ASBESTOS-CONTAINING MATERIALS
REINSPECTION REPORT

PENN MANOR HIGH SCHOOL
E8711-05B

TABLE OF CONTENTS

REINSPECTION SUMMARY

A reinspection for Asbestos-Containing Materials was performed at the Penn Manor High School, under jurisdiction of the Penn Manor School District, by Environmental Hazards Consulting, Inc., One Penn Square, Lancaster, Pennsylvania 17602, on May 13, 1994.

The inspection was performed in accordance with the standards of 40 CFR, Part 763, Subpart E, the AHERA Regulations, for the purpose of the required three-year reinspection.

The results of the inspection are presented on the following pages.

In some instances, asbestos-containing materials concealed by the existing construction and finish materials and not indicated in any construction or renovation documentation, cannot be detected without significant disturbance or demolition of the construction or finish. Roofing materials were not sampled as part of the survey but may contain asbestos. Therefore it is recommended that the LEA utilize an accredited inspector prior to demolition or renovation work to further investigate, and during renovation or demolition work should suspect materials be uncovered, for any concealed materials not accessible during this survey.

Certain materials obvious to the inspector as typically containing asbestos and materials previously sampled and confirmed as asbestos-containing by others, were assumed to be ACBM and are listed under "Homogeneous Areas".

Inspector:

Name: Kenneth W. Houseman

Kenneth W. Houseman
Signature

May 26, 1994
Date

REINSPECTION SUMMARY

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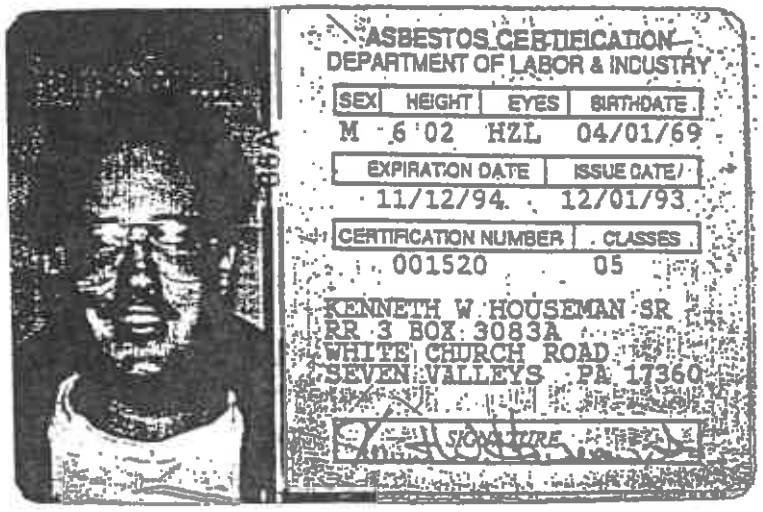
Inspector:

Name: Richard A. Ross

Richard A. Ross
Signature

1/25/95
Date



ASBESTOS CERTIFICATION
DEPARTMENT OF LABOR & INDUSTRY

SEX	HEIGHT	EYES	BIRTHDATE
M	6'02	HZL	04/01/69

EXPIRATION DATE	ISSUE DATE
11/12/94	12/01/93

CERTIFICATION NUMBER	CLASSES
001520	05

KENNETH W HOUSEMAN SR
RR 3 BOX 3083A
WHITE CHURCH ROAD
SEVEN VALLEYS PA 17360

SIGNATURE

NOT APPROVED FOR WORK IN MARYLAND SCHOOLS

BIOSPHERICS® INCORPORATED
12051 Indian Creek Court
Beltsville, Maryland 20705
(301) 419-3900

This is to certify that

Kenneth W. Houseman, Sr.

has successfully completed
an EPA approved course for

Building Inspectors (Refresher)

entitled

Asbestos Hazards, Abatement and Protection

given

November 12, 1993

93-11-12-22
Certification Number

November 12, 1994
Certification Expires

Instructor

Course Director

THIS TRAINEE HAS SUCCESSFULLY PASSED OUR EXAMINATION.

PENNSYLVANIA ASBESTOS CERTIFICATION

001518

Sex	Height	Eyes	Birth Date
M	5 ' 10"	BLU	05/19/53

Expires 11/30/95 Issue Date 12/02/94

Class
MANAGEMENT PLANNER

RICHARD A ROSS
1981 STERLING PLACE

LANCASTER PA 17601

THE FOLLOWING INFORMATION PERTAINS TO DRIVER LICENSES ONLY

LICENSE CLASSES
A. Combination > 26,000/Tow > 10,000
B. Single > 26,000/Tow < 10,001
C. Single/Comb < 26,001
M. Motorcycle/Motor Driven Cycle

COMMERCIAL RESTRICTIONS
L. No air brakes
B. No A buses
C. No A/B buses

COMMERCIAL ENDORSEMENTS
H. Hazmat
N. Tank
X. Tank/Hazmat
T. Dbl/Tpl trailers
P. Passenger
S. School bus

RESTRICTIONS
1. Corrective lenses
2. Dual mirrors
3. Automatic
4. Special Equipment
5. Daylight only
6. Classified driver
7. Restricted license
8. Motorcycle motor not > 5 brake hp

Lancaster Laboratories
Where quality is a science.

This is to certify that

Richard A. Ross

has successfully completed the 1/2-Day Asbestos Building Inspector Annual Refresher Course in accordance with PA Act 194-1990, EPA AHERA (40 CFR Part 763), and TSCA Title II.

BIR-092-1194
Certificate Number

193-42-4414
Social Security Number

November 30, 1994
Course Date

November 30, 1995
Expiration Date

Course Instructor

008711 Penn Manor School District

BLDG. NO: 06 BUILDING NAME: Penn Manor High School

HOMOGENEOUS AREAS

ASBESTOS CONTENT: C - Chrysotile, A - Amosite, CR - Crocidolite, TR - Tremolite, AC - Actinolite
ASMD - Assumed, ND - None Detected

Homo. Area No.	Material	Location	Approx. Amount	Material Classification	Friability	Asbestos Content	Sample No(s).
01	Boiler Insulation	Boiler Room	900 S.F.	Thermal Systems Insulation	Friable	25%C 25%A	*Sampled by Others
02	Breeching Insulation	Boiler Room	1,400 S.F.	Thermal Systems Insulation	Friable	25%C	*Sampled by Others
03	Hot Water Storage Tank Insulation	Boiler Room	500 S.F.	Thermal Systems Insulation	Friable	25%C	*Sampled by Others
04	Domestic Cold Water Storage Tank Insulation	Boiler Room	600 S.F.	Thermal Systems Insulation	Friable	25%C	*Sampled by Others
05	Pipe Fitting Insulation	Throughout Building	Unknown	Thermal Systems Insulation	Friable	30%C	*Sampled by Others

008711 Penn Manor School District

BLDG. NO: 06 BUILDING NAME: Penn Manor High School

HOMOGENEOUS AREAS [CONTINUED]

ASBESTOS CONTENT: C - Chrysotile, A - Amosite, CR - Crocidolite, TR - Tremolite, AC - Actinolite
ASMD - Assumed, ND - None Detected

Homo. Area No.	Material	Location	Approx. Amount	Material Classification	Friability	Asbestos Content	Sample No(s).
06	Duct Insulation Mastic	Junior Boy's Gym Mechanical Rooms	400 S.F.	Miscellaneous Material	Friable	10%C	*Sampled by Others
07	9"x9" Floor Tile	Throughout Building (Except Corridors)	100,000 S.F.	Miscellaneous Material	Non-Friable	5%C	*Sampled by Others
08	Transite Board	Office Partition Panels & Behind Unit Heaters Throughout Building	21,400 S.F.	Miscellaneous Material	Non-Friable	ASMD	*Assumed by Others

ASSESSMENT PROCEDURE/INSPECTOR

Assessment Procedure:

Assessments were performed of the Friable ACBM in accordance with Section 763.88 of 40 CFR, Part 763, Subpart E. Field assessment forms were completed as part of the assessment evaluation and are hereinafter included as reference standards for future inspection by the LEA. The factors considered and the reason for the assessment classification are contained on these forms.

For the purposes of overall information organization, all suspect and confirmed ACBM materials have been assigned assessment numbers.

The materials were assessed in regard to existing condition, damage potential and exposure potential. Each material was classified into each of the following three assessment criteria categories:

Existing Condition:

1. Significantly Damaged
2. Damaged
3. No Damage

Potential for Damage:

1. Potential for Significant Damage
2. Potential for Damage
3. Low Potential for Damage

Potential for Exposure

1. Potential for Significant Exposure
2. Potential for Exposure
3. Low Potential for Exposure

Each asbestos-containing material was then classified into one of the following categories established by the AHERA Regulations.

1. Damaged or significantly damaged thermal systems insulation.
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.

CONSULTANT ACCREDITATION STATEMENT

Management Planner

Name:	Richard A. Ross
Company:	Environmental Hazards Consulting, Inc.
Mailing Address:	One Penn Square Lancaster, Pennsylvania 17602
Telephone Number:	(717) 393-8861

Certification

I certify as an EPA accredited management planner under Section 206(C) of Title II of the Act, that I have prepared or assisted in the preparation of this management plan update.

Richard A. Ross
Signature

1/25/95
Date

008711 Penn Manor School District

BLDG. NO: 06 BUILDING NAME:Penn Manor High School

ASSESSMENT REPORT

Homo. Area No.	Asm't No.	Functional Space(s) and Material	Approx. Amount	Assessment Criteria: Existing Damage	Damage Potential	Exposure Potential	AHERA Class.
01	A	Boiler Room Boiler Insulation	900 S.F.	1 No Damage	2 Potential	2 Potential	05
02	A	Boiler Room Breeching Insulation	1,400 S.F.	2 Damage	2 Potential	2 Potential	01
03	A	Boiler Room Hot Water Storage Tank Insulation	500 S.F.	2 Damage	2 Potential	2 Potential	01
04	A	Boiler Room Domestic Cold Water Storage Tank Insulation	600 S.F.	3 Significant Damage	3 Significant Potential	3 Significant Potential	01
05	A	Boiler Room Pipe Fitting Insulation	150 Fittings	1 No Damage	2 Potential	2 Potential	05
05	B	Above Classroom Permanent Ceilings (Not Accessible) Pipe Fitting Insulation	500 Fittings	1 No Damage	2 Potential	3 Significant Potential	05

008711 Penn Manor School District

BLDG. NO: 06 BUILDING NAME:Penn Manor High School

ASSESSMENT REPORT

Homo. Area No.	Asm't No.	Functional Space(s) and Material	Approx. Amount	Assessment Criteria: Existing Damage	Damage Potential	Exposure Potential	AHERA Class.
06	A	Junior Boy's Gym Mechanical Rooms Duct Insulation Mastic	400 S.F.	2 Damage	3 Significant Potential	3 Significant Potential	04
07	A	Classrooms, Cafeteria, & Offices 9"x9" Floor Tile	99,750 S.F.	1 No Damage	1 Low Potential	2 Potential	08
07	B	Gymnasium Air Handing/Storage Room 9"x9" Floor Tile	250 S.F.	3 Significant Damage	3 Significant Potential	2 Potential	04
08	A	Offices, Classrooms, Storage, Gymnasium Transite Board	21,150 S.F.	1 No Damage	1 Low Potential	2 Potential	08
08	B	Gymnasium C.P.R. Instruction Room (Window Wall) Transite Board	250 S.F.	2 Damage	2 Potential	3 Significant Potential	08

EHC ENVIRONMENTAL HAZARDS CONSULTING INC.

ACM ASSESSMENT FORM

Project No. E8911/—/—/05B (clnt div fac proj) Client: PENN MANOR SCH. DISTRICT. Homog Area: 01

Building: PENN MANOR HIGH SCHOOL. No. 06 Assessment: A

Functional Space(s): BOILER ROOM.

Material: BOILER INSULATION. Amount: 900 Sq.Ft. _____ Lin.Ft.

Friability: X Friable O Non-Friable | Type: O Surfacing X Thermal Insulation O Misc. | Asbestos Content: _____

EXISTING DAMAGE

Rating: O Significantly Damaged O Damaged X No Damage

Physical Damage:	Water Damage:	Deterioration:	Damage Extent:
O Significant >10%	O Significant >10%	O Significant >10%	O Localized
O Damaged <10%	O Damaged <10%	O Deteriorated<10%	O Distributed
X No Damage	X No Damage	X No Deterioration	O Both

Remarks: NO DAMAGE.

DAMAGE POTENTIAL

Rating: O Significant Potential X Potential O Low Potential

Fiber Release Deterrent: O None O Sealed Enclosure X Barrier O Encapsulant

Description: WRAPPED + PAINTED.

Accessibility: X Within Normal Reach O Barely Reachable O Not Reachable

Functional Space Activity: BOILER ROOM.

Proximity To Items Requiring Maintenance/Repair: -0- Feet

Type Of Maintenance/Repair: BOILER REPAIR/MAINT.

Subject To Moisture Damage: X Yes O No Source: X Piping X Roof Leak O Sprinkler O Other

Description: NO LEAKS NOTED.

Ventilation: X Yes O No O Mechanical X Natural O Intake O Exhaust Movement: O High O Moderate O Low X Variable

Description: NATURAL AIR MOVEMENT.

Potential For Air Erosion: O High O Moderate X Low

Vibration - Potential For Fiber Release: O High X Moderate O Low

Description: VIBRATION AFFECTING ACM W/GOOD SURFACE.

EXPOSURE POTENTIAL

Rating: O Significant Potential X Potential O Low Potential

Accessibility: O General Population O Tenants O Operations X Routine Maintenance X Repair

Remarks: AREA ACCESSED FOR MAINT/REPAIR.

Dust/Debris Present: O Significant O Moderate O Slight X None

Fiber Transport: X None O Air Plenum/Chase O Ductwork O Mechanical Shaft O Elevator/Dumbwaiter O Other

Description: NONE.

Photographs: O Yes X No No's: _____ AHERA Classification Number: 5

ASSESSMENT: 122/____ RESPONSE: RO PRIORITY: PO PERIODIC SURVEILLANCE: SI O&M: 1F /MN: ____ /CP: ____

Inspector: KENNETH W. HOUSEMAN Certification No.: 93-11-12-23

Signature: Kenneth W. Houseman Date: MAY 13, 1994

EHC ENVIRONMENTAL HAZARDS CONSULTING INC.

ACM ASSESSMENT FORM

Project No. E8911/—/—/05B (clnt div fac proj) Client: PENN MANOR SCH. DISTRICT. Homog Area: 02

Building: PENN MANOR HIGH SCHOOL. No. 06 Assessment: A

Functional Space(s): BOILER ROOM.

Material: BLEECHING INSULATION. Amount: 1400 Sq.Ft. _____ Lin.Ft.

Friability: X Friable O Non-Friable | Type: O Surfacing X Thermal Insulation O Misc. | Asbestos Content: _____

EXISTING DAMAGE

Rating: O Significantly Damaged X Damaged O No Damage

Physical Damage:	Water Damage:	Deterioration:	Damage Extent:
O Significant >10%	O Significant >10%	O Significant >10%	X Localized
X Damaged <10%	O Damaged <10%	O Deteriorated<10%	O Distributed
O No Damage	X No Damage	X No Deterioration	O Both

Remarks: DAMAGE EXISTS ONLY AT BOTTOM OF CENTER FLUE. 6 ft² OF DAMAGE.

DAMAGE POTENTIAL

Rating: O Significant Potential X Potential O Low Potential

Fiber Release Deterrent: O None O Sealed Enclosure X Barrier O Encapsulant

Description: WRAPPED & PAINTED.

Accessibility: X Within Normal Reach O Barely Reachable O Not Reachable

Functional Space Activity: BOILER ROOM.

Proximity To Items Requiring Maintenance/Repair: ~0~ Feet

Type Of Maintenance/Repair: BOILER/FLUE REPAIR

Subject To Moisture Damage: X Yes O No Source: X Piping X Roof Leak O Sprinkler O Other

Description: NO LEAKS NOTED.

Ventilation: X Yes O No Mechanical O Intake X Natural O Exhaust

Movement: O High O Moderate O Low X Variable

Description: NATURAL AIR MOVEMENT.

Potential For Air Erosion: O High X Moderate O Low

Vibration - Potential For Fiber Release: O High X Moderate O Low

Description: MINIMAL VIBRATION AFFECTING LOCALIZED DAMAGE.

EXPOSURE POTENTIAL

Rating: O Significant Potential X Potential O Low Potential

Accessibility: O General Population O Tenants O Operations X Routine Maintenance X Repair

Remarks: AREA ACCESSED FOR MAINT/REPAIR.

Dust/Debris Present: O Significant O Moderate O Slight X None

Fiber Transport: X None O Air Plenum/Chase O Ductwork O Mechanical Shaft O Elevator/Dumbwaiter O Other

Description: NONE.

Photographs: O Yes X No No's: _____ | AHERA Classification Number: 1

ASSESSMENT: 222/____ | RESPONSE: R11 | PRIORITY: P2 | PERIODIC SURVEILLANCE: S1 | O&M: 1F /MN: ____ /CP: ____

Inspector: KENNETH C.J. HOUSEMAN Certification No.: 93-11-12-23

Signature: Kenneth C.J. Houseman Date: MAY 13, 1994

EHC ENVIRONMENTAL HAZARDS CONSULTING INC.

ACM ASSESSMENT FORM

Project No. E8911/—/—/05B (clnt div fac proj) Client: PENN MANOR SCH. DISTRICT. Homog Area: 03

Building: PENN MANOR HIGH SCHOOL. No. 06 Assessment: A

Functional Space(s): BOILER ROOM.

Material: HOT WATER STORAGE TANK INSULATION. Amount: 500 Sq.Ft. _____ Lin.Ft.

Friability: X Friable O Non-Friable | Type: O Surfacing X Thermal Insulation O Misc. | Asbestos Content: _____

EXISTING DAMAGE

Rating: O Significantly Damaged X Damaged O No Damage

Physical Damage:	Water Damage:	Deterioration:	Damage Extent:
O Significant >10%	O Significant >10%	O Significant >10%	O Localized
X Damaged <10%	O Damaged <10%	O Deteriorated<10%	X Distributed
O No Damage	X No Damage	X No Deterioration	O Both

Remarks: DAMAGE IS DISTRIBUTED. (MINOR)

DAMAGE POTENTIAL

Rating: O Significant Potential X Potential O Low Potential

Fiber Release Deterrent: O None O Sealed Enclosure X Barrier O Encapsulant

Description: WRAPPED & PAINTED.

Accessibility: X Within Normal Reach O Barely Reachable O Not Reachable

Functional Space Activity: BOILER ROOM

Proximity To Items Requiring Maintenance/Repair: 10' Feet

Type Of Maintenance/Repair: TANK REPAIR/MAINT.

Subject To Moisture Damage: X Yes O No Source: X Piping X Roof Leak O Sprinkler X Other

Description: NO LEAKS NOTED.

Ventilation: X Yes O No O Mechanical X Natural O Intake O Exhaust Movement: O High O Moderate O Low X Variable

Description: NATURAL AIR MOVEMENT.

Potential For Air Erosion: O High X Moderate O Low

Vibration - Potential For Fiber Release: O High X Moderate O Low

Description: MINIMAL VIBRATION AFFECTING MINOR DAMAGE.

EXPOSURE POTENTIAL

Rating: O Significant Potential X Potential O Low Potential

Accessibility: O General Population O Tenants O Operations X Routine Maintenance X Repair

Remarks: AREA ACCESSIBLE TO MAINT/REPAIR

Dust/Debris Present: O Significant O Moderate O Slight X None

Fiber Transport: X None O Air Plenum/Chase O Ductwork O Mechanical Shaft O Elevator/Dumbwaiter O Other

Description: NONE.

Photographs: O Yes X No No's: _____ AHERA Classification Number: 1

ASSESSMENT: 222/____ RESPONSE: R11 PRIORITY: P2 PERIODIC SURVEILLANCE: S1 O&M: 1F /MN: ____ /CP: ____

Inspector: KENNETH C. HOUSEMAN Certification No.: 93-11-12-23

Signature: Kenneth C. Houseman Date: MAY 13, 1994

EHC ENVIRONMENTAL HAZARDS CONSULTING INC.

ACM ASSESSMENT FORM

Project No. E8711/—/—/05B (clnt div fac proj) Client: PENN MANOR SCH. DISTRICT. Homog Area: 04

Building: PENN MANOR HIGH SCHOOL. No. 06 Assessment: A

Functional Space(s): BOILER ROOM.

Material: DOMESTIC COLD WATER STORAGE TANK INSULATION. Amount: 1000 Sq.Ft. _____ Lin.Ft.

Friability: X Friable O Non-Friable | Type: O Surfacing X Thermal Insulation O Misc. | Asbestos Content: _____

EXISTING DAMAGE

Rating: X Significantly Damaged O Damaged O No Damage

Physical Damage:	Water Damage:	Deterioration:	Damage Extent:
O Significant >10%	O Significant >10%	X Significant >10%	O Localized
X Damaged <10%	O Damaged <10%	O Deteriorated<10%	O Distributed
O No Damage	X No Damage	O No Deterioration	X Both

Remarks: TOP OF TANK IS EXTENSIVELY DETERIORATED.

DAMAGE POTENTIAL

Rating: X Significant Potential O Potential O Low Potential

Fiber Release Deterrent: X None O Sealed Enclosure O Barrier O Encapsulant

Description: NONE.

Accessibility: X Within Normal Reach O Barely Reachable O Not Reachable

Functional Space Activity: BOILER ROOM.

Proximity To Items Requiring Maintenance/Repair: -0- Feet

Type Of Maintenance/Repair: TANK MAINT.

Subject To Moisture Damage: X Yes O No Source: X Piping X Roof Leak O Sprinkler X Other

Description: NO LEAKS NOTED

Ventilation: X Yes O No Mechanical O Intake X Natural O Exhaust Movement: O High O Moderate O Low X Variable

Description: NATURAL AIR MOVEMENT.

Potential For Air Erosion: X High O Moderate O Low

Vibration - Potential For Fiber Release: X High O Moderate O Low

Description: ANY VIBRATION AFFECTING SIG. DAMAGED ACM.

EXPOSURE POTENTIAL

Rating: X Significant Potential O Potential O Low Potential

Accessibility: O General Population O Tenants O Operations X Routine Maintenance X Repair

Remarks: AREA ACCESSED FOR MAINT/REPAIR

Dust/Debris Present: X Significant O Moderate O Slight O None

Fiber Transport: X None O Air Plenum/Chase O Ductwork O Mechanical Shaft O Elevator/Dumbwaiter O Other

Description: NONE.

Photographs: X Yes X No No's: _____ AHERA Classification Number: 1

ASSESSMENT: 333/417 | RESPONSE: R43 | PRIORITY: P43 | PERIODIC SURVEILLANCE: SO | O&M: 1F /MN: /CP: 12

Inspector: KENNETH W. HOUSEMAN Certification No.: 93-11-12-23

Signature: Kenneth W. Houseman Date: MAY 13, 1994

EHC ENVIRONMENTAL HAZARDS CONSULTING INC.

ACM ASSESSMENT FORM

Project No. E8911/—/—/05B (clnt div fac proj) Client: PENN MANOR SCH. DISTRICT. Homog Area: 05

Building: PENN MANOR HIGH SCHOOL. No. 06 Assessment: A

Functional Space(s): BOILER ROOM. FTGS.

Material: PIPE FITTING INSULATION. Amount: ____ Sq.Ft. 150 ~~Linft.~~

Friability: X Friable O Non-Friable | Type: O Surfacing X Thermal Insulation O Misc. | Asbestos Content: ____

EXISTING DAMAGE

Rating: O Significantly Damaged O Damaged X No Damage

Physical Damage:	Water Damage:	Deterioration:	Damage Extent:
O Significant >10%	O Significant >10%	O Significant >10%	O Localized
O Damaged <10%	O Damaged <10%	O Deteriorated<10%	O Distributed
X No Damage	X No Damage	X No Deterioration	O Both

Remarks: NO DAMAGE.

DAMAGE POTENTIAL

Rating: O Significant Potential X Potential O Low Potential

Fiber Release Deterrent: O None O Sealed Enclosure X Barrier O Encapsulant

Description: WRAPPED & PAINTED.

Accessibility: X Within Normal Reach O Barely Reachable O Not Reachable

Functional Space Activity: BOILER ROOM.

Proximity To Items Requiring Maintenance/Repair: -0- Feet

Type Of Maintenance/Repair: PIPE REPAIR/MAINT.

Subject To Moisture Damage: X Yes O No Source: X Piping X Roof Leak O Sprinkler O Other

Description: NO LEAKS NOTED.

Ventilation: X Yes O No Mechanical O Natural O Intake O Exhaust Movement: O High O Moderate O Low X Variable

Description: NATURAL AIR MOVEMENT.

Potential For Air Erosion: O High O Moderate X Low

Vibration - Potential For Fiber Release: O High O Moderate X Low

Description: NO VIBRATION NOTED.

EXPOSURE POTENTIAL

Rating: O Significant Potential X Potential O Low Potential

Accessibility: O General Population O Tenants O Operations X Routine Maintenance X Repair

Remarks: AREA ACCESSED FOR MAINT/REPAIR.

Dust/Debris Present: O Significant O Moderate O Slight X None

Fiber Transport: X None O Air Plenum/Chase O Ductwork O Mechanical Shaft O Elevator/Dumbwaiter O Other

Description: NONE.

Photographs: O Yes X No No's: ____ AHERA Classification Number: 5

ASSESSMENT: 122/____ RESPONSE: RO PRIORITY: PO PERIODIC SURVEILLANCE: 81 O&M: 1F /MN: ____ /CP: ____

Inspector: KENNETH C.J. HOUSEMAN Certification No.: 93-11-12-23

Signature: Kenneth C.J. Houseman Date: MAY 13, 1994

EHC ENVIRONMENTAL HAZARDS CONSULTING INC.

ACM ASSESSMENT FORM

Project No. E8911/—/—/05B (clnt div fac proj) Client: PENN MANOR SCH. DISTRICT. Homog Area: 05

Building: PENN MANOR HIGH SCHOOL. No. 06 Assessment: B

Functional Space(s): ENTIRE BUILDING (ABOVE SUSPENDED CEILINGS).

Material: PIPE FITTING INSULATION. Amount: _____ Sq.Ft. ~~Lin.Ft.~~ 500 FITTINGS

Friability: X Friable O Non-Friable | Type: O Surfacing X Thermal Insulation O Misc. | Asbestos Content: _____

EXISTING DAMAGE

Rating: O Significantly Damaged O Damaged X No Damage

Physical Damage:
O Significant >10%
O Damaged <10%
X No Damage

Water Damage:
O Significant >10%
O Damaged <10%
X No Damage

Deterioration:
O Significant >10%
O Deteriorated<10%
X No Deterioration

Damage Extent:
O Localized
O Distributed
O Both

Remarks: NO DAMAGE.

DAMAGE POTENTIAL

Rating: O Significant Potential X Potential O Low Potential

Fiber Release Deterrent: O None O Sealed Enclosure X Barrier O Encapsulant
Description: ABOVE CEILING

Accessibility: O Within Normal Reach X Barely Reachable O Not Reachable
Functional Space Activity: SCHOOL BUILDING.

Proximity To Items Requiring Maintenance/Repair: -0- Feet
Type Of Maintenance/Repair: PIPE MAINT/REPAIR

Subject To Moisture Damage: X Yes O No Source: X Piping O Roof Leak O Sprinkler O Other
Description: NO LEAKS NOTED.

Ventilation: X Yes O No Mechanical O Intake X Natural O Exhaust
Movement: O High O Moderate O Low X Variable
Description: NATURAL AIR MOVEMENT.
Potential For Air Erosion: O High O Moderate X Low

Vibration - Potential For Fiber Release: O High O Moderate X Low
Description: NO VIBRATION NOTED.

EXPOSURE POTENTIAL

Rating: X Significant Potential O Potential O Low Potential

Accessibility: X General Population X Tenants X Operations X Routine Maintenance X Repair
Remarks: AREAS ACCESSIBLE TO ALL PERSONS.

Dust/Debris Present: O Significant O Moderate O Slight X None

Fiber Transport: X None O Air Plenum/Chase O Ductwork O Mechanical Shaft O Elevator/Dumbwaiter O Other
Description: NONE.

Photographs: O Yes X No No's: _____ | AHERA Classification Number: 5

ASSESSMENT: D3/____ | RESPONSE: RO | PRIORITY: PO. | PERIODIC SURVEILLANCE: SI | O&M: 1F /MN:____ /CP:____

Inspector: KENNETH C.J. HOUSEMAN Certification No.: 93-11-12-23

Signature: Kenneth C.J. Houseman Date: MAY 13, 1994

EHC ENVIRONMENTAL HAZARDS CONSULTING INC.

ACM ASSESSMENT FORM

Project No. E8911/—/—/05B (clnt div fac proj) Client: PENN MANOR SCH. DISTRICT. Homog Area: 06

Building: PENN MANOR HIGH SCHOOL. No. 06 Assessment: A

Functional Space(s): JUNIOR BOYS GYM MECHANICAL ROOMS.

Material: DUCT INSULATION MASTIC Amount: 400 Sq.Ft. _____ Lin.Ft.

Friability: X Friable O Non-Friable | Type: O Surfacing O Thermal Insulation X Misc. | Asbestos Content: _____

EXISTING DAMAGE

Rating: O Significantly Damaged X Damaged O No Damage

Physical Damage:	Water Damage:	Deterioration:	Damage Extent:
O Significant >10%	O Significant >10%	O Significant >10%	O Localized
X Damaged <10%	O Damaged <10%	X Deteriorated<10%	X Distributed
O No Damage	X No Damage	O No Deterioration	O Both

Remarks: DISTRIBUTED DAMAGE.

DAMAGE POTENTIAL

Rating: X Significant Potential O Potential O Low Potential

Fiber Release Deterrent: X None O Sealed Enclosure O Barrier O Encapsulant
Description: NONE.

Accessibility: X Within Normal Reach O Barely Reachable O Not Reachable
Functional Space Activity: MECHANICAL ROOM.

Proximity To Items Requiring Maintenance/Repair: -0- Feet
Type Of Maintenance/Repair: DUCT REPAIR/MAINT.

Subject To Moisture Damage: X Yes O No Source: X Piping X Roof Leak O Sprinkler O Other
Description: NO LEAKS NOTED.

Ventilation: X Yes O No X Mechanical O Natural O Intake X Exhaust Movement: X High O Moderate O Low O Variable
Description: AIR HANDLERS.

Potential For Air Erosion: X High O Moderate O Low

Vibration - Potential For Fiber Release: X High O Moderate O Low
Description: SIGNIFICANT VIBRATION AFFECTING DAMAGED ACM.

EXPOSURE POTENTIAL

Rating: X Significant Potential X Potential O Low Potential

Accessibility: O General Population O Tenants O Operations X Routine Maintenance X Repair
Remarks: AREA ACCESSIBLE TO MAINT/REPAIR

Dust/Debris Present: O Significant O Moderate O Slight X None

Fiber Transport: O None O Air Plenum/Chase X Ductwork O Mechanical Shaft O Elevator/Dumbwaiter O Other
Description: AIR HANDLERS

Photographs: O Yes X No No's: _____ AHERA Classification Number: 4

ASSESSMENT: 233/512 | RESPONSE: R52 | PRIORITY: P43 | PERIODIC SURVEILLANCE: SO | O&M: 3F /MN: ____ /CP: ____

Inspector: KENNETH W. HOUSEMAN Certification No.: 93-11-12-23

Signature: Kenneth W. Houseman Date: MAY 13, 1994

ASMTLOG 4B11

EHC ENVIRONMENTAL HAZARDS CONSULTING INC.

ACM ASSESSMENT FORM

Project No. E8711 - 1 - 105B (clnt div fac proj) Client: PENN MANOR SCH DIST. Homog Area: 07

Building: PENN MANOR HIGH SCHOOL No. 06 Assessment: A

Functional Space(s): CLASSROOMS, CAFETERIA, OFFICES

Material: 9"X9" FLOOR TILE Amount: 99,750 Sq.Ft. _____ Lin.Ft.

Friability: O Friable X Non-Friable | Type: O Surfacing O Thermal Insulation X Misc. | Asbestos Content: _____

EXISTING DAMAGE

Rating: O Significantly Damaged O Damaged X No Damage

Physical Damage:	Water Damage:	Deterioration:	Damage Extent:
O Significant >10%	O Significant >10%	O Significant >10%	O Localized
O Damaged <10%	O Damaged <10%	O Deteriorated<10%	O Distributed
X No Damage	X No Damage	X No Deterioration	O Both

Remarks: _____

DAMAGE POTENTIAL

Rating: O Significant Potential X Potential O Low Potential

Fiber Release Deterrent: O None O Sealed Enclosure O Barrier X Encapsulant
Description: WAX

Accessibility: X Within Normal Reach O Barely Reachable O Not Reachable
Functional Space Activity: INSTRUCTIONAL, ADMINISTRATIVE

Proximity To Items Requiring Maintenance/Repair: <1 Feet
Type Of Maintenance/Repair: _____

Subject To Moisture Damage: X Yes O No Source: X Piping X Roof Leak O Sprinkler O Other
Description: ROOF LEAKS / PIPE LEAKS

Ventilation: X Yes O No O Mechanical X Natural O Intake O Exhaust Movement: O High X Moderate O Low O Variable
Description: _____
Potential For Air Erosion: O High O Moderate X Low

Vibration - Potential For Fiber Release: O High O Moderate X Low
Description: _____

EXPOSURE POTENTIAL

Rating: O Significant Potential O Potential O Low Potential

Accessibility: X General Population O Tenants O Operations O Routine Maintenance O Repair
Remarks: _____

Dust/Debris Present: O Significant O Moderate O Slight X None

Fiber Transport: X None O Air Plenum/Chase O Ductwork O Mechanical Shaft O Elevator/Dumbwaiter O Other
Description: _____

Photographs: O Yes X No No's: _____ | AHERA Classification Number: 08

ASSESSMENT: 112 | RESPONSE: RO | PRIORITY: PO | PERIODIC SURVEILLANCE: 5I | O&M: 3N /MN: ___ /OP: ___

Inspector: Richard A. Ross Certification No.: 93-11-12-24

Signature: Richard A. Ross Date: 11/10/94

EHC ENVIRONMENTAL HAZARDS CONSULTING INC.

ACM ASSESSMENT FORM

Project No: E8711 / - / - / OSB (clnt div fac proj) Client: Pend Mandan Sch Dist — Homog Area: 07

Building: Pend Mandan High School — No. 06 — Assessment: B

Functional Space(s): Gymnasium Air Handling / Storage Room

Material: 9x9" Floor Tile — Amount: 250 Sq.Ft. _____ Lin.Ft.

Friability: X Friable O Non-Friable | Type: O Surfacing O Thermal Insulation X Misc. | Asbestos Content: _____

EXISTING DAMAGE

Rating: X Significantly Damaged O Damaged O No Damage

Physical Damage:	Water Damage:	Deterioration:	Damage Extent:
X Significant >10%	X Significant >10%	O Significant >10%	O Localized
O Damaged <10%	O Damaged <10%	O Deteriorated<10%	X Distributed
O No Damage	O No Damage	X No Deterioration	O Both

Remarks: _____

DAMAGE POTENTIAL

Rating: O Significant Potential O Potential O Low Potential

Fiber Release Deterrent: X None O Sealed Enclosure O Barrier O Encapsulant

Description: _____

Accessibility: X Within Normal Reach O Barely Reachable O Not Reachable

Functional Space Activity: Storage Room

Proximity To Items Requiring Maintenance/Repair: <10 Feet

Type Of Maintenance/Repair: Air Handling Equipment

Subject To Moisture Damage: X Yes O No Source: X Piping O Roof Leak O Sprinkler O Other

Description: Heat Equipment Pipe Leaks

Ventilation: X Yes O No — X Mechanical O Natural — X Intake O Exhaust — Movement: X High O Moderate O Low O Variable

Description: _____

Potential For Air Erosion: O High O Moderate X Low

Vibration - Potential For Fiber Release: O High O Moderate X Low

Description: _____

EXPOSURE POTENTIAL

Rating: O Significant Potential X Potential O Low Potential

Accessibility: O General Population O Tenants X Operations X Routine Maintenance O Repair

Remarks: _____

Dust/Debris Present: O Significant O Moderate X Slight O None

Fiber Transport: O None O Air Plenum/Chase X Ductwork O Mechanical Shaft O Elevator/Dumbwaiter O Other

Description: Air Handler Intake

Photographs: O Yes X No No's: _____ | AHERA Classification Number: _____

ASSESSMENT: 312/ _____ | RESPONSE: R22 | PRIORITY: P3 | PERIODIC SURVEILLANCE: 90 | O&M: 3F /MN: 1 /OP: _____

Inspector: Richard A. Ross — Certification No.: 93-11-12 824

Signature: [signature] — Date: 11/10/94

EHC ENVIRONMENTAL HAZARDS CONSULTING INC.

ACM ASSESSMENT FORM

Project No PBTHS - 1 - 105B (clnt div fac proj) Client: PENN MANOR SCH. DIST

Homog Area: 08

Building: PENN MANOR HIGH SCHOOL No. 06

Assessment: A

Functional Space(s): OFFICES, CLASSROOMS, STORAGE, GYMNASIUM

Material: TRANSITE BOARD Amount: 21/50 Sq.Ft. _____ Lin.Ft.

Friability: O Friable X Non-Friable | Type: O Surfacing O Thermal Insulation X Misc. | Asbestos Content: _____

EXISTING DAMAGE

Rating: O Significantly Damaged O Damaged X No Damage

Physical Damage:	Water Damage:	Deterioration:	Damage Extent:
O Significant >10%	O Significant >10%	O Significant >10%	O Localized
O Damaged <10%	O Damaged <10%	O Deteriorated<10%	O Distributed
X No Damage	X No Damage	X No Deterioration	O Both

Remarks: _____

DAMAGE POTENTIAL

Rating: O Significant Potential O Potential X Low Potential

Fiber Release Deterrent: O None O Sealed Enclosure O Barrier X Encapsulant
Description: PAINTED

Accessibility: X Within Normal Reach O Barely Reachable O Not Reachable
Functional Space Activity: ADMIN., INSTRUCTIONAL,

Proximity To Items Requiring Maintenance/Repair: <1 Feet
Type Of Maintenance/Repair: HEATER UNITS

Subject To Moisture Damage: X Yes O No Source: O Piping O Roof Leak O Sprinkler O Other
Description: CONDENSATION AT WINDOW WALLS

Ventilation: X Yes O No X Mechanical O Natural O Intake X Exhaust Movement: O High X Moderate O Low O Variable
Description: BEHIND HEATER UNITS
Potential For Air Erosion: O High O Moderate X Low

Vibration - Potential For Fiber Release: O High O Moderate O Low
Description: _____

EXPOSURE POTENTIAL

Rating: O Significant Potential X Potential O Low Potential

Accessibility: X General Population O Tenants X Operations O Routine Maintenance O Repair
Remarks: _____

Dust/Debris Present: O Significant O Moderate O Slight X None

Fiber Transport: O None X Air Plenum/Chase O Ductwork O Mechanical Shaft O Elevator/Dumbwaiter O Other
Description: FORCED HEATED AIR FROM HEATER UNIT.

Photographs: O Yes X No No's: _____ | AHERA Classification Number: 08

ASSESSMENT: 112/ | RESPONSE: 20 | PRIORITY: P0 | PERIODIC SURVEILLANCE: SL | O&M: 3A/ /MN: /OP:

Inspector: RICHARD A. ROSS Certification No.: 93-11-12-24

Signature: Richard A Ross Date: 11/10/94

EHC ENVIRONMENTAL HAZARDS CONSULTING INC.

ACM ASSESSMENT FORM

Project No: E8711 / - / - 105B (clnt div fac proj) Client: Pend Oreille Sch Dist. Homog Area: 08

Building: Pend Oreille High School No. ____ Assessment: B

Functional Space(s): Gymnasium CRR. Instructional Room

Material: Transite Board Wall (Window Wall) Amount: 250 Sq.Ft. ____ Lin.Ft.

Friability: O Friable X Non-Friable | Type: O Surfacing O Thermal Insulation X Misc. | Asbestos Content: ____

EXISTING DAMAGE

Rating: O Significantly Damaged O Damaged O No Damage

Physical Damage:	Water Damage:	Deterioration:	Damage Extent:
O Significant >10%	O Significant >10%	O Significant >10%	O Localized
X Damaged <10%	O Damaged <10%	X Deteriorated<10%	X Distributed
O No Damage	X No Damage	O No Deterioration	O Both

Remarks: ____

DAMAGE POTENTIAL

Rating: O Significant Potential O Potential X Low Potential

Fiber Release Deterrent: O None O Sealed Enclosure O Barrier X Encapsulant

Description: Painted

Accessibility: X Within Normal Reach O Barely Reachable O Not Reachable

Functional Space Activity: Instructional (CRR.)

Proximity To Items Requiring Maintenance/Repair: <1 Feet

Type Of Maintenance/Repair: Heater Units

Subject To Moisture Damage: O Yes X No Source: O Piping O Roof Leak O Sprinkler O Other

Description: ____

Ventilation: O Yes X No O Mechanical O Natural O Intake O Exhaust Movement: O High O Moderate O Low O Variable

Description: ____

Potential For Air Erosion: O High O Moderate X Low

Vibration - Potential For Fiber Release: O High X Moderate O Low

Description: ____

EXPOSURE POTENTIAL

Rating: O Significant Potential X Potential O Low Potential

Accessibility: X General Population O Tenants O Operations O Routine Maintenance O Repair

Remarks: Instructional Room

Dust/Debris Present: O Significant O Moderate O Slight X None

Fiber Transport: X None O Air Plenum/Chase O Ductwork O Mechanical Shaft O Elevator/Dumbwaiter O Other

Description: ____

Photographs: O Yes X No No's: ____ AHERA Classification Number: 08

ASSESSMENT: 2121 | RESPONSE: R11 | PRIORITY: 12 | PERIODIC SURVEILLANCE: 51 | O&M: 3E/MN: ____/OP: ____

Inspector: ____ Certification No.: ____

Signature: ____ Date: ____

RESPONSE ACTIONS RECOMMENDED

The recommended response actions contained on the following pages are proposed by the Management Planner as the least burdensome method in regard to short term costs sufficient to protect human health and the environment. The recommendations were based, in general on the guidelines included in Section 763.90 of 40 CFR Part 763 Subpart Eg. (AHERA Regulations).

These recommended response actions should be considered along with concerns for local circumstances, occupancy and use patterns within the building, renovation/addition/demolition plans for the building, and long-term costs. The School District should then select response actions which are at least equal to the recommended response actions in regard to their adequacy to protect human health and the environment.

Priorities for performance of the recommended response actions are defined as follows:

Immediate	-	the hazard is such in terms of both damage and exposure potential to warrant isolation of the area until abatement can be performed.
High	-	due to damage and a significant potential for exposure, abatement should be performed as soon as possible.
Medium	-	due to limited damage or a low frequency of use of these areas by a limited number of personnel, the hazard is such that abatement can take place as part of the normal maintenance and repair cycle of the facility. An operations and maintenance program, including periodic monitoring, should be maintained.
Low	-	these areas have minimal damage potential during normal activities. In many cases the ACBM is non-friable, relatively inaccessible, or otherwise protected so that fiber release is very unlikely. Periodic monitoring of these areas should continue to ensure that no change in the condition of the ACM takes place. An operations and maintenance program should be maintained.

008711 Penn Manor School District

BLDG. NO: 06 BUILDING NAME: Penn Manor High School

RECOMMENDED RESPONSE ACTIONS

Homo. Area No.	Asm't No.	Functional Space(s)	Material	Recommended Response Action	Priority of Response	Recommended Periodic Surveillance
01	A	Boiler Room	Boiler Insulation	R0 None	P0 None	S1 Semi-Annual

REASON FOR RECOMMENDATION:

122 Material is Friable, has No Damage, Potential for damage, and Potential for exposure.

02	A	Boiler Room	Breeching Insulation	R11 Repair damaged material	P2 Medium	S1 Semi-Annual

REASON FOR RECOMMENDATION:

222 Material is Friable, has Damage, Potential for damage, and Potential for exposure.

03	A	Boiler Room	Hot Water Storage Tank Insulation	R11 Repair damaged material	P2 Medium	S1 Semi-Annual

REASON FOR RECOMMENDATION:

222 Material is Friable, has Damage, Potential for damage, and Potential for exposure.

BLDG. NO: 06 BUILDING NAME: Penn Manor High School

RECOMMENDED RESPONSE ACTIONS [CONTINUED]

Homo. Area No.	Assm't. No.	Functional Space(s)	Material	Recommended Response Action	Priority of Response	Recommended Periodic Surveillance
04	A	Boiler Room	Domestic Cold Water Storage Tank Insulation	R43 Isolate area, post warning signs Removal	P43 Immediate High	S0 None

REASON FOR RECOMMENDATION:

333 Material is Friable, has Significant Damage, Significant Potential for damage, and Significant Potential for exposure. 600 Planned Renovation

05	A	Boiler Room	Pipe Fitting Insulation	R0 None	P0 None	S1 Semi-Annual

REASON FOR RECOMMENDATION:

122 Material is Friable, has No Damage, Potential for damage, and Potential for exposure.

05	B	Above Classroom Permanent Ceilings (Not Accessible)	Pipe Fitting Insulation	R0 None	P0 None	S1 Semi-Annual

REASON FOR RECOMMENDATION:

123 Material is Friable, has No Damage, Potential for damage, and Significant Potential for exposure.

BLDG. NO: 06 BUILDING NAME: Penn Manor High School

RECOMMENDED RESPONSE ACTIONS [CONTINUED]

Homo. Area No.	Assm't. No.	Functional Space(s)	Material	Recommended Response Action	Priority of Response	Recommended Periodic Surveillance
06	A	Junior Boy's Gym Mechanical Rooms	Duct Insulation Mastic	R52 Isolate the affected area, post warnings Removal	P43 Immediate High	S0 None
		REASON FOR RECOMMENDATION: 233 Material is Friable, has Damage, Significant Potential for damage, and Significant Potential for exposure. 512 Material Located in Air Plenum				
07	A	Classrooms, Cafeteria, & Offices	9"x9" Floor Tile	R0 None	P0 None	S1 Semi-Annual
		REASON FOR RECOMMENDATION: 112 Material is Non-Friable, has No Damage, Low Potential for damage, and Potential for exposure.				
07	B	Gymnasium Air Handing/Storage Room	9"x9" Floor Tile	R22 Removal	P3 High	S0 None
		REASON FOR RECOMMENDATION: 332 Material is Non-Friable, has Significant Damage, Significant Potential for damage, and Potential for exposure.				

BLDG. NO: 06 BUILDING NAME: Penn Manor High School

RECOMMENDED RESPONSE ACTIONS [CONTINUED]

Homo. Area No.	Assm't. No.	Functional Space(s)	Material	Recommended Response Action	Priority of Response	Recommended Periodic Surveillance
08	A	Offices, Classrooms, Storage, Gymnasium	Transite Board	RO None	PO None	S1 Semi-Annual

REASON FOR RECOMMENDATION:

112 Material is Non-Friable, has No Damage, Low Potential for damage, and Potential for exposure.

08	B	Gymnasium C.P.R. Instruction Room (Window Wall)	Transite Board	R11 Repair damaged material	P3 High	SO None

REASON FOR RECOMMENDATION:

223 Material is Non-Friable, has Damage, Potential for damage, and Significant Potential for exposure.

BLDG. NO: 79 BUILDING NAME: Penn Manor High School

SELECTED RESPONSE ACTIONS

Homo. Area No.	Asm't No.	Functional Space(s)	Material	Selected Response Action	Schedule for Response
01	A	Boiler Room	Boiler Insulation	R0 None	

REASON FOR RECOMMENDATION:

122 Material is Friable, has No Damage, Potential for damage, and Potential for exposure.

02	A	Boiler Room	Breeching Insulation	R11 Repair damaged material	August, 1994

REASON FOR RECOMMENDATION:

222 Material is Friable, has Damage, Potential for damage, and Potential for exposure.

03	A	Boiler Room	Hot Water Storage Tank Insulation	R11 Repair damaged material	August, 1994

REASON FOR RECOMMENDATION:

222 Material is Friable, has Damage, Potential for damage, and Potential for exposure.

04	A	Boiler Room	Domestic Cold Water Storage Tank Insulation	R43 Isolate area, post warning signs Removal	Pending Renov.

REASON FOR RECOMMENDATION:

333 Material is Friable, has Significant Damage, Significant Potential for damage, and Significant Potential for exposure. 600 Planned Renovation

008711

13

BLDG. NO: 79 BUILDING NAME: Penn Manor High School

SELECTED RESPONSE ACTIONS [CONTINUED]

Homo. Area No.	Assm't. No.	Functional Space(s)	Material	Selected Response Action	Schedule for Response
05	A	Boiler Room	Pipe Fitting Insulation	RO None	

REASON FOR RECOMMENDATION:

122 Material is Friable, has No Damage, Potential for damage, and Potential for exposure.

05	B	Above Classroom Permanent Ceilings (Not Accessible)	Pipe Fitting Insulation	RO None	

REASON FOR RECOMMENDATION:

123 Material is Friable, has No Damage, Potential for damage, and Significant Potential for exposure.

06	A	Junior Boy's Gym Mechanical Rooms	Duct Insulation Mastic	R52 Isolate the affected area, post warnings Removal	Pending Renov.

REASON FOR RECOMMENDATION:

233 Material is Friable, has Damage, Significant Potential for damage, and Significant Potential for exposure. 512 Material Located in Air Plenum

07	A	Classrooms, Cafeteria, & Offices	9"x9" Floor Tile	RO None	

REASON FOR RECOMMENDATION:

112 Material is Non-Friable, has No Damage, Low Potential for damage, and Potential for exposure.

BLDG. NO: 79 BUILDING NAME: Penn Manor High School

SELECTED RESPONSE ACTIONS

Homo. Area No.	Asm't No.	Functional Space(s)	Material	Selected Response Action	Schedule for Response
07	B	Gymnasium Air Handing/Storage Room	9"x9" Floor Tile	R22 Removal	Pending Renov.
		REASON FOR RECOMMENDATION: 332 Material is Non-Friable, has Significant Damage, Significant Potential for damage, and Potential for exposure.			
08	A	Offices, Classrooms, Storage, Gymnasium	Transite Board	RO None	
		REASON FOR RECOMMENDATION: 112 Material is Non-Friable, has No Damage, Low Potential for damage, and Potential for exposure.			
08	B	Gymnasium C.P.R. Instruction Room (Window Wall)	Transite Board	R22 Removal	Pending Renov.
		REASON FOR RECOMMENDATION: 223 Material is Non-Friable, has Damage, Potential for damage, and Significant Potential for exposure.			

008711

BLDG. NO: 06 BUILDING NAME: Penn Manor High School

LIST OF ASBESTOS-CONTAINING MATERIALS

ASBESTOS CONTENT: C - Chrysotile, A - Amosite, CR - Crocidolite, TR - Tremolite, AC - Actinolite
ASMD - Assumed, ND - None Detected

Homo. Area No.	Assm't. No.	Functional Space(s)	Material	Approx. Amount	Asbestos Content
01	A	Boiler Room	Boiler Insulation	900 S.F.	25%C * 25%A
02	A	Boiler Room	Breeching Insulation	1,400 S.F.	25%C *
03	A	Boiler Room	Hot Water Storage Tank Insulation	500 S.F.	25%C *
04	A	Boiler Room	Domestic Cold Water Storage Tank Insulation	600 S.F.	25%C *
05	A	Boiler Room	Pipe Fitting Insulation	150 Fittings	30%C *
05	B	Above Classroom Permanent Ceilings (Not Accessible)	Pipe Fitting Insulation	500 Fittings	30%C *
06	A	Junior Boy's Gym Mechanical Rooms	Duct Insulation Mastic	400 S.F.	10%C *
07	A	Classrooms, Cafeteria, & Offices	9"x9" Floor Tile	99,750 S.F.	5%C *

008711 Penn Manor School District

BLDG. NO: 06 BUILDING NAME: Penn Manor High School

LIST OF ASBESTOS-CONTAINING BUILDING MATERIALS [CONTINUED]

ASBESTOS CONTENT: C - Chrysotile, A - Amosite, CR - Crocidolite, TR - Tremolite, AC - Actinolite
ASMD - Assumed, ND - None Detected

Homo. Area No.	Assm't. No.	Functional Space(s)	Material	Approx. Amount	Asbestos Content
07	B	Gymnasium Air Handing/Storage Room	9"x9" Floor Tile	250 S.F.	5%C *
08	A	Offices, Classrooms, Storage, Gymnasium	Transite Board	21,150 S.F.	ASMD*
08	B	Gymnasium C.P.R. Instruction Room (Window Wall)	Transite Board	250 S.F.	ASMD*

*Sampled/Assumed by others.

BLDG. NO: 79 BUILDING NAME: Penn Manor High School

PERIODIC SURVEILLANCE SCHEDULE

Homo. Area No.	Assm't. No.	Functional Space(s)	Material	Surveillance Schedule	
01	A	Boiler Room	Boiler Insulation	S1	Semi-Annual
02	A	Boiler Room	Breeching Insulation	S1	Semi-Annual
03	A	Boiler Room	Hot Water Storage Tank Insulation	S1	Semi-Annual
04	A	Boiler Room	Domestic Cold Water Storage Tank Insulation	S0	None
05	A	Boiler Room	Pipe Fitting Insulation	S1	Semi-Annual
05	B	Above Classroom Permanent Ceilings (Not Accessible)	Pipe Fitting Insulation	S1	Semi-Annual
06	A	Junior Boy's Gym Mechanical Rooms	Duct Insulation Mastic	S0	None
07	A	Classrooms, Cafeteria, & Offices	9"x9" Floor Tile	S1	Semi-Annual
07	B	Gymnasium Air Handing/Storage Room	9"x9" Floor Tile	S0	None
08	A	Offices, Classrooms, Storage, Gymnasium	Transite Board	S1	Semi-Annual

BLDG. NO: 79 BUILDING NAME: Penn Manor High School

PERIODIC SURVEILLANCE SCHEDULE [CONTINUED]

Homo. Area No.	Assm't. No.	Functional Space(s)	Material	Surveillance Schedule	
08	B	Gymnasium C.P.R. Instruction Room (Window Wall)	Transite Board	SO	None

008711 Penn Manor School District

BLDG. NO: 06 BUILDING NAME: Penn Manor High School

OPERATIONS & MAINTENANCE PROCEDURES

Homo. Area No.	Assm't No.	Functional Space	Material	Applicable Operations & Maintenance Procedures						
				Code	Monitoring	Cleaning	Operational	Protection	Maintenance	Post-Activity
01	A	Boiler Room	Boiler Insulation	1F	-	H,I	-	A,B	N,P,Q,S,V	X,Y,Z
02	A	Boiler Room	Breeching Insulation	1F	-	H,I	-	A,B	N,P,Q,S,V	X,Y,Z
03	A	Boiler Room	Hot Water Storage Tank Insulation	1F	-	H,I	-	A,B	N,P,Q,S,V	X,Y,Z
04	A	Boiler Room	Domestic Cold Water Storage Tank Insulation	1F	-	H,I	-	A,B	N,P,Q,S,V	X,Y,Z
05	A	Boiler Room	Pipe Fitting Insulation	1F	-	H,I	-	A,B	N,P,Q,S,V	X,Y,Z
05	B	Above Classroom Permanent Ceilings (Not Accessible)	Pipe Fitting Insulation	1F	-	H,I	-	A,B	N,P,Q,S,V	X,Y,Z
06	A	Junior Boy's Gym Mechanical Rooms	Duct Insulation Mastic	3F	-	H,I	-	A,B	N,P,Q,R,V	X,Y,Z

008711 Penn Manor School District

BLDG. NO: 06 BUILDING NAME: Penn Manor High School

OPERATIONS & MAINTENANCE PROCEDURES (CONTINUED)

Homo. Area No.	Assm't No.	Functional Space	Material	Applicable Operations & Maintenance Procedures						
				Code	Monitoring	Cleaning	Operational	Protection	Maintenance	Post-Activity
07	A	Classrooms, Cafeteria, & Offices	9"x9" Floor Tile	3N	-	-	-	A,B	N,Q,R,V	X,Y,Z
07	B	Gymnasium Air Handing/Storage Room	9"x9" Floor Tile	3F	-	H,I	-	A,B	N,P,Q,R,V	X,Y,Z
08	A	Offices, Classrooms, Storage, Gymnasium	Transite Board	3N	-	-	-	A,B	N,Q,R,V	X,Y,Z
08	B	Gymnasium C.P.R. Instruction Room (Window Wall)	Transite Board	3F	-	H,I	-	A,B	N,P,Q,R,V	X,Y,Z

BLDG. NO: 06 BUILDING NAME: Penn Manor High School

RECOMMENDED RESPONSE ACTION / REMOVAL COST ESTIMATES

Homo. Area No.	Asm't No.	Functional Space(s)	Material	Recommended Response Acton	Priority of Response	Response Action Cost Estimate	Removal Cost Estimate
02	A	Boiler Room	Breeching Insulation	R11 Repair damaged material	P2 Medium	$400.00	$17,700.00
03	A	Boiler Room	Hot Water Storage Tank Insulation	R11 Repair damaged material	P2 Medium	$300.00	$6,500.00
04	A	Boiler Room	Domestic Cold Water Storage Tank Insulation	R43 Isolate area, post warning signs	P43 Immediate	$7,800.00	$7,800.00
				Removal	High		
06	A	Junior Boy's Gym Mechanical Rooms	Duct Insulation Mastic	R52 Isolate the affected area, post warnings	P43 Immediate	$6,400.00	$6,400.00
				Removal	High		
07	B	Gymnasium Air Handing/Storage Room	9"x9" Floor Tile	R22 Removal	P3 High	$2,000.00	$2,000.00

BLDG. NO: 06 BUILDING NAME: Penn Manor High School

RECOMMENDED RESPONSE ACTION / REMOVAL COST ESTIMATES (CONTINUED)

Homo. Area No.	Asm't No.	Functional Space(s)	Material	Recommended Response Action	Priority of Response	Response Action Cost Estimate	Removal Cost Estimate
08	B	Gymnasium C.P.R. Instruction Room (Window Wall)	Transite Board	R22 Removal	P3 High	$300.00	$2,000.00

TOTAL ESTIMATED RECOMMENDED RESPONSE ACTION COST FOR BUILDING: $17,200.00

TOTAL ESTIMATED REMOVAL COST FOR BUILDING: $42,400.00

BLDG. NO: 79 BUILDING NAME: Penn Manor High School

SELECTED RESPONSE ACTION COST ESTIMATES

Homo. Area No.	Asm't No.	Functional Space(s)	Material	Selected Response Action	Schedule for Response	Estimated Cost
02	A	Boiler Room	Breeching Insulation	R11 Repair damaged material	August, 1994	$400.00
03	A	Boiler Room	Hot Water Storage Tank Insulation	R11 Repair damaged material	August, 1994	$300.00
04	A	Boiler Room	Domestic Cold Water Storage Tank Insulation	R43 Isolate area, post warning signs Removal	Pending Renov.	$7,800.00
06	A	Junior Boy's Gym Mechanical Rooms	Duct Insulation Mastic	R52 Isolate the affected area, post warnings Removal	Pending Renov.	$6,400.00

BLDG. NO: 79 BUILDING NAME: Penn Manor High School

SELECTED RESPONSE ACTION COST ESTIMATES [CONTINUED]

Homo. Area No.	Assm't. No.	Functional Space(s)	Material	Selected Response Action	Schedule for Response	Estimated Cost
07	B	Gymnasium Air Handing/Storage Room	9"x9" Floor Tile	R22 Removal	Pending Renov.	$2,000.00
08	B	Gymnasium C.P.R. Instruction Room (Window Wall)	Transite Board	R22 Removal	Pending Renov.	$300.00

TOTAL ESTIMATED SELECTED RESPONSE ACTION COST ESTIMATE FOR BUILDING: $17,200.00