

# **Periodic Surveillance**

EDMONSON COUNTY BOARD OF EDUCATION  
P.O. BOX 129 - TELEPHONE 502-597-2101  
BROWNSVILLE, KY 42210  
502-597-2103 TELECOPIER

Earnest R. Smith, JR., Ph. D.  
Superintendent

ASBESTOS PERIODIC SURVEILLANCE

Date of Surveillance Oct. 25, 1996  
School or Building McIntyre  
Location of ACBM (Room) Basement Kitchen, Hall  
Material Containing ACBM floor tile 9"  
Assessment Category N.F. Crisp 20%  
Condition (Changed or Unchanged)

APRIL 29 1997 N.C. A.D.  
OCT 2 1997 Tile in kitchen loose from floor. A.D.  
NOV-24-1997 All asbestos removed (Asbestos Free)  
This will be removed from PERIODIC  
surveillance.

EDMONSON COUNTY BOARD OF EDUCATION  
P.O. BOX 129 - TELEPHONE 502-597-2101  
BROWNSVILLE, KY 42210  
502-597-2103 TELECOPIER

Earnest R. Smith, JR., Ph. D.  
Superintendent

ASBESTOS PERIODIC SURVEILLANCE

Date of Surveillance Oct. 25, 1996  
School or Building MC Intyre Building  
Location of ACBM (Room) Boiling Room  
Material Containing ACBM Boiler material  
Assessment Category NF (Isolate)  
Condition (Changed or Unchanged)

APRIL 29 1997 NO change L.D.  
OCT 2 1997 N/C L.D.  
NOV - 24 1997 ALL ASBESTOS REMOVED FROM

Building.  
This will be removed from PERIODIC  
SURVEILLANCE.

ASBESTOS PERIODIC SURVEILLANCE

Date of Surveillance Dec 89  
 School or Building MC Ontype Building  
 Location of ACBM (Room) Boiler Room  
 Material Containin ACBM Boiler materials  
 Assessment Categor NF: (Insulate)  
 Condition (Changed or Unchanged) \_\_\_\_\_

April 1990 Same as Dec 1989 BHe

Oct 1990 no change BHe  
 { New Plans call for removal of all asbestos  
 (sealed off not assembled)

April 12 1991 - no change BHe

Oct 28 1991 no change BHe

April 15, 1992 no change BHe

Oct 21, 1992 no change BHe

April 6 1993 no change DHe - Letter to Parkman requesting change  
 from Removing to deletion

Oct 7 1993 no change BHe

April 21, 1994 no change BHe

Oct 11 1994 no change BHe

April 11, 1995 no change DHe

May 15, 1995 3yr Re Insp BHe

Oct 1, 1995 no change BHe

April 24, 1996 no change BHe

Oct. 25, 1996 no change 2/4

McIntyre Building

Basement Kitchen area + Hall  
3' (over tile 9"

- Dec 1989 no change BNC
- April 1990 no change BNC
- Oct 1990 no change BNC
- April 12 1991 - no change BNC  
seals to not assembled
- Oct 28 1991 no change BNC
- April 15, 1992 no change BNC
- Oct 21 1992 no change BNC letter to Parker man asking  
April 6 1993 no change BNC to change plan from ~~sketch~~  
to ~~assemblies~~.
- Oct 7, 1993 no change BNC
- April 21, 1994 no change BNC
- Oct 11 1994 no change BNC
- April 11, 1995 no change BNC
- May 15, 1995 3 yr Pennsp. BNC
- Oct 3, 1995 no change BNC
- April 26, 1996 no change BNC
- Oct 25, 1996 no change BNC

ASBESTOS PERIODIC SURVEILLANCE

Date of Surveillance Dec 89  
School or Building MC Ontype Building  
Location of ACBM (Room) Open area basement & Storage Room  
Material Containing ACBM Sheetrock  
Assessment Category Assumed NF  
Condition (Changed or Unchanged) \_\_\_\_\_

April 1990 Same as Dec B/C

Oct 1990 no chng B/C  
new plan calls for removal of floor tiles in  
basement sealed off not accessible

April 12 1991 no change B/C

Oct 28 1991 no change B/C

April 15 1992 no change B/C

Oct 21 1992 no change B/C

April 6 1993 no change B/C

Oct 7, 1993 no change B/C

April 21, 1994 no chng B/C

Oct 11 1994 no change B/C

April 11, 1995 no chng B/C

May 15, 1995 3 yr Renov B/C

Oct 3, 1995 no change B/C

April 24, 1996 no change B/C

Oct 25 1996 no chng. still

(Over)

MC Inter Hall

1 x 2 Ceiling Tiles

Bath Floors

as of 3 yr. Reinsp. 6-2-92

Oct	21, 1992	<del>no change</del> Some tiles loose & some missing
April	6, 1993	no change BHC
Oct	7, 1993	no change BHC
April	21, 1994	no change BHC
Oct	11, 1994	no change BHC
April	11, 1995	no change BHC
May	15, 1995	3 yr Reinsp BHC

Samples taken for 3 yr. Reinsp. None no asbestos

McIntire Hall

1 x 2 Ceiling Tiles

Bath Floors

as of 3rd Reinsp. 6-2-92

Oct	21, 1992	<del>no change</del>	Sanitiles loose & some missing
April	6, 1993	no change	B/C
Oct	7, 1993	no change	B/C
April	21, 1994	no change	B/C
Oct	11, 1994	no change	B/C
April	11, 1995	no change	B/C
May	15, 1995	3 yr Reinsp	B/C



ASBESTOS PERIODIC SURVEILLANCE

Date of Surveillance Dec 89  
School or Building MC Ontario Building  
Location of ACBM (Room) Open area basement & Storage Room  
Material Containing ACBM Sheetrock  
Assessment Category Assumed NF  
Condition (Changed or Unchanged) \_\_\_\_\_

April 1990 Same as Dec BtC

Oct 1990 no chng P/B/C  
new plan calls for removal of floor tiles in  
basement sealed off not accessible

April 12 1991 no change BtC

Oct 28 1991 no change BtC

April 15 1992 no change BtC

Oct 21 1992 no change BtC

April 6 1993 no change BtC

Oct 7, 1993 no change BtC

April 21, 1994 no chng BtC

Oct 11, 1994 no change BtC

April 11, 1995 no chng BtC

May 15, 1995 3y's Renof BtC

McEntyre Building  
Basement Kitchen area & Hall  
Floor to 9"

Dec 1989 no change BNC  
April 1990 no change BNC  
Oct 1990 no change BNC  
April 12 1991 - no change BNC  
seals to not assembled  
Oct 28 1991 no change BNC  
April 15, 1992 no change BNC  
Oct 21 1992 no change BNC letter to Parker man asking  
April 6 1993 no change BNC to change plan from ~~staircase~~  
to ~~escalator~~.  
Oct 7, 1993 no change BNC  
April 21, 1994 no change BNC  
Oct 11, 1994 no change BNC  
April 11, 1995 no change BNC  
May 15, 1995 Bgr Pennsp. BNC

ASBESTOS PERIODIC SURVEILLANCE

Date of Surveillance Dec 89  
School or Building MC Antypa Building  
Location of ACBM (Room) Boiler Room  
Material Containin ACBM Boiler materials  
Assessment Categor N.F. (Asbestos)  
Condition (Changed or Unchanged)

April 1990 Same as Dec 1989 BHC

Oct 1990 No change BHC  
New Plans call for removal of all asbestos  
(sealed off not assembled)

April 12 1991 - no change BHC

Oct 28 1991 no change BHC

April 15 1992 no change BHC

Oct 21, 1992 no change BHC - Letter to Poppe man requesting change  
from Removng to deletion

April 6 1993 no change DHC

Oct 7 1993 no change BHC

April 21, 1994 no change BHC

Oct 11 1994 no change BHC

April 11, 1995 no change DHC

May 15, 1995 3yr Re Insp BHC

# Reinspections

AHERA REINSPECTION REPORT - KENTUCKY

LEA Edmonson Co. Schools SCHOOL McCortum Building (Hall)

Introduction. The Asbestos Hazard Emergency Response Act (AHERA) requires Local Education Agencies (LEAs) to use accredited inspectors to reinspect asbestos-containing building materials (ACBM) which were identified in previous AHERA inspection(s). Reinspections are required at least once every three years after the management plan goes into effect for those school buildings whose last inspection/reinspection identified ACBM. For most schools, this means reinspections must be done by July 9, 1992, and the results submitted to the LEA and the Division for Air Quality within 30 days after the reinspection. Results would include information regarding (1) reinspected and newly discovered ACBM (amounts, assessments, sampling information, etc.); (2) any needed revisions by accredited management planners and LEAs to response actions planned; (3) records of periodic surveillance, O&M training, O&M activities, fiber releases, and response actions taken; and (4) accreditations, assurances, annual plan-availability notifications to parents and employees, and other AHERA-required information.

Instructions for completing this form: Complete either item I or item II, below, as appropriate. Do not complete this form if no ACBM was identified in the last inspection/reinspection.

**I. Reinspection results show no change to information in existing management plan.**  
*(If checked, then accredited inspector needs to attach a newly completed Form 5.0 and current accreditation certificates, and LEA representatives and inspector need to sign the assurances immediately below. Also include in the submittal the information identified in items (3) and (4), above.)*

I affirm that an accredited AHERA inspector has reinspected all confirmed and assumed ACBM identified in previous AHERA inspections/reinspections and, if applicable, has verified (*attach verification*) removal of previously identified ACBM which was removed since the last inspection/reinspection.

Accredited Inspector's Signature/Date \_\_\_\_\_

LEA Designated Person's Signature/Date \_\_\_\_\_

LEA Superintendent's Signature/Date \_\_\_\_\_

Reinspection Date \_\_\_\_\_

**II. Reinspection reports show change to information in management plan.**  
*(If checked, then the items identified in I, above, must be submitted, along with all revised or new homogeneous area forms, revised or new responses recommended by management planner and selected by LEA, and sampling methodology and results.)*

Number of 6.0 Forms attached 1 (one for each homogeneous area, or HA)

Number of 6.1 Forms attached 1

Number of 3.0 Forms attached 1

Number of 3.1 Forms attached \_\_\_\_\_ (one for each response in each HA)

Number of samples taken 7

I affirm that an accredited AHERA inspector has reinspected all confirmed and assumed ACBM identified in previous AHERA inspections/reinspections and has verified (*attach verification*) removal of previously identified ACBM which was removed since the last inspection/reinspection.

Accredited Inspector's Signature/Date Billy H. Clemmons 5/19/95

LEA Designated Person's Signature/Date Billy H. Clemmons 5/19/95

Accredited Management Planner's Signature/Date Billy H. Clemmons 5/19/95

LEA Superintendent's Signature/Date Lamert R. Smith 6-8-95

Reinspection Date 5/19/95 Effective Date of Management Plan Revisions 6-9-95

BUILDING STATISTICS (OPTIONAL)

DATE BUILT \_\_\_\_\_ AREA NAME, ADDITION, WING, ETC. \_\_\_\_\_ USE \_\_\_\_\_ TOTAL AREA \_\_\_\_\_ FLOORS \_\_\_\_\_

NOTES: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

CONSTRUCTION INFORMATION (OPTIONAL)

WALLS:  Masonry Veneer  Floor Structure:  Wood  Roof Structure:  Wood  
 Solid Masonry / Conc.  Concrete  
 Wood  Steel  
 Other  Other

NOTES: \_\_\_\_\_

DOCUMENT SUMMARY (OPTIONAL)

Floor Plans  Specifications  Past Surveys  Past Abatement Specifications  
 Sections  Mech. Drawings  In-House Sampling Reports  Past Abatement Drawings  
 Finish Schedules  As Built Drawings  Past Abatement Projects

INSPECTION INFORMATION

ATTACH COPY OF TRAINING COURSE CERTIFICATE FOR EACH MEMBER

TEAM MEMBERS (PRINT OR TYPE) SIGNATURE ACCREDITATION NO. TITLE  
 Survey Date (S) 5/19/95 Billy H. Clemmons Billy H. Clemmons P95-05-0347 Management Planner

SURVEY TIME (S)

SCHOOL INFORMATION FORM

LEA: Edmondson Co. Schools LEA NAME: 151  
 (OR BUILDING NAME) SCHOOL: Mc Intire Building SCHOOL NAME: 299  
 ADDRESS: Brownsville, Ky. SCHOOL NO. 42210

- ASSESSMENT CATEGORIES**
- 1. Damaged/significantly damaged TSI
  - 2. Damaged/liable SURFACING ACM
  - 3. Significantly damaged/liable SURFACING ACM
  - 4. Damaged or significantly damaged/liable MISCELLANEOUS ACM
  - 5. ACBM with potential for damage
  - 6. ACBM with potential for significant damage
  - 7. Any remaining liable ACBM or liable suspected ACBM

HOMOGEN. AREA    FUNCT. SPACE    MATERIAL TYPE    DESCRIPTION    THERMAL(TSI)    SURFACING    MISC.    QUANTITIES    ASSESSMENT CATEGORY NO.    SCHEDULE

HA#    FS#    UN. FL.    SQ. FL.    INST. PREVNT. MEAS.    O & M PROGRAM    REPAIR    ENCAPSULATE    ENCLOSE    REMOVE    ISOLATE    OTHER    START DATE    COMPL. DATE

HOMOGEN. AREA	FUNCT. SPACE	MATERIAL TYPE	DESCRIPTION	THERMAL(TSI)	SURFACING	MISC.	QUANTITIES	ASSESSMENT CATEGORY NO.	INST. PREVNT. MEAS.	O & M PROGRAM	REPAIR	ENCAPSULATE	ENCLOSE	REMOVE	ISOLATE	OTHER	SCHEDULE
HA#	FS#						UN. FL.    SQ. FL.										START DATE    COMPL. DATE
9			1/2 Dup ceiling					7344									10/28/88

**RESPONSE ACTIONS**

RECOMMENDED BY MANAGEMENT PLANNER

*Bill X. O'Leary*  
MANAGEMENT PLANNER SIGNATURE

6/12/95  
DATE

SCHOOL: McDermott Middle

LEA: Edmondson Co. Schools

SCHOOL NAME: McDermott Middle

LEA NAME: Edmondson Co. Schools

929 SCHOOL NO.

151 LEANO

10-12-88 MANAGEMENT PLAN DATE

- EXPOSURE CONSIDERATIONS** - OPTIONAL (Rated 1 as Best & 5 as Worst)
- A. DETERIORATION
  - B. PHYSICAL DAMAGE
  - C. WATER DAMAGE
  - D. ACTIVITY/VIBRATION
  - E. EXPOSURE
  - F. ACCESSIBILITY
  - G. LENGTH OF EXPOSURE
  - H. EXPOSURE POPULATION (Personnel)
- ASSESSMENT CATEGORIES**
1. Damaged/significantly damaged TSI
  2. Damaged/liable SURFACING ACM
  3. Significantly damaged/liable SURFACING ACM
  4. Damaged or significantly damaged/liable MISCELLANEOUS ACM
  5. ACBM with potential for damage
  6. ACBM with potential for significant damage
  7. Any remaining/liable ACBM or liable suspected ACBM

SAMPLE NO.	BIA #	EXIST RM.#	INSPECTION AREA NAME	ASBESTOS TYPE/%	EXPOSURE CONSIDERATIONS							ASSMT. CAT.	QUANTITIES			TOTALS	
					A	B	C	D	E	F	G		H	LENGTH	WD.	DIA.	LF

35384			1st + 2nd floor	0%														
35385				0%														
35386				0%														
35387				0%														
35388				0%														
35389				0%														
35390				0%														

AREAS INCLUDED IN HOMOGENEOUS AREA

MISCELLANEOUS QUANTITY CALCULATIONS

GRAND TOTAL **7344** SQ.FT. **1** LIN.FT.

ACBM CONFIRMED  ASSUMED  NO ACBM

          F  F

          NF  NF

SAMPLING DATE: 5/19/95 INSPECTION DATE: 5/19/95

INSPECTOR: Billy H. Clemens

SIGNATURE: Billy H. Clemens

LEA: Clemens Co. Schools

SCHOOL: M'Orin Hall

SCHOOL NAME: Clemens Co. Schools

SCHOOL NO. 151

LEA NO. 999

MATERIAL DESCRIPTION / ADDITIONAL REASONS FOR ASSESSMENT: 1 X2 Over ceiling light trim work

**HOMOGENEOUS AREA FORM**

LEGEND

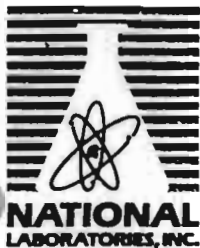
BIA# BUILDING INSPECTION AREA NUMBER

INSPECTOR ASSIGNED NO. FOR CONTROL

THERMAL(TSI)  SURFACING  MISC.

MAT. TYPE: 1 X2 Over ceiling





# NATIONAL LABORATORIES, INC.

Rivercity One  
3210 Claremont Ave.  
Evansville, IN 47712-4968  
Ph.: (812) 464-9000  
Fax: (812) 465-5746

NIST NVLAP #1658

NIOSH PAT #47712-001

## ANALYSIS REPORT

Sample Type: Bulk  
Set #: 3603  
Lab ID: 35390  
Client ID: 7  
Other ID: McIntire - Rm. 8 -  
Ceiling Tile  
Date Received: 05-22-95  
Date Analyzed: 05-24-95

Edmonson Co. Board of Education  
P.O. Box 129  
Brownsville, KY 42210

National Laboratories, A Division of Consolidated Recycling Co., Inc., is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program, Lab ID #1658, for selected test method "40 CFR Chapter I (7-1-92 edition) Part 763, Subpart F, Appendix A", pages 546-551.

Sample Description: Tan/gold fibrous material with adhering paint

### ASBESTOS MINERALS

### ESTIMATED PERCENT

None Detected

### NON ASBESTOS COMPONENTS

### ESTIMATED PERCENT

Cellulose	99%
Paint	<1%

**NOTE:** Sample percentage can vary due to analyst subjectivity.

**Remarks:** This test report relates only to the items tested and cannot be used for product endorsement by NVLAP, or any agency of the U.S. Government. This sample will be disposed of by National Laboratories unless otherwise notified by client within ninety (90) days.

National Laboratories accepts full technical responsibility for this test report. Any questions concerning this report should be directed to Mr. David M. Cressler, P.E. This report must not be reproduced except in full.

Analyst

*Sharon Trent*

**A DIVISION OF CONSOLIDATED RECYCLING CO., INC.**



# NATIONAL LABORATORIES, INC.

Rivercity One  
3210 Claremont Ave.  
Evansville, IN 47712-4968  
Ph.: (812) 464-9000  
Fax: (812) 465-5746

NIST NVLAP #1658

NIOSH PAT #47712-001

## ANALYSIS REPORT

Sample Type: Bulk  
Set #: 3603  
Lab ID: 35389  
Client ID: 6  
Other ID: McIntire - Rm. 7 -  
Ceiling Tile  
Date Received: 05-22-95  
Date Analyzed: 05-24-95

Edmonson Co. Board of Education  
P.O. Box 129  
Brownsville, KY 42210

National Laboratories, A Division of Consolidated Recycling Co., Inc., is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program, Lab ID #1658, for selected test method "40 CFR Chapter I (7-1-92 edition) Part 763, Subpart F, Appendix A", pages 546-551.

Sample Description: Tan/gold fibrous material

ASBESTOS MINERALS

ESTIMATED PERCENT

None Detected

NON ASBESTOS COMPONENTS

ESTIMATED PERCENT

Cellulose

100%

**NOTE:** Sample percentage can vary due to analyst subjectivity.

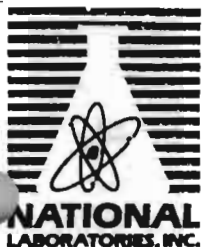
**Remarks:** This test report relates only to the items tested and cannot be used for product endorsement by NVLAP or any agency of the U.S. Government. This sample will be disposed of by National Laboratories unless otherwise notified by client within ninety (90) days.

National Laboratories accepts full technical responsibility for this test report. Any questions concerning this report should be directed to Mr. David M. Cressler, P.E. This report must not be reproduced except in full.

Analyst

*Sharon Trent*

**A DIVISION OF CONSOLIDATED RECYCLING CO., INC.**



# NATIONAL LABORATORIES, INC.

Rivercity One  
3210 Claremont Ave.  
Evansville, IN 47712-4968  
Ph.: (812) 464-9000  
Fax: (812) 465-5746

NIST NVLAP #1658

NIOSH PAT #47712-001

## ANALYSIS REPORT

Sample Type: Bulk  
Set #: 3603  
Lab ID: 35388  
Client ID: 5  
Other ID: McIntire - Rm. 11 -  
Ceiling Tile  
Date Received: 05-22-95  
Date Analyzed: 05-24-95

Edmonson Co. Board of Education  
P.O. Box 129  
Brownsville, KY 42210

National Laboratories, A Division of Consolidated Recycling Co., Inc., is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program, Lab ID #1658, for selected test method "40 CFR Chapter I (7-1-92 edition) Part 763, Subpart F, Appendix A", pages 546-551.

Sample Description: Tan/gold fibrous material with adhering paint

### ASBESTOS MINERALS

### ESTIMATED PERCENT

None Detected

### NON ASBESTOS COMPONENTS

### ESTIMATED PERCENT

Cellulose

99%

Paint

1%

**NOTE:** Sample percentage can vary due to analyst subjectivity.

**Remarks:** This test report relates only to the items tested and cannot be used for product endorsement by NVLAP or any agency of the U.S. Government. This sample will be disposed of by National Laboratories unless otherwise notified by client within ninety (90) days.

National Laboratories accepts full technical responsibility for this test report. Any questions concerning this report should be directed to Mr. David M. Cressler, P.E. This report must not be reproduced except in full.

Analyst

*Saron Trent*

**A DIVISION OF CONSOLIDATED RECYCLING CO., INC.**



# NATIONAL LABORATORIES, INC.

Rivercity One  
3210 Claremont Ave.  
Evansville, IN 47712-4968  
Ph.: (812) 464-9000  
Fax: (812) 465-5746

NIST NVLAP #1658

NIOSH PAT #47712-001

## ANALYSIS REPORT

Sample Type: Bulk  
Set #: 3603  
Lab ID: 35387  
Client ID: 4  
Other ID: McIntire - Rm. 4 -  
Ceiling Tile  
Date Received: 05-22-95  
Date Analyzed: 05-24-95

Edmonson Co. Board of Education  
P.O. Box 129  
Brownsville, KY 42210

National Laboratories, A Division of Consolidated Recycling Co., Inc., is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program, Lab ID #1658, for selected test method "40 CFR Chapter I (7-1-92 edition) Part 763, Subpart F, Appendix A", pages 546-551.

Sample Description: Tan/gold fibrous material with adhering paint

### ASBESTOS MINERALS

### ESTIMATED PERCENT

None Detected

### NON ASBESTOS COMPONENTS

### ESTIMATED PERCENT

Cellulose

99%

Paint

<1%

**NOTE:** Sample percentage can vary due to analyst subjectivity.

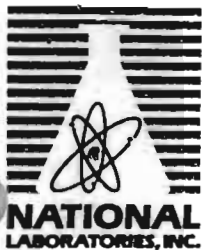
**Remarks:** This test report relates only to the items tested and cannot be used for product endorsement by NVLAP or any agency of the U.S. Government. This sample will be disposed of by National Laboratories unless otherwise notified by client within ninety (90) days.

National Laboratories accepts full technical responsibility for this test report. Any questions concerning this report should be directed to Mr. David M. Cressler, P.E. This report must not be reproduced except in full.

Analyst

*Sharon Trent*

**A DIVISION OF CONSOLIDATED RECYCLING CO., INC.**



# NATIONAL LABORATORIES, INC.

Rivercity One  
3210 Claremont Ave.  
Evansville, IN 47712-4968  
Ph.: (812) 464-9000  
Fax: (812) 465-5746

NIST NVLAP #1658

NIOSH PAT #47712-001

## ANALYSIS REPORT

Sample Type: Bulk  
Set #: 3603  
Lab ID: 35386  
Client ID: 3  
Other ID: McIntire - Rm. 1 -  
Ceiling Tile  
Date Received: 05-22-95  
Date Analyzed: 05-24-95

Edmonson Co. Board of Education  
P.O. Box 129  
Brownsville, KY 42210

National Laboratories, A Division of Consolidated Recycling Co., Inc., is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program, Lab ID #1658, for selected test method "40 CFR Chapter I (7-1-92 edition) Part 763, Subpart F, Appendix A", pages 546-551.

Sample Description: Tan/gold fibrous material with adhering paint

### ASBESTOS MINERALS

### ESTIMATED PERCENT

None Detected

### NON ASBESTOS COMPONENTS

### ESTIMATED PERCENT

Cellulose

99%

Paint

<1%

**NOTE:** Sample percentage can vary due to analyst subjectivity.

**Remarks:** This test report relates only to the items tested and cannot be used for product endorsement by NVLAP or any agency of the U.S. Government. This sample will be disposed of by National Laboratories unless otherwise notified by client within ninety (90) days.

National Laboratories accepts full technical responsibility for this test report. Any questions concerning this report should be directed to Mr. David M. Cressler, P.E. This report must not be reproduced except in full.

Analyst

*Sharon Trent*

**A DIVISION OF CONSOLIDATED RECYCLING CO., INC.**



# NATIONAL LABORATORIES, INC.

Rivercity One  
3210 Claremont Ave.  
Evansville, IN 47712-4968  
Ph.: (812) 464-9000  
Fax: (812) 465-5746

NIST NVLAP #1658

NIOSH PAT #47712-001

## ANALYSIS REPORT

Sample Type: Bulk  
Set #: 3603  
Lab ID: 35385  
Client ID: 2-~~XXXXXX~~  
Other ID: McIntire - Rm. 6 -  
Ceiling Tile  
Date Received: 05-22-95  
Date Analyzed: 05-24-95

Edmonson Co. Board of Education  
P.O. Box 129  
Brownsville, KY 42210

National Laboratories, A Division of Consolidated Recycling Co., Inc., is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program, Lab ID #1658, for selected test method 40 CFR Chapter I (7-1-92 edition) Part 763, Subpart F, Appendix A, pages 546-551.

Sample Description: Tan/gold fibrous material with adhering paint

### ASBESTOS MINERALS

### ESTIMATED PERCENT

None Detected

### NON ASBESTOS COMPONENTS

### ESTIMATED PERCENT

Cellulose

99%

Paint

1%

**NOTE:** Sample percentage can vary due to analyst subjectivity.

**Remarks:** This test report relates only to the items tested and cannot be used for product endorsement by NVLAP or any agency of the U.S. Government. This sample will be disposed of by National Laboratories unless otherwise notified by client within ninety (90) days.

National Laboratories accepts full technical responsibility for this test report. Any questions concerning this report should be directed to Mr. David M. Cressler, P.E. This report must not be reproduced except in full.

Analyst

**A DIVISION OF CONSOLIDATED RECYCLING CO., INC.**



# NATIONAL LABORATORIES, INC.

Rivercity One  
3210 Claremont Ave.  
Evansville, IN 47712-4968  
Ph.: (812) 464-9000  
Fax: (812) 465-5746

NIST NVLAP #1658

NIOSH PAT #47712-001

## ANALYSIS REPORT

Sample Type: Bulk  
Set #: 3603  
Lab ID: 35384  
Client ID: 1 -   
Other ID: McIntire - Hall -  
          Ceiling Tile  
Date Received: 05-22-95  
Date Analyzed: 05-24-95

Edmonson Co. Board of Education  
P.O. Box 129  
Brownsville, KY 42210

National Laboratories, A Division of Consolidated Recycling Co., Inc., is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program, Lab ID #1658, for selected test method "40 CFR Chapter I (7-1-92 edition) Part 763, Subpart F, Appendix A", pages 546-551.

Sample Description: Tan/gold fibrous material with adhering paint

### ASBESTOS MINERALS

### ESTIMATED PERCENT

None Detected

### NON ASBESTOS COMPONENTS

### ESTIMATED PERCENT

Cellulose	99%
Paint	1%

**NOTE:** Sample percentage can vary due to analyst subjectivity.

**Remarks:** This test report relates only to the items tested and cannot be used for product endorsement by NVLAP or any agency of the U.S. Government. This sample will be disposed of by National Laboratories unless otherwise notified by client within ninety (90) days.

National Laboratories accepts full technical responsibility for this test report. Any questions concerning this report should be directed to Mr. David M. Cressler, P.E. This report must not be reproduced except in full.

Analyst

*Sharon Trent*

**A DIVISION OF CONSOLIDATED RECYCLING CO., INC.**

AHERA REINSPECTION REPORT - KENTUCKY

LEA Edmonson County Schools SCHOOL McIntire Hall

Introduction. The Asbestos Hazard Emergency Response Act (AHERA) requires Local Education Agencies (LEAs) to use accredited inspectors to reinspect asbestos-containing building materials (ACBM) which were identified in previous AHERA inspection(s). Reinspection are required at least once every three years after the management plan goes into effect for those school buildings whose last inspection/reinspection identified ACBM. For most schools, this means reinspection must be done by July 9, 1992, and the results submitted to the LEA and the Division of Air Quality within 30 days after the reinspection. Results would include information regarding (1) reinspected and newly discovered ACBM (amounts, assessments, sampling information, etc.); (2) any needed revisions by accredited management planners and LEAs to response actions planned; (3) records of periodic surveillance, O&M training, O&M activities, fiber releases, and response actions taken; and (4) accreditations, assurances, annual plan-availability notifications to parents and employees, and other AHERA-required information.

Instructions for completing this form: Complete either item I. or item II., below, as appropriate. Do not complete this form if no ACBM was identified in the last inspection/reinspection.

I. Reinspection results show no change to information in existing management plan. (If checked, then accredited inspector needs to attach a newly completed Form 5.0 and current accreditation certificates, and LEA representatives and inspector need to sign the assurances immediately below. Also include in the submittal the information identified in items (3) and (4), above.)

I affirm that an accredited AHERA inspector has reinspected all confirmed and assumed ACBM identified in previous AHERA inspections/reinspections and, if applicable, has verified (attach verification) removal of previously identified ACBM which has removed since the last inspection/reinspection.

Accredited Inspector's Signature/Date \_\_\_\_\_

LEA Designated Person's Signature/Date \_\_\_\_\_

LEA Superintendent's Signature/Date \_\_\_\_\_

Reinspection Date \_\_\_\_\_

II. Reinspection reports show change to information in management plan. (If checked, then the items identified in I., above, must be submitted, along with all revised or new homogeneous area forms, revised or new responses recommended by management planner and selected by LEA, and sampling methodology and results.)

Number of 6.0 Forms attached 1 (one for each homogeneous area, or HA)

Number of 6.1 Forms attached \_\_\_\_\_

Number of 3.0 Forms attached 1

Number of 3.1 Forms attached \_\_\_\_\_ (one for each response in each HA)

Number of samples taken \_\_\_\_\_

I affirm that an accredited AHERA inspector has reinspected all confirmed and assumed ACBM identified in previous AHERA inspections/reinspection and has verified (attach verification) removal of previously identified ACBM which was removed since the last inspection/reinspection.

Accredited Inspector's Signature/Date Wallace Lyle 6/2/92

LEA Designated Person's Signature/Date Billy N. Clemmons 6/5/92

Accredited Management Planner's Signature/Date Wallace Lyle 6/2/92

LEA Superintendent's Signature/Date X Duell F. Wall 6-8-92

Reinspection Date 04/23/92 Effective Date of Management Plan Revisions 06/01/92



- ASSESSMENT CATEGORIES
- 1- Damaged/significantly damaged TSI
  - 2- Damaged friable SURFACING ACM
  - 3- Significantly damaged friable SURFACING ACM
  - 4- Damaged or significantly damaged friable MISCELLANEOUS ACM
  - 5- ACBM with potential for damage
  - 6- ACBM with potential for significant damage
  - 7- Any remaining friable ACBM or friable suspected ACBM

AREA	FUNCTION SPACE	MATERIAL TYPE	DESCRIPTION	HA#	FS#	QUANTITIES	Lin. Ft.	Sq. Ft.	START DATE	COMPL. DATE
------	----------------	---------------	-------------	-----	-----	------------	----------	---------	------------	-------------

	1 x 2 Ceiling Tile							5			04/92	04/95

RESPONSE ACTIONS  
 RECOMMENDED BY MANAGEMENT PLANNER

SCHOOL: McIntire Hall  
 SCHOOL NAME

LEA: Edmonson County Schools  
 LEA NAME

MGT. PLAN DATE

KDOE AHERA 3.0 June 1, 1988 KENTUCKY DEPARTMENT OF EDUCATION - DIVISION OF BUILDINGS & GROUNDS

MANAGEMENT PLANNER SIGNATURE: *Walleck* DATE: 6/2/92

SCHOOL NO. 999  
 LEA NO. 151

BUILDING STATISTICS (OPTIONAL) DATE BUILT AREA NAME, ADDITION, WING ETC. USE TOTAL AREA FLOORS

NOTES:

CONSTRUCTION INFORMATION (OPTIONAL) FLOOR STRUCTURE: ROOF STRUCTURE:

WALLS: Masonry Veneer Solid Masonry/ Conc. Wood Concrete Steel other

DOCUMENT SUMMARY (OPTIONAL) Floor Plans Sections Finish Schedules Specifications Mech. Drawings As Built Drawings Past Surveys In-House Sampling Reports Past Abatement Projects Past Abatement Specifications Past Abatement Drawings

INSPECTION INFORMATION ATTACH COPY OF TRAINING COURSE CERTIFICATE FOR EACH MEMBER TEAM MEMBERS (PRINT OR TYPE) SIGNATURE Wallace Lyle ACCREDITATION NO. P92-02-0091 TITLE Mgt. Planner

SURVEY DATE(S) SURVEY TIME(S)

SCHOOL INFORMATION FORM LEA: Edmonson County Schools LEA NAME SCHOOL: McIntire Hall SCHOOL NAME ADDRESS: HC 88, P. O. Box 68, Brownsville, KY 42210

EXPOSURE CONSIDERATIONS - OPTIONAL

(Rated 1 as Best & 5 as Worst)

- |                       |                       |                        |   |
|-----------------------|-----------------------|------------------------|---|
| A. DETERIORATION      | G. LENGTH OF EXPOSURE | H. EXPOSURE POPULATION | ASSESSMENT CATEGORIES   |
| B. PHYSICAL DAMAGE    | 1. 1 HR/WK            | 1. MAINT. ONLY         | 1- Damaged/significantly damaged TSI                          |
| C. WATER DAMAGE       | 2. 5 HRS/WK           | 2. 1 & CUSTODIAN       | 2- Damaged friable SURFACING ACM                              |
| D. ACTIVITY/VIBRATION | 3. 10 HRS/WK          | 3. 2 & FACULTY         | 3- Significantly damaged friable SURFACING ACM                |
| E. EXPOSURE           | 4. 20 HRS/WK          | 4. 3 & STUDENTS        | 4- Damaged or significantly damaged friable MISCELLANEOUS ACM |
| F. ACCESSIBILITY      | 5. 40 HRS/WK          | 5. 4 & PUBLIC          | 5- ACM with potential for damage                              |
|                       |                       |                        | 6- ACM with potential for significant damage                  |
|                       |                       |                        | 7- Any remaining friable ACM or friable suspected ACM         |

SAMPLE NO.	BIA #	EXIST RM.#	INSPECTION AREA NAME	ASBESTOS TYPE/%	EXPOSURE CONSIDERATIONS								ASSMT. CAT.	QUANTITIES			TOTALS		
					A	B	C	D	E	F	G	H		LENGTH	WD.	DIA.	LF	SF	
			1x2 DCT 1st F1											5	66	54			3,564
			1x2 DCT 2nd F1											5	70	54			3,780
GRAND TOTAL													7,344	S	F				

AREAS INCLUDED IN HOMOGENEOUS AREA

MISCELLANEOUS QUANTITY CALCULATIONS

CONFIRMED ASSUMED NO ACM

ACBM F  NF  F  NF

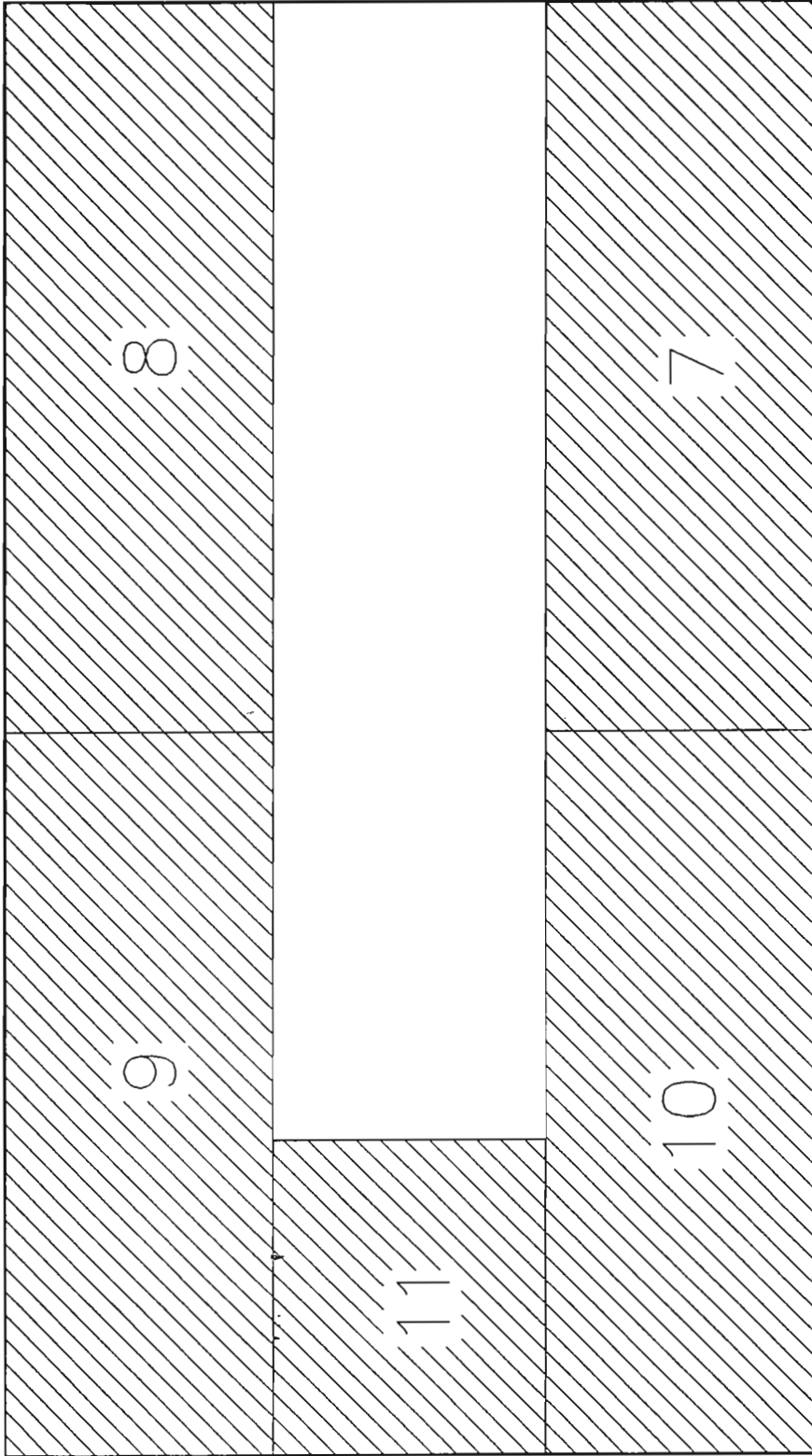
MATERIAL DESCRIPTION/ADDITIONAL REASONS FOR ASSESSMENT  
1 x 2 DCT

SAMPLING DATE: / /  
 INSPECTOR: Wallace Lyle  
 SIGNATURE: *Wallace Lyle*  
 LEA: Edmonson County Schools  
 SCHOOL: McIntire Hall

NO. 1 5 1  
 NO. 9 9 9

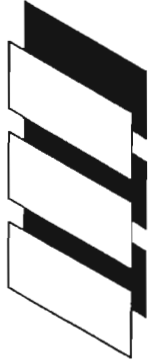
HOMOGENEOUS AREA FORM ...  
 LEGEND  
 BIA# BUILDING INSPECTION AREA NUMBER  
 INSPECTOR ASSIGNED NO. FOR CONTROL  
 THERMAL (TSI)  SURFACING  MISC. X  
 MAT. TYPE: 1 x 2 Drop Ceiling Tile

DRAWING NO. \_\_\_\_\_ HA: \_\_\_\_\_  
 GENERIC ASSIGNED



EDMONSON COUNTY  
 MCINTIRE HALL  
 2nd Floor Plan

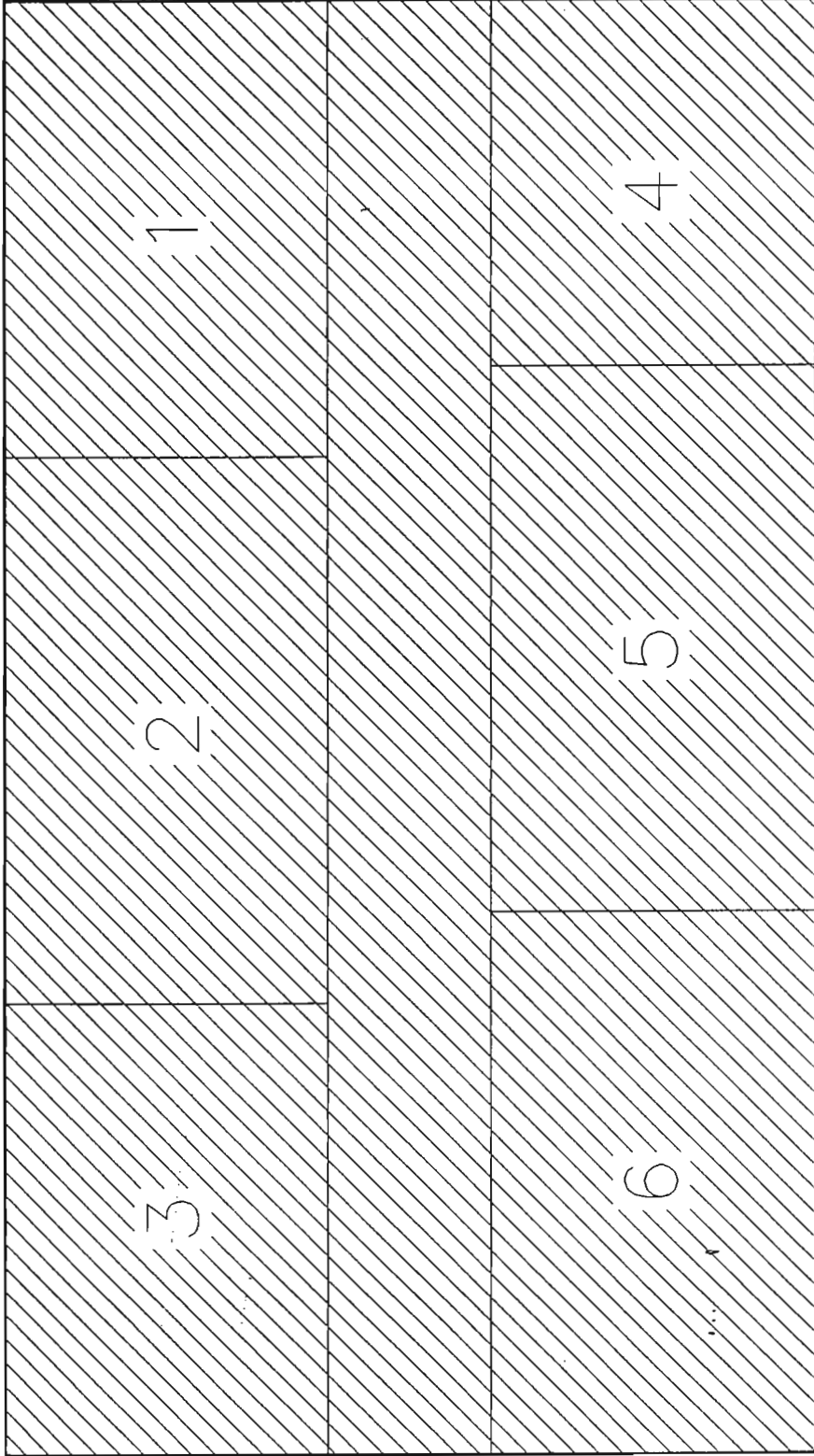
DRAWING NO. MH-02	DATE 5/15/92
PROJECT NO. 92074-3	DRAWN GLR
SCALE: NO SCALE	REVISED



ANALYTICAL MANAGEMENT INC.  
 A SUBSIDIARY OF MCCOY & MCCOY, INC.

HOMOGENEOUS AREAS 

1 x 2 DCT



HOMOGENEOUS AREAS 

1 x 2 DCT

EDMONSON COUNTY  
 McINTIRE HALL  
 1st Floor Plan

DRAWING NO. MH-01	DATE 5/15/92
PROJECT NO. 92074-3	DRAWN GLR
SCALE: NO SCALE	REVISED



# **Response Activities**

**ENVIRONMENTAL RECOVERY SYSTEMS, INC.**

902 W. Main Street

Glasgow, Kentucky 42141

(502) 651-5052 or (502) 678-7686

**Edmonson County Board of Education**

**(Tandy Building)**

EDMONSON COUNTY BOARD OF EDUCATION  
P.O. BOX 129 - TELEPHONE 502-597-2101  
BROWNSVILLE, KY 42210  
502-597-2103 TELECOPIER

Mr. Darrell Cassady,  
Superintendent

*Tandy McIntyre Hall Asbestos Management Plan*

*November 28, 1997*

*On November 24, 25, and 26th Environmental Recovery Systems Inc. from Glasgow removed all 9" floor tile, mastic and asbestos contained boiler materials. Environmental Recovery Systems Disposed of all materials.*

*The work areas were properly contained and the air was monitored throughout the job.*

*This has gotten all ACM removed from this building.*

*Lannig Dewees*



*Asbestos Coordinator  
Edmonson Co. Schools*



1508 Western Avenue  
Bowling Green, Ky 42104

Page 1 of 3  
Initial Submittal Date 11-14-97

Revision Date  
Notification # 97. 121

NOTIFICATION OF ASBESTOS ABATEMENT/DEMOLITION/RENOVATION

Description of planned renovation/demolition  
master. 2 boilers 1,232 S.F. of floor tile

Description of affected facility components  
Floor tile & boilers.

Asbestos detection technique  
Unknown

Amount of nonfriable ACM involved but will not be removed: -0- Sq Ft

Describe physical characteristics that make it nonfriable and methods to keep it nonfriable  
N/A

Describe contingency plan should nonfriable ACM become friable or additional

ACM be uncovered during renovation/demolition: Spray with amended water, keep wet

throughout then encapsulate, notify EPA immediately

Transporter: Environmental Recovery Systems, Inc.

Address 902 W. Main Street

City Glasgow State KY Zip 42141

Phone (502) 651-5052

Disposal Site Bluegrass Containment, Inc.

Address 96 Mt. Zion

City Glasgow State KY Zip 42141

Phone (502) 274-9409

Disposal Amount (Cu Yds)

Disposal Schedule

Submitted by: Amanda F. Read

Environmental Recovery Systems, Inc. 11-14-97  
(Your Company Name) (date)

Contractor: Environmental Recovery Systems, Inc.  
Address 902 W. Main Street  
City Glasgow KY State KY Zip 42141

Phone (502) 651-5052 Contact Person Amanda F. Read

Owner Edmonson County SOE  
Address P.O. Box 129  
City Brownsville State KY Zip 42210

Phone 502-597-2173 Contact Person Mr. Lannie DeWeese

Project Location Jandy Building  
Address Hwy 259  
City Brownsville County Edmonson State KY Zip 42210

Facility Age (yrs) (Unknown) Size of Facility or Affected Part (Sq Ft)  
#Floors Affected Present or Prior Use of Facility

TYPE OF PROJECT (CHECK ONLY ONE):  
Renovation  Demolition \_\_\_\_\_ Ordered Demolition \_\_\_\_\_ Emergency \_\_\_\_\_ Long-Term \_\_\_\_\_

PROJECT DATES:  
Start Prep Work 11/24/97 Start Removal 11/24/97 End Removal 11/29/97

Start Renovation/Demolition \_\_\_\_\_ End Renovation/Demolition \_\_\_\_\_  
Date previously reported: Phone \_\_\_\_\_ Telefax \_\_\_\_\_ Other \_\_\_\_\_

Amount of ACM to be Removed:	friable or nonfriable, will		Abatement Technique:	
	potentially friable	remain nonfriable	(May check more than one)	
linear ft			full containment	glovebag
square ft			mini-containment	wrap & cut
cubic ft			wet/open-air	criticals
			RFCl	vac-truck
			Alternate	

We are requesting approval of an alternate procedure for the above material to be placed in 6-Mil doubled bags instead of drums. We will minimize breakage through careful handling from the time it leaves the work area to the sealed trailer and then to the approved landfill. The reason being it is time efficient and it cuts down on disposal space at the landfill.

## DECLARATION OF NONFRIABLE REMOVAL

### CARPET/FLOOR TILE/MASTIC

Instructions: If you will be removing a nonfriable material in a manner which will not render the material friable, then you have a nonfriable removal. Examples on nonfriable throughout removal and disposal are resilient floor coverings (linoleum, vinyl tile, etc.) and mastics, built-up roofs, asphalt shingles, and pliable gaskets when these material are in good condition prior to removal. Methods capable of keeping these material nonfriable are based upon minimal disturbance (i.e., no grinding, abrading, pulverizing, crumbling, or burning).

If your removal will be a nonfriable one and you are seeking a relaxation of notification, certification, and/or work-practice requirements, you must complete this form or an equivalent.

1. Describe the characteristics that make the material to be removed nonfriable.

Adhesive bond compound. Tar material.

2. Describe how this material will be kept nonfriable.

All floor tile and carpet will be thoroughly wetted with amended water. Then the floor tile and carpet will be removed and encapsulated. Carpet and floor tile will be double-wrapped in 6-Mil poly bags and then placed into a sealed trailer lined with two (2) layers of 6-Mil poly. All workers will be wearing two (2) tyvek suits and half-face respirators with HEPA filter during removal. We will be using criticals in lieu of a three (3) room decon.

## ALTERNATE PROCEDURES REQUEST FORM

### BOILER GASKET MATERIAL

Instructions: Complete this form and submit with your project notification whenever it is infeasible to use any of the regulation-required work practices of 401 KAR 63:042, Section 4, for removing friable potentially friable materials (but not for nonfriables that will remain nonfriable).

1. Identify all Section 4 procedures that are infeasible for this project:

No drums will be used. No Full Decon. No Containment. No Negative Air.

2. Explain why they are infeasible:

Drums will not be used to save space at a landfill. All heater gasket material will be double wrapped with 6-Mil poly. A three (3) room decon will be used in lieu of a full decon as contamination will be very minimal as there will be no visible fiber release. Negative air will not be used as contamination will be very minimal as there will be no visible fiber release.

3. Identify your proposed alternative procedures:

All boiler gasket material will be thoroughly wetted with amended water, then the boiler gasket material will be removed. The boiler gasket material will be double-wrapped in 6-Mil poly and placed into a sealed trailer lined with plastic to prevent any fiber release from occurring while being transported to a state approved landfill. After all boiler gasket material has been removed the entire area will be HEPA vacuumed and inspected. We will be using a three (3) room decon consisting of a clean room, airlock, and dirty room. Each worker will be wearing two (2) tyvek suits during removal.

4. Explain how your proposed alternatives will provide equivalent asbestos control:

Adhesive tape compound, which during removal will be kept wet with amended water to reduce release of any fibers into the air. We have never had an air sample test above .01 fiber/CC.

# FAX COVER SHEET

## ENVIRONMENTAL RECOVERY SYSTEMS, INC.

902 W. Main Street  
Glasgow, Kentucky 42141

Phone: (502) 651-5052

FAX: (502) 651-1786

<b>SEND TO</b>	<b>From</b>
EDMONSON COUNTY BOE	MS. AMANDA F. READ
<b>Attention</b>	<b>Date</b>
MR. LANNIE DE WEESE	12-2-97
<b>Fax number</b>	<b>Phone number</b>
1-502-597-2103	1-502-597-2101

Urgent    
 Reply ASAP    
 Please comment    
 Please review    
 For your Information

Total pages, including cover:   2  

### COMMENTS

MR. DE WEESE,

I AM SENDING YOU A INVOICE FOR THE ASBESTOS REMOVAL AT THE TANDY BUILDING.

PLEASE NOTE THAT I HAVE ALSO PUT A HARD COPY IN THE MAIL TODAY ALSO.

IF YOU SHOULD NEED ANY FURTHER INFORMATION PLEASE JUST LET ME KNOW.

THANK YOU.

### INVOICE

## ENVIRONMENTAL RECOVERY SYSTEMS, INC.

4383 Roseville Road  
Glasgow, Kentucky 42141  
(502) 651-5052

TO: EDMONSON COUNTY BOE  
P.O. BOX 129  
BROWNSVILLE, KENTUCKY 42210  
ATTN.: MR. LANNIE DE WEESE

DATE: 12-2-97

JOB LOCATION: TANDY BUILDING

ASBESTOS ABATEMENT:

REMOVAL & DISPOSAL OF 1,232 SQUARE FEET OF FLOOR TILE:

\$5,480.00

TOTAL AMOUNT:

\$5,480.00

LESS RETAINAGE:

\$0.00

LESS PREVIOUS INVOICE:

\$0.00

NET/10 DAYS

TOTAL AMOUNT DUE:

\$5,480.00

**Proposal**  
**ENVIRONMENTAL RECOVERY SYSTEMS, INC.**

902 W. Main Street  
Glasgow, Kentucky 42141  
(502) 651-5052 or (502) 651-2050

Submitted to: Edmonson County Board of Education  
P.O. Box 129  
Brownsville, Kentucky 42210  
ATTN: Mr. Lannie De Weese

Date: 9-4-97

Phone: (502) 597-2172

Job Location: TANDY Building

We hereby submit specifications and estimates for: ASBESTOS ABATEMENT

Removal & Disposal of Floor Tile, Mastic & Carpet \$5,480.00

Removal & Disposal of Asbestos Containing Material From One (1) Boiler

General Clean-up of Walls & Floors in Boiler Room of Asbestos Debris

General Clean-up of Asbestos Debris From Various Areas

Air Monitoring Included

All work will be done in strict accordance with all EPA and OSHA Rules and Regulations

We propose hereby to furnish material and labor--complete in accordance with above specifications, for the lump sum of: \$5,480.00

Five Thousand Four Hundred Eighty and No Cents dollars (\$5,480.00)

Payment to be made as follows: Monthly Draw Percentage of Completion

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado, and other necessary insurance. Our workers are fully covered by Workman's Comp. Ins.

AUTHORIZED SIGNATURE: 

\*\*Note: This proposal may be withdrawn within \_\_\_\_\_ days.

ACCEPTANCE SIGNATURE: \_\_\_\_\_

1508 Western Avenue  
Bowling Green, Ky 42104

Page 1 of 3  
Initial Submittal Date 11-14-97  
Revision Date 97. 121

NOTIFICATION OF ASBESTOS ABATEMENT/DEMOLITION/RENOVATION

ID# \_\_\_\_\_  
LOG # \_\_\_\_\_

Contractor: Environmental Recovery Systems, Inc.  
Address: 902 W. Main Street  
City: Glasgow State: KY Zip: 42141

Owner: Edmonson County 80E  
Address: P.O. Box 129  
City: Broussille State: Ky Zip: 42210

Project Location: Jandy Building  
Address: Hwy 259  
City: Broussille County: Edmonson State: Ky Zip: 42210

Facility Age (yrs): Unknown Size of Facility or Affected Part (Sq Ft):  
Floors Affected: Present or Prior Use of Facility:  
Type of Project (CHECK ONLY ONE):  
Renovation  Demolition  Ordered Demolition  Emergency  Long-Term

PROJECT DATES:  
Start Prep Work: 11/24/97 Start Removal: 11/24/97 End Removal: 11/29/97  
Start Renovation/Demolition: End Renovation/Demolition:

Date previously reported: Phone: \_\_\_\_\_ Telefax: \_\_\_\_\_ Other: \_\_\_\_\_

Amount of ACM to be Removed: friable or potentially friable nonfriable, will remain nonfriable Abatement Technique: (May check more than one)

linear ft		full containment	glovebag
square ft		mini-containment	wrap & cull
cubic ft		wet/dry-air	criticals
		RFCl	vac-truck
		Alternate	

Description of planned renovation/demolition: 1,232 S.E. of floor tile  
removal of 2 Boilers  
Description of affected facility components: 7 floor tile & Boilers

Asbestos detection technique: Unknown  
Amount of nonfriable ACM involved but will not be removed: 0.0 Sq Ft  
Describe physical characteristics that make it nonfriable and methods to keep it nonfriable: N/A

Describe contingency plan should nonfriable ACM become friable or additional ACM be uncovered during renovation/demolition: Spray with amended water, keep wet throughout then encapsulate, notify EPA immediately.

Transporter: Environmental Recovery Systems, Inc.  
Address: 902 W. Main Street  
City: Glasgow State: KY Zip: 42141  
Phone: (502) 651-5052

Disposal Site: Bluegrass Containment, Inc.  
Address: 96 Mt. Zion  
City: Glasgow State: KY Zip: 42141  
Phone: (502) 274-9409

Disposal Schedule: \_\_\_\_\_  
Submitted by: Amanda F. Read  
Environmental Recovery Systems, Inc.  
(Your Company Name)  
11-14-97  
(date)

FROM: ENVIRONMENTAL RECOVERY SYSTEMS PHONE NO.: 5026511786  
We are requesting approval of an alternate procedure for the above material to be placed in 6-Mil doubled bags instead of drums. We will minimize breakage through careful handling from the time it leaves work area to the seal and then to the approved landfill. The reason being it is time efficient and it cuts down disposal space at the landfill.

## DECLARATION OF NONFRIABLE REMOVAL

### CARPET/FLOOR TILE/MASTIC

Instructions: If you will be removing a nonfriable material in a manner which will not render the material friable, then you have a nonfriable removal. Examples on nonfriable throughout removal and disposal are resilient floor coverings (linoleum, vinyl tile, etc.) and mastics, built-up roofs, asphalt shingles, and pliable gaskets when these material are in good condition prior to removal. Methods capable of keeping these material nonfriable are based upon minimal disturbance (i.e., no grinding, abrading, pulverizing, crumbling, or burning).

If your removal will be a nonfriable one and you are seeking a relaxation of notification, certification, and/or work-practice requirements, you must complete this form or an equivalent.

1. Describe the characteristics that make the material to be removed nonfriable.

Adhesive bond compound. Tar material.

2. Describe how this material will be kept nonfriable.

All floor tile and carpet will be thoroughly wetted with amended water. Then the floor tile and carpet will be removed and encapsulated. Carpet and floor tile will be double-wrapped in 6-Mil poly bags and then placed into a sealed trailer lined with two (2) layers of 6-Mil poly. All workers will be wearing two (2) tyvek suits and half-face respirators with HEPA filter during removal. We will be using criticals in lieu of a three (3) room decon.



## ALTERNATE PROCEDURES REQUEST FORM

### BOILER GASKET MATERIAL

Instructions: Complete this form and submit with your project notification whenever it is infeasible to use any of the regulation-required work practices of 401 KAR 63:042, Section 4, for removing friable potentially friable materials (but not for nonfriables that will remain nonfriable).

1. Identify all Section 4 procedures that are infeasible for this project:

No drums will be used. No Full Decon. No Containment. No Negative Air.

2. Explain why they are infeasible:

Drums will not be used to save space at a landfill. All heater gasket material will be double wrapped with 6-Mil poly. A three (3) room decon will be used in lieu of a full decon as contamination will be very minimal as there will be no visible fiber release. Negative air will not be used as contamination will be very minimal as there will be no visible fiber release.

3. Identify your proposed alternative procedures:

All boiler gasket material will be thoroughly wetted with amended water, then the boiler gasket material will be removed. The boiler gasket material will be double-wrapped in 6-Mil poly and placed into a sealed trailer lined with plastic to prevent any fiber release from occurring while being transported to a state approved landfill. After all boiler gasket material has been removed the entire area will be HEPA vacuumed and inspected. We will be using a three (3) room decon consisting of a clean room, airlock, and dirty room. Each worker will be wearing two (2) tyvek suits during removal.

4. Explain how your proposed alternatives will provide equivalent asbestos control:

Adhesive tape compound, which during removal will be kept wet with amended water to reduce release of any fibers into the air. We have never had an air sample test above .01 fiber/CC.

# Q.A.M.

## QUALITY AIR MANAGEMENT

2270 BURKESVILLE ROAD  
GLASGOW, KY 42141  
(502) 651-9227

### AIRBORNE FIBER ANALYSIS FORM

PROJECT NAME: Edmonson County Board of Education (Tandie McIntire Hall) PROJECT LOCATION: Brownsville, KY

PROJECT CONTRACTOR: Environmental Recovery Systems, Inc. PROJECT SUPERVISOR: Jon Younkin

SAMPLE ID	DATE SAMPLED	SPECIFIC AREA COLLECTED IF PR SAMPLE - LIST NAME & S.S.	SAMPLE TYPE CODE	PRE CALL BRATION	POST CALL BRATION	TIME ON	TIME OFF	FIBERS/ FIELD	VOLUME (V)	FIBERS/ CC (*F/CC)	
	DATE ANALYZED										SAMPLE LOCATION CODE
TMH #1	11-25-97	Inside Boiler Room IB/IWA	IA	10	10	800	19/100	3000	0.003		
TMH #2	11-25-97	Entrance to Decon Unit IB/OWA	OA	10	10	803	3/100	3000	<0.01		
TMH #3	11-25-97	Area Next to Kitchen IB/IWA	IA	10	10	805	4/100	3000	0.001		
TMH #4	11-25-97	Outside Door to Basement OB/OWA	OA	10	10	808	2/100	3000	<0.01		
TMH #5	11-25-97	Wesley Wallace (407-94-9144) Removal on Boiler IB/IWA	PR STEL	1.5	1.5	800	1/100	45	0.011		

COMMENTS: COLLECTED BY: *[Signature]* ANALYZED BY: *[Signature]*

SAMPLE TYPE CODE: AM - AMBIENT PR - PERSONNEL STEL - SHORT TERM EXPOSITION LIMIT IA - INSIDE AREA OA - OUTSIDE AREA BL - FIELD BLANK CL - CLEARANCE WITH OR DAMAGED  
SAMPLE LOCATION CODE: OB - OUTSIDE BUILDING IB - INSIDE BUILDING OWA - OUTSIDE WORK AREA IWA - INSIDE WORK AREA UNC - UNCOUNTABLE

\*F/CC RESULTS CODE:  
FTD - FILTER TAMPED

# Q.A.M.

## QUALITY AIR MANAGEMENT

2270 BURKESVILLE ROAD  
GLASGOW, KY 42141  
(502) 651-9227

### AIRBORNE FIBER ANALYSIS FORM

PROJECT NAME: Edmonson County Board of Education (Tandie McIntire Hall) PROJECT LOCATION: Brownsville, KY

PROJECT CONTRACTOR: Environmental Recovery Systems, Inc. PROJECT SUPERVISOR: Jon Younkin

SAMPLE ID	DATE SAMPLED	SPECIFIC AREA COLLECTED IF PR SAMPLE - LIST NAME & S.S. SAMPLE LOCATION CODE	SAMPLE TYPE CODE	PRE CALL BRATION	POST CALL BRATION	TIME ON	FIBERS/ FIELD	VOLUME (V)	FIBERS/ CC (F/CC)
	DATE ANALYZED					TIME OFF			
TMH #6	11-25-97	Wesley Wallace (407-94-9144) Removal on Boiler IB/IWA	PR	1.5	1.5	830	2/100	405	0.002
						1300			
TMH #7	11-25-97	Wesley Wallace (407-94-9144) Floor Tile Removal IB/IWA	PR	1.5	1.5	1300	0/100	360	<0.01
						1700			
TMH #8	11-25-97	Outside Door to Basement OB/OWA	OA	10	10	1300	1/100	2400	0.002
						1700			
TMH #9	11-25-97	Clearance North Wall- Boiler Room IB/IWA	CL	10	10	1300	7/100	2400	0.001
						1700			
TMH #10	11-25-97	Clearance South Wall- Boiler Room IB/IWA	CL	10	10	1303	4/100	2400	0.001
						1703			

COMMENTS:

COLLECTED BY: *[Signature]*  
ANALYZED BY: *[Signature]*

\*F/CC RESULTS CODE:  
FTD - FILTER TAMPERED  
WITH OR DAMAGED  
UNC - UNCOUNTABLE

SAMPLE TYPE CODE: AM - AMBIENT PR - PERSONNEL STEL - SHORT TERM EXERCION LIMIT IA - INSIDE AREA OA - OUTSIDE AREA BL - FIELD BLANK CL - CLEARANCE  
SAMPLE LOCATION CODE: OB - OUTSIDE BUILDING IB - INSIDE BUILDING OWA - OUTSIDE WORK AREA IWA - INSIDE WORK AREA

# Q.A.M.

## QUALITY AIR MANAGEMENT

2270 BURKESVILLE ROAD  
 GLASGOW, KY 42141  
 (502) 651-9227

### AIRBORNE FIBER ANALYSIS FORM

PROJECT NAME: Edmonson County Board of Education (Tandie McIntire Hall) PROJECT LOCATION: Brownsville, KY

PROJECT CONTRACTOR: Environmental Recovery Systems, Inc. PROJECT SUPERVISOR: Jon Younkin

SAMPLE ID	DATE SAMPLED	SPECIFIC AREA COLLECTED IF PR SAMPLE - LIST NAME & S.S. SAMPLE LOCATION CODE	SAMPLE TYPE CODE	PRE CALI-BRATION	POST CALI-BRATION	TIME ON	FIBERS/ FIELD	VOLUME (V)	FIBERS/ CC (*F/CC)
	DATE ANALYZED					TIME OFF			
TMH #11	11-25-97	Clearance Center- Boiler Room IB/I/WA	CL	10	10	1306	11/100	2400	0.002
TMH #12	11-25-97	Clearance East Wall- Boiler Room IB/I/WA	CL	10	10	1706	5/100	2400	0.001
						1308			
TMH #13	11-25-97	Clearance West Wall- Boiler Room IB/I/WA	CL	10	10	1708	6/100	2400	0.001
						1310			
TMH #14	11-25-97	Field Blank	BL			1710	0/100		0/100
TMH #15	11-25-97	Field Blank	BL				0/100		0/100

COMMENTS: COLLECTED BY: *J. Younkin* ANALYZED BY: *J. Younkin*

\*F/CC RESULTS CODE:  
 FTD - FILTER TAMPED WITH OR DAMAGED  
 UNC - UNCOUNTABLE

SAMPLE TYPE CODE: AM - AMBIENT PR - PERSONNEL STEL - SHORT TERM EXERCISON LIMIT IA - INSIDE AREA DA - OUTSIDE AREA BL - FIELD BLANK CL - CLEARANCE  
 SAMPLE LOCATION CODE: OB - OUTSIDE BUILDING IB - INSIDE BUILDING OWA - OUTSIDE WORK AREA IWA - INSIDE WORK AREA

# Q.A.M.

## QUALITY AIR MANAGEMENT

2270 BURKESVILLE ROAD  
GLASGOW, KY 42141  
(502) 651-9227

### AIRBORNE FIBER ANALYSIS FORM

PROJECT NAME: Edmonson County Board of Education (Tandie McIntire Hall) PROJECT LOCATION: Brownsville, KY

PROJECT CONTRACTOR: Environmental Recovery Systems, Inc. PROJECT SUPERVISOR: Cecil Whittier

SAMPLE ID	DATE SAMPLED	SPECIFIC AREA COLLECTED IF PR SAMPLE - LIST NAME & S.S. SAMPLE LOCATION CODE	SAMPLE TYPE CODE	PRE CALL-BRATION	POST CALL-BRATION	TIME		FIBERS/ FIELD	VOLUME (V)	FIBERS/ CC (F/CC)
						ON	OFF			
TMH #1A	11-24-97	Juan Martinez (235-27-4956) Floor Tile Removal IB/WVA	PR STEEL	1.5	1.5	1600	1530	0/100	45	<0.01
TMH #1B	11-24-97	Juan Martinez (235-27-4956) Floor Tile Removal IB/WVA	PR	1.5	1.5	1600	1730	1/100	135	0.004

COMMENTS:

COLLECTED BY: *[Signature]*  
ANALYZED BY: *[Signature]*

\*F/CC RESULTS CODE:  
FTD.: FILTER TAMPERED

SAMPLE TYPE CODE: AM - AMBIENT PR - PERSONELL STEL - SHORT TERM EXCERSON LIMIT 1A - INSIDE AREA OA - OUTSIDE AREA BL - FIELD BLANK CL - CLEARANCE  
SAMPLE LOCATION CODE: OB - OUTSIDE BUILDING IB - INSIDE BUILDING OWA - OUTSIDE WORK AREA IWA - INSIDE WORK AREA  
WITH OR DAMAGED  
UNC - UNCOUNTABLE

# Q.A.M.

## QUALITY AIR MANAGEMENT

2270 BURKESVILLE ROAD  
GLASSGOW, KY 42141  
(502) 651-9227

### AIRBORNE FIBER ANALYSIS FORM

PROJECT NAME: Edmonson County Board of Education (Tandie McIntire Hall) PROJECT LOCATION: Brownsville, KY

PROJECT CONTRACTOR: Environmental Recovery Systems, Inc. PROJECT SUPERVISOR: Cecil Whittier

SAMPLE ID	DATE SAMPLED	SPECIFIC AREA COLLECTED IF PR SAMPLE - LIST NAME & S.S. SAMPLE LOCATION CODE	SAMPLE TYPE CODE	PRE CALIBRATION	POST CALIBRATION	TIME ON	TIME OFF	FIBERS/ FIELD	VOLUME (V)	FIBERS/ CC (F/CC)
	DATE ANALYZED									
TMH #1	11-24-97	Inside Boiler Room IB/IWA	AM	10	10	1200		5/100	1800	0.001
TMH #2	11-24-97	Entrance to Decon Unit IB/OWA	AM	10	10	1500		1/100	1800	<0.01
						1204				
TMH #3	11-24-97	Outside Door to Basement OB/OWA	AM	10	10	1504		0/100	1800	<0.01
						1206				
TMH #4	11-24-97	Field Blank	BL			1506		0/100		0/100
TMH #5	11-24-97	Field Blank	BL					0/100		0/100

COMMENTS: COLLECTED BY: *[Signature]* ANALYZED BY: *[Signature]*

\*F/CC RESULTS CODE:  
FTD: FILTER TAMPARED  
WITH OR DAMAGED  
UNC: UNCOUNTABLE

SAMPLE TYPE CODE: AM - AMBIENT PR - PERSONNEL STEL - SHORT TERM EXCESION LIMIT IA - INSIDE AREA OA - OUTSIDE AREA BL - FIELD BLANK CL - CLEARANCE  
SAMPLE LOCATION CODE: OB - OUTSIDE BUILDING IB - INSIDE BUILDING OWA - OUTSIDE WORK AREA IWA - INSIDEWORK AREA

**EDMONSON COUNTY BOARD OF EDUCATION**  
(Tandy Building)

**11-24-97**

	<u>IN</u>	<u>OUT</u>
Cecil Whitler	0900	1730
Juan Martinez	0900	1730
Jose Recinos	0900	1730
Wesley Wallace	0900	1630
Richard White	0900	1630
Edward Hopper	1130	1630
Ronnie Dowell	1130	1630

**0900:** Cecil Whitler (Supervisor) and two (2) workers arrive on job site. Supervisor meets with Mr. Lannie De Wees to go over scope of project. Workers begin cleaning up debris in work area so we can begin prepping work area in boiler room and floor tile areas.

**1130:** Prep work continues. Two (2) more workers arrive on job site.

**1200:** Break for lunch.

**1230:** Return from lunch. Workers continue prepping work area in boiler room for gross removal and putting up critical barriers in entranceways to floor tile areas and posting Danger Asbestos Signs.

**1530:** Prep work completed. Workers suit up in double tyvek suits and half-face respirators with HEPA filters and begin removal of floor tile keeping material thoroughly wetted at all times and bagging waste as it is removed. Air monitoring by personal pump.

**1630:** Four (4) workers leave job site. Floor tile removal continues.

**1730:** Work stops for the day. Leave job site.

**EDMONSON COUNTY BOARD OF EDUCATION**  
(Tandy Building)

**11-25-97**

	<b><u>IN</u></b>	<b><u>OUT</u></b>
Jon Younkin	0800	1730
Wesley Wallace	0800	1730
Jose Recinos	0800	1730
Juan Martinez	0800	1730
Richard White	1630	1730
Edward Hopper	1630	1730

**0800:** Jon Younkin (Supervisor) and three (3) workers arrive on job site. Supervisor checks all barriers, a 5-room decon was set up at entrance to boiler room. Air monitor from Quality Air Management is also on job site. Workers suit up in double tyvek suits and half-face respirators with HEPA filters. Two (2) workers begin removal in boiler room and one (1) workers begins floor tile removal, keeping material thoroughly wetted at all times and bagging waste as it is removed.

**0900:** Removal continues.

**1100:** Removal continues.

**1200:** Removal completed in boiler room. Workers begin encapsulation and tear down of one (1) layer of poly.

**1230:** Break for lunch.

**1300:** Return from lunch. Workers re-suit and continue removal of floor tile using same procedures as before. Air monitor begins clearance testing in boiler room.

**1400:** Removal continues.

**1445:** Ms. Rene Slaughter from Environmental Protection Agency (EPA) arrives on job site for inspection.

**1452:** Ms. Rene Slaughter from EPA leaves job site, no problems noted.

**1600:** Removal continues.

**1630:** Two (2) more workers arrive on job site. All removal completed. Workers begin final cleaning and loading waste onto waste trailer lined with two (2) layers of 6-Mil poly.

**1700:** Final clearance in boiler room has been received. Workers begin tear down.

**1730:** Waste load out, tear down and final cleaning completed. Project completed. Leave job site.



# Asbestos Consulting & Training Systems

34293.6877CERT/REM

903 N.W. 6TH Avenue, Fort Lauderdale, Florida 33311 (954) 524-7208

***This is to Certify that***

**Jon Younkin**



4 0 1 - 1 3 - 4 2 8 8

300 West Brown Street, Glasgow, KY

***has successfully completed***

**Asbestos Contractor/Supervisor Refresher**

**21-Nov-97 TO 21-Nov-97**

Asbestos courses comply with Section 206 TSCA 15 UCS 2646

***Complies with Sec. 206 TSCA 15 UCS 2646***

Trainer(s): Joe Dooley

Training Address: 2601 S. 4Th Street, Louisville, KY

Examination administered upon course completion.

***This Certificate Expires***

**21-Nov-98**



1 1 / 2 1 / 9 8

Processed By:

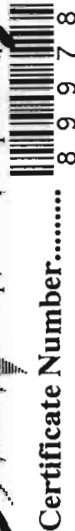
**Seagull**

*Since 1971*



UNDER PENALTY OF CRIMINAL PERSECUTION FOR MAKING OR  
REPRODUCING THIS STATEMENT  
FALSE OR FRAUDULENT STATEMENT  
REGARDING THIS TRAINING COURSE  
ACCORDING TO TITLE 15, CHAPTER 264, U.S.C.  
ACTING UNDER AUTHORITY OF THE FEDERAL BUREAU OF INVESTIGATION  
ON LOCAL COURSE SPONSORING.

James H. Stump, Course Sponsor



Certificate Number..... 8 9 9 7 8

Course Number LU9747

# Asbestos Consulting & Training Systems

34031.4811CERT/ 903 N.W. 6TH Avenue, Fort Lauderdale, Florida 33311 (954) 524-7208

***This is to Certify that***

**Ronnie Dowell**



CEU SPONSOR'S # 04P0301



***has successfully completed***

**Asbestos Worker Refresher**

**28-Feb-97 TO 28-Feb-97**

Asbestos courses comply with Section 206 TSCA 15 UCS 2646

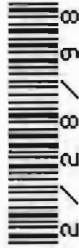
***Complies with Sec. 206 TSCA 15 UCS 2646***

Trainer(s): Myron Kreilein

Training Address: 2601 S. 4th Street, Louisville, KY

TEST SCORE: 94 % Examination administered upon course completion.

***This Certificate Expires***



**28-Feb-98**

UNDER SEVERAL AND CRIMINAL PENALTIES OF LAW FOR MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR MISREPRESENTATIONS (18 U.S.C. 1001 AND 18 U.S.C. 288) I HEREBY CERTIFY THAT THIS TRAINING COURSE COMPLETES ALL APPLICABLE REQUIREMENTS OF TITLE 29, CHAPTER 51, SUBCHAPTER B, SECTIONS 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140 CFR PART 70, SUBPART F, OTHER FEDERAL, STATE, AND LOCAL REGULATIONS AS APPLICABLE.

James F. Stump, Course Sponsor

Certificate Number..... 8 5 8 3 4

Course Number LU9709

# Asbestos Consulting & Training Systems

34031.4773CERT/ 903 N.W. 6TH Avenue, Fort Lauderdale, Florida 33311 (954) 524-7208

**This is to Certify that  
Edward Hopper**



CEU SPONSOR'S # 04P0301

P.O. Box 158 , Rockport, KY

**has successfully completed**

**Asbestos Contractor/Supervisor Refresher**

28-Feb-97 TO 28-Feb-97  
Asbestos courses comply with Section 206 TSCA 15 UCS 2646  
**Complies with Sec. 206 TSCA 15 UCS 2646**

Trainer(s): Joe Dooley  
Training Address: 2601 S. 4th Street, Louisville, KY  
Examination administered upon course completion.

**This Certificate Expires**



28-Feb-98



UNDER STATE AND CRIMINAL PENALTY, IT IS UNLAWFUL TO MAKE OR SUBMIT FOR PUBLICATION ANY STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 AND 18 U.S.C. 2051) WHICH ARE FALSE OR MISLEADING IN ANY MANNER. THIS TRAINING COURSE IS NOT APPLICABLE TO ANY STATE OR FEDERAL REQUIREMENTS. THE COURSE IS NOT A SUBSTITUTE FOR ANY OTHER TRAINING COURSE. LOCAL, STATE, AND FEDERAL REQUIREMENTS AS APPLICABLE.

James F. Stump, Course Sponsor

Certificate Number..... 86831

Course Number LU9709

# Asbestos Consulting & Training Systems

903 N.W. 6TH Avenue, Fort Lauderdale, Florida 33311 (954) 524-7208

34103.8099CERT/

FROM 5025361818 SEAGULL

**This is to Certify that**

**Richard White**



4 8 0 - 0 2 - 9 4 4 1

McHenry Box 16, McHenry, KY

CEU SPONSOR'S # 04P0301

**has successfully completed**

**Asbestos Worker Refresher**

**9-May-97 TO 9-May-97**

Asbestos courses comply with Section 206 TSCA 15 UCS 2646

**Complies with Sec. 206 TSCA 15 UCS 2646**

Trainer(s): Myron Kreicin  
Training Address: 2601 S. 4th Street, Louisville, KY

TEST SCORE: 96 %  
Examination administered upon course completion

**This Certificate Expires**



**9-May-98**

5 / 9 / 9 8



FOR MAILING OR  
FALSE DATE  
FOR U.S. POSTAGE  
IN TRADING  
STAMP TABLE  
THE OFFICE OF  
THE LOCAL

James F. Stump, Course Sponsor

Certificate Number..... 8 7 7 5 6

Course Number LU9719

# Asbestos Consulting & Training Systems

34031.481CERT/ 903 N.W. 6TH Avenue, Fort Lauderdale, Florida 33311 (954) 524-7208

***This is to Certify that***

**Wesley Wallace**



CEU SPONSOR'S # 04P0301



***has successfully completed***

**Asbestos Worker Refresher**

**28-Feb-97 TO 28-Feb-97**

Asbestos courses comply with Section 206 TSCA 15 UCS 2646

***Complies with Sec. 206 TSCA 15 UCS 2646***

Trainer(s): Myron Kreilein

Training Address: 2601 S. 4th Street, Louisville, KY

TEST SCORE: 94 % Examination administered upon course completion.

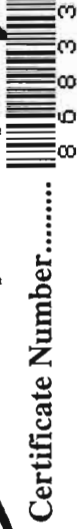
***This Certificate Expires***



**28-Feb-98**

UNDER CERTAIN AND CRIMINAL PENALTIES OF LAW FOR MAKING  
OF SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR  
REPRESENTATIONS (18 U.S.C. 1001 AND 18 U.S.C. 288) I  
CERTIFY THAT THIS TRAINING COURSE IS FULLY APPLICABLE  
TO THE REQUIREMENTS OF TITLE 15, PART 206 OF THE FEDERAL  
REGISTRY (29 CFR 1976.101) AND THAT THE COURSE IS  
APPLICABLE TO THE LOCAL, STATE, FEDERAL, AND OTHER  
AGENCIES AS APPLICABLE.

James F. Stump, Course Sponsor



Certificate Number.....



8 5 8 3 3

Course Number LU9709

# Tennessee Environmental Services

1726 General George Patton Drive Brentwood, TN 37027 Contact: Kathy Seacrist 615-373-8792

## THIS IS TO CERTIFY THAT

**JOSE A. RECINOS 634-23-8107**

Has attended and satisfactorily passed  
an education course covering the contents as follows:

*Worker Training One (1) Day Refresher EPA/AHERA Approved And Requirements Within Title 11  
Of TSCA Training Course And Exam With A Passing Exam Of 70% Or Better*



October 17, 1997

Date  
Exam Date 10-17-97

October 17, 1998

Expiration Date

TES-97-002166-W1

Certificate Number

*Gary J. Lang*  
Course Director  
Gary J. Lang

*Lesbia E. Gonzalez*  
Course Instructor  
Lesbia E. Gonzalez

Tennessee Environmental Services, A Division Of Cumberland Environmental Resources

# Tennessee Environmental Services

1726 General George Patton Drive Brentwood, TN 37027 Contact: Kathy Seacrist 615-373-8792

THIS IS TO CERTIFY THAT

JUAN CARLOS MARTINEZ 235-27-4956

Has attended and satisfactorily passed  
an education course covering the contents as follows:  
*Worker Training One (1) Day Refresher EPA/AHEKA Approved And Requirements Within Title 11  
Of TSCA Training Course And Exam With A Passing Exam Of 70% Or Better*



TES-97-002129-W1  
Certificate Number

June 28, 1997

Date

Exam Date 06-28-97

June 28, 1998

Expiration Date

*Gary J. Lang*  
Course Director

GARY J. LANG

*Jeffrey C. Sloan*  
Course Instructor

Blake Rindahl

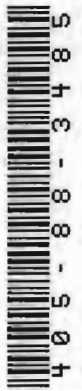
Tennessee Environmental Services, A Division Of Cumberland Environmental Resources

# Asbestos Consulting & Training Systems

34031.4774CERT/ 903 N.W. 6TH Avenue, Fort Lauderdale, Florida 33311 (954) 524-7208

**This is to Certify that**

**Cecil Whitler**



CEU SPONSOR'S # 04P0301

P.O. Box 464, Breaverdam, KY

**has successfully completed**

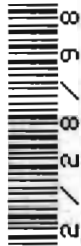
**Asbestos Contractor/Supervisor Refresher**

28-Feb-97 TO 28-Feb-97  
Asbestos courses comply with Section 206 TSCA 15 UCS 2646

**Complies with Sec. 206 TSCA 15 UCS 2646**

Trainer(s): Joe Dooley  
Training Address: 2601 S. 4th Street, Louisville, KY  
Examination administered upon course completion.

**This Certificate Expires**



28-Feb-98



UNDER CERTAIN AND CRIMINAL PENALTIES OF LAW FOR MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 AND 18 U.S.C. 288) I HEREBY CERTIFY THAT THIS TRAINING COURSE COMPLETES ALL APPLICABLE REQUIREMENTS OF TITLE 29, CHAPTER 78, FEDERAL REGISTER, 40 CFR 101.11, FEDERAL, STATE, AND LOCAL REGULATIONS AS APPLICABLE.

*[Signature]*  
James F. Stump, Course Sponsor

Certificate Number..... 8 6 8 3 2

Course Number LU9709



DIVISION OF AIR POLLUTION CONTROL  
**INSPECTION REPORT**  
ASBESTOS DEMOLITION/RENOVATION INSPECTION CHECKLIST

Site Location EDMONSON Co Middle School File # 105 1 1050 1 ASBT  
AQCR County Plant I.D.

Owner Name & Address Edmonson County Board of Ed Date & Time 11/25/97 2:15 pm  
Contractor Name & Address Environmental Recovery Systems Weather & Temp. Sunny 50°  
997-004-1  
Use of Building ABANDONED DAPC Notified Yes  No   
Age of Building 50+ Date Notified 11/14/97  
Demolition  Renovation  Condemned  Sample Taken Yes  No   
Amount of Asbestos 1252 square feet Sent to: \_\_\_\_\_  
Location of friable material \_\_\_\_\_ Project Start Date 11/24/97  
Project Complete 11/25/97

Present Activity Status Boiler Room Asbestos patty removal complete. Currently remaining is remainder of 9x9" wall tile in kitchen.  
Quality Air Management Monitoring Air Rep. MARK Yankovic

**REMOVAL PROCEDURES:**  
Wetting & Stripping with High Pressure Floor tile w/ hand sprayers  
Unit or Section Removal Remaining tile in whole section Unit of 9"x9"  
Use & Type of Surfactant \_\_\_\_\_  
Exhaust Ventilation/Collection System Negative Air Unit with PAE Filter  
Visible Emissions Yes  No  Barriers Used Yes  No   
Decontamination Stations Provided Yes  No   
Other Removal Procedures \_\_\_\_\_

**WASTE HANDLING:** Yes  No   
Wetting Waste  
Sealed in Leak-tight Containers Yes  No   
Containers Properly Labeled Yes  No   
Notified Division of Waste Mgmt. Yes  No

**DISPOSAL SITE:**  
Name Bluegrass Containment  
Address Ohio County

Regulation Violated None  
Investigator's Signature James Yankovic Title Area Insp III

I hereby acknowledge receipt of a copy of this report and do further acknowledge that I have been apprised of the discrepancies and alleged violations therein.  
Signature Jim Yankovic Title Supervisor

Project Number: 97-121

**NON-HAZARDOUS WASTE MANIFEST**

1. Generator's US EPA ID No

Manifest Document No.

2. Page 1 of

3. Generator's Name and Mailing Address

Tandy Bld.  
Hwy 259  
Brownsville, Ky 42210

Edmonson Co.

Representative:

Mr. Lannie DeWees

6. Transporter 1 Company Name

Environmental Recovery Systems, Inc.

6. US EPA ID Number

902 W. Main Street

Glasgow, Kentucky 42141

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

Bluegrass Containment, Inc.  
96 Mt Zion Road  
Beaver Dam, Kentucky 42333

10. US EPA ID Number

A. Transporter's Phone (502) 651-5052

B. Transporter's Phone

C. Facility's Phone (502) 274-9409

11. Waste Shipping Name and Description

12. Containers

No. Type

13. Total Quantity

14. Unit WWVol

a. Floor Tile Mastic

3 yd<sup>3</sup>

b. Boulders

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

6. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name  
Environmental Recovery Systems, Inc., Joel Read

Signature

Month Day Year

12 1 97

7. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name  
Marshall Duvall

Signature

Month Day Year

8. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

9. Discrepancy Indication Space

Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19

Printed/Typed Name

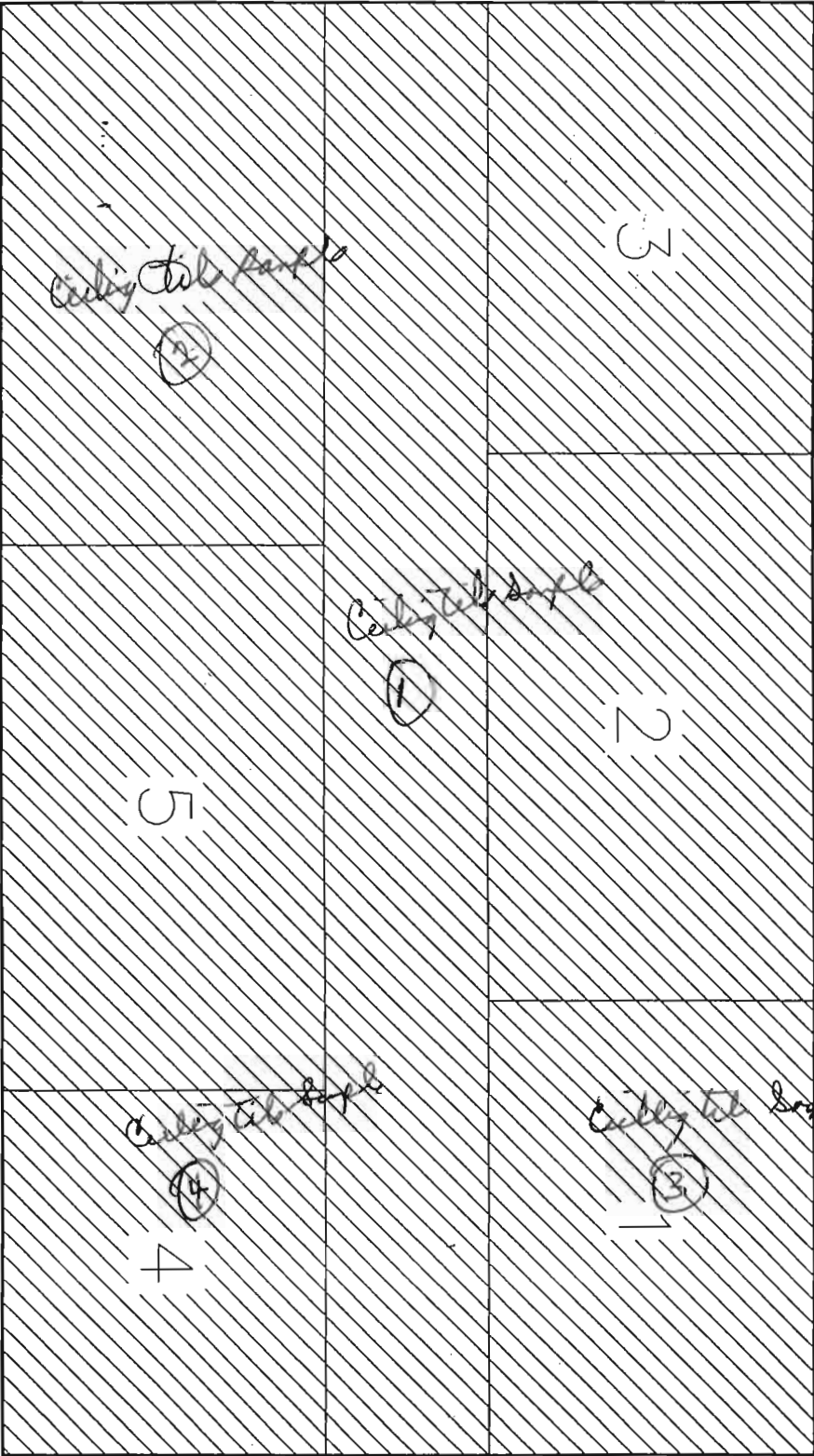
Camil Frizzell

Signature

Month Day Year

151-999-3

H A-9 Ceiling Tile

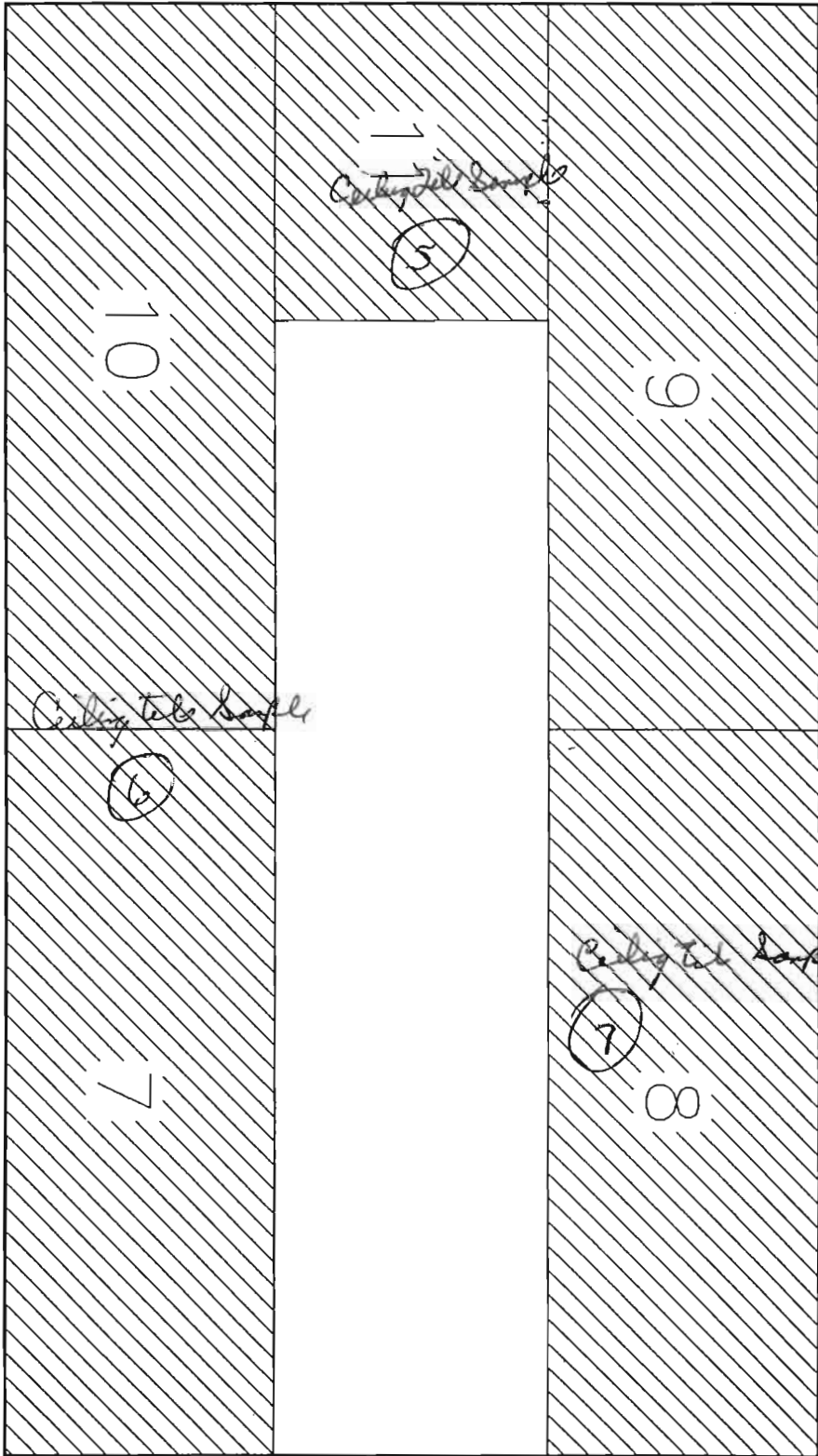


EDMONSON COUNTY  
MCINTIRE HALL  
1st Floor Plan

151-959-N

EDMONSON COUNTY  
MCINTIRE HALL  
2nd Floor Plan

HA-9 Ceiling Tiles





# NATIONAL LABORATORIES, INC.

Rivercity One  
3210 Claremont Ave.  
Evansville, IN 47712-4968  
Ph.: (812) 464-9000  
Fax: (812) 465-5746

NIST NVLAP #1658

NIOSH PAT #47712-001

## ANALYSIS REPORT

Sample Type: Bulk  
Set #: 3603  
Lab ID: 35384  
Client ID: 1 -   
Other ID: McIntire - Hall -  
          Ceiling Tile  
Date Received: 05-22-95  
Date Analyzed: 05-24-95

Edmonson Co. Board of Education  
P.O. Box 129  
Brownsville, KY 42210

National Laboratories, A Division of Consolidated Recycling Co., Inc., is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program, Lab ID #1658, for selected test method "40 CFR Chapter I (7-1-92 edition) Part 763, Subpart F, Appendix A", pages 546-551.

Sample Description: Tan/gold fibrous material with adhering paint

### ASBESTOS MINERALS

### ESTIMATED PERCENT

None Detected

### NON ASBESTOS COMPONENTS

### ESTIMATED PERCENT

Cellulose

99%

Paint

1%

**NOTE:** Sample percentage can vary due to analyst subjectivity.

**Remarks:** This test report relates only to the items tested and cannot be used for product endorsement by NVLAP or any agency of the U.S. Government. This sample will be disposed of by National Laboratories unless otherwise notified by client within ninety (90) days.

National Laboratories accepts full technical responsibility for this test report. Any questions concerning this report should be directed to Mr. David M. Cressler, P.E. This report must not be reproduced except in full.

Analyst

**A DIVISION OF CONSOLIDATED RECYCLING CO., INC.**



# NATIONAL LABORATORIES, INC.

Rivercity One  
3210 Claremont Ave.  
Evansville, IN 47712-4968  
Ph.: (812) 464-9000  
Fax: (812) 465-5746

NIST NVLAP #1658

NIOSH PAT #47712-001

## ANALYSIS REPORT

Sample Type: Bulk  
Set #: 3603  
Lab ID: 35385  
Client ID: 2-~~XXXX~~  
Other ID: McIntire - Rm. 6 -  
Ceiling Tile  
Date Received: 05-22-95  
Date Analyzed: 05-24-95

Edmonson Co. Board of Education  
P.O. Box 129  
Brownsville, KY 42210

National Laboratories, A Division of Consolidated Recycling Co., Inc., is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program, Lab ID #1658, for selected test method "40 CFR Chapter I (7-1-92 edition) Part 763, Subpart F, Appendix A", pages 546-551.

Sample Description: Tan/gold fibrous material with adhering paint

### ASBESTOS MINERALS

### ESTIMATED PERCENT

None Detected

### NON ASBESTOS COMPONENTS

### ESTIMATED PERCENT

Cellulose  
Paint

99%  
1%

**NOTE:** Sample percentage can vary due to analyst subjectivity.

**Remarks:** This test report relates only to the items tested and cannot be used for product endorsement by NVLAP or any agency of the U.S. Government. This sample will be disposed of by National Laboratories unless otherwise notified by client within ninety (90) days.

National Laboratories accepts full technical responsibility for this test report. Any questions concerning this report should be directed to Mr. David M. Cressler, P.E. This report must not be reproduced except in full.

Analyst Sharon Trent

**A DIVISION OF CONSOLIDATED RECYCLING CO., INC.**



# NATIONAL LABORATORIES, INC.

Rivercity One  
3210 Claremont Ave.  
Evansville, IN 47712-4968  
Ph.: (812) 464-9000  
Fax: (812) 465-5746

NIST NVLAP #1658

NIOSH PAT #47712-001

## ANALYSIS REPORT

Sample Type: Bulk  
Set #: 3603  
Lab ID: 35386  
Client ID: 3 ~~██████████~~  
Other ID: McIntire - Rm. 1 -  
Ceiling Tile  
Date Received: 05-22-95  
Date Analyzed: 05-24-95

Edmonson Co. Board of Education  
P.O. Box 129  
Brownsville, KY 42210

National Laboratories, A Division of Consolidated Recycling Co., Inc., is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program, Lab ID #1658, for selected test method "40 CFR Chapter I (7-1-92 edition) Part 763, Subpart F, Appendix A", pages 546-551.

Sample Description: Tan/gold fibrous material with adhering paint

### ASBESTOS MINERALS

### ESTIMATED PERCENT

None Detected

### NON ASBESTOS COMPONENTS

### ESTIMATED PERCENT

Cellulose

99%

Paint

<1%

**NOTE:** Sample percentage can vary due to analyst subjectivity.

**Remarks:** This test report relates only to the items tested and cannot be used for product endorsement by NVLAP or any agency of the U.S. Government. This sample will be disposed of by National Laboratories unless otherwise notified by client within ninety (90) days.

National Laboratories accepts full technical responsibility for this test report. Any questions concerning this report should be directed to Mr. David M. Cressler, P.E. This report must not be reproduced except in full.

Analyst

*Saron Trent*

**A DIVISION OF CONSOLIDATED RECYCLING CO., INC.**



# NATIONAL LABORATORIES, INC.

Rivercity One  
3210 Claremont Ave.  
Evansville, IN 47712-4968  
Ph.: (812) 464-9000  
Fax: (812) 465-5746

NIST NVLAP #1658

NIOSH PAT #47712-001

## ANALYSIS REPORT

Sample Type: Bulk  
Set #: 3603  
Lab ID: 35387  
Client ID: 4  
Other ID: McIntire - Rm. 4 -  
Ceiling Tile  
Date Received: 05-22-95  
Date Analyzed: 05-24-95

Edmonson Co. Board of Education  
P.O. Box 129  
Brownsville, KY 42210

National Laboratories, A Division of Consolidated Recycling Co., Inc., is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program, Lab ID #1658, for selected test method "40 CFR Chapter I (7-1-92 edition) Part 763, Subpart F, Appendix A", pages 546-551.

Sample Description: Tan/gold fibrous material with adhering paint

### ASBESTOS MINERALS

### ESTIMATED PERCENT

None Detected

### NON ASBESTOS COMPONENTS

### ESTIMATED PERCENT

Cellulose

99%

Paint

<1%

**NOTE:** Sample percentage can vary due to analyst subjectivity.

**Remarks:** This test report relates only to the items tested and cannot be used for product endorsement by NVLAP or any agency of the U.S. Government. This sample will be disposed of by National Laboratories unless otherwise notified by client within ninety (90) days.

National Laboratories accepts full technical responsibility for this test report. Any questions concerning this report should be directed to Mr. David M. Cressler, P.E. This report must not be reproduced except in full.

Analyst

*Sharon Trout*

**A DIVISION OF CONSOLIDATED RECYCLING CO., INC.**





# NATIONAL LABORATORIES, INC.

Rivercity One  
3210 Claremont Ave.  
Evansville, IN 47712-4968  
Ph.: (812) 464-9000  
Fax: (812) 465-5746

NIST NVLAP #1658

NIOSH PAT #47712-001

## ANALYSIS REPORT

Sample Type: Bulk  
Set #: 3603  
Lab ID: 35388  
Client ID: 5  
Other ID: McIntire - Rm. 11 -  
Ceiling Tile  
Date Received: 05-22-95  
Date Analyzed: 05-24-95

Edmonson Co. Board of Education  
P.O. Box 129  
Brownsville, KY 42210

National Laboratories, A Division of Consolidated Recycling Co., Inc., is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program, Lab ID #1658, for selected test method "40 CFR Chapter I (7-1-92 edition) Part 763, Subpart F, Appendix A", pages 546-551.

Sample Description: Tan/gold fibrous material with adhering paint

<u>ASBESTOS MINERALS</u>	<u>ESTIMATED PERCENT</u>
None Detected	
<u>NON ASBESTOS COMPONENTS</u>	<u>ESTIMATED PERCENT</u>
Cellulose	99%
Paint	1%

**NOTE:** Sample percentage can vary due to analyst subjectivity.

**Remarks:** This test report relates only to the items tested and cannot be used for product endorsement by NVLAP or any agency of the U.S. Government. This sample will be disposed of by National Laboratories unless otherwise notified by client within ninety (90) days.

National Laboratories accepts full technical responsibility for this test report. Any questions concerning this report should be directed to Mr. David M. Cressler, P.E. This report must not be reproduced except in full.

Analyst Sharon Trout

**A DIVISION OF CONSOLIDATED RECYCLING CO., INC.**



# NATIONAL LABORATORIES, INC.

Rivercity One  
3210 Claremont Ave.  
Evansville, IN 47712-4968  
Ph.: (812) 464-9000  
Fax: (812) 465-5746

NIST NVLAP #1658

NIOSH PAT #47712-001

## ANALYSIS REPORT

Sample Type: Bulk  
Set #: 3603  
Lab ID: 35389  
Client ID: 6  
Other ID: McIntire - Rm. 7 -  
Ceiling Tile  
Date Received: 05-22-95  
Date Analyzed: 05-24-95

Edmonson Co. Board of Education  
P.O. Box 129  
Brownsville, KY 42210

National Laboratories, A Division of Consolidated Recycling Co., Inc., is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program, Lab ID #1658, for selected test method "40 CFR Chapter I (7-1-92 edition) Part 763, Subpart F, Appendix A", pages 546-551.

Sample Description: Tan/gold fibrous material

### ASBESTOS MINERALS

### ESTIMATED PERCENT

None Detected

### NON ASBESTOS COMPONENTS

### ESTIMATED PERCENT

Cellulose

100%

**NOTE:** Sample percentage can vary due to analyst subjectivity.

**Remarks:** This test report relates only to the items tested and cannot be used for product endorsement by NVLAP or any agency of the U.S. Government. This sample will be disposed of by National Laboratories unless otherwise notified by client within ninety (90) days.

National Laboratories accepts full technical responsibility for this test report. Any questions concerning this report should be directed to Mr. David M. Cressler, P.E. This report must not be reproduced except in full.

Analyst

*Saron Trent*

**A DIVISION OF CONSOLIDATED RECYCLING CO., INC.**



# NATIONAL LABORATORIES, INC.

Rivercity One  
3210 Claremont Ave.  
Evansville, IN 47712-4968  
Ph.: (812) 464-9000  
Fax: (812) 465-5746

NIST NVLAP #1658

NIOSH PAT #47712-001

## ANALYSIS REPORT

Sample Type: Bulk  
Set #: 3603  
Lab ID: 35390  
Client ID: 7  
Other ID: McIntire - Rm. 8 -  
Ceiling Tile  
Date Received: 05-22-95  
Date Analyzed: 05-24-95

Edmonson Co. Board of Education  
P.O. Box 129  
Brownsville, KY 42210

National Laboratories, A Division of Consolidated Recycling Co., Inc., is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program, Lab ID #1658, for selected test method "40 CFR Chapter I (7-1-92 edition) Part 763, Subpart F, Appendix A", pages 546-551.

Sample Description: Tan/gold fibrous material with adhering paint

### ASBESTOS MINERALS

### ESTIMATED PERCENT

None Detected

### NON ASBESTOS COMPONENTS

### ESTIMATED PERCENT

Cellulose

99%

Paint

<1%

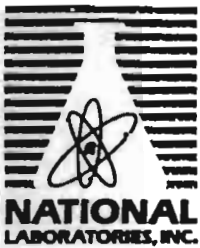
**NOTE:** Sample percentage can vary due to analyst subjectivity.

**Remarks:** This test report relates only to the items tested and cannot be used for product endorsement by NVLAP or any agency of the U.S. Government. This sample will be disposed of by National Laboratories unless otherwise notified by client within ninety (90) days.

National Laboratories accepts full technical responsibility for this test report. Any questions concerning this report should be directed to Mr. David M. Cressler, P.E. This report must not be reproduced except in full.

Analyst *Saron Trent*

**A DIVISION OF CONSOLIDATED RECYCLING CO., INC.**



# NATIONAL LABORATORIES, INC.

Rivercity One  
3210 Claremont Ave.  
Evansville, IN 47712-4968  
Ph.: (812) 464-9000  
Fax: (812) 465-5746

NIST NVLAP #1658

NIOSH PAT #47712-001

## ANALYSIS REPORT

Sample Type: Bulk  
Set #: 3603  
Lab ID: 35390  
Client ID: 7  
Other ID: McIntire - Rm. 8 -  
Ceiling Tile  
Date Received: 05-22-95  
Date Analyzed: 05-24-95

Edmonson Co. Board of Education  
P.O. Box 129  
Brownsville, KY 42210

National Laboratories, A Division of Consolidated Recycling Co., Inc., is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program, Lab ID #1658, for selected test method 40 CFR Chapter I (7-1-92 edition) Part 763, Subpart F, Appendix A, pages 546-551.

Sample Description: Tan/gold fibrous material with adhering paint

### ASBESTOS MINERALS

### ESTIMATED PERCENT

None Detected

### NON ASBESTOS COMPONENTS

### ESTIMATED PERCENT

Cellulose

99%

Paint

<1%

**NOTE:** Sample percentage can vary due to analyst subjectivity.

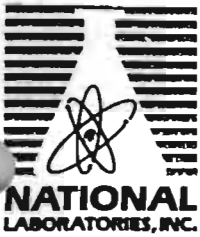
**Remarks:** This test report relates only to the items tested and cannot be used for product endorsement by NVLAP or any agency of the U.S. Government. This sample will be disposed of by National Laboratories unless otherwise notified by client within ninety (90) days.

National Laboratories accepts full technical responsibility for this test report. Any questions concerning this report should be directed to Mr. David M. Cressler, P.E. This report must not be reproduced except in full.

Analyst

*Sharon Hunt*

**A DIVISION OF CONSOLIDATED RECYCLING CO., INC.**



# NATIONAL LABORATORIES, INC.

Rivercity One  
3210 Claremont Ave.  
Evansville, IN 47712-4968  
Ph.: (812) 464-9000  
Fax: (812) 465-5746

NIST NVLAP #1658

NIOSH PAT #47712-001

## ANALYSIS REPORT

Sample Type: Bulk  
Set #: 3603  
Lab ID: 35389  
Client ID: 6  
Other ID: McIntire - Rm. 7 -  
Ceiling Tile  
Date Received: 05-22-95  
Date Analyzed: 05-24-95

Edmonson Co. Board of Education  
P.O. Box 129  
Brownsville, KY 42210

National Laboratories, A Division of Consolidated Recycling Co., Inc., is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program, Lab ID #1658, for selected test method "40 CFR Chapter I (7-1-92 edition) Part 763, Subpart F, Appendix A", pages 546-551.

Sample Description: Tan/gold fibrous material

ASBESTOS MINERALS

ESTIMATED PERCENT

None Detected

NON ASBESTOS COMPONENTS

ESTIMATED PERCENT

Cellulose

100%

**NOTE:** Sample percentage can vary due to analyst subjectivity.

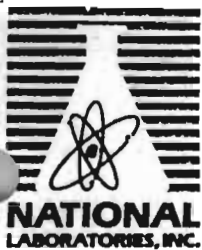
**Remarks:** This test report relates only to the items tested and cannot be used for product endorsement by NVLAP or any agency of the U.S. Government. This sample will be disposed of by National Laboratories unless otherwise notified by client within ninety (90) days.

National Laboratories accepts full technical responsibility for this test report. Any questions concerning this report should be directed to Mr. David M. Cressler, P.E. This report must not be reproduced except in full.

Analyst

*Araron Trent*

**A DIVISION OF CONSOLIDATED RECYCLING CO., INC.**



# NATIONAL LABORATORIES, INC.

Rivercity One  
3210 Claremont Ave.  
Evansville, IN 47712-4968  
Ph.: (812) 464-9000  
Fax: (812) 465-5746

NIST NVLAP #1658

NIOSH PAT #47712-001

## ANALYSIS REPORT

Sample Type: Bulk  
Set #: 3603  
Lab ID: 35388  
Client ID: 5  
Other ID: McIntire - Rm. 11 -  
Ceiling Tile  
Date Received: 05-22-95  
Date Analyzed: 05-24-95

Edmonson Co. Board of Education  
P.O. Box 129  
Brownsville, KY 42210

National Laboratories, A Division of Consolidated Recycling Co., Inc., is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program, Lab ID #1658, for selected test method 40 CFR Chapter I (7-1-92 edition) Part 763, Subpart F, Appendix A, pages 546-551.

Sample Description: Tan/gold fibrous material with adhering paint

### ASBESTOS MINERALS

### ESTIMATED PERCENT

None Detected

### NON ASBESTOS COMPONENTS

### ESTIMATED PERCENT

Cellulose  
Paint

99%  
1%

**NOTE:** Sample percentage can vary due to analyst subjectivity.

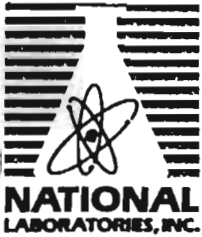
**Remarks:** This test report relates only to the items tested and cannot be used for product endorsement by NVLAP or any agency of the U.S. Government. This sample will be disposed of by National Laboratories unless otherwise notified by client within ninety (90) days.

National Laboratories accepts full technical responsibility for this test report. Any questions concerning this report should be directed to Mr. David M. Cressler, P.E. This report must not be reproduced except in full.

Analyst

*Sharon Trout*

**A DIVISION OF CONSOLIDATED RECYCLING CO., INC.**



# NATIONAL LABORATORIES, INC.

Rivercity One  
3210 Claremont Ave.  
Evansville, IN 47712-4968  
Ph.: (812) 464-9000  
Fax: (812) 465-5746

NIST NVLAP #1658

NIOSH PAT #47712-001

## ANALYSIS REPORT

Sample Type: Bulk  
Set #: 3603  
Lab ID: 35387  
Client ID: 4  
Other ID: McIntire - Rm. 4 -  
Celling Tile  
Date Received: 05-22-95  
Date Analyzed: 05-24-95

Edmonson Co. Board of Education  
P.O. Box 129  
Brownsville, KY 42210

National Laboratories, A Division of Consolidated Recycling Co., Inc., is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program, Lab ID #1658, for selected test method "40 CFR Chapter I (7-1-92 edition) Part 763, Subpart F, Appendix A", pages 546-551.

Sample Description: Tan/gold fibrous material with adhering paint

### ASBESTOS MINERALS

### ESTIMATED PERCENT

None Detected

### NON ASBESTOS COMPONENTS

### ESTIMATED PERCENT

Cellulose	99%
Paint	<1%

**NOTE:** Sample percentage can vary due to analyst subjectivity.

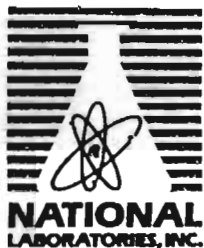
**Remarks:** This test report relates only to the items tested and cannot be used for product endorsement by NVLAP or any agency of the U.S. Government. This sample will be disposed of by National Laboratories unless otherwise notified by client within ninety (90) days.

National Laboratories accepts full technical responsibility for this test report. Any questions concerning this report should be directed to Mr. David M. Cressler, P.E. This report must not be reproduced except in full.

Analyst

*Sharon Trent*

**A DIVISION OF CONSOLIDATED RECYCLING CO., INC.**



# NATIONAL LABORATORIES, INC.

Rivercity One  
3210 Claremont Ave.  
Evansville, IN 47712-4968  
Ph.: (812) 464-9000  
Fax: (812) 465-5746

NIST NVLAP #1658

NIOSH PAT #47712-001

## ANALYSIS REPORT

Sample Type: Bulk  
Set #: 3603  
Lab ID: 35386  
Client ID: 3 ~~XXXXXXXXXX~~  
Other ID: McIntire - Rm. 1 -  
Ceiling Tile  
Date Received: 05-22-95  
Date Analyzed: 05-24-95

Edmonson Co. Board of Education  
P.O. Box 129  
Brownsville, KY 42210

National Laboratories, A Division of Consolidated Recycling Co., Inc., is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program, Lab ID #1658, for selected test method "40 CFR Chapter I (7-1-92 edition) Part 763, Subpart F, Appendix A", pages 546-551.

Sample Description: Tan/gold fibrous material with adhering paint

### ASBESTOS MINERALS

### ESTIMATED PERCENT

None Detected

### NON ASBESTOS COMPONENTS

### ESTIMATED PERCENT

Cellulose

99%

Paint

<1%

**NOTE:** Sample percentage can vary due to analyst subjectivity.

**Remarks:** This test report relates only to the items tested and cannot be used for product endorsement by NVLAP or any agency of the U.S. Government. This sample will be disposed of by National Laboratories unless otherwise notified by client within ninety (90) days.

National Laboratories accepts full technical responsibility for this test report. Any questions concerning this report should be directed to Mr. David M. Cressler, P.E. This report must not be reproduced except in full.

Analyst

**A DIVISION OF CONSOLIDATED RECYCLING CO., INC.**





# NATIONAL LABORATORIES, INC.

Rivercity One  
3210 Claremont Ave.  
Evansville, IN 47712-4968  
Ph.: (812) 464-9000  
Fax: (812) 465-5746

NIST NVLAP #1658

NIOSH PAT #47712-001

## ANALYSIS REPORT

Sample Type: Bulk  
Set #: 3603  
Lab ID: 35385  
Client ID: 2-~~XXXXXX~~  
Other ID: McIntire - Rm. 6 -  
Ceiling Tile  
Date Received: 05-22-95  
Date Analyzed: 05-24-95

Edmonson Co. Board of Education  
P.O. Box 129  
Brownsville, KY 42210

National Laboratories, A Division of Consolidated Recycling Co., Inc., is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program, Lab ID #1658, for selected test method "40 CFR Chapter I (7-1-92 edition) Part 763, Subpart F, Appendix A", pages 546-551.

Sample Description: Tan/gold fibrous material with adhering paint

### ASBESTOS MINERALS

### ESTIMATED PERCENT

None Detected

### NON ASBESTOS COMPONENTS

### ESTIMATED PERCENT

Cellulose	99%
Paint	1%

**NOTE:** Sample percentage can vary due to analyst subjectivity.

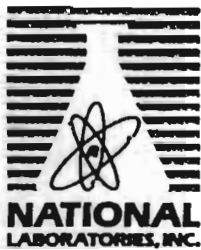
**Remarks:** This test report relates only to the items tested and cannot be used for product endorsement by NVLAP, or any agency of the U.S. Government. This sample will be disposed of by National Laboratories unless otherwise notified by client within ninety (90) days.

National Laboratories accepts full technical responsibility for this test report. Any questions concerning this report should be directed to Mr. David M. Cressler, P.E. This report must not be reproduced except in full.

Analyst

*Sharon Trent*

**A DIVISION OF CONSOLIDATED RECYCLING CO., INC.**



# NATIONAL LABORATORIES, INC.

Rivercity One  
3210 Claremont Ave.  
Evansville, IN 47712-4968  
Ph.: (812) 464-9000  
Fax: (812) 465-5746

NIST NVLAP #1658

NIOSH PAT #47712-001

## ANALYSIS REPORT

Sample Type: Bulk  
Set #: 3603  
Lab ID: 35384  
Client ID: 1 - ~~XXXXXX~~  
Other ID: McIntire - Hall -  
Ceiling Tile  
Date Received: 05-22-95  
Date Analyzed: 05-24-95

Edmonson Co. Board of Education  
P.O. Box 129  
Brownsville, KY 42210

National Laboratories, A Division of Consolidated Recycling Co., Inc., is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program, Lab ID #1658, for selected test method 40 CFR Chapter I (7-1-92 edition) Part 763, Subpart F, Appendix A, pages 546-551.

Sample Description: Tan/gold fibrous material with adhering paint

### ASBESTOS MINERALS

### ESTIMATED PERCENT

None Detected

### NON ASBESTOS COMPONENTS

### ESTIMATED PERCENT

Cellulose

99%

Paint

1%

**NOTE:** Sample percentage can vary due to analyst subjectivity.

**Remarks:** This test report relates only to the items tested and cannot be used for product endorsement by NVLAP or any agency of the U.S. Government. This sample will be disposed of by National Laboratories unless otherwise notified by client within ninety (90) days.

National Laboratories accepts full technical responsibility for this test report. Any questions concerning this report should be directed to Mr. David M. Cressler, P.E. This report must not be reproduced except in full.

Analyst

*Sharon Trent*

**A DIVISION OF CONSOLIDATED RECYCLING CO., INC.**

March 24, 1993

Mr. Parker Moore  
Asbestos Abatement Branch  
Division for Air Quality  
316 St. Clair Mall  
Frankfort, KY 40601

Dear Sir:

I am requesting a change in our Asbestos Management Plan for McIntyre Hall from removal to isolation.

Our Plan calls for removal of Jacket and Gasket materials from the furnace not in use any more. The plan also calls for removal of nine inch floor tile. The furnace and floor tile are located in the basement of a building we use only for storage.

Our long range plans call for the demolition of this building. We have all entrances to the basement boarded up and signs posted on the doors.

Please notify me if other forms are needed for this request.

Sincerely,

Billy H. Clemmons  
Asbestos Coordinator  
Edmonson Co. Schools

# **Original Management Plan**

**BUILDING STATISTICS** (OPTIONAL)

DATE BUILT \_\_\_\_\_ AREA NAME, ADDITION, WING, ETC. \_\_\_\_\_

USE \_\_\_\_\_

TOTAL AREA \_\_\_\_\_

FLOORS \_\_\_\_\_

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

NOTES: \_\_\_\_\_

**CONSTRUCTION INFORMATION** (OPTIONAL)

WALLS:  Masonry Veneer  Solid Masonry / Conc.  Wood  Other

FLOOR STRUCTURE:  Wood  Concrete  Steel  Other

ROOF STRUCTURE:  Wood  Concrete  Steel  Other

NOTES: \_\_\_\_\_

**DOCUMENT SUMMARY** (OPTIONAL)

- Floor Plans  Specifications  Past Surveys  Past Abatement Specifications
- Sections  Mech. Drawings  In-House Sampling Reports  Past Abatement Drawings
- Finish Schedules  As Built Drawings  Past Abatement Projects

**INSPECTION INFORMATION**

ATTACH COPY OF TRAINING COURSE CERTIFICATE FOR EACH MEMBER

TEAM MEMBERS (PRINT OR TYPE)

8/9/88

Stan Riggs

SIGNATURE

*Duane Trimble*

Duane Trimble

ACCREDITATION NO. 1117

Inspector

VIIKU86260-26

Inspector

SURVEY TIME (S) \_\_\_\_\_

**SCHOOL INFORMATION FORM**

LEA: Edmonson County Schools LEA NO. 151

(OR BUILDING NAME) SCHOOL: Old High School (McEintyre Hall) LEA NO. 999

SCHOOL NAME: SCHOOL NO. \_\_\_\_\_

ADDRESS: Brownsville, KY 42210

### EXPOSURE CONSIDERATIONS

- OPTIONAL (Rated 1 as Best & 5 as Worst)

- A. DETERIORATION
- B. PHYSICAL DAMAGE
- C. WATER DAMAGE
- D. ACTIVITY/VIBRATION
- E. EXPOSURE
- F. ACCESSIBILITY

### G. LENGTH OF EXPOSURE H. EXPOSURE POPULATION (Personnel)

- 1. 1 HOUR/WEK
- 2. 5 HRS/WK
- 3. 10 HRS/WK
- 4. 20 HRS/WK
- 5. 40 HRS/WK

- 1. MAINTENANCE ONLY
- 2. MAINT., CUSTODIAN
- 3. MAINT., CUST., FACULTY
- 4. MAINT., CUST., FAC., STUDENTS
- 5. MAINT., CUSTD., FAC., STDS., PUBLIC

### ASSESSMENT CATEGORIES

- 1 - Damaged/significantly damaged TSI
- 2 - Damaged friable SURFACING ACM
- 3 - Significantly damaged friable SURFACING ACM
- 4 - Damaged or significantly damaged friable MISCELLANEOUS ACM
- 5 - ACBM with potential for damage
- 6 - ACBM with potential for significant damage
- 7 - Any remaining friable ACBM or friable suspected ACBM

SAMPLE NO.	BIA #	EXIST RM.#	INSPECTION AREA NAME	ASBESTOS TYPE/%	EXPOSURE CONSIDERATIONS					ASSMT. CAT.	QUANTITIES			TOTALS LF	SF						
					A	B	C	D	E		F	G	H			LENGTH	WD.	DIA.			
1			Boiler			3	1	1	1	2	2	2	2	2	2	20	2			40	

### AREAS INCLUDED IN HOMOGENEOUS AREA

### MISCELLANEOUS QUANTITY CALCULATIONS

GRAND TOTAL 40 SQ.FT. 40 LIN.FT.

CONFIRMED  ASSUMED  NO ACBM

ACBM  F  NF

F  X

NO ACBM

SAMPLING DATE: 8/9/88

INSPECTOR: Stan Riggs, Duane Trimble

SIGNATURE: *Stan Riggs*

LEA: Edmonson County Schools LEA NO. 151

SCHOOL: Old High School (McEintyre Hall) SCHOOL NO. 999

### MATERIAL DESCRIPTION / ADDITIONAL REASONS FOR ASSESSMENT

## HOMOGENEOUS AREA FORM

LEGEND  
BIA# BUILDING INSPECTION AREA NUMBER  
INSPECTOR ASSIGNED NO. FOR CONTROL

THERMAL(TSI)  SURFACING  MIS.

MAT. TYPE: Compound jacketing & gaskets

151-999-1 HA: 1  
DRAWING NO. \_\_\_\_\_ GENERIC \_\_\_\_\_ ASSIGNED \_\_\_\_\_

EXPOSURE CONSIDERATIONS . . . . . OPTIONAL (Rated 1 as Best & 5 as Worst)

- A. DETERIORATION
- B. PHYSICAL DAMAGE
- C. WATER DAMAGE
- D. ACTIVITY/VIBRATION
- E. EXPOSURE
- F. ACCESSIBILITY

- 1. 1 HOUR/WEEK
- 2. 5 HRS/WK
- 3. 10 HRS/WK
- 4. 20 HRS/WK
- 5. 40 HRS/WK

- G. LENGTH OF EXPOSURE
- H. EXPOSURE POPULATION (Personnel)

- 1. MAINTENANCE ONLY
- 2. MAINT., CUSTODIAN
- 3. MAINT., CUST., FACULTY
- 4. MAINT., CUST., FAC., STUDENTS
- 5. MAINT., CUSTD., FAC. STDS., PUBLIC

ASSESSMENT CATEGORIES

- 1 - Damaged/significantly damaged TSI
- 2 - Damaged friable SURFACING ACM
- 3 - Significantly damaged friable SURFACING ACM
- 4 - Damaged or significantly damaged friable MISCELLANEOUS ACM
- 5 - ACMB with potential for damage
- 6 - ACMB with potential for significant damage
- 7 - Any remaining friable ACMB or friable suspected ACMB

SAMPLE NO.	BIA #	EXIST RM.#	INSPECTION AREA NAME	ASBESTOS TYPE/%	EXPOSURE CONSIDERATIONS							ASMT. CAT.	QUANTITIES			TOTALS					
					A	B	C	D	E	F	G		H	LENGTH	WD.		DIA.	LF	SF		
2588	2		kitchen basement	chrys 2%	1	3	1	1	5	5	2	2	4	9		20				180	

AREAS INCLUDED IN HOMOGENEOUS AREA

MISCELLANEOUS QUANTITY CALCULATIONS

CONFIRMED ACBM F X NF

ASSUMED ACBM F X NF

NO ACBM

GRAND TOTAL 180 SQ.FT. 180 LIN.FT.

MATERIAL DESCRIPTION / ADDITIONAL REASONS FOR ASSESSMENT

Tan

Badly damaged and coming up from floor

SAMPLING DATE: 8-19-88

INSPECTOR: Stan Riggs, Duane Trimble

SIGNATURE: *Stan Riggs*

LEA: Edmonson County Schools

SCHOOL: Old High School McEntire Hall

LEA NO. 999

SCHOOL NO. 999

HOMOGENEOUS AREA FORM

LEGEND

BI/M BUILDING INSPECTION AREA NUMBER

INSPECTOR ASSIGNED NO. FOR CONTROL

THERMAL(TSI)

SURFACING

MISC.

MAT. TYPE: 9" Floor Tile

151-999-1 HA: \_\_\_\_\_ DRAWING NO. \_\_\_\_\_ GENERIC \_\_\_\_\_ ASSIGNED \_\_\_\_\_

**EXPOSURE CONSIDERATIONS** - OPTIONAL (Rated 1 as Best & 5 as Worst)

- A. DETERIORATION  
 B. PHYSICAL DAMAGE  
 C. WATER DAMAGE  
 D. ACTIVITY/VIBRATION  
 E. EXPOSURE  
 F. ACCESSIBILITY
- G. LENGTH OF EXPOSURE  
 1. 1 HOUR/WK  
 2. 5 HRS/WK  
 3. 10 HRS/WK  
 4. 20 HRS/WK  
 5. 40 HRS/WK
- H. EXPOSURE POPULATION (Personnel)  
 1. MAINTENANCE ONLY  
 2. MAINT., CUSTODIAN  
 3. MAINT., CUST., FACULTY  
 4. MAINT., CUST., FAC., STUDENTS  
 5. MAINT., CUST., FAC., STDS., PUBLIC

**ASSESSMENT CATEGORIES**

- 1 - Damaged/significantly damaged TSI  
 2 - Damaged friable SURFACING ACM  
 3 - Significantly damaged friable SURFACING ACM  
 4 - Damaged or significantly damaged friable MISCELLANEOUS ACM  
 5 - ACBM with potential for damage  
 6 - ACBM with potential for significant damage  
 7 - Any remaining friable ACBM or friable suspected ACBM

SAMPLE NO.	BIA #	EXIST RM.#	INSPECTION AREA NAME	ASBESTOS TYPE/%	EXPOSURE CONSIDERATIONS							ASSMT. CAT.	QUANTITIES			TOTALS												
					A	B	C	D	E	F	G		H	LENGTH	WD.		DIA.	LF	SF									
2682	4		open area basmt	0%									8	50			400											
2443	4		storage room	0%									8	35			280											
GRAND TOTAL													680															

**AREAS INCLUDED IN HOMOGENEOUS AREA**

**MISCELLANEOUS QUANTITY CALCULATIONS**

**CONFIRMED** F  NF  **ASSUMED** F  NF  **NO ACBM**

**ACBM** F  NF  **SQ.FT.** 680 **LIN.FT.**

**MATERIAL DESCRIPTION / ADDITIONAL REASONS FOR ASSESSMENT**  
 drywalled  
 Assumed ACBM because only two samples were taken

**SAMPLING DATE:** 8/9/88  
**INSPECTOR:** Stan Riggs, Duane Trimble  
**SIGNATURE:** *Stan Riggs* *Duane Trimble*  
**LEA:** Edmonson County High School LEA NAME: Edmonson County High School LEA NO. 151  
**SCHOOL:** Old High School McEntire Hall SCHOOL NAME: Old High School McEntire Hall SCHOOL NO. 999

**LEGEND**  
 BIA# BUILDING INSPECTION AREA NUMBER  
 INSPECTOR ASSIGNED NO. FOR CONTROL

**HOMOGENEOUS AREA FORM**

**THERMAL(TSI)**  **SURFACING**  **MISC.**   
**MAT. TYPE:** Sheetrock walls

**151-999-1** **HA:** **GENERIC** **ASSIGNED** **4**



- EXPOSURE CONSIDERATIONS** - OPTIONAL (Rated 1 as Best & 5 as Worst)
- A. DETERIORATION
  - B. PHYSICAL DAMAGE
  - C. WATER DAMAGE
  - D. ACTIVITY/VIBRATION
  - E. EXPOSURE
  - F. ACCESSIBILITY
- G. LENGTH OF EXPOSURE**
1. 1 HOUR/WEEK
  2. 5 HRS/WK
  3. 10 HRS/WK
  4. 20 HRS/WK
  5. 40 HRS/WK
- H. EXPOSURE POPULATION (Personnel)**
1. MAINTENANCE ONLY
  2. MAINT., CUSTODIAN
  3. MAINT., CUST., FACULTY
  4. MAINT., CUST., FAC., STUDENTS
  5. MAINT., CUSTD., FAC., STDS., PUBLIC

- ASSESSMENT CATEGORIES**
1. Damaged/significantly damaged TSI
  2. Damaged friable SURFACING ACM
  3. Significantly damaged friable SURFACING ACM
  4. Damaged or significantly damaged friable MISCELLANEOUS ACM
  5. ACBM with potential for damage
  6. ACBM with potential for significant damage
  7. Any remaining friable ACBM or friable suspected ACBM

SAMPLE NO.	BA #	EXIST RM.#	INSPECTION AREA NAME	ASBESTOS TYPE/%	EXPOSURE CONSIDERATIONS							ASSMT. CAT.	QUANTITIES			TOTALS					
					A	B	C	D	E	F	G		H	LENGTH	WD.		DIA.	LF	SF		
2607		5	space area basement bottom of stairs	chrys. 3%										5	5					25	
AREAS INCLUDED IN HOMOGENEOUS AREA											GRAND TOTAL	25	SQ.FT.	CONFIRMED	ASSUMED	NO ACBM	LINEAL FT.				
MISCELLANEOUS QUANTITY CALCULATIONS											ACBM	F	NF	F	NF						

**SAMPLING DATE:** 8-9-88

**INSPECTOR:** Sean Riggs, Duane Trimble

**SIGNATURE:** *Sean Riggs*

**LEA:** Edmonson County High School

**SCHOOL:** Old High School McEntire Hall

**LEA NO.:** 151

**SCHOOL NO.:** 999

**LEGEND:** BUA BUILDING INSPECTION AREA NUMBER

**INSPECTOR ASSIGNED NO. FOR CONTROL:** 151-999-1

**HA:** 5

**GENERIC:** ASSIGNED

**DRAWING NO.:** 151-999-1

**THermal(TSI):**  SURFACING  MISC.

**MAT. TYPE:** 9" Floor tile

**MATERIAL DESCRIPTION / ADDITIONAL REASONS FOR ASSESSMENT:** Red

# HOMOGENEOUS AREA FORM

**EXPOSURE CONSIDERATIONS**

- A. DETERIORATION
- B. PHYSICAL DAMAGE
- C. WATER DAMAGE
- D. ACTIVITY/VIBRATION
- E. EXPOSURE
- F. ACCESSIBILITY

**EXPOSURE CONSIDERATIONS** - OPTIONAL (Rated 1 as Best & 5 as Worst)

- G. LENGTH OF EXPOSURE
- H. EXPOSURE POPULATION (Personnel)

**ASSESSMENT CATEGORIES**

- 1. Damaged/significantly damaged TSI
- 2. Damaged friable SURFACING ACM
- 3. Significantly damaged friable SURFACING ACM
- 4. Damaged or significantly damaged friable MISCELLANEOUS ACM
- 5. ACM with potential for damage
- 6. ACM with potential for significant damage
- 7. Any remaining friable ACM or friable suspected ACM

SAMPLE NO.	B/A #	EXIST RM.#	INSPECTION AREA NAME	ASBESTOS TYPE/%	EXPOSURE CONSIDERATIONS							ASSMT. CAT.	QUANTITIES				TOTALS	
					A	B	C	D	E	F	G		H	LENGTH	WD.	DIA.		LF
2613		6	space area basement	chrys A										5	5			25

**AREAS INCLUDED IN HOMOGENEOUS AREA**

**MISCELLANEOUS QUANTITY CALCULATIONS**

GRAND TOTAL 25 SQ.FT. 25 LIN.FT.

CONFIRMED  F  X

ASSUMED  F  NF

NO ACM

ACBM  F  NF

SAMPLING DATE: 8-9-88

INSPECTOR: Stan Riggs, Duane Trimble

SIGNATURE: [Signature]

LEA: Edmonson County High School LEA NO. 151

SCHOOL: Old High School McEntire Hall SCHOOL NO. 999

SCHOOL NAME: \_\_\_\_\_

MATERIAL DESCRIPTION / ADDITIONAL REASONS FOR ASSESSMENT: Black

LEGEND

B/W BUILDING INSPECTION AREA NUMBER

INSPECTOR ASSIGNED NO. FOR CONTROL

**HOMOGENEOUS AREA FORM**

THERMAL(TSI)  SURFACING  MISC.

MAT. TYPE: 9" floor tile

HA: \_\_\_\_\_

ASSIGNED \_\_\_\_\_

DRAWING NO. 151-999-1

**EXPOSURE CONSIDERATIONS - OPTIONAL (Rated 1 as Best & 5 as Worst)**

- A. DETERIORATION**  
 B. PHYSICAL DAMAGE  
 C. WATER DAMAGE  
 D. ACTIVITY/VIBRATION  
 E. EXPOSURE  
 F. ACCESSIBILITY

- G. LENGTH OF EXPOSURE**  
 1. 1 HOUR/WK  
 2. 5 HRS/WK  
 3. 10 HRS/WK  
 4. 20 HRS/WK  
 5. 40 HRS/WK

- H. EXPOSURE POPULATION (Personnel)**  
 1. MAINTENANCE ONLY  
 2. MAINT., CUSTODIAN  
 3. MAINT., CUST., FACULTY  
 4. MAINT., CUST., FAC., STUDENTS  
 5. MAINT., CUSTD., FAC., STDS., PUBLIC

**ASSESSMENT CATEGORIES**

- 1 - Damaged/significantly damaged TSI  
 2 - Damaged friable SURFACING ACM  
 3 - Significantly damaged friable SURFACING ACM  
 4 - Damaged or significantly damaged friable MISCELLANEOUS ACM  
 5 - ACBM with potential for damage  
 6 - ACBM with potential for significant damage  
 7 - Any remaining friable ACBM or friable suspected ACBM

SAMPLE NO.	BA #	EXIST RM.#	INSPECTION AREA NAME	ASBESTOS TYPE/%	EXPOSURE CONSIDERATIONS					ASSMT. CAT.	QUANTITIES			TOTALS			
					A	B	C	D	E		F	G	H		LENGTH	WD.	DIA.
2462	7		RR. by space area	0%								12	8				96

AREAS INCLUDED IN HOMOGENEOUS AREA

GRAND TOTAL 96 SQ.FT. LIN.FT.

MISCELLANEOUS QUANTITY CALCULATIONS

CONFIRMED  ASSUMED  NO ACBM

ACBM F  NF  F  NF

MATERIAL DESCRIPTION / ADDITIONAL REASONS FOR ASSESSMENT

Given square footage one sample is sufficient to determine not ACBM

H.A. #7 & 8 are the same

SAMPLING DATE: 8-9-88

INSPECTOR: Sean Riggs, Diane Tramble

SIGNATURE: [Signature]

SCHOOL: Edmonson County High School LEA NAME: LEA NO. 151

SCHOOL: Old High School, McEntire Hall LEA NO. 999

SCHOOL NAME: SCHOOL NO.

**HOMOGENEOUS AREA FORM**

LEGEND  
 BIA/ BUILDING INSPECTION AREA NUMBER  
 INSPECTOR ASSIGNED NO. FOR CONTROL

THERMAL(TSI)  SURFACING  MISC.

MAT. TYPE: Plaster wall

DRAWING NO. 151-999A HA: GENERIC ASSIGNED 7

**EXPOSURE CONSIDERATIONS** - OPTIONAL (Rated 1 as Best & 5 as Worst)

- A. DETERIORATION**  
**B. PHYSICAL DAMAGE**  
**C. WATER DAMAGE**  
**D. ACTIVITY/VIBRATION**  
**E. EXPOSURE**  
**F. ACCESSIBILITY**

- G. LENGTH OF EXPOSURE**  
 1. 1 HOUR/WEEK  
 2. 5 HRS/WK  
 3. 10 HRS/WK  
 4. 20 HRS/WK  
 5. 40 HRS/WK
- H. EXPOSURE POPULATION (Personnel)**  
 1. MAINTENANCE ONLY  
 2. MAINT., CUSTODIAN  
 3. MAINT., CUST., FACULTY  
 4. MAINT., CUST., FAC., STUDENTS  
 5. MAINT., CUSTD., FAC., STDS., PUBLIC

- ASSESSMENT CATEGORIES**  
 1 - Damaged/significantly damaged TSI  
 2 - Damaged friable SURFACING ACM  
 3 - Significantly damaged friable SURFACING ACM  
 4 - Damaged or significantly damaged friable MISCELLANEOUS ACM  
 5 - ACBM with potential for damage  
 6 - ACBM with potential for significant damage  
 7 - Any remaining friable ACBM or friable suspected ACBM

SAMPLE NO.	BIA #	EXIST RM.#	INSPECTION AREA NAME	ASBESTOS TYPE/%	EXPOSURE CONSIDERATIONS					ASSMT. CAT.	QUANTITIES			TOTALS SF	
					A	B	C	D	E		F	G	H		LENGTH
2817	8		all of 1st floor	0%								158	80		12,640
2479	8		2nd floor	0%											
2527	8			0%											
2704	8			0%											
2497	8			0%											
2610	8			0%											
2637	8			0%											

**AREAS INCLUDED IN HOMOGENEOUS AREA**

**MISCELLANEOUS QUANTITY CALCULATIONS**

**GRAND TOTAL** 12,640 **SQ.FT.** 12,640 **LIN.FT.**

**ACBM** CONFIRMED  F  NF  ASSUMED  F  NF  NO ACBM  X

**SAMPLING DATE:** 8-9-88

**INSPECTOR:** Steve Riggs, Duane Trimble

**SIGNATURE:** *[Signature]*

**LEA:** Edmonson County High School

**SCHOOL:** Old High School McEntire Hall

**LEA NAME:** Edmonson County High School

**SCHOOL NAME:** Old High School McEntire Hall

**LEA NO.:** 151

**SCHOOL NO.:** 999

**MATERIAL DESCRIPTION / ADDITIONAL REASONS FOR ASSESSMENT**

**HOMOGENEOUS AREA FORM**

**LEGEND**  
 BIA# BUILDING INSPECTION AREA NUMBER  
 INSPECTOR ASSIGNED NO. FOR CONTROL

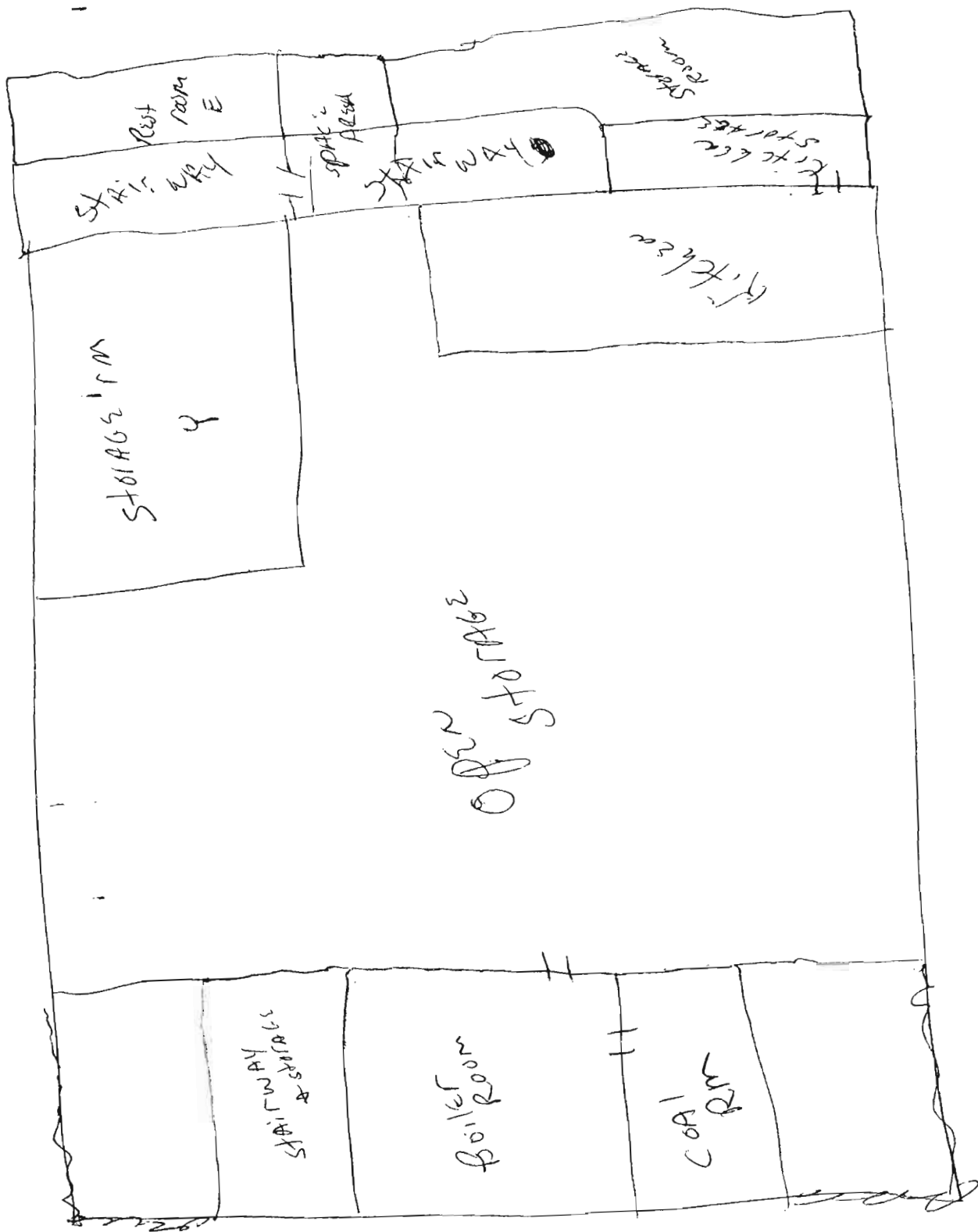
**THERMAL(TSI)**  SURFACING  MISC.

**MAT. TYPE:** plaster walls

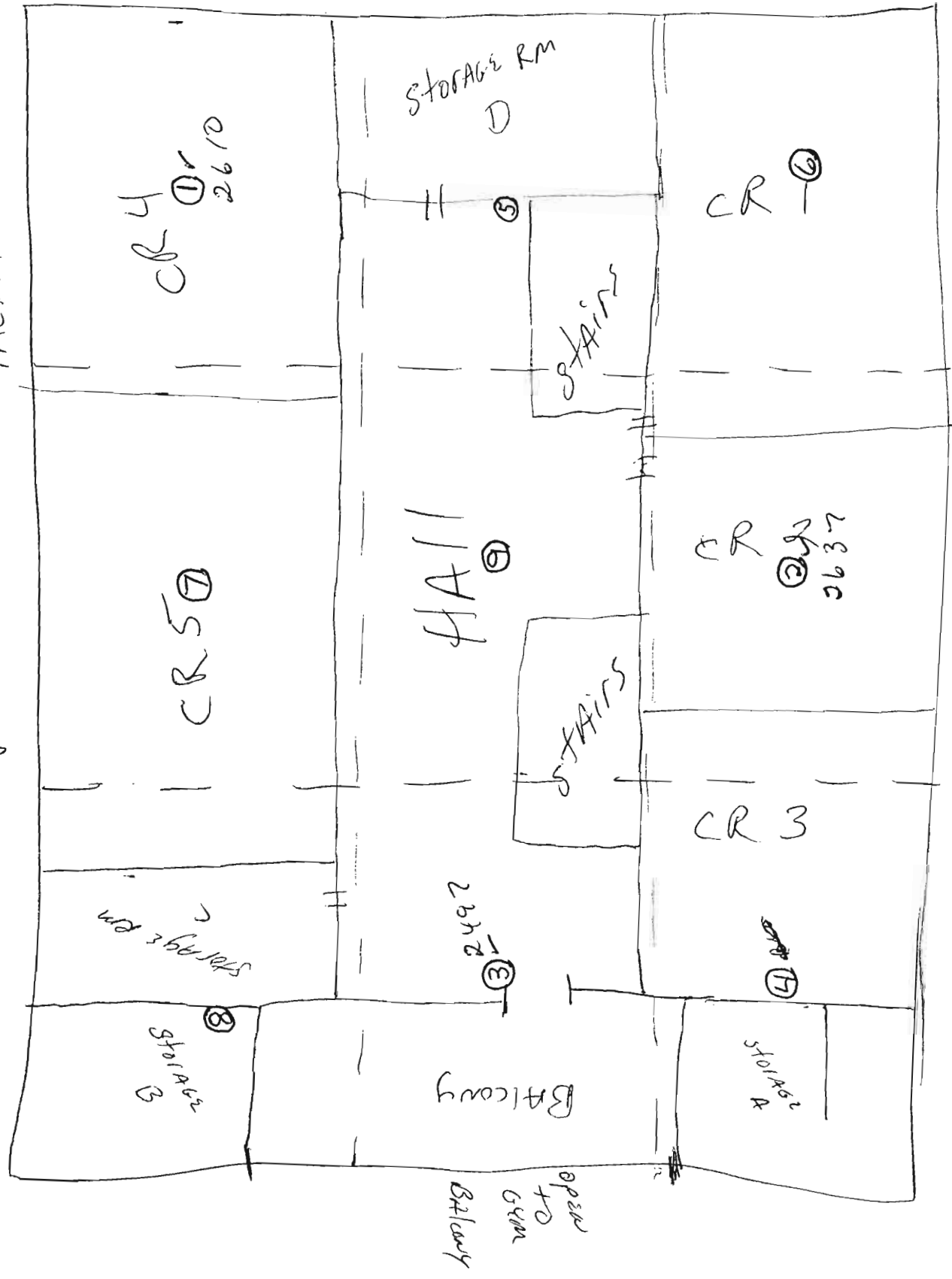
**HA:** 151-999-1+2 **GENERIC** 8 **ASSIGNED**

old High school  
McCintire Hall

BASEMENT

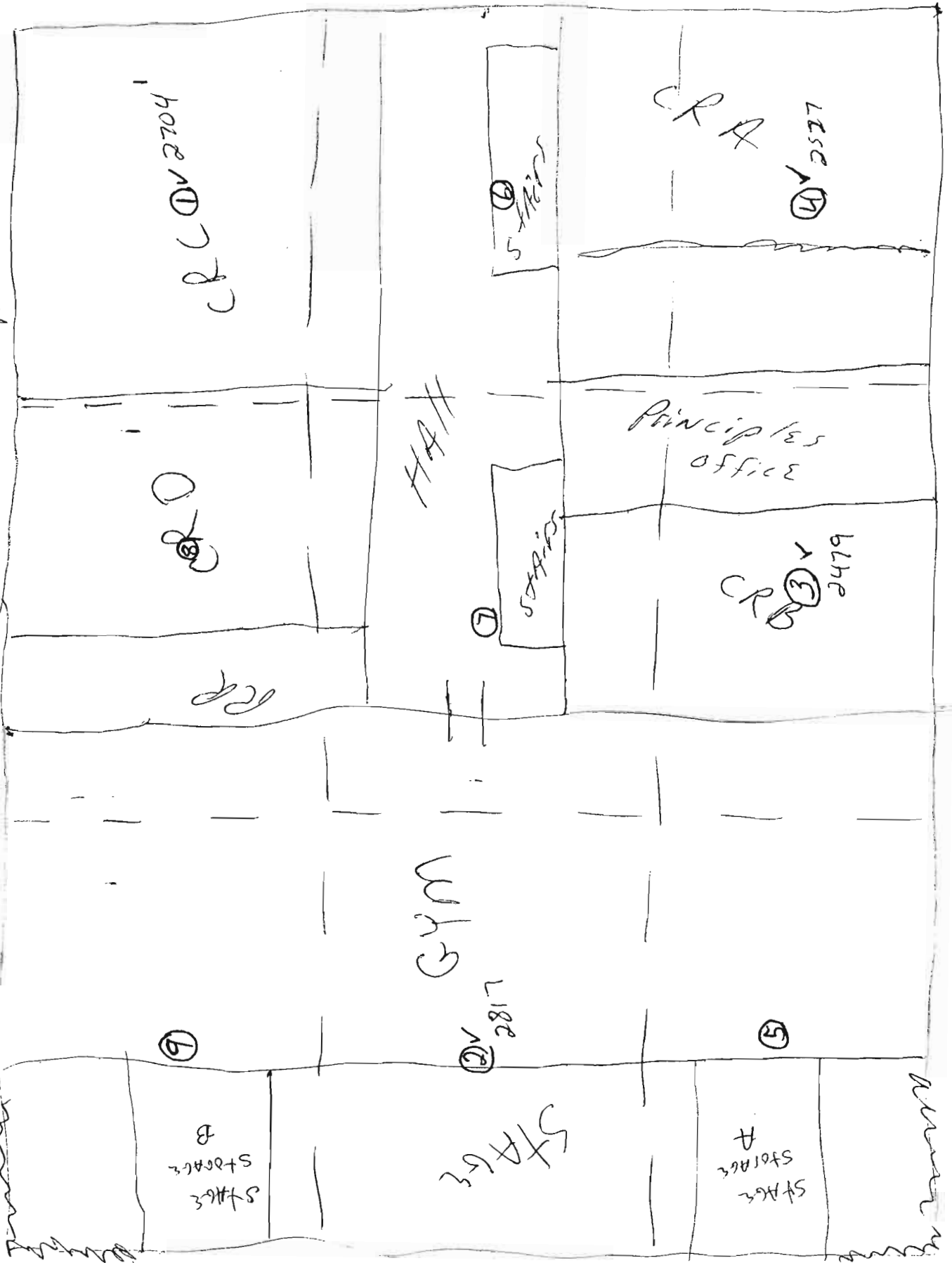


UPSTAIR Old High School  
McIntire Hall



151-999-2

1st Floor Old High School  
McIntire Hall



151-999-B

**ASSESSME. CATEGORIES**

- 1 - Damaged/significantly damaged TSI
- 2 - Damaged friable SURFACING ACM
- 3 - Significantly damaged friable SURFACING ACM
- 4 - Damaged or significantly damaged friable MISCELLANEOUS ACM
- 5 - ACM with potential for damage
- 6 - ACM with potential for significant damage
- 7 - Any remaining friable ACM or friable suspected ACM

HOMOGEN. AREA    FUNCT. SPACE    MATERIAL TYPE    DESCRIPTION

TSI    SURFACING    MISC.

QUANTITIES    Ln. Ft.    Sq. Ft.

ASSESSMENT NO.    CATEGORY NO.

INST. PREVT. MEAS.    O & M PROGRAM    REPAIR    ENCAPSULATE    ENCLOSE    REMOVE    ISOLATE    OTHER

SCHEDULE    START DATE    COMPL. DATE

HA#	FS#	DESCRIPTION	TSI	SURFACING	MISC.	Ln. Ft.	Sq. Ft.	ASSESSMENT NO.	CATEGORY NO.	INST. PREVT. MEAS.	O & M PROGRAM	REPAIR	ENCAPSULATE	ENCLOSE	REMOVE	ISOLATE	OTHER	START DATE	COMPL. DATE
1		compound jacketing & gaskets	X				40	1							X			7/9/89	1/9/90
2		9" floor tile			X		180	4							X			7/9/89	1/9/90
4		sheetrock walls			X		680	5		X								7/9/89	ongoing
5		9" floor tile			X		25	5		X								7/9/89	ongoing
6		9" floor tile			X		25	5		X								7/9/89	ongoing

**RESPONSE ACTIONS RECOMMENDED BY MANAGEMENT PLANNER**

SCHOOL: Old High School McIntyre Hall    SCHOOL NO. 999

LEA: Edmonson County Schools    LEA NO. 151

DATE: 10/12/88    MANAGEMENT PLANNER SIGNATURE: [Signature]

MANAGEMENT PLAN DATE: 10/12/88

KDOE AHERA 3.0    June 1, 1986    KENTUCKY DEPARTMENT OF EDUCATION - DIVISION OF BUILDINGS & GROUNDS



**RESPONSE ACTION (RA)**

USE ONE (1) SHEET FOR EACH DIFFERENT RESPONSE ACTION

- INSTITUTE PREVENTIVE MEASURES
- OPERATIONS & MAINTENANCE PROGRAM
- REPAIR
- ENCAPSULATE
- ENCLOSE
- REMOVE
- ISOLATE
- OTHER

DETAILED DESCRIPTION OF MARKED RESPONSE ACTION

1. INITIAL CLEANING
2. ADDITIONAL CLEANING AND REPAIRS AS NEEDED BUT AT LEAST ANNUALLY
3. STANDARD O & M PRACTICES TO BE FOLLOWED

**LOCATIONS**

LIST ALL HOMOGENEOUS AREA NOS.; FUNCTIONAL SPACE NOS. OR ATTACH DRAWING

- H.A.#5
- H.A.#6
- H.A.#4

**REASONS**

GIVE REASONS FOR SELECTING RESPONSE ACTION (RA) (IF RA IS DIFFERENT FROM RECOMMENDATIONS ON FORM 3.0 - LIST REASONS FOR CHANGE)

NECESSARY TO ASSURE THAT FIBERS ARE NOT RELEASED INTO THE AIR

**SCHEDULE**

STARTING DATE(S) & COMPLETION DATE(S) FOR RESPONSE ACTION

START JULY 9, 1989 COMPLETION-ON GOING UNLESS ASBESTOS IS REMOVED

**RESOURCES NEEDED**

LOCAL DISTRICT PERSONEL TRAINED IN THE O & M PROGRAM

**RESPONSE ACTION TO BE IMPLEMENTED BY LEA**

SCHOOL: OLD HIGH SCHOOLS MCINTYRE HALL 999 SCHOOL NO.  
 LEA: EDMONSON COUNTY SCHOOLS 151 LEA NO.

10/12/88  
MANAGEMENT PLAN DATE

**RESPONSE ACTION (RA)**

USE ONE (1) SHEET FOR EACH DIFFERENT RESPONSE ACTION

INSTITUTE PREVENTIVE MEASURES       REPAIR       ENCLOSE       ISOLATE  
 OPERATIONS & MAINTENANCE PROGRAM       ENCAPSULATE       REMOVE       OTHER

DETAILED DESCRIPTION OF MARKED RESPONSE ACTION

REMOVE ALL COMPOUND JACKETING AND GASKETS MEETING REQUIREMENTS OF EPA

Remove all 9" floor tile in kitchen of basement kitchen

**LOCATIONS**

LIST ALL HOMOGENEOUS AREA NOS.; FUNCTIONAL SPACE NOS. OR ATTACH DRAWING

H.A.#1  
H.A.#2

*Make a change to Plan + Builders did Basement being not  
note in central office - has on this floor - general plan Encapsulated  
used bonded up to help Encapsulate - tried to get w/pt planter  
also remove charge + bonded up + installed*

**REASONS**

GIVE REASONS FOR SELECTING RESPONSE ACTION (RA) (IF RA IS DIFFERENT FROM RECOMMENDATIONS ON FORM 3.0 - LIST REASONS FOR CHANGE)

ALL JACKETING AND GASKETS ARE FRIABLE DUE TO OLD AGE

All 9" floor tile in basement kitchen is busted up and loose from floor

**SCHEDULE**

STARTING DATE(S) & COMPLETION DATE(S) FOR RESPONSE ACTION

START JULY 9, 1989 AND COMPLETE BY JAN. 9, 1990

*June 1990 Bonded up*

**RESOURCES NEEDED**

ACCREDITED PERSONNEL TO PERFORM THE TASK

**RESPONSE ACTION TO BE IMPLEMENTED BY LEA**

SCHOOL: OLD HIGH SCHOOLS MCINTYRE HALL

SCHOOL NO. 9 9 9

LEA: EDMONSON COUNTY SCHOOLS

LEA NO. 1 5 J

MANAGEMENT PLAN DATE 10/12/88

### NOTIFICATION PLAN

- 1) A notice of the availability of the management plan will be given to all parent, teacher, and employee organizations and published in either an LEA newsletter or the newspaper of widest circulation for the school district beginning in October, 1988, and continuing annually thereafter. A dated copy of this notice is included in the appendix.
- 2) Written notice to workers and building occupants will be posted at entrances and other conspicuous places, and updated at least annually with information about inspections, response actions, and post-response action activities, including periodic reinspection and surveillance activities that are planned or in progress.

### PERIODIC SURVEILLANCE PLAN

TO BE CONDUCTED AT LEAST EVERY 6 MONTHS AFTER THE EFFECTIVE DATE OF THE MANAGEMENT PLAN

A person designated by the LEA superintendent shall perform the six month surveillance activities beginning in October, 1989, and every six months or less thereafter. He shall record the date of the surveillance, his name, and any observable changes in the condition of the material and submit this information to the LEA Designated Person, for inclusion in the management plan.

### REINSPECTION PLAN

TO BE CONDUCTED EVERY 3 YEARS AFTER THE EFFECTIVE DATE OF THE MANAGEMENT PLAN

During the 1991-92 fiscal year and every 3 years thereafter the LEA will provide for reinspection of its buildings. The reinspection will be performed by accredited local school personnel or by an accredited contractor if trained local personnel are unavailable. A written inspection report will be provided to the LEA Designated Person for inclusion in the management plan.

### FOLLOW-UP ACTIONS

TO BE IMPLEMENTED BY LEA

SCHOOL: Old High School (McIntyre Hall) SCHOOL NO. 999  
LEA: Edmonson County Schools LEA NO. 151  
LEA NAME Edmonson County Schools LEA NO. 151  
10/12/88  
MANAGEMENT PLAN DATE

BULK SAMPLE LABORATORY ANALYSIS

Bulk sample laboratory analysis reports for the school district are located at the beginning of the appendix.