos. Removal or repair of the material should only be done by EPA/AHERA accredited, IDPH licensed asbestos workers. This material is assumed to be **damaged** in inaccessible areas of the building.

Per typical building layouts and previous experience, I, the management planner, have deemed the disturbance factor to be **low**. A disturbance factor is based on the accessibility of the material, activity levels, vibration, and air erosion in the area where the material is located.

It is anticipated that there is no air flow in the inaccessible areas of the building.

There is potential for fiber releases where the material is disturbed. Any damage must be repaired within one year.

### POTENTIAL DAMAGE CLASS:

**X** -Not Applicable

[Material is already damaged or significantly damaged.]

-Potential Significant Damage

[Material is in an area regularly used by building occupants, including maintenance personnel, in the course of their normal activities. There are indications that there is a reasonable likelihood that the material or its covering will become *significantly damaged*, deteriorated, or delaminated due to factors such as changes in building use, changes in operations and maintenance practices, changes in occupancy, or recurrent damage. The material is subject to major or continuing disturbance, due to factors including but not limited to accessibility or, under certain circumstances, vibration or air erosion.]

-Potential Damage

[Material is in an area regularly used by building occupants, including maintenance personnel, in the course of their normal activities. There are indications that there is a reasonable likelihood that the material or its covering will become *damaged*, deteriorated, or delaminated due to factors such as changes in building use, changes in operations and maintenance practices, changes in occupancy, or recurrent damage.]

-Low Potential Damage

[Material has a reduced likelihood for damage based on the current condition of the material and the school's O&M practices and preventative measures that have been taken to reduce the potential for damage or the material is in an area not readily accessible by building occupants such as behind walls and above ceilings.]

RESPONSE ACTION NUMBER:                                4          

1. FOR THERMAL SYSTEM INSULATION MATERIALS: Immediately isolate the functional space(s) which is significantly damaged and restrict access if needed. Repair all damaged materials in the functional space(s). If it is not feasible to repair, remove the damaged materials.  
FOR SURFACING AND MISCELLANEOUS MATERIALS: Immediately isolate the functional space(s) which is significantly damaged and restrict access. Remove all damaged materials in the functional space, unless enclosure or encapsulation is sufficient to contain fibers.  
FOR ALL ACM NOT REMOVED: Maintain ACM in good condition under O&M program.
2. Take preventative measures to reduce potential for significant damage. If preventative measures cannot be effectively implemented, isolate the area until the material can be removed, enclosed, encapsulated or repaired to correct damage. Maintain ACM in good condition under O&M program.
3. Take preventative measures to reduce likelihood further damage will occur. Remove, enclose, encapsulate or repair to correct damage. Maintain ACM in good condition under O&M program.
4. Remove, enclose, encapsulate or repair to correct damage. Maintain ACM in good condition under O&M program.
5. Take preventative measures to reduce potential for significant damage. If preventative measures cannot be effectively implemented, response actions other than O&M, including area isolation, may be required. Maintain ACM in good condition under O&M program.
6. Take preventative measures to reduce likelihood that damage will occur. Maintain ACM in good condition under O&M program.
7. Maintain ACM in good condition under O&M program.

Note: An O&M program may include enclosure and encapsulation where appropriate to increase the effectiveness of O&M.

Response actions (1-7) above indicates **priority** for removal.

**The Management Planner inference for damage (or potential damage) may be different from Inspector's responses.**



# HAZARD ASSESSMENT & RESPONSE ACTION DETERMINATION Thermal System Insulation & Friable Surfacing & Miscellaneous Materials

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

PAGE 2 OF 2  
SAMPLE AREA ID: **1B**

### HEALTH AND SAFETY MEASURES:

Damaged pipe fitting material needs to be repaired as soon as possible in areas of direct contact with building occupants. Damaged pipe fittings become friable with the potential for fiber release. If damaged material is exposed to continued disturbance, removal or permanent enclosure are the only options. Special precautions, such as not leaning items against the material, should be taken. Any damage should be repaired within one year.

### RECOMMENDATIONS & COST ESTIMATES FOR AREA:

Ensure care is taken if accessing areas where material is likely to be found, such as above ceilings and behind walls.

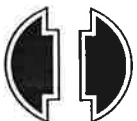
Operations & Maintenance program per year:                      \$    Not applicable (material is not accessible)

Note: The estimate does not include replacement of materials in affected areas. Also, price is based on local contractor's prices and does not reflect actual price. Actual price is determined after bidding process is complete.

### **Removal is always an option under AHERA regulations.**

Enclosure and Encapsulation are initially less costly, but **total removal** is most cost effective over time.

<u>INSPECTOR:</u>	<b>Pete Altieri</b>
IDPH LICENSE#:	<b>100-06641</b>
INSPECTION DATE:	<b>2/10/2004</b>
<u>MANAGEMENT PLANNER:</u>	<b>Jerry L. Wilson</b>
IDPH LICENSE#:	<b>100-01338</b>
REVIEW DATE:	<b>3/15/2004</b>



# HAZARD ASSESSMENT & RESPONSE ACTION DETERMINATION

## Thermal System Insulation & Friable Surfacing & Miscellaneous Materials

SCHOOL NAME: **Wiley Elementary School**  
ID NUMBER: **09-010-1160-22-2013**  
BUILDING: **1951 Original**

PAGE 1 OF 2  
SAMPLE AREA ID: **1BZ**

SAMPLE AREA DESCRIPTION: **Domestic Water Line Pipe Insulation**

### HAZARD ASSESSMENT:

This area is **assumed to contain** asbestos. Removal or repair of the material should only be done by EPA/AHERA accredited, IDPH licensed asbestos workers. This material is assumed to be **damaged** in inaccessible areas of the building.

Per typical building layouts and previous experience, I, the management planner, have deemed the disturbance factor to be **low**. A disturbance factor is based on the accessibility of the material, activity levels, vibration, and air erosion in the area where the material is located.

It is anticipated that there is no air flow in the inaccessible areas of the building.

There is potential for fiber releases where the material is disturbed. Any damage must be repaired within one year.

### POTENTIAL DAMAGE CLASS:

**X** -Not Applicable

[Material is already damaged or significantly damaged.]

-Potential Significant Damage

[Material is in an area regularly used by building occupants, including maintenance personnel, in the course of their normal activities. There are indications that there is a reasonable likelihood that the material or its covering will become *significantly damaged*, deteriorated, or delaminated due to factors such as changes in building use, changes in operations and maintenance practices, changes in occupancy, or recurrent damage. The material is subject to major or continuing disturbance, due to factors including but not limited to accessibility or, under certain circumstances, vibration or air erosion.]

-Potential Damage

[Material is in an area regularly used by building occupants, including maintenance personnel, in the course of their normal activities. There are indications that there is a reasonable likelihood that the material or its covering will become *damaged*, deteriorated, or delaminated due to factors such as changes in building use, changes in operations and maintenance practices, changes in occupancy, or recurrent damage.]

-Low Potential Damage

[Material has a reduced likelihood for damage based on the current condition of the material and the school's O&M practices and preventative measures that have been taken to reduce the potential for damage or the material is in an area not readily accessible by building occupants such as behind walls and above ceilings.]

RESPONSE ACTION NUMBER:                                4          

1. **FOR THERMAL SYSTEM INSULATION MATERIALS:** Immediately isolate the functional space(s) which is significantly damaged and restrict access if needed. Repair all damaged materials in the functional space(s). If it is not feasible to repair, remove the damaged materials.  
**FOR SURFACING AND MISCELLANEOUS MATERIALS:** Immediately isolate the functional space(s) which is significantly damaged **and restrict access**. Remove all damaged materials in the functional space, unless enclosure or encapsulation is sufficient to contain fibers.  
**FOR ALL ACM NOT REMOVED:** Maintain ACM in good condition under O&M program.
2. Take preventative measures to reduce potential for significant damage. If preventative measures cannot be effectively implemented, isolate the area until the material can be removed, enclosed, encapsulated or repaired to correct damage. Maintain ACM in good condition under O&M program.
3. Take preventative measures to reduce likelihood further damage will occur. Remove, enclose, encapsulate or repair to correct damage. Maintain ACM in good condition under O&M program.
4. Remove, enclose, encapsulate or repair to correct damage. Maintain ACM in good condition under O&M program.
5. Take preventative measures to reduce potential for significant damage. If preventative measures cannot be effectively implemented, response actions other than O&M, including area isolation, may be required. Maintain ACM in good condition under O&M program.
6. Take preventative measures to reduce likelihood that damage will occur. Maintain ACM in good condition under O&M program.
7. Maintain ACM in good condition under O&M program.

Note: An O&M program may include enclosure and encapsulation where appropriate to increase the effectiveness of O&M.

Response actions (1-7) above indicates **priority** for removal.

**The Management Planner inference for damage (or potential damage) may be different from Inspector's responses.**



# HAZARD ASSESSMENT & RESPONSE ACTION DETERMINATION Thermal System Insulation & Friable Surfacing & Miscellaneous Materials

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

PAGE 2 OF 2  
SAMPLE AREA ID: **1BZ**

## HEALTH AND SAFETY MEASURES:

Damaged pipe covering material needs to be repaired as soon as possible in areas of direct contact with building occupants. Damaged pipe coverings become friable with the potential for fiber release. If damaged material is exposed to continued disturbance, removal or permanent enclosure are the only options. Special precautions, such as not leaning items against the material, should be taken. Any damage should be repaired within one year.

## RECOMMENDATIONS & COST ESTIMATES FOR AREA:

Ensure care is taken if accessing areas where material is likely to be found, such as above ceilings and behind walls.

Operations & Maintenance program per year: \$ Not applicable (material is not accessible)

Note: The estimate does not include replacement of materials in affected areas. Also, price is based on local contractor's prices and does not reflect actual price. Actual price is determined after bidding process is complete.

**Removal is always an option under AHERA regulations.**

Enclosure and Encapsulation are initially less costly, but **total removal** is most cost effective over time.

INSPECTOR: **Pete Altieri**  
IDPH LICENSE#: **100-06641**  
INSPECTION DATE: **2/10/2004**  
MANAGEMENT PLANNER: **Jerry L. Wilson**  
IDPH LICENSE#: **100-01338**  
REVIEW DATE: **3/15/2004**





# HAZARD ASSESSMENT & RESPONSE ACTION DETERMINATION

## Thermal System Insulation & Friable Surfacing & Miscellaneous Materials

SCHOOL NAME: Wiley Elementary School  
ID NUMBER: 09-010-1160-22-2013  
BUILDING: 1951 Original

PAGE 1 OF 2  
SAMPLE AREA ID: 1C  
SAMPLE AREA DESCRIPTION: Heat System Pipe Insulation

### HAZARD ASSESSMENT:

This area **contains** asbestos. Removal or repair of the material should only be done by EPA/AHERA accredited, IDPH licensed asbestos workers. This material is assumed to be **damaged** in inaccessible areas of the building.

Per typical building layouts and previous experience, I, the management planner, have deemed the disturbance factor to be **low**. A disturbance factor is based on the accessibility of the material, activity levels, vibration, and air erosion in the area where the material is located.

It is anticipated that there is no air flow in the inaccessible areas of the building.

There is potential for fiber releases where the material is disturbed. Any damage must be repaired within one year.

### POTENTIAL DAMAGE CLASS:

**X** -Not Applicable

[Material is already damaged or significantly damaged.]

-Potential Significant Damage

[Material is in an area regularly used by building occupants, including maintenance personnel, in the course of their normal activities. There are indications that there is a reasonable likelihood that the material or its covering will become *significantly damaged*, deteriorated, or delaminated due to factors such as changes in building use, changes in operations and maintenance practices, changes in occupancy, or recurrent damage. The material is subject to major or continuing disturbance, due to factors including but not limited to accessibility or, under certain circumstances, vibration or air erosion.]

-Potential Damage

[Material is in an area regularly used by building occupants, including maintenance personnel, in the course of their normal activities. There are indications that there is a reasonable likelihood that the material or its covering will become *damaged*, deteriorated, or delaminated due to factors such as changes in building use, changes in operations and maintenance practices, changes in occupancy, or recurrent damage.]

-Low Potential Damage

[Material has a reduced likelihood for damage based on the current condition of the material and the school's O&M practices and preventative measures that have been taken to reduce the potential for damage or the material is in an area not readily accessible by building occupants such as behind walls and above ceilings.]

RESPONSE ACTION NUMBER:                    4

1. FOR THERMAL SYSTEM INSULATION MATERIALS: Immediately isolate the functional space(s) which is significantly damaged and restrict access if needed. Repair all damaged materials in the functional space(s). If it is not feasible to repair, remove the damaged materials.  
FOR SURFACING AND MISCELLANEOUS MATERIALS: Immediately isolate the functional space(s) which is significantly damaged and restrict access. Remove all damaged materials in the functional space, unless enclosure or encapsulation is sufficient to contain fibers.  
FOR ALL ACM NOT REMOVED: Maintain ACM in good condition under O&M program.
2. Take preventative measures to reduce potential for significant damage. If preventative measures cannot be effectively implemented, isolate the area until the material can be removed, enclosed, encapsulated or repaired to correct damage. Maintain ACM in good condition under O&M program.
3. Take preventative measures to reduce likelihood further damage will occur. Remove, enclose, encapsulate or repair to correct damage. Maintain ACM in good condition under O&M program.
4. Remove, enclose, encapsulate or repair to correct damage. Maintain ACM in good condition under O&M program.
5. Take preventative measures to reduce potential for significant damage. If preventative measures cannot be effectively implemented, response actions other than O&M, including area isolation, may be required. Maintain ACM in good condition under O&M program.
6. Take preventative measures to reduce likelihood that damage will occur. Maintain ACM in good condition under O&M program.
7. Maintain ACM in good condition under O&M program.

Note: An O&M program may include enclosure and encapsulation where appropriate to increase the effectiveness of O&M.

Response actions (1-7) above indicates **priority** for removal.

**The Management Planner inference for damage (or potential damage) may be different from Inspector's responses.**



# HAZARD ASSESSMENT & RESPONSE ACTION DETERMINATION Thermal System Insulation & Friable Surfacing & Miscellaneous Materials

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

PAGE 2 OF 2  
SAMPLE AREA ID: 1C

## HEALTH AND SAFETY MEASURES:

Damaged pipe covering material needs to be repaired as soon as possible in areas of direct contact with building occupants. Damaged pipe coverings become friable with the potential for fiber release. If damaged material is exposed to continued disturbance, removal or permanent enclosure are the only options. Special precautions, such as not leaning items against the material, should be taken. Any damage should be repaired within one year.

## RECOMMENDATIONS & COST ESTIMATES FOR AREA:

Ensure care is taken if accessing areas where material is likely to be found, such as above ceilings and behind walls.

Operations & Maintenance program per year:                      \$ Not applicable (material is not accessible)

Note: The estimate does not include replacement of materials in affected areas. Also, price is based on local contractor's prices and does not reflect actual price. Actual price is determined after bidding process is complete.

**Removal is always an option under AHERA regulations.**

Enclosure and Encapsulation are initially less costly, but **total removal** is most cost effective over time.

<u>INSPECTOR:</u>	<b>Pete Altieri</b>
IDPH LICENSE#:	<b>100-06641</b>
INSPECTION DATE:	<b>2/10/2004</b>
<u>MANAGEMENT PLANNER:</u>	<b>Jerry L. Wilson</b>
IDPH LICENSE#:	<b>100-01338</b>
REVIEW DATE:	<b>3/15/2004</b>



# HAZARD ASSESSMENT & RESPONSE ACTION DETERMINATION

## Thermal System Insulation & Friable Surfacing & Miscellaneous Materials

SCHOOL NAME: Wiley Elementary School  
ID NUMBER: 09-010-1160-22-2013  
BUILDING: 1951 Original

PAGE 1 OF 2  
SAMPLE AREA ID: 1E  
SAMPLE AREA DESCRIPTION: Domestic Water Line Fitting Insulation

### HAZARD ASSESSMENT:

This area **contains** asbestos. Removal or repair of the material should only be done by EPA/AHERA accredited, IDPH licensed asbestos workers. This material is assumed to be **damaged** in inaccessible areas of the building.

Per typical building layouts and previous experience, I, the management planner, have deemed the disturbance factor to be **low**. A disturbance factor is based on the accessibility of the material, activity levels, vibration, and air erosion in the area where the material is located.

It is anticipated that there is no air flow in the inaccessible areas of the building.

There is potential for fiber releases where the material is disturbed. Any damage must be repaired within one year.

### POTENTIAL DAMAGE CLASS:

X -Not Applicable

[Material is already damaged or significantly damaged.]

-Potential Significant Damage

[Material is in an area regularly used by building occupants, including maintenance personnel, in the course of their normal activities. There are indications that there is a reasonable likelihood that the material or its covering will become *significantly damaged*, deteriorated, or delaminated due to factors such as changes in building use, changes in operations and maintenance practices, changes in occupancy, or recurrent damage. The material is subject to major or continuing disturbance, due to factors including but not limited to accessibility or, under certain circumstances, vibration or air erosion.]

-Potential Damage

[Material is in an area regularly used by building occupants, including maintenance personnel, in the course of their normal activities. There are indications that there is a reasonable likelihood that the material or its covering will become *damaged*, deteriorated, or delaminated due to factors such as changes in building use, changes in operations and maintenance practices, changes in occupancy, or recurrent damage.]

-Low Potential Damage

[Material has a reduced likelihood for damage based on the current condition of the material and the school's O&M practices and preventative measures that have been taken to reduce the potential for damage or the material is in an area not readily accessible by building occupants such as behind walls and above ceilings.]

RESPONSE ACTION NUMBER: 4

1. FOR THERMAL SYSTEM INSULATION MATERIALS: Immediately isolate the functional space(s) which is significantly damaged and restrict access if needed. Repair all damaged materials in the functional space(s). If it is not feasible to repair, remove the damaged materials.  
FOR SURFACING AND MISCELLANEOUS MATERIALS: Immediately isolate the functional space(s) which is significantly damaged and restrict access. Remove all damaged materials in the functional space, unless enclosure or encapsulation is sufficient to contain fibers.  
FOR ALL ACM NOT REMOVED: Maintain ACM in good condition under O&M program.
2. Take preventative measures to reduce potential for significant damage. If preventative measures cannot be effectively implemented, isolate the area until the material can be removed, enclosed, encapsulated or repaired to correct damage. Maintain ACM in good condition under O&M program.
3. Take preventative measures to reduce likelihood further damage will occur. Remove, enclose, encapsulate or repair to correct damage. Maintain ACM in good condition under O&M program.
4. Remove, enclose, encapsulate or repair to correct damage. Maintain ACM in good condition under O&M program.
5. Take preventative measures to reduce potential for significant damage. If preventative measures cannot be effectively implemented, response actions other than O&M, including area isolation, may be required. Maintain ACM in good condition under O&M program.
6. Take preventative measures to reduce likelihood that damage will occur. Maintain ACM in good condition under O&M program.
7. Maintain ACM in good condition under O&M program.

Note: An O&M program may include enclosure and encapsulation where appropriate to increase the effectiveness of O&M.

Response actions (1-7) above indicates **priority** for removal.

**The Management Planner inference for damage (or potential damage) may be different from Inspector's responses.**



# HAZARD ASSESSMENT & RESPONSE ACTION DETERMINATION Thermal System Insulation & Friable Surfacing & Miscellaneous Materials

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

PAGE 2 OF 2  
SAMPLE AREA ID: **1E**

## HEALTH AND SAFETY MEASURES:

Damaged pipe fitting material needs to be repaired as soon as possible in areas of direct contact with building occupants. Damaged pipe fittings become friable with the potential for fiber release. If damaged material is exposed to continued disturbance, removal or permanent enclosure are the only options. Special precautions, such as not leaning items against the material, should be taken. Any damage should be repaired within one year.

## RECOMMENDATIONS & COST ESTIMATES FOR AREA:

Ensure care is taken if accessing areas where material is likely to be found, such as above ceilings and behind walls.

Operations & Maintenance program per year: \$ Not applicable (material is not accessible)

Note: The estimate does not include replacement of materials in affected areas. Also, price is based on local contractor's prices and does not reflect actual price. Actual price is determined after bidding process is complete.

## **Removal is always an option under AHERA regulations.**

Enclosure and Encapsulation are initially less costly, but **total removal** is most cost effective over time.

INSPECTOR: **Pete Altieri**  
IDPH LICENSE#: **100-06641**  
INSPECTION DATE: **2/10/2004**  
MANAGEMENT PLANNER: **Jerry L. Wilson**  
IDPH LICENSE#: **100-01338**  
REVIEW DATE: **3/15/2004**



# HAZARD ASSESSMENT & RESPONSE ACTION DETERMINATION

## Thermal System Insulation & Friable Surfacing & Miscellaneous Materials

SCHOOL NAME: Wiley Elementary School  
ID NUMBER: 09-010-1160-22-2013  
BUILDING: 1951 Original

PAGE 1 OF 2  
SAMPLE AREA ID: 2B  
SAMPLE AREA DESCRIPTION: Heat System Pipe Insulation

### HAZARD ASSESSMENT:

This area **contains** asbestos. Removal or repair of the material should only be done by EPA/AHERA accredited, IDPH licensed asbestos workers. Per the inspector's assessment, this material is **damaged**.

Per typical building layouts and previous experience, I, the management planner, have deemed the disturbance factor to be **low**. A disturbance factor is based on the accessibility of the material, activity levels, vibration, and air erosion in the area where the material is located.

It is anticipated that there is no air flow above the ceilings by the stage.

There is potential for fiber releases where the material is disturbed. Any damage must be repaired within one year.

### POTENTIAL DAMAGE CLASS:

**X** -Not Applicable

[Material is already damaged or significantly damaged.]

-Potential Significant Damage

[Material is in an area regularly used by building occupants, including maintenance personnel, in the course of their normal activities. There are indications that there is a reasonable likelihood that the material or its covering will become *significantly damaged*, deteriorated, or delaminated due to factors such as changes in building use, changes in operations and maintenance practices, changes in occupancy, or recurrent damage. The material is subject to major or continuing disturbance, due to factors including but not limited to accessibility or, under certain circumstances, vibration or air erosion.]

-Potential Damage

[Material is in an area regularly used by building occupants, including maintenance personnel, in the course of their normal activities. There are indications that there is a reasonable likelihood that the material or its covering will become *damaged*, deteriorated, or delaminated due to factors such as changes in building use, changes in operations and maintenance practices, changes in occupancy, or recurrent damage.]

-Low Potential Damage

[Material has a reduced likelihood for damage based on the current condition of the material and the school's O&M practices and preventative measures that have been taken to reduce the potential for damage or the material is in an area not readily accessible by building occupants such as behind walls and above ceilings.]

RESPONSE ACTION NUMBER:                      4

1. FOR THERMAL SYSTEM INSULATION MATERIALS: Immediately isolate the functional space(s) which is significantly damaged and restrict access if needed. Repair all damaged materials in the functional space(s). If it is not feasible to repair, remove the damaged materials.  
FOR SURFACING AND MISCELLANEOUS MATERIALS: Immediately isolate the functional space(s) which is significantly damaged and restrict access. Remove all damaged materials in the functional space, unless enclosure or encapsulation is sufficient to contain fibers.  
FOR ALL ACM NOT REMOVED: Maintain ACM in good condition under O&M program.
2. Take preventative measures to reduce potential for significant damage. If preventative measures cannot be effectively implemented, isolate the area until the material can be removed, enclosed, encapsulated or repaired to correct damage. Maintain ACM in good condition under O&M program.
3. Take preventative measures to reduce likelihood further damage will occur. Remove, enclose, encapsulate or repair to correct damage. Maintain ACM in good condition under O&M program.
4. Remove, enclose, encapsulate or repair to correct damage. Maintain ACM in good condition under O&M program.
5. Take preventative measures to reduce potential for significant damage. If preventative measures cannot be effectively implemented, response actions other than O&M, including area isolation, may be required. Maintain ACM in good condition under O&M program.
6. Take preventative measures to reduce likelihood that damage will occur. Maintain ACM in good condition under O&M program.
7. Maintain ACM in good condition under O&M program.

Note: An O&M program may include enclosure and encapsulation where appropriate to increase the effectiveness of O&M.

Response actions (1-7) above indicates **priority** for removal.

**The Management Planner inference for damage (or potential damage) may be different from Inspector's responses.**



# HAZARD ASSESSMENT & RESPONSE ACTION DETERMINATION Thermal System Insulation & Friable Surfacing & Miscellaneous Materials

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

PAGE 2 OF 2  
SAMPLE AREA ID: **2B**

### HEALTH AND SAFETY MEASURES:

Damaged pipe covering material needs to be repaired as soon as possible in areas of direct contact with building occupants. Damaged pipe coverings become friable with the potential for fiber release. If damaged material is exposed to continued disturbance, removal or permanent enclosure are the only options. Special precautions, such as not leaning items against the material, should be taken. Any damage should be repaired within one year.

### RECOMMENDATIONS & COST ESTIMATES FOR AREA:

Ensure care is taken if accessing area above ceilings where material is found.

Repair:	\$	<1,500.00
Operations & Maintenance program per year:	\$	<1,000.00

Note: The estimate does not include replacement of materials in affected areas. Also, price is based on local contractor's prices and does not reflect actual price. Actual price is determined after bidding process is complete.

**Removal is always an option under AHERA regulations.**

Enclosure and Encapsulation are initially less costly, but **total removal** is most cost effective over time.

<u>INSPECTOR:</u>	<b>Pete Altieri</b>
IDPH LICENSE#:	<b>100-06641</b>
INSPECTION DATE:	<b>2/10/2004</b>
<u>MANAGEMENT PLANNER:</u>	<b>Jerry L. Wilson</b>
IDPH LICENSE#:	<b>100-01338</b>
REVIEW DATE:	<b>3/15/2004</b>



# HAZARD ASSESSMENT & RESPONSE ACTION DETERMINATION

## Thermal System Insulation & Friable Surfacing & Miscellaneous Materials

SCHOOL NAME: **Wiley Elementary School**  
ID NUMBER: **09-010-1160-22-2013**  
BUILDING: **1951 Original**

PAGE 1 OF 2  
SAMPLE AREA ID: 2E

SAMPLE AREA DESCRIPTION: **Domestic Water Line Fitting Insulation**

### HAZARD ASSESSMENT:

This area **contains** asbestos. Removal or repair of the material should only be done by EPA/AHERA accredited, IDPH licensed asbestos workers. This material is assumed to be **damaged** in inaccessible areas of the building.

Per typical building layouts and previous experience, I, the management planner, have deemed the disturbance factor to be **low**. A disturbance factor is based on the accessibility of the material, activity levels, vibration, and air erosion in the area where the material is located.

It is anticipated that there is no air flow in the inaccessible areas of the building.

There is potential for fiber releases where the material is disturbed. Any damage must be repaired within one year.

### POTENTIAL DAMAGE CLASS:

**X** -Not Applicable

[Material is already damaged or significantly damaged.]

-Potential Significant Damage

[Material is in an area regularly used by building occupants, including maintenance personnel, in the course of their normal activities. There are indications that there is a reasonable likelihood that the material or its covering will become *significantly damaged*, deteriorated, or delaminated due to factors such as changes in building use, changes in operations and maintenance practices, changes in occupancy, or recurrent damage. The material is subject to major or continuing disturbance, due to factors including but not limited to accessibility or, under certain circumstances, vibration or air erosion.]

-Potential Damage

[Material is in an area regularly used by building occupants, including maintenance personnel, in the course of their normal activities. There are indications that there is a reasonable likelihood that the material or its covering will become *damaged*, deteriorated, or delaminated due to factors such as changes in building use, changes in operations and maintenance practices, changes in occupancy, or recurrent damage.]

-Low Potential Damage

[Material has a reduced likelihood for damage based on the current condition of the material and the school's O&M practices and preventative measures that have been taken to reduce the potential for damage or the material is in an area not readily accessible by building occupants such as behind walls and above ceilings.]

RESPONSE ACTION NUMBER:                              4          

1.    **FOR THERMAL SYSTEM INSULATION MATERIALS:** Immediately isolate the functional space(s) which is significantly damaged and restrict access if needed. Repair all damaged materials in the functional space(s). If it is not feasible to repair, remove the damaged materials.  
      **FOR SURFACING AND MISCELLANEOUS MATERIALS:** Immediately isolate the functional space(s) which is significantly damaged and restrict access. Remove all damaged materials in the functional space, unless enclosure or encapsulation is sufficient to contain fibers.  
      **FOR ALL ACM NOT REMOVED:** Maintain ACM in good condition under O&M program.
2.    Take preventative measures to reduce potential for significant damage. If preventative measures cannot be effectively implemented, isolate the area until the material can be removed, enclosed, encapsulated or repaired to correct damage. Maintain ACM in good condition under O&M program.
3.    Take preventative measures to reduce likelihood further damage will occur. Remove, enclose, encapsulate or repair to correct damage. Maintain ACM in good condition under O&M program.
4.    Remove, enclose, encapsulate or repair to correct damage. Maintain ACM in good condition under O&M program.
5.    Take preventative measures to reduce potential for significant damage. If preventative measures cannot be effectively implemented, response actions other than O&M, including area isolation, may be required. Maintain ACM in good condition under O&M program.
6.    Take preventative measures to reduce likelihood that damage will occur. Maintain ACM in good condition under O&M program.
7.    Maintain ACM in good condition under O&M program.

Note: An O&M program may include enclosure and encapsulation where appropriate to increase the effectiveness of O&M.

Response actions (1-7) above indicates **priority** for removal.

**The Management Planner inference for damage (or potential damage) may be different from Inspector's responses.**



# HAZARD ASSESSMENT & RESPONSE ACTION DETERMINATION

## Thermal System Insulation & Friable Surfacing & Miscellaneous Materials

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

PAGE 2 OF 2  
SAMPLE AREA ID: 2E

### HEALTH AND SAFETY MEASURES:

Damaged pipe fitting material needs to be repaired as soon as possible in areas of direct contact with building occupants. Damaged pipe fittings become friable with the potential for fiber release. If damaged material is exposed to continued disturbance, removal or permanent enclosure are the only options. Special precautions, such as not leaning items against the material, should be taken. Any damage should be repaired within one year.

### RECOMMENDATIONS & COST ESTIMATES FOR AREA:

Ensure care is taken if accessing areas where material is likely to be found, such as above ceilings and behind walls.

Operations & Maintenance program per year:                      \$ Not applicable (material is not accessible)

Note: The estimate does not include replacement of materials in affected areas. Also, price is based on local contractor's prices and does not reflect actual price. Actual price is determined after bidding process is complete.

**Removal is always an option under AHERA regulations.**

Enclosure and Encapsulation are initially less costly, but **total removal** is most cost effective over time.

<u>INSPECTOR:</u>	<b>Pete Altieri</b>
IDPH LICENSE#:	<b>100-06641</b>
INSPECTION DATE:	<b>2/10/2004</b>
<u>MANAGEMENT PLANNER:</u>	<b>Jerry L. Wilson</b>
IDPH LICENSE#:	<b>100-01338</b>
REVIEW DATE:	<b>3/15/2004</b>





# HAZARD ASSESSMENT & RESPONSE ACTION DETERMINATION

## Thermal System Insulation & Friable Surfacing & Miscellaneous Materials

SCHOOL NAME: Wiley Elementary School  
ID NUMBER: 09-010-1160-22-2013  
BUILDING: 1951 Original

PAGE 1 OF 2  
SAMPLE AREA ID: 2F

SAMPLE AREA DESCRIPTION: Domestic Water Line Pipe Insulation

### HAZARD ASSESSMENT:

This area **contains** asbestos. Removal or repair of the material should only be done by EPA/AHERA accredited, IDPH licensed asbestos workers. This material is assumed to be **damaged** in inaccessible areas of the building.

Per typical building layouts and previous experience, I, the management planner, have deemed the disturbance factor to be **low**. A disturbance factor is based on the accessibility of the material, activity levels, vibration, and air erosion in the area where the material is located.

It is anticipated that there is no air flow in the inaccessible areas of the building.

There is potential for fiber releases where the material is disturbed. Any damage must be repaired within one year.

### POTENTIAL DAMAGE CLASS:

X -Not Applicable

[Material is already damaged or significantly damaged.]

-Potential Significant Damage

[Material is in an area regularly used by building occupants, including maintenance personnel, in the course of their normal activities. There are indications that there is a reasonable likelihood that the material or its covering will become *significantly damaged*, deteriorated, or delaminated due to factors such as changes in building use, changes in operations and maintenance practices, changes in occupancy, or recurrent damage. The material is subject to major or continuing disturbance, due to factors including but not limited to accessibility or, under certain circumstances, vibration or air erosion.]

-Potential Damage

[Material is in an area regularly used by building occupants, including maintenance personnel, in the course of their normal activities. There are indications that there is a reasonable likelihood that the material or its covering will become *damaged*, deteriorated, or delaminated due to factors such as changes in building use, changes in operations and maintenance practices, changes in occupancy, or recurrent damage.]

-Low Potential Damage

[Material has a reduced likelihood for damage based on the current condition of the material and the school's O&M practices and preventative measures that have been taken to reduce the potential for damage or the material is in an area not readily accessible by building occupants such as behind walls and above ceilings.]

RESPONSE ACTION NUMBER: 4

1. FOR THERMAL SYSTEM INSULATION MATERIALS: Immediately isolate the functional space(s) which is significantly damaged and restrict access if needed. Repair all damaged materials in the functional space(s). If it is not feasible to repair, remove the damaged materials.  
FOR SURFACING AND MISCELLANEOUS MATERIALS: Immediately isolate the functional space(s) which is significantly damaged and restrict access. Remove all damaged materials in the functional space, unless enclosure or encapsulation is sufficient to contain fibers.  
FOR ALL ACM NOT REMOVED: Maintain ACM in good condition under O&M program.
2. Take preventative measures to reduce potential for significant damage. If preventative measures cannot be effectively implemented, isolate the area until the material can be removed, enclosed, encapsulated or repaired to correct damage. Maintain ACM in good condition under O&M program.
3. Take preventative measures to reduce likelihood further damage will occur. Remove, enclose, encapsulate or repair to correct damage. Maintain ACM in good condition under O&M program.
4. Remove, enclose, encapsulate or repair to correct damage. Maintain ACM in good condition under O&M program.
5. Take preventative measures to reduce potential for significant damage. If preventative measures cannot be effectively implemented, response actions other than O&M, including area isolation, may be required. Maintain ACM in good condition under O&M program.
6. Take preventative measures to reduce likelihood that damage will occur. Maintain ACM in good condition under O&M program.
7. Maintain ACM in good condition under O&M program.

Note: An O&M program may include enclosure and encapsulation where appropriate to increase the effectiveness of O&M.

Response actions (1-7) above indicates **priority** for removal.

**The Management Planner inference for damage (or potential damage) may be different from Inspector's responses.**



# HAZARD ASSESSMENT & RESPONSE ACTION DETERMINATION

## Thermal System Insulation & Friable Surfacing & Miscellaneous Materials

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

PAGE 2 OF 2  
SAMPLE AREA ID: 2F

### HEALTH AND SAFETY MEASURES:

Damaged pipe covering material needs to be repaired as soon as possible in areas of direct contact with building occupants. Damaged pipe coverings become friable with the potential for fiber release. If damaged material is exposed to continued disturbance, removal or permanent enclosure are the only options. Special precautions, such as not leaning items against the material, should be taken. Any damage should be repaired within one year.

### RECOMMENDATIONS & COST ESTIMATES FOR AREA:

Ensure care is taken if accessing areas where material is likely to be found, such as above ceilings and behind walls.

Operations & Maintenance program per year: \$ Not applicable (material is not accessible)

Note: The estimate does not include replacement of materials in affected areas. Also, price is based on local contractor's prices and does not reflect actual price. Actual price is determined after bidding process is complete.

**Removal is always an option under AHERA regulations.**

Enclosure and Encapsulation are initially less costly, but **total removal** is most cost effective over time.

<u>INSPECTOR:</u>	<b>Pete Altieri</b>
IDPH LICENSE#:	<b>100-06641</b>
INSPECTION DATE:	<b>2/10/2004</b>
<u>MANAGEMENT PLANNER:</u>	<b>Jerry L. Wilson</b>
IDPH LICENSE#:	<b>100-01338</b>
REVIEW DATE:	<b>3/15/2004</b>



# HAZARD ASSESSMENT & RESPONSE ACTION DETERMINATION

## Thermal System Insulation & Friable Surfacing & Miscellaneous Materials

SCHOOL NAME: **Wiley Elementary School**  
ID NUMBER: **09-010-1160-22-2013**  
BUILDING: **1951 Original**

PAGE 1 OF 2  
SAMPLE AREA ID: 2H  
SAMPLE AREA DESCRIPTION: **Heat System Fittings**

### HAZARD ASSESSMENT:

This area **contains** asbestos. Removal or repair of the material should only be done by EPA/AHERA accredited, IDPH licensed asbestos workers. This material is assumed to be **damaged** in inaccessible areas of the building.

Per typical building layouts and previous experience, I, the management planner, have deemed the disturbance factor to be **low**. A disturbance factor is based on the accessibility of the material, activity levels, vibration, and air erosion in the area where the material is located.

It is anticipated that there is no air flow in the inaccessible areas of the building.

There is potential for fiber releases where the material is disturbed. Any damage must be repaired within one year.

### POTENTIAL DAMAGE CLASS:

**X** -Not Applicable

[Material is already damaged or significantly damaged.]

-Potential Significant Damage

[Material is in an area regularly used by building occupants, including maintenance personnel, in the course of their normal activities. There are indications that there is a reasonable likelihood that the material or its covering will become *significantly damaged*, deteriorated, or delaminated due to factors such as changes in building use, changes in operations and maintenance practices, changes in occupancy, or recurrent damage. The material is subject to major or continuing disturbance, due to factors including but not limited to accessibility or, under certain circumstances, vibration or air erosion.]

-Potential Damage

[Material is in an area regularly used by building occupants, including maintenance personnel, in the course of their normal activities. There are indications that there is a reasonable likelihood that the material or its covering will become *damaged*, deteriorated, or delaminated due to factors such as changes in building use, changes in operations and maintenance practices, changes in occupancy, or recurrent damage.]

-Low Potential Damage

[Material has a reduced likelihood for damage based on the current condition of the material and the school's O&M practices and preventative measures that have been taken to reduce the potential for damage or the material is in an area not readily accessible by building occupants such as behind walls and above ceilings.]

RESPONSE ACTION NUMBER:                                4          

1.    FOR THERMAL SYSTEM INSULATION MATERIALS: Immediately isolate the functional space(s) which is significantly damaged and restrict access if needed. Repair all damaged materials in the functional space(s). If it is not feasible to repair, remove the damaged materials.  
      FOR SURFACING AND MISCELLANEOUS MATERIALS: Immediately isolate the functional space(s) which is significantly damaged and restrict access. Remove all damaged materials in the functional space, unless enclosure or encapsulation is sufficient to contain fibers.  
      FOR ALL ACM NOT REMOVED: Maintain ACM in good condition under O&M program.
2.    Take preventative measures to reduce potential for significant damage. If preventative measures cannot be effectively implemented, isolate the area until the material can be removed, enclosed, encapsulated or repaired to correct damage. Maintain ACM in good condition under O&M program.
3.    Take preventative measures to reduce likelihood further damage will occur. Remove, enclose, encapsulate or repair to correct damage. Maintain ACM in good condition under O&M program.
4.    Remove, enclose, encapsulate or repair to correct damage. Maintain ACM in good condition under O&M program.
5.    Take preventative measures to reduce potential for significant damage. If preventative measures cannot be effectively implemented, response actions other than O&M, including area isolation, may be required. Maintain ACM in good condition under O&M program.
6.    Take preventative measures to reduce likelihood that damage will occur. Maintain ACM in good condition under O&M program.
7.    Maintain ACM in good condition under O&M program.

Note: An O&M program may include enclosure and encapsulation where appropriate to increase the effectiveness of O&M.

Response actions (1-7) above indicates **priority** for removal.

**The Management Planner inference for damage (or potential damage) may be different from Inspector's responses.**



# HAZARD ASSESSMENT & RESPONSE ACTION DETERMINATION Thermal System Insulation & Friable Surfacing & Miscellaneous Materials

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

PAGE 2 OF 2  
SAMPLE AREA ID: 2H

## HEALTH AND SAFETY MEASURES:

Damaged pipe fitting material needs to be repaired as soon as possible in areas of direct contact with building occupants. Damaged pipe fittings become friable with the potential for fiber release. If damaged material is exposed to continued disturbance, removal or permanent enclosure are the only options. Special precautions, such as not leaning items against the material, should be taken. Any damage should be repaired within one year.

## RECOMMENDATIONS & COST ESTIMATES FOR AREA:

Ensure care is taken if accessing areas where material is likely to be found, such as above ceilings and behind walls.

Operations & Maintenance program per year:                      \$ Not applicable (material is not accessible)

Note: The estimate does not include replacement of materials in affected areas. Also, price is based on local contractor's prices and does not reflect actual price. Actual price is determined after bidding process is complete.

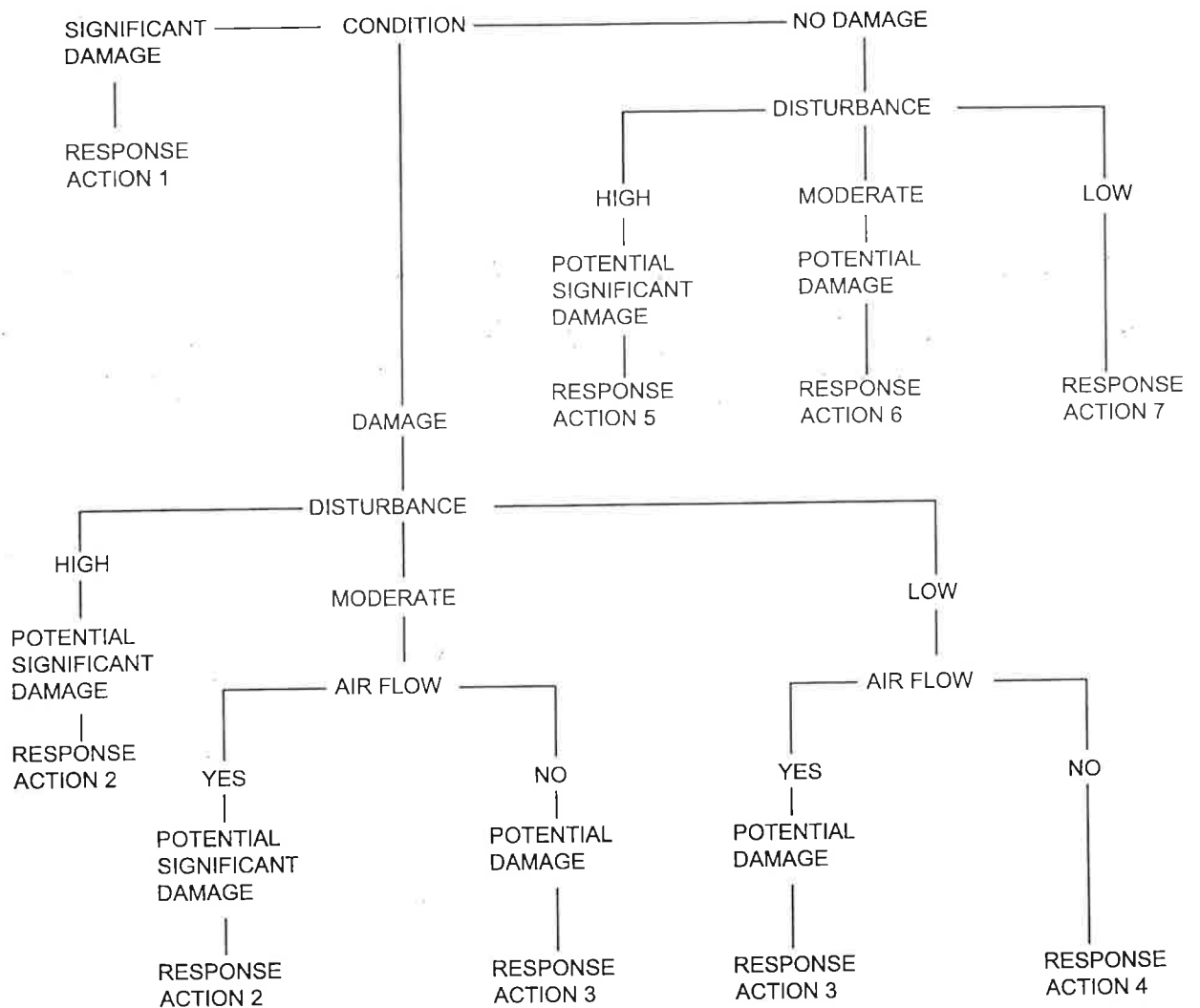
**Removal is always an option under AHERA regulations.**

Enclosure and Encapsulation are initially less costly, but **total removal** is most cost effective over time.

<u>INSPECTOR:</u>	<b>Pete Altieri</b>
IDPH LICENSE#:	<b>100-06641</b>
INSPECTION DATE:	<b>2/10/2004</b>
<u>MANAGEMENT PLANNER:</u>	<b>Jerry L. Wilson</b>
IDPH LICENSE#:	<b>100-01338</b>
REVIEW DATE:	<b>3/15/2004</b>



# DECISION TREE - Thermal System Isulation & Friable Surfacing and Miscellaneous Materials



## Response Actions and Priority for Removal:

1. **FOR THERMAL SYSTEM INSULATION MATERIALS:** Immediately isolate the functional space(s) which is significantly damaged and restrict access if needed. Repair all damaged materials in the functional space(s). If it is not feasible to repair, remove the damaged materials.  
**FOR SURFACING AND MISCELLANEOUS MATERIALS:** Immediately isolate the functional space(s) which is significantly damaged and restrict access. Remove all damaged materials in the functional space, unless enclosure or encapsulation is sufficient to contain fibers.  
**FOR ALL ACM NOT REMOVED:** Maintain ACM in good condition under O&M program.
2. Take preventative measures to reduce potential for significant damage. If preventative measures cannot be effectively implemented, isolate the area until the material can be removed, enclosed, encapsulated or repaired to correct damage. Maintain ACM in good condition under O&M program.
3. Take preventative measures to reduce likelihood further damage will occur. Remove, enclose, encapsulate or repair to correct damage. Maintain ACM in good condition under O&M program.
4. Remove, enclose, encapsulate or repair to correct damage. Maintain ACM in good condition under O&M program.
5. Take preventative measures to reduce potential for significant damage. If preventative measures cannot be effectively implemented, response actions other than O&M, including area isolation, may be required. Maintain ACM in good condition under O&M program.
6. Take preventative measures to reduce likelihood that damage will occur. Maintain ACM in good condition under O&M program.
7. Maintain ACM in good condition under O&M program.

# **SECTION E**

# **SECTION F**

# **SECTION G**



# General Definitions

**ACM** – Asbestos containing material / **Non-ACM** – Non-asbestos containing material

**Homogeneous Area** – An area of material that is uniform in color and texture. The number of required samples for a material must be collected per homogeneous area.

**Friable** – Describes a material that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure. See the General Comments section below for more information on friability.

**Material Type** – The category in which the material is placed per AHERA definitions. The material type helps to determine the number of samples required to be collected for a material.

**Surfacing Material** – Material that is sprayed-on, troweled-on or otherwise applied to surfaces, such as: acoustical plaster on ceilings and fireproofing materials on structural members, or other materials on surfaces for acoustical, fireproofing and other purposes.

**Thermal System Insulation (TSI) Material** – Insulation applied to pipes, fittings, boilers, breeching, tanks, ducts and other structural components to prevent heat loss or gain.

**Miscellaneous Material** – Any material which is not categorized as surfacing or thermal.

**Damage Condition** – The condition of the material in regards to damage. The damage condition is classified into three categories.

**Not Damaged** – Material that has <1% localized or distributed damage as determined by an asbestos inspector.

**Damaged** – Material that has 1-25% localized damage or 1-10% distributed damage as determined by an asbestos inspector.

**Significantly Damaged** – Material that has >25% localized damage or >10% distributed damage as determined by an asbestos inspector.

**Response Action** – Identifies the appropriate action that the LEA should take regarding a material. A response action is assigned by an asbestos management planner and is required for friable materials. Response actions and corresponding numbers can be found on the decision trees in Section E.

**O&M** – Operations and Maintenance

**Newly Installed Material** – For the purpose of this reinspection, IDEAL defines a newly installed material as one installed since the date of a school's original inspection report. [Most original inspection reports are dated 1988-1989.] When known, dates of installation are provided. Since asbestos is not currently banned in the United States, materials are considered suspect asbestos containing regardless of when they were installed. If any newly installed materials are planned to be disturbed — whether they are recorded as assumed to contain asbestos, simply documented as newly installed materials, or not documented at all in the asbestos management plan — then asbestos sampling protocol that is current at the time of disturbance will need to be reviewed.

**Architect Non-ACM Letter** – Building materials installed during new building or building addition projects involving an architect can be deemed non-asbestos containing if there is a statement on file (signed by the architect of record) which declares that the use of non-asbestos containing materials was specified for the project. The non-asbestos containing status for these materials excludes them from periodic surveillance and reinspection for the ongoing asbestos management plan program. However, if any of these new materials will be disturbed during any planned renovation work, asbestos sampling protocol current at the time of disturbance will need to be reviewed.



## General Comments

The friability listed for each material in this report was based on the inspector's opinion of the condition of the material at the time of the reinspection and may differ from that of another inspector. Some materials which may be currently listed as non-friable must be treated as friable during disturbance (i.e. nailing holes, renovation work, demolition, etc.), as they are likely to become friable during disturbance. These materials include but are not limited to transite, plaster, drywall, drywall joint compound and non-damaged thermal system insulation materials.

Accessible building areas were inspected for known and suspect asbestos containing materials. The inspection was non-destructive in nature, and no demolition of building components was performed in order to access hidden materials. IDEAL does not guarantee that all suspect asbestos containing materials have been identified in the building. Suspect asbestos containing materials behind walls, under floors, or other similar inaccessible areas are often hidden from visual observation. Any suspect materials not yet sampled must be assumed to contain asbestos until sampled.

Any buildings or building sections which were locked or otherwise inaccessible at the time of the reinspection were not reinspected. Any suspect asbestos containing materials found within these buildings or building sections which have not been previously identified in the asbestos management plan must be assumed to contain asbestos until sampled.

We recommend ensuring that your custodial/maintenance staff and outside contractors such as plumbers are fully aware of all known or assumed asbestos containing materials in the building. Disturbance of these materials, even done without knowledge, can cause costly major or minor fiber releases and could potentially result in fines and penalties.

Please note that a three-year reinspection does not address areas in the building which have been previously sampled and found to be non-asbestos containing. Therefore, it is important to look at all asbestos management plan documentation (original inspection report and all subsequent sampling reports) for information on previously identified non-asbestos containing materials.

Any samples collected during this reinspection were analyzed by a NVLAP-approved or AIHA-accredited laboratory. IDEAL does not provide warranty for the services of the laboratory.

If provided, cost projections and quantity estimates of material are based solely on visible areas and may not include areas under carpet, behind walls, above ceilings, inside boilers, under floors, etc. Quantity estimates are provided as a general indication of the amount of material present. Quantity estimates are not guaranteed. All quantities and conditions that affect cost for asbestos removal and disposal should be verified prior to asbestos removal.

Information in this report is based on asbestos management plan documentation made available to the inspector at the time of this reinspection.

This report shall not be reproduced, except in full, without the written consent of IDEAL.

This report and the general comments herein are our interpretations of the regulations affecting K-12 school buildings. No warranty or guarantee, expressed or implied, is made as to the conclusions and/or professional advice and recommendations included in this report.



## General Recommendations

Record-keeping is a very important part of AHERA compliance. Your records must be continually updated. The following are items that the LEA needs to ensure are kept up-to-date.

- The district office should have a set of Management Plan Books for each building, and each building should have a copy of their respective plan. Books should be kept in an easy-to-find location, and school personnel should be aware of their location. A copy of any supplement book, including three-year reinspection reports, must also be kept at the district office and each respective school building.
- Each year a parent/teacher notification letter must be sent out. Copies of the letter must go in each plan book. The letters must be dated. If a school uses their handbook or a newsletter to distribute the notification, a copy of the relevant dated page must be placed in each management plan book.
- All custodial and maintenance personnel, including summer employees, must receive two hours of asbestos awareness training. Documentation of this training for each person must be kept in each of the plan books. Any new custodial or maintenance personnel must be trained within 60 days of employment. (An annual refresher course is necessary to meet OSHA rules.)
- All short-term workers (phone workers, utility workers, exterminators, plumbers, electricians, etc.) must sign a work permit verifying that they were provided information regarding locations of known or assumed asbestos areas.
- Warning labels must be posted in routine maintenance areas such as boiler rooms, mechanical rooms, etc. on or adjacent to any known or assumed asbestos areas.
- Buildings leased, acquired, or put into use on or after October 12, 1988, as a school building (as defined by AHERA) must be inspected for asbestos and have a management plan developed prior to school use.
- Management plan updates such as six-month surveillance forms, notification letters, O&M activities, response action activities, reinspections, etc. should be in or with every plan book. If the plan book cannot be added to, or if it is full, a new three-ring binder should be started for this type of record-keeping.
- Some schools have made it a practice to document newly installed building materials in their management plan by obtaining Material Safety Data Sheets (MSDS's) and product labels declaring the materials to contain no asbestos, and by noting the installation and location of the materials with diagrams, photos and/or detailed descriptions. Currently, even with this information, the only acceptable way to prove that a material is non-asbestos containing is through sampling. However, if your LEA does make it a practice to obtain and file MSDS's and other verification of non-asbestos content, you may want to continue to do so in case the materials are ever accepted by IDPH and EPA as asbestos-free based on this type of documentation.
- Prior to doing any small or large renovation projects, including floor tile removal projects, it is very important that all suspect asbestos materials have been sampled.
- If you are planning new building construction, please advise with your asbestos consultant and architect to help ensure that your new building can be excluded from your asbestos program.

---

*The above recommendations are a general list and are not intended to cover all regulations. For additional assistance, please contact IDEAL at (800)535-0964, or contact IDPH, IEPA, or USEPA Region V.*



# **SECTION H**



2904 Tractor Lane, Bloomington, IL 61704-9163  
Phone: (800)535-0964 or (309)828-4259  
Fax: (309)828-5735  
www.idealenvironmental.com  
Email: info@idealenvironmental.com

## FAX COVER SHEET

DATE: 3/1/2004

TO FAX NUMBER: 217-785-5897  
TO CONTACT PERSON: Mr. Gary P. Flentge, Chief  
COMPANY: IDPH  
FROM: Janelle Weber  
PAGES (INCLUDING COVER): 12  
SUBJECT: Asbestos Program – School Information Forms

The following AHERA Three-Year Reinspection School Information Form(s) are respectfully submitted:

Public School District Name: Urbana S.D. 116  
School Name: Urbana B.O.E. & Admin. Offices  
Urbana Maintenance Complex  
Urbana High School  
Urbana Middle School  
M. L. King Jr. Elem. School  
Thomas Paine Elem. School  
Wiley Elem. School ✓  
Leal Elem. School  
Prairie Elem. School  
Yankee Ridge Elem. School  
Washington Early Childhood Center

Private School Name:

If this document is improperly transmitted, please call (800) 535-0964 or (309) 828-4259.

ILLINOIS DEPARTMENT OF PUBLIC HEALTH  
AHERA THREE YEAR REINSPECTION  
ASBESTOS ABATEMENT PROGRAM  
SCHOOL INFORMATION FORM

**SECTION I**

NAME OF SCHOOL DISTRICT: URBANA SCHOOL DIST 116  
SCHOOL ID#: 09-010-1160-3001  
SCHOOL NAME: WILEY ELEMENTARY SCHOOL  
ADDRESS OF SCHOOL: 1602 S ANDERSON  
CITY: URBANA STATE: IL ZIP: 61801

DATE LAST THREE YEAR REINSPECTION WAS COMPLETED: 02/08/01

**If the address on this form is different than the address of the building, submit a written explanation.**

**SECTION II (Please type or print)**

PLEASE COMPLETE THE FOLLOWING FOR YOUR THREE YEAR REINSPECTION:

DATE REINSPECTION COMPLETED: 3-10-04 ENROLLMENT 326

IDPH LICENSED INSPECTOR NAME: Pete Altieri  
IDPH LICENSE #: 100-6641

IDPH LICENSED MANAGEMENT PLANNER NAME: Jerry L. Wilson  
IDPH LICENSE #: 100-01338

DESIGNATED PERSON: Ronald L. Wynn PHONE: 309-828-4259

[Redacted Signature]  
Signature of Designated Person

3/1/04  
Date

**SECTION III**

PLEASE COMPLETE THE FOLLOWING INFORMATION FOR ANY CHANGES WITHIN THE SCHOOL DISTRICT.

District has consolidated. New district name: \_\_\_\_\_  
School building has been sold. Date of Sale: \_\_\_\_\_  
School has been closed. Date closed: \_\_\_\_\_  
School building has been demolished. Date: \_\_\_\_\_  
School building is asbestos free since last reinspection: \_\_\_\_\_

**Please explain in writing why the school building is now asbestos free and include the supporting documentation.**

A new school facility has been added to the district.

NAME OF SCHOOL: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_ CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

Other (explain): \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

HP Fax Series 900  
Plain Paper Fax/Copier

Fax History Report for  
ideal environmental  
(309)828-5735  
Mar 01 2004 1:06pm

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Last Fax

<u>Date</u>	<u>Time</u>	<u>Type</u>	<u>Identification</u>	<u>Duration</u>	<u>Pages</u>	<u>Result</u>
Mar 1	1:02pm	Sent	IDPH	4:33	12	OK

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Result:

OK - black and white fax

# APPENDIX



## **SAMPLE PARENT/TEACHER NOTIFICATION LETTER**

DATE: **(XXXX)**  
TO: PARENTS AND STAFF  
RE: ANNUAL ASBESTOS MANAGEMENT PLAN NOTICE  
FROM: **(NAME AND TITLE)**

This is to inform you of the status of **(Name of School or District)** asbestos management plan(s). It has been determined by the Illinois Department of Public Health and the Federal Environmental Protection Agency that asbestos is a potential health hazard, and precautions should be taken to avoid disturbing any asbestos containing materials.

As required, our building(s) was/were initially inspected for asbestos. Our inspection was conducted on **(Date of Original inspection)**. The AHERA law requires that a visual surveillance of asbestos containing areas be completed every six months, and a reinspection conducted every three years. Any evidence of disturbance or change in condition will be documented in the Management Plan as required.

The Inspection/Management Plan is available for public review in the **(Location of Management Plan)** office. Should you wish to review the plans, please call to make an appointment between **(business hours)**.

Any concerns relative to asbestos containing materials should be directed to **(contact/asbestos coordinator)** at **(address & phone #)**.

Sincerely,

**(Name)**  
**(Title)**

**SAMPLE PARENT/TEACHER NOTIFICATION LETTER**  
**STATING HOW YOU NOTIFIED**

I, ***(name), (title)***, do hereby attest that the attached notification has been distributed by ***(mail, newsletter, handbook, etc.)*** to ***(parents, teachers, etc.)*** on ***(date notification was sent out)***.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

## EMPLOYEE MEMORANDUM:

All outside contractors must report to the main office and sign a worker permit before starting a work project.

We are requesting your assistance with this matter.

If you see anyone in the building starting to conduct work without a signed permit, please direct the individual to the main office.

Sincerely,

---

Signature

---

Date

---

Title

# REQUEST FOR MAINTENANCE WORK

CONTRACTOR NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

TELEPHONE NUMBER: \_\_\_\_\_

1. JOB LOCATION: \_\_\_\_\_

2. REQUESTED STARTING DATE: \_\_\_\_\_ ANTICIPATED FINISH DATE: \_\_\_\_\_

3. DESCRIPTION OF WORK: \_\_\_\_\_

4. DESCRIPTION OF ANY ASBESTOS CONTAINING MATERIAL/PRESUMED ASBESTOS CONTAINING MATERIAL THAT MIGHT BE AFFECTED: \_\_\_\_\_

5. NAME AND TELEPHONE # OF REQUESTER: \_\_\_\_\_

6. NAME AND TELEPHONE # OF SUPERVISOR: \_\_\_\_\_

**NOTE: An application must be submitted for all maintenance work whether or not asbestos containing material might be affected. An authorization must be received before any work can proceed.**

GRANTED-MAINTENANCE WORK APPROVAL PERMIT NUMBER: \_\_\_\_\_

DENIED: \_\_\_\_\_

BY: \_\_\_\_\_ TITLE: \_\_\_\_\_

## NOTIFICATION AND TRAINING OF SHORT TERM WORKERS

I, \_\_\_\_\_, with the firm of \_\_\_\_\_, have been informed of the presence and the hazard of friable and non-friable asbestos containing material in this building this \_\_\_\_\_ day of \_\_\_\_\_ in the year \_\_\_\_\_. I will not disturb any asbestos areas in this building. I understand that I and/or my employer may incur substantial clean up costs and fines if I do disturb any asbestos areas in this building. I certify that if I am working near damaged or friable asbestos containing material or presumed asbestos containing material that I have received two hours of asbestos awareness training.

SIGNED BY and DATED: \_\_\_\_\_

# MAINTENANCE WORK APPROVAL PERMIT NO. \_\_\_\_\_

## 1. AUTHORIZATION

Authorization is given to \_\_\_\_\_  
to proceed with the following maintenance work: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## 2. PRESENCE OF ASBESTOS CONTAINING MATERIALS/PRESUMED ASBESTOS CONTAINING MATERIALS

Asbestos containing materials/presumed asbestos containing materials are/are not present in the vicinity of the maintenance work.

## 3. WORK PRACTICES WHEN ASBESTOS CONTAINING MATERIALS/PRESUMED ASBESTOS CONTAINING MATERIALS ARE PRESENT

The following work practices shall be employed to avoid disturbing asbestos: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## 4. PERSONNEL PROTECTION IF ASBESTOS CONTAINING MATERIALS/PRESUMED ASBESTOS CONTAINING MATERIALS ARE PRESENT

The following equipment/clothing shall be used/worn during the work to protect workers: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## 5. PROOF OF TWO HOURS OF ASBESTOS AWARENESS TRAINING IS ATTACHED FOR EACH CONTRACTOR EMPLOYEE WORKING NEAR DAMAGED OR FRIABLE ASBESTOS CONTAINING MATERIALS OR PRESUMED ASBESTOS CONTAINING MATERIALS.

SIGNED: \_\_\_\_\_

DATE: \_\_\_\_\_

# **ASBESTOS EMERGENCY REPAIR PHONE NUMBERS**

If you need help in an emergency asbestos situation or just need repair work to meet the AHERA law, call:

**8 AM - 4:30 PM**

**Monday - Friday**

**Office: 800-535-0964**

**After 4:30 PM Weekdays or  
Holidays and Weekends**

**call Ron Curry**

**Cellular Phone: 309-261-1058**

**Home: 309-662-1320**

Our EPA/AHERA-accredited, IDPH-licensed professionals will respond quickly to all of your emergency situations, 24 hours a day, 7 days a week.

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

# NOTICE!!

**OUTSIDE CONTRACTORS  
PLEASE REPORT TO MAIN OFFICE**

**OUTSIDE CONTRACTORS CANNOT WORK IN THIS BUILDING WITHOUT FIRST GETTING A PERMIT FROM ONE OF THE ASBESTOS COORDINATORS.**

Short-term workers (e.g. telephone repair workers, contractors, etc.) who may come in contact with asbestos in a school must be provided with information about the location of Asbestos Containing Building Materials and suspect ACM assumed to be ACM.

All employees shall be notified that no work of any kind may be performed without the notification and prior authorization.

**NOTE: ONLY STATE OF ILLINOIS LICENSED ASBESTOS WORKERS CAN DISTURB OR REMOVE ASBESTOS. ALL ILLINOIS AND FEDERAL AHERA LAWS MUST BE FOLLOWED.**

**THE ASBESTOS DESIGNATED PERSON  
FOR THIS SCHOOL IS:**

**RONALD L. CURRY  
IDEAL ENVIRONMENTAL ENGINEERING, INC.  
2904 TRACTOR LANE  
BLOOMINGTON, IL 61704  
OFFICE (800)535-0964 / CELLULAR PHONE (309)261-1058**

