

**ASBESTOS-CONTAINING MATERIALS
REINSPECTION REPORT & MANAGEMENT PLAN UPDATE**

**MARTIC ELEMENTARY SCHOOL
E8711-05B**

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REINSPECTION SUMMARY

A reinspection for Asbestos-Containing Materials was performed at the Martic Elementary 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 27, 1994
Date

REINSPECTION SUMMARY

A reinspection for Asbestos-Containing Materials was performed at the Martic Elementary School, under jurisdiction of the Penn Manor School District, by Environmental Hazards Consulting, Inc., One Penn Square, Lancaster, Pennsylvania 17602, on November 21, 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: Don Farrell, II

Signature

Don Farrell II

Date

11-21-94



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
Kenneth W. Houseman Sr.

NOT APPROVED FOR WORK IN MARYLAND SCHOOLS



BIOSPHERICS® INCORPORATED
12051 Indian Creek Court
Belkville, Maryland 20705
(301) 418-3900

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

Kenn M. Maffey
Instructor

Rachel Riley
Course Director

THIS TRAINEE HAS SUCCESSFULLY PASSED OUR EXAMINATION.



ASBESTOS CERTIFICATION
DEPARTMENT OF LABOR & INDUSTRY

SEX	HEIGHT	EYES	BIRTHDATE
M	6 02	GRN	05/29/60
EXPIRATION DATE		ISSUE DATE	
12/08/94		01/11/94	
CERTIFICATION NUMBER		CLASSES	
002247		05	

DONALD L. FARRELL II
1005 FOUNTAIN AVE
LANCASTER PA 17601

Donald L. Farrell II
SIGNATURE

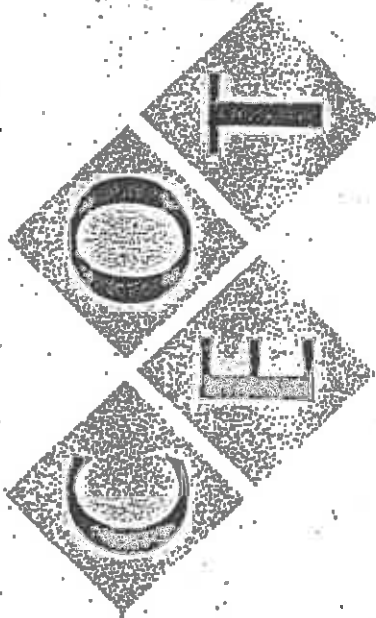
PENNSYLVANIA ASBESTOS OCCUPATIONS CERTIFICATION
PHOTO ID CARD

This certification has been issued in accordance with the Asbestos Occupations Accreditation and Certification Act, Act 194-1990. Fraudulently altering, exhibiting or loaning this certification is a serious crime. Violators are subject to prosecution, fine, and cancellation of their Asbestos Occupations Certification card.

CLASSES OF CERTIFICATION

- | | | |
|---------------|---------------------|-----------------------|
| 1. Worker | 3. Project Designer | 5. Management Planner |
| 2. Supervisor | 4. Inspector | 6. Contractor |
- Within 15 days of change of name and/or address, you are required to notify the Bureau in writing.

• If this certification is found, mail to:
Pennsylvania Department of Labor and Industry
Bureau of Occupational and Industrial Safety
P.O. Box 3465
Harrisburg, PA 17105-3465



**Center for Environmental and
Occupational Training, Inc.**

814 East Pittsburgh Plaza • East Pittsburgh, Pennsylvania 15112

This is to certify that

DONALD L. FARRELL, II

has successfully completed the following course
with a passing score of 70 percent or better.

ASBESTOS BUILDING INSPECTOR RECERTIFICATION



266-39-4686

Certification Number

DECEMBER 7, 1993

Course Dates

DECEMBER 7, 1993

Exam Date

DECEMBER 8, 1994

Expiration Date

John H. Lange
John H. Lange
Director of Training

D. S. Ginsburg
D. S. Ginsburg, D.M.D., M.H.A.
Course Administrator

008711 Penn Manor School District

BLDG. NO: 01 BUILDING NAME: Martic Elementary 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	Heat Pipe Insulation	Pipe Tunnels (1953)	2,000 L.F.	Thermal Systems Insulation	Friable	25% 25%	*Sampled by Others
02	9" x 9" Floor Tile	Cafeteria, Classrooms & Janitor's Closet (1953)	12,960 S.F.	Miscellaneous Material	Non-Friable	3%	*Sampled by Others
03	Transite Panels	Exterior Soffits	930 S.F.	Miscellaneous Material	Non-Friable	15%	*Sampled by Others
04	Pipe Fitting Insulation, Domestic Water Lines	Pipe Tunnels (1953)	100 Fittings	Thermal Systems Insulation	Friable	2%	*Sampled by Others

ASSESSMENT PROCEDURE/INSPECTOR

(Page 1 of 2)

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.

ASSESSMENT PROCEDURE/INSPECTOR

(Page 2 of 2)

6. ACBM with potential for significant damage.
7. Any remaining friable ACBM or friable suspected ACBM.
8. Non-friable ACBM

Inspector:

Name: Don Farrell, II

Don Farrell II

Signature

11-21-94

Date

008711 Penn Manor School District

BLDG. NO: 01 BUILDING NAME: Martic Elementary School

ASSESSMENT REPORT

HORO. Area No.	Asmt No.	Functional Space(s) and Material	Approx. Amount	Assessment Criteria:			AHRA Class.
				Existing Damage	Damage Potential	Exposure Potential	
01	A	Pipe Tunnels (1953) Heat Pipe Insulation	2,000 L.F.	2 Damage	3 Significant Potential	3 Significant Potential	01
02	A	Cafeteria, Class- rooms, Janitor's Closet (1953) 9"x9" Floor Tile	12,960 S.F.	1 No Damage	2 Potential	3 Significant Potential	08
03	A	Exterior Soffits Transite Panels	950 S.F.	1 No Damage	2 Potential	3 Significant Potential	08
04	A	Pipe Tunnels (1953) Pipe Fitting Insulation, Domestic Water Lines	100 Fittings	2 Damage	2 Potential	3 Significant Potential	01

Project No. E8711 / - / - / OSB Client: PENN MANOR SCH. DISTRICT. Homog Area: 01
 cmt div fac proj
 Building: MARTIN ELEMENTARY. No. 01 Assessment: A

Functional Space(s): PIPE TUNNELS (1953)
 Material: PIPE + FITTING INSULATION. Amount: _____ Sq.Ft. 2000 Lin.Ft.

Friability: Friable Non-Friable Type: Surfacing Thermal Insulation Misc. Asbestos Content: 25% to 25%

EXISTING DAMAGE

Rating: Significantly Damaged Damaged No Damage

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

Remarks: DAMAGE EXISTS THROUGHOUT TUNNELS.

DAMAGE POTENTIAL

Rating: Significant Potential Potential Low Potential

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

Accessibility: Within Normal Reach Barely Reachable Not Reachable
 Functional Space Activity: PIPE TUNNEL.

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

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

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

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

EXPOSURE POTENTIAL

Rating: Significant Potential Potential Low Potential

Accessibility: General Population Tenants Operations Routine Maintenance Repair
 Remarks: AREA ACCESSED FOR REPAIR ONLY.

Dust/Debris Present: Significant Moderate Slight None

Fiber Transport: None Air Plenum/Chase Ductwork Mechanical Shaft Elevator/Dumbwaiter Other
 Description: TUNNELS ACT AS AN AIR PLENUM.

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

ASSESSMENT: 233/417 RESPONSE: 743 PRIORITY: 743 PERIODIC SURVEILLANCE: 50 O&M: IFA/MN /CP: 12

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

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

Project No. ES111/ - / - / 05B Client: PEWEN MANOR SCH. DISTRICT. Homog Area: 02
 clnt div fac proj
 Building: MARTIN ELEMENTARY. No. 01 Assessment: A

Functional Space(s): CAFETERIA, CLASSROOMS + JANITORS (CLOSET) (1953).
 Material: 9"X9" FLOOR TILE. Amount: 12,960 Sq. Ft. _____ Lin. Ft.

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

EXISTING DAMAGE

Rating: Significantly Damaged Damaged No Damage

Physical Damage:	Water Damage:	Deterioration:	Damage Extent:
<input type="checkbox"/> Significant >10%	<input type="checkbox"/> Significant >10%	<input type="checkbox"/> Significant >10%	<input type="checkbox"/> Localized
<input type="checkbox"/> Damaged <10%	<input type="checkbox"/> Damaged <10%	<input type="checkbox"/> Deteriorated <10%	<input type="checkbox"/> Distributed
<input checked="" type="checkbox"/> No Damage	<input checked="" type="checkbox"/> No Damage	<input checked="" type="checkbox"/> No Deterioration	<input type="checkbox"/> Both

Remarks: NO DAMAGE

DAMAGE POTENTIAL

Rating: Significant Potential Potential Low Potential

Fiber Release Deterrent: None Sealed Enclosure Barrier Encapsulant
 Description: WAXED.

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

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

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

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

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

EXPOSURE POTENTIAL

Rating: Significant Potential Potential Low Potential

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

Dust/Debris Present: Significant Moderate Slight None

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

Photographs: Yes No No's: _____ AHERA Classification Number: 8

ASSESSMENT: B3 RESPONSE: PO PRIORITY: PO PERIODIC SURVEILLANCE: S1 O&M: 3MT/MN /CP: _____

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

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

Project No. ES111 / - / - / 05B Client: PENN MANOR SCH. DISTRICT. Homog Area: 03
clnt div fac proj
Building: MAGIC ELEMENTARY. No. 01 Assessment: A

Functional Space(s): EXTERIOR SOFFITS.
Material: TRANSITE PANELS. Amount: 930 Sq.Ft. _____ Lin.Ft.

Friability: Friable Non-Friable Type: Surfacing Thermal Insulation Misc. Asbestos Content: 150% C

EXISTING DAMAGE

Rating: Significantly Damaged Damaged No Damage

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

Remarks: NO DAMAGE.

DAMAGE POTENTIAL

Rating: Significant Potential Potential Low Potential

Fiber Release Deterrent: None Sealed Enclosure Barrier Encapsulant
Description: PAINTED.

Accessibility: Within Normal Reach Barely Reachable Not Reachable
Functional Space Activity: ABOVE BUILDING ENTRIES

Proximity To Items Requiring Maintenance/Repair: 0 Feet
Type Of Maintenance/Repair: ROOF MAINT/REPAIRS.

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

Ventilation: Yes No Mechanical Intake Exhaust Movement: High Moderate Low Variable
Description: WIND.
Potential For Air Erosion: High Moderate Low

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

EXPOSURE POTENTIAL

Rating: Significant Potential Potential Low Potential

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

Dust/Debris Present: Significant Moderate Slight None

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

Photographs: Yes No No's: _____ AHERA Classification Number: 8

ASSESSMENT: 123 / RESPONSE: PO PRIORITY: PO PERIODIC SURVEILLANCE: S1 CM: 3N /MN: _____ /CP: _____

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

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

Object No. E87111-1-105B Client: Pean Manor School District Homog Area: 04
Building: Martic Elementary No. 01 Assessment: A

Functional Space(s): Pipe Tunnels (1953)
Material: Pipe fitting insulation on domestic water lines amount: _____ Sq.Ft. 100 Lin.Ft. Each

Friability: Friable Non-Friable Type: Surfacing Thermal Insulation Misc. Asbestos Content: 2% C

EXISTING DAMAGE Rating: Significantly Damaged Damaged No Damage

Physical Damage: Significant >10% Damaged <10% No Damage
Water Damage: Significant >10% Damaged <10% No Damage
Deterioration: Significant >10% Deteriorated <10% No Deterioration
Damage Extent: Localized Distributed Both
Remarks: minor damage throughout tunnels of original (1953) bldg.

DAMAGE POTENTIAL Rating: Significant Potential Potential Low Potential

Fiber Release Deterrent: None Sealed Enclosure Barrier Encapsulant
Description: _____

Accessibility: Within Normal Reach Barely Reachable Not Reachable
Functional Space Activity: (for occupants of tunnel)

Proximity To Items Requiring Maintenance/Repair: 0 Feet
Type Of Maintenance/Repair: pipes

Subject To Moisture Damage: Yes No Source: Piping Roof Leak Sprinkler Other
Description: no leaks seen

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

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

EXPOSURE POTENTIAL Rating: Significant Potential Potential Low Potential

Accessibility: General Population Tenants Operations Routine Maintenance Repair
Remarks: repair only

Dust/Debris Present: Significant Moderate Slight None

Fiber Transport: None Air Plenum/Chase Ductwork Mechanical Shaft Elevator/Dumbwaiter Other
Description: space contiguous with water closets between bathrooms

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

ASSESSMENT: 222 RESPONSE: R22 PRIORITY: P2 PERIODIC SURVEILLANCE: 50 O&M: IFA/MN /OP: _____

Inspector: Don Farrell # Certification No.: PA 002247
Signature: Don Farrell # Date: 11-21-94

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 E.g. (ASHERA 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

BLDG. NO: 01 BUILDING NAME: Martic Elementary School

RECOMMENDED RESPONSE ACTIONS

Item No.	Area No.	Functional Space(s)	Material	Recommended Response Action.	Priority of Response	Recommended Periodic Surveillance
01	A	Pipe Tunnels (1953)	Heat Pipe Insulation	R43 Isolate area, post warning signs Removal	P42 Immediate Medium	S0 None

REASON FOR RECOMMENDATION:

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

02	A	Cafeteria, Classroom, Janitor's Closet (1953)	9"x9" Floor Tile	R0 None	P0 None	S1 Semi-Annual
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REASON FOR RECOMMENDATION:

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

03	A	Exterior Soffits	Transite Panels	R0 None	P0 None	S1 Semi-Annual
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REASON FOR RECOMMENDATION:

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

BLDG. NO: 01 BUILDING NAME: Martic Elementary School

RECOMMENDED RESPONSE ACTIONS [CONTINUED]

Room Area No.	Assmt. No.	Functional Space(s)	Material	Recommended Response Action	Priority of Response	Recommended Periodic Surveillance
04	A	Pipe Tunnels (1953)	Pipe Fitting Insulation, Domestic Water Lines	R22 Removal	P2 Medium	S0 None

REASON FOR RECOMMENDATION:

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

BLDG. NO: 79 BUILDING NAME: Martic Elementary School

SELECTED RESPONSE ACTIONS

Homo. Area No.	Asm't No.	Functional Space(s)	Material	Selected Response Action	Schedule for Response
01	A	Pipe Tunnels (1953)	Heat Pipe Insulation	R43 Isolate area, post warning signs Removal	Pending Renov.

REASON FOR RECOMMENDATION:

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

02	A	Cafeteria, Class- rooms, Janitor's Closet (1953)	9"x9" Floor Tile	R0 None	
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REASON FOR RECOMMENDATION:

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

03	A	Exterior Soffits	Transite Panels	R0 None	
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REASON FOR RECOMMENDATION:

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

04	A	Pipe Tunnels (1953)	Pipe Fitting Insulation, Domestic Water Lines	R22 Removal	Pending Renov.
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REASON FOR RECOMMENDATION:

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

BLDG. NO: 01 BUILDING NAME: Martic Elementary 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	Pipe Tunnels (1953)	Heat Pipe Insulation	2,000 L.F.	25% C * 25% A
02	A	Cafeteria, Class- rooms, Janitor's Closet (1953)	9"x9" Floor Tile	12,960 S.F.	3% C *
03	A	Exterior Soffits	Transite Panels	930 S.F.	15% C *
04	A	Pipe Tunnels (1953)	Pipe Fitting Insulation, Domestic Water Lines	100 Fittings	2% C *

*Sampled by others.

BLDG. NO: 79 BUILDING NAME: Martic Elementary School

PERIODIC SURVEILLANCE SCHEDULE

Homo. Area No.	Assm't. No.	Functional Space(s)	Material	Surveillance Schedule	
01	A	Pipe Tunnels (1953)	Heat Pipe Insulation	S0	None
02	A	Cafeteria, Class- rooms, Janitor's Closet (1953)	9"x9" Floor Tile	S1	Semi-Annual
03	A	Exterior Soffits	Transite Panels	S1	Semi-Annual
04	A	Pipe Tunnels (1953)	Pipe Fitting Insulation, Domestic Water Lines	S0	None

BLDG. NO: 01 BUILDING NAME: Martic Elementary 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	Pipe Tunnels (1953)	Heat Pipe Insulation	1F	-	H,I	-	A,B	M,P,Q,S,V	X,Y,Z
02	A	Cafeteria, Class-rooms, Janitor's Closet (1953)	9"x9" Floor Tile	3NT	-	-	-	A,B	M,Q,R,T,V	X,Y,Z
03	A	Exterior Soffits	Transite Panels	3N	-	-	-	A,B	M,Q,R,V	X,Y,Z
04	A	Pipe Tunnels (1953)	Pipe Fitting Insulation, Domestic Water Lines	1FA	-	H,I	-	A,B	M,P,Q,S,U,V	X,Y,Z

BLDG. NO: 01 BUILDING NAME: Martic Elementary School

RECOMMENDED RESPONSE ACTION / REMOVAL COST ESTIMATES

Homo. Area No.	Asm't No.	Functional Space(s)	Material	Recommended Response Action	Priority of Response	Response Action Cost Estimate	Removal Cost Estimate
01	A	Pipe Tunnels (1953)	Heat Pipe Insulation	R43 Isolate area, post warning signs Removal	P42 Immediate Medium	\$65,000.00	\$65,000.00
04	A	Pipe Tunnels (1953)	Pipe Fitting Insulation, Domestic Water Lines	R22 Removal	P2 Medium	\$3,000.00	\$3,000.00
TOTAL ESTIMATED RECOMMENDED RESPONSE ACTION COST FOR BUILDING:						\$68,000.00	\$68,000.00
TOTAL ESTIMATED REMOVAL COST FOR BUILDING:							\$68,000.00

008711 Penn Manor School District

13

BLDG. NO: 79 BUILDING NAME: Martic Elementary School

SELECTED RESPONSE ACTION COST ESTIMATES

Homo. Area No.	Asm't No.	Functional Space(s)	Material	Selected Response Action	Schedule for Response	Estimated Cost
01	A	Pipe Tunnels (1953)	Heat Pipe Insulation	R43 Isolate area, post warning signs	Pending Renov.	\$65,000.00
				Removal		
04	A	Pipe Tunnels (1953)	Pipe Fitting Insulation, Domestic Water Lines	R22 Removal	Pending Renov.	\$3,000.00
TOTAL ESTIMATED SELECTED RESPONSE ACTION COST ESTIMATE FOR BUILDING:						\$68,000.00