



Addendum # 1

NJSDA
1 West State Street
Trenton, NJ 08625
Phone: 609-943-5955
Fax: 609-656-4608

DATE: August 8, 2013

PROJECT #: HU-0026-A01

DESCRIPTION: West New York - Harry L Bain PS #6

This addendum shall be considered part of the Bid Documents issued in connection with the referenced project. Should information conflict with the Bid Documents, this Addendum shall supercede the relevant information in the Bid Documents.

A. CHANGES TO THE PROCUREMENT PROCESS:

Modifications to Request for Proposals:

- 1. MODIFY:** Request for Proposals dated July 22, 2013 at page 2 of 11, first full paragraph of Page 2 shall be modified as follows (additions in **bold and underlined** text; deletions in ~~*strikethrough and italics*~~):

This task order assignment requires consultant services in the following disciplines:

- HVAC Engineering
- Electrical Engineering
- Plumbing Engineering
- Structural Engineering
- Asbestos Design
- Asbestos Safety Control Monitoring
- ~~Masonry Testing~~
- ~~Structural Steel Testing~~

- 2. DELETE:** Request for Proposals dated July 22, 2013 at page 2 of 11, third full paragraph of Page 2 shall be deleted in its entirety, as follows (deletions in ~~*strikethrough and italics*~~):

~~The Design Consultant must, as part of the Key Team Members, identify a Masonry and Structural Testing firm to be utilized for this Task Order. This firm shall have destructive analytical investigative experience with Masonry and Structural renovation projects. As part of the proposal this firm must present a maximum of six (6) but no less than three (3) case studies to detail this experience.~~

3. **DELETE:** Request for Proposals dated July 22, 2013 at Section 1.4 (Components of Response) page 4 of 11, item number 2 in numbered list shall be deleted in its entirety as follows (deletions in *strikethrough and italics*):

~~2. Summary and at maximum of six (6) but no less than three (3) Case Studies of a Masonry and Structural Testing firm to be utilized for this Task Order. This firm shall have destructive analytical investigative experience with Masonry and Structural renovation projects.~~

4. **MODIFY:** Request for Proposals dated July 22, 2013 at Section 2.1 (Team Design Consultant Experience) page 7 of 11, first paragraph, items (b) and (c) in list shall be modified as follows (additions in **bold and underlined** text; deletions in *strikethrough and italics*):

Team Design Consultant experience shall be evaluated based on the following submissions:

- (a) a brief summary of the Team's general relevant design consultant experience within the last 5 years;
- (b) at least ~~two (2)~~ **three (3)**, but not more than ~~five (5)~~ **six (6)**, specific case studies, **with a focus on demonstrating the Team's specific experience with Masonry and Structural Steel condition investigation, analysis, and design of repairs/renovation of same;**
- (c) ~~at least three (3), but not more than six (6), specific case studies for the Masonry and Structural Testing firm;~~
- (d) the responding firm's Key Team Member List; and
- (e) Key Team Member Resumes.

5. **MODIFY:** Request for Proposals dated July 22, 2013 at Section 2.1 (Team Design Consultant Experience), Subsection B (Team Experience Case Studies) page 7 of 11 shall be modified as follows (additions in **bold and underlined** text; deletions in *strikethrough and italics*):

Team Experience Case Studies. Utilizing the Case Study Form provided by the Authority, the responding firm shall identify particular projects as examples (within the past 5 years) of the proposed team's past provision of similar services for projects similar to the project scope described in Appendix A, **with a focus on demonstrating the Team's specific experience with Masonry and Structural Steel condition investigation, analysis, and design of repairs/renovation of same.** The case studies must concisely set forth the relevant information called for on the Case Study Form. Case studies may be based on contracts with public or private sector clients. The case

study narratives should describe the experience of the responding firm, and/or the experience of the subconsultant members of the Team, preferably in combination with the responding firm. The narratives should describe how the firm worked with the client to identify, develop, and evaluate alternatives for addressing facility conditions from potential to the most appropriate solution and may describe situations in which the responding Firm or its Key Team Members performed pre-design investigations of conditions of a type and nature identified in Appendix A. Additionally, the narratives should indicate the Team's approach to relations with relevant governing and permitting agencies (DCA, DOE, DEP). The Case Study Form must identify the name and address of the contracting entity for the case study project, and the name, title and telephone number of a contact person associated with the contracting entity who is familiar with and able to comment on the team's performance on each project. The narrative for each case study should be no more than 1,000 words.

B. PROPOSER'S QUESTIONS AND NJSDA RESPONSES:

1. **Question:** Please try to clear up some confusion generated by the RFP and compounded during the discussion, which took place yesterday at the Site Walk-thru, regarding Masonry Testing as a Consultant Service required by the RFP. After checking the SDA Website for this service, we find that there is no "A/E Consulting" qualification for Masonry. However under "Testing" there is a list of 11 entities classified as Masonry-P069. Most, if not all are testing laboratories not Masonry Consultants who perform investigations. The RFP states "this firm shall have destructive, analytical investigative experience with Masonry and Structural renovation projects"
- a) Hence the confusion, because we understood the comments by the SDA to state that "the intention of this requirement was for the A/E Teams to engage in the services of a masonry expert like the NYC Brickwork Design Center to engage in the investigation, unless the A/E was classified themselves in that category." To be clear there is no classification for Masonry Consultants. Secondly, the NYC Brickwork Design Center is not a testing lab and is not on the P-069 list.
 - b) Please confirm that a masonry contractor who is engaged to actually take probes (cut out brick and patch the hole) is not required to be classified in any way.

Answer: The RFP has been revised to eliminate the reference to "Masonry Testing" and "Structural Steel Testing" as required consultant services, and the requirement to engage a Masonry and Structural Testing firm as part of the Key Team Members has been eliminated. See Items A.1, and A.2, above.

The scope of work for this project requires that the Design Consultant perform analysis of existing conditions of the masonry and structural steel, which may be performed by an entity with an Architecture (P001) or Structural Engineering (P007) prequalification. Language has been added to the evaluation section to encourage the responding firms to provide comparable case studies emphasizing their prior experience with diagnosing and repairing masonry and structural steel conditions. See Items A.4 and A.5 above.

While the Design Consultant's analysis of existing conditions of the masonry and structural steel may require destructive testing, such destructive testing may be performed by a contractor engaged by the Design Consultant, and need not be performed by a Materials Testing firm or other entity with a particular consultant prequalification code.

2. Question: Are we limited to only 2 case studies or may we supply additional examples?

Answer: Under the RFP as modified by this Addendum, the Design Consultant proposers are limited to a MAXIMUM of SIX case studies, but MUST supply at least THREE case studies.

3. Question: Can you please tell me if any asbestos abatement activities have been conducted at this school since the 2004 report by STV/USA Environmental? No specific information is provided in the Facilities Condition Report dated 2011 (the same 2004 report is included in both with no new information).

Also, It was mentioned during the site visit and in Section 2.3 of Appendix A that the asbestos abatement will be included in this Pre-Design Phase. Can you please confirm that? If so, how are we to come up with a fee prior to actually knowing how much of the building materials is confirmed asbestos? Also, how are we to come up with a fee for removal of the other items listed in Section 2.3 without knowing their quantities?

We understand that it is part of the scope of work to properly identify and inventory all hazardous materials for the interior and exterior of the school building. Please confirm.

Also, we have read all documents pertaining to your bid opportunity including all the sections and do not see the answers to our questions above. I hope we are not directed to any of the sections for clarification as they do not provide clear answers.

Answer: NJSDA has no actual knowledge of "asbestos abatement activities" being conducted on site since 2004 report. The NJSDA can represent that there was work performed on the site by the School District in maintaining and improving the site, and abatement activities may have been implicated by that work. The proposers are to review the reports provided as information on the known existence of hazardous material. These reports are provided for information and not to be relied upon for design purposes. The designer is responsible for all proper identification of materials to be impacted. The scope of services described by this RFP includes pre-design work for improvements which may impact hazardous material. As part of the work on this project it is the designer's responsibility to identify any hazardous material that may be impacted by proposed work. The design approach presented by the designer shall consider the nature and extent of any impact upon any possible hazardous material occasioned by the proposed repair and renovation work. The RFP includes an

allowance for the identification of materials to be impacted by the work and for quantification of such material impacted.

4. **Question:** Can you please clarify the requirement for masonry testing and structural steel testing subconsultants. Should be adding new subconsultant firms to our team for these disciplines?

Answer: See response to Question # 1.

5. **Question:** Regarding the two (2) testing services required (structural steel; and masonry), can you please clarify if the cost of the Masonry Testing is also supposed to be covered by the \$250,000 "Structural Testing Services Allowance," or is the Masonry Testing cost supposed to be covered by the \$150,000 "Testing and Inspection Services Allowance."

Answer: This project provides for the following Allowance Amounts:

1. Testing and Inspection Services \$150,000

Testing and Inspection Services are described in Section 2.27 of the Agreement and shall include infrared scans, masonry probes, and hazardous materials testing as necessary for completion of Predesign Services.

2. Structural Testing Services \$250,000

Testing and Inspection Services are described in Section 2.27 of the Agreement and shall include the testing of structural elements of the building including but not limited to steel, masonry, concrete or other structural materials necessary to provide information for the design worked required for the project.

As defined above, the \$150,000 Testing and Inspection Allowance is for identification of hazardous material which may require the removal of masonry, but the \$250,000 Structural Testing Services Allowance is for all masonry and structural testing.

6. **Question**
1. **It is our understanding that CAD drawings are not available; please confirm.**
 2. **If CAD drawings are not available, are the drawings used in the assessment reports available?**
 3. **Is the existing chimney currently in the process of being removed?**

Answer

1. There are no CADD Drawings available.
2. The drawings in the assessment report are not available.
3. The top 4' of the chimney is be reconstructed by the District. The remainder of the chimney exterior is part of the project.

7. **Question** Instructions on page 2 and page 3 of the RFP say to include a maximum of 6 but no less than 3 case studies, all from a masonry/structural testing firm. However, the instructions on page 7 also call for at least 2 but no more than 5 other case studies, presumably from the prime consultant. Can you please clarify how many case studies you would like included?

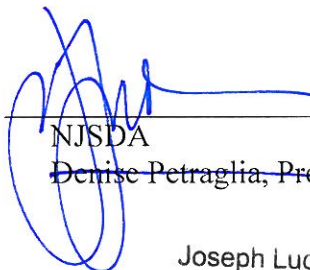
Answer Under the RFP as modified by this Addendum, the Design Consultant proposers are limited to a MAXIMUM of SIX case studies, but MUST supply at least THREE case studies. There is no longer a requirement to engage a Masonry and Structural Testing subconsultant, and so there is no longer a requirement to submit case studies relating to such subconsultant. However, the Design Consultant is encouraged to provide case studies that highlight the Design Consultant's prior experience in with Masonry and Structural Steel condition investigation, analysis, and design of repairs/renovation of same.

8. **Question** Are the AHERA reports or environmental reports mentioned in the Building Evaluation Reports and Facility Conditions Reports going to be made available?

Answer Attached to this Addendum is the latest AHERA report. The proposer is not to rely on the results

C. ATTACHMENTS:

1. West New York School District 6 Month Surveillance Report Dated 2/28/12 AHERA Report


NJSDA
~~Denise Petraglia, Program Officer.~~
Joseph Lucarelli
Deputy Program Director

08/08/13
Date

----- End of Addendum No. 1 -----



Addendum # 1

NJSDA

1 West State Street

Trenton, NJ 08625

Phone: 609-943-5955

Fax: 609-656-4608

DATE: August 8, 2013

PROJECT #: HU-0026-A01

DESCRIPTION: West New York - Harry L Bain PS #6

Acknowledgement of Receipt of Addendum

Consultant must acknowledge the receipt of the Addendum by signing in the space provided below and returning via E-Mail to Jmcelhenny@njsda.gov or fax to (609-656-4608). Signed acknowledgement must be received prior to the Proposal Due Date. Acknowledgement of the Addendum must be made in the Technical Proposal Submission.

Signature

Print Name

Company Name

Date



6-Month Surveillance

PREPARED FOR:

West New York Board of Education

6028 Broadway

West New York, NJ 07093

BUILDINGS INSPECTED:

Harry Bains School #6

INSPECTION DATE:

February 28, 2012

II. CURRENT MANAGEMENT PLAN UPDATE REPORT

(August 22, 1997 - February 20, 1998)

March 20, 1998

Environmental Remediation & Management, Inc. (ER&M) performed a periodic surveillance inspection of the Harry Bains School for the West New York Board of Education on February 20, 1998. The purpose of the surveillance inspection was to ensure compliance with the requirements of the Asbestos Hazard Emergency Response Act (AHERA) 40 CFR Part 763.93. ER&M conducted a review of asbestos abatement documents and conducted a thorough reassessment of previously identified asbestos-containing materials and materials assumed to contain asbestos.

The most recent six (6) month periodic surveillance inspection addendum is located behind the previous periodic surveillance report and in front of Form G in the management plan. The information in the addendum supersedes all previous inspection information in the management plan. In some circumstances, the amount of material present has been adjusted due to exact measurements taken during the surveillance inspection.

At the request of the client, additional sampling may be performed during the periodic surveillance inspection. The asbestos found in some non-friable materials is finely milled. In some cases, when asbestos is not detected during Polarized Light Microscopy (PLM) analysis, ER&M recommends subsequent Transmission Electron Microscopy (TEM) analysis to provide more definitive results.

Please note, the reassessments presented in this plan are representative of the conditions and circumstances observed in the facility on the dates of our surveillance inspection. We cannot assume responsibility for any change in conditions or circumstances subsequent to our inspection.

Inspectors:

Cathy DiNardo

Name

707

Inspector #

Management
Planner:

Cathy DiNardo

Name

Cathy DiNardo

Signature



AHERA/EPA Accredited
Per 40 CFR Part 763

REG # 003270

Certificate of Completion

This is to certify that Cathy DiNardo S/S #149-70-4042

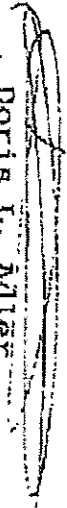
has successfully completed the course entitled 1/2-Day EPA/AHERA Asbestos

Building Inspector Refresher

on June 13, 19 97

Examination passed on N/A 19

Expiration date: June 13, 1998


Doris L. Adler
President

June 13, 1997
Date

3321 Doris Avenue, Building B, Ocean, NJ 07712 (908) 531-5571

REG # 003273

NAETINational Asbestos
& Environmental
Training InstituteAHERA/EPA Accredited
Per 40 CFR Part 763

Certificate of Completion

This is to certify that Cathy DiNardo S/S #149-70-4042

has successfully completed the course entitled 1/2-Day EPA/AHERA Asbestos

Management Planner Refresher

on June 13, 19 97

Examination passed on N/A 19

Expiration date: June 13, 1998

Doris L. Adler
President

June 13, 1997
Date

3321 Doris Avenue, Building B, Ocean, NJ 07712 (908) 531-5571



National Asbestos
& Environmental
Training Institute

AHERA/EPA Accredited
Per 40 CFR Part 763

REG # 003272

Certificate of Completion

This is to certify that

Gary R. Leverage

S/S #150-40-8334

has successfully completed the course entitled

1/2-Day EPA/AHERA Asbestos

Management Planner Refresher

on

June 13,

19 97

Examination passed on

N/A

19

Expiration date: June 13, 1998

Doris L. Adler

President

June 13, 1997

Date

3321 Doris Avenue, Building B, Ocean, NJ 07712 (908) 531-5571



AHERA/EPA Accredited
Per 40 CFR Part 763

REG # 003271

Certificate of Completion

This is to certify that Gary R. Leverage S/S #150-40-8334

has successfully completed the course entitled 1/2-Day EPA/AHERA Asbestos

Building Inspector Refresher

on June 13, 19 97

Examination passed on N/A 19

Expiration date: June 13, 1998 Doris L. Adler June 13, 1997
President Date

3321 Doris Avenue, Building B, Ocean, NJ 07712 (908) 531-5571

PERIODIC SURVEILLANCE

ERM # 1023-104

RESPONSIBLE GOVERNING AUTHORITY: West New York Board of Ed.		FACILITY/BUILDING: Harry Bains School		DATE OF CONSTRUCTION	
HOMGENEOUS ID. NO.: DZA		MATERIAL DESCRIPTION: Mastic assoc/w 12x12 tan tread floor tile		FOOTAGE: 450 sf	
ROOM/FUNCTIONAL SPACE: Woodshop					
HAS PREVIOUS RESPONSE ACTION BEEN COMPLETED?: YES IS MATERIAL DAMAGED?: NO IS MATERIAL FRIABLE?: NO					
TYPE DAMAGE	AMOUNT	LOCATIONS	TYPE DAMAGE	AMOUNT	LOCATIONS
DEBRIS PRESENT? NO		LOCATION:			
COMMENTS:					
INSPECTOR 1 : C. DiMardo		INSPECTOR 2: G. Leverance		DATE: 2/20/98	
DATE: 3/19/98 RESPONSE ACTION UPDATE					
1. MATERIAL FRIABLE? NO		<input type="checkbox"/> DAMAGED OR <input type="checkbox"/> SIGNIFICANTLY DAMAGED THERMAL SYSTEM INSULATION		<input checked="" type="checkbox"/> ACBM WITH POTENTIAL FOR DAMAGE	
2. HAS MATERIAL BEEN COMPLETELY ABATED? NO		<input type="checkbox"/> DAMAGED FRIABLE SURFACING ACM		<input type="checkbox"/> ACBM WITH POTENTIAL FOR SIGNIFICANT DAMAGE	
		<input type="checkbox"/> SIGNIFICANTLY DAMAGED FRIABLE SURFACING ACM		<input type="checkbox"/> ANY REMAINING FRIABLE ACBM OR FRIABLE SUSPECTED ACBM	
		<input type="checkbox"/> DAMAGED OR <input type="checkbox"/> SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM			
RESPONSE ACTION UPDATE	DATE OF RESPONSE	FOOTAGE	LOCATIONS		
DEN	ON-GOING	450 sf	See above Room/functional Space		
		sf			
		sf			
		sf			
COMMENTS:			MANAGEMENT PLANNER NAME: C. DiMardo		

PERIODIC SURVEILLANCE

ERM # 1023-104

RESPONSIBLE GOVERNING AUTHORITY: West New York Board of Ed.		FACILITY/BUILDING: Harry Sains School		DATE OF CONSTRUCTION	
HOMOGENEOUS ID. NO.: 04		MATERIAL DESCRIPTION: 12x12 Brown stone-look floor tile		FOOTAGE: 650 sf	
ROOM/FUNCTIONAL SPACE: Rm 313					
HAS PREVIOUS RESPONSE ACTION BEEN COMPLETED?: YES IS MATERIAL DAMAGED?: YES IS MATERIAL FRIABLE?: NO					
TYPE DAMAGE	AMOUNT	LOCATIONS	TYPE DAMAGE	AMOUNT	LOCATIONS
Physical	3.00	Rm 313			
DEBRIS PRESENT? NO		LOCATION:			
COMMENTS:					
INSPECTOR 1 : C. DiNardo		INSPECTOR 2: G. Leverence		DATE: 2/20/98	
DATE: 3/19/98 RESPONSE ACTION UPDATE 1. MATERIAL FRIABLE? NO <input type="checkbox"/> DAMAGED OR <input type="checkbox"/> SIGNIFICANTLY DAMAGED THERMAL SYSTEM INSULATION <input checked="" type="checkbox"/> ACM WITH POTENTIAL FOR DAMAGE 2. HAS MATERIAL BEEN COMPLETELY ABATED? NO <input type="checkbox"/> DAMAGED FRIABLE SURFACING ACM <input type="checkbox"/> ACM WITH POTENTIAL FOR SIGNIFICANT DAMAGE <input type="checkbox"/> SIGNIFICANTLY DAMAGED FRIABLE SURFACING ACM <input type="checkbox"/> ANY REMAINING FRIABLE ACM OR FRIABLE SUSPECTED ACM <input type="checkbox"/> DAMAGED OR <input type="checkbox"/> SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM					
RESPONSE ACTION UPDATE	DATE OF RESPONSE	FOOTAGE	LOCATIONS		
O&M	ON-GOING	650 sf	See above Room/Functional Space		
Replace	9/98	3 sf	Rm 313		
		sf			
		sf			
COMMENTS:			MANAGEMENT PLANNER NAME: C. DiNardo		

PERIODIC SURVEILLANCE

ERN # 1023-104

RESPONSIBLE GOVERNING AUTHORITY: West New York Board of Ed.		FACILITY/BUILDING: Harry Baing School		DATE OF CONSTRUCTION	
HOMGENEOUS ID. NO.: 05		MATERIAL DESCRIPTION: 9x9 Tan/blue spot floor tile		FOOTAGE: 625 sf	
ROOM/FUNCTIONAL SPACE: Rms 101					
HAS PREVIOUS RESPONSE ACTION BEEN COMPLETED?: YES IS MATERIAL DAMAGED?: YES IS MATERIAL FRIABLE?: NO					
TYPE DAMAGE	AMOUNT	LOCATIONS	TYPE DAMAGE	AMOUNT	LOCATIONS
Physical	1.00	Rm 101 near restm.			
DEBRIS PRESENT? NO		LOCATION:			
COMMENTS:					
INSPECTOR 1: C. DiNardo		INSPECTOR 2: G. Leverence		DATE: 2/20/98	
DATE: 3/19/98					
RESPONSE ACTION UPDATE					
1. MATERIAL FRIABLE? NO		[] DAMAGED OR [] SIGNIFICANTLY DAMAGED THERMAL SYSTEM INSULATION		[X] ACM WITH POTENTIAL FOR DAMAGE	
2. HAS MATERIAL BEEN COMPLETELY ABATED? NO		[] DAMAGED FRIABLE SURFACING ACM		[] ACM WITH POTENTIAL FOR SIGNIFICANT DAMAGE	
		[] SIGNIFICANTLY DAMAGED FRIABLE SURFACING ACM		[] ANY REMAINING FRIABLE ACM OR FRIABLE SUSPECTED ACM	
		[] DAMAGED OR [] SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM			
RESPONSE ACTION UPDATE	DATE OF RESPONSE	FOOTAGE	LOCATIONS		
O&M	ON-GOING	625 sf	See above Room/Functional Space		
Repair/replace	9/98	1 sf	Rm 101		
		sf			
		sf			
COMMENTS:			MANAGEMENT PLANNER NAME: C. DiNardo		

PERIODIC SURVEILLANCE

ERM # 1023-104

RESPONSIBLE GOVERNING AUTHORITY: West New York Board of Ed.		FACILITY/BUILDING: Harry Hains School		DATE OF CONSTRUCTION	
HOMOGENEOUS ID. NO.: 05A		MATERIAL DESCRIPTION: Mastic assoc/w 9x9 tan/blue spot floor tile		FOOTAGE: 625 sf	
ROOM/FUNCTIONAL SPACE: Rms 101					
HAS PREVIOUS RESPONSE ACTION BEEN COMPLETED?: YES IS MATERIAL DAMAGED?: NO IS MATERIAL FRIABLE?: NO					
TYPE DAMAGE	AMOUNT	LOCATIONS	TYPE DAMAGE	AMOUNT	LOCATIONS
DEBRIS PRESENT? NO		LOCATION:			
COMMENTS:					
INSPECTOR 1: C. DiNardo		INSPECTOR 2: G. Leverence		DATE: 2/20/98	
DATE: 3/19/98					
RESPONSE ACTION UPDATE					
1. MATERIAL FRIABLE? NO		[] DAMAGED OR [] SIGNIFICANTLY DAMAGED THERMAL SYSTEM INSULATION		[] ACBM WITH POTENTIAL FOR DAMAGE	
2. HAS MATERIAL BEEN COMPLETELY ABATED? NO		[] DAMAGED FRIABLE SURFACING ACM		[] ACBM WITH POTENTIAL FOR SIGNIFICANT DAMAGE	
		[] SIGNIFICANTLY DAMAGED FRIABLE SURFACING ACM		[] ANY REMAINING FRIABLE ACBM OR FRIABLE SUSPECTED ACBM	
		[] DAMAGED OR [] SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM			
RESPONSE ACTION UPDATE	DATE OF RESPONSE	FOOTAGE	LOCATIONS		
OSM	ON-GOING	625 sf	See above Room/Functional Space		
		sf			
		sf			
		sf			
COMMENTS:			MANAGEMENT PLANNER NAME: C. DiNardo		

ERN # 1023-104

07/08/2012 22:46 2016623931

PERIODIC SURVEILLANCE

ERM # 1023-104

RESPONSIBLE GOVERNING AUTHORITY: West New York Board of Ed.		FACILITY/BUILDING: Harry Bains School		DATE OF CONSTRUCTION	
HOMOGENEOUS ID. NO.: 028		MATERIAL DESCRIPTION: 9x9 Rust spot floor tile		FOOTAGE: 100 sf	
ROOM/FUNCTIONAL SPACE: Office Restroom					
HAS PREVIOUS RESPONSE ACTION BEEN COMPLETED?: YES IS MATERIAL DAMAGED?: YES IS MATERIAL FRIABLE?: NO					
TYPE DAMAGE	AMOUNT	LOCATIONS	TYPE DAMAGE	AMOUNT	LOCATIONS
Physical	2.00	Office restroom			
DEBRIS PRESENT? NO		LOCATION:			
COMMENTS:					
INSPECTOR 1 : C. DiNardo		INSPECTOR 2: G. Leverance		DATE: 2/20/98	
DATE: 3/19/98					
RESPONSE ACTION UPDATE					
1. MATERIAL FRIABLE? NO					
[] DAMAGED OR [] SIGNIFICANTLY DAMAGED THERMAL SYSTEM INSULATION					
2. HAS MATERIAL BEEN COMPLETELY ABATED? NO					
[] DAMAGED FRIABLE SURFACING ACM					
[] SIGNIFICANTLY DAMAGED FRIABLE SURFACING ACM					
[] DAMAGED OR [] SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM					
[] ANY REMAINING FRIABLE ACM OR FRIABLE SUSPECTED ACM					
RESPONSE ACTION UPDATE	DATE OF RESPONSE	FOOTAGE	LOCATIONS		
O&M	ON-GOING	100 sf	See above Room/Functional Space		
Replace	9/98	2 sf	Office restroom		
		sf			
		sf			
COMMENTS:			MANAGEMENT PLANNER NAME:		
			C. DiNardo		

PERIODIC SURVEILLANCE

ERM # 1023-106

RESPONSIBLE GOVERNING AUTHORITY: West New York Board of Ed.		FACILITY/BUILDING: Harry Hains School	DATE OF CONSTRUCTION
HOMOGENEOUS ID. NO.: 08A	MATERIAL DESCRIPTION: Mastic assoc w 9x9 rust spot floor tile		FOOTAGE: 100 sf

ROOM/FUNCTIONAL SPACE: Office storage

HAS PREVIOUS RESPONSE ACTION BEEN COMPLETED?: YES
 IS MATERIAL DAMAGED?: NO
 IS MATERIAL FRIABLE?: NO

TYPE DAMAGE	AMOUNT	LOCATIONS	TYPE DAMAGE	AMOUNT	LOCATIONS
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DEBRIS PRESENT? NO	LOCATION:
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COMMENTS:

INSPECTOR 1 : C. DiNardo

INSPECTOR 2: G. Leverence

DATE: 2/20/98

DATE: 3/19/98

RESPONSE ACTION UPDATE

- | | | |
|---|---|--|
| 1. MATERIAL FRIABLE? NO | <input type="checkbox"/> DAMAGED OR <input type="checkbox"/> SIGNIFICANTLY DAMAGED
THERMAL SYSTEM INSULATION | <input type="checkbox"/> ACM WITH POTENTIAL FOR DAMAGE |
| 2. HAS MATERIAL BEEN COMPLETELY
ABATED? NO | <input type="checkbox"/> DAMAGED FRIABLE SURFACING ACM | <input type="checkbox"/> ACM WITH POTENTIAL FOR
SIGNIFICANT DAMAGE |
| | <input type="checkbox"/> SIGNIFICANTLY DAMAGED FRIABLE
SURFACING ACM | <input type="checkbox"/> ANY REMAINING FRIABLE ACM OR
FRIABLE SUSPECTED ACM |
| | <input type="checkbox"/> DAMAGED OR <input type="checkbox"/> SIGNIFICANTLY DAMAGED
FRIABLE MISCELLANEOUS ACM | |

RESPONSE ACTION UPDATE	DATE OF RESPONSE	FOOTAGE	LOCATIONS
OSM	ON-GOING	100 sf	See above Room/Functional Space
		sf	
		sf	
		sf	

COMMENTS:

MANAGEMENT PLANNER NAME:

C. DiNardo

ERN # 1023-104

07/08/2012 22:46 2016623931

ERM # 1023-104

07/08/2012 22:46

PERIODIC SURVEILLANCE

ERM # 1023-104

RESPONSIBLE GOVERNING AUTHORITY: West New York Board of Ed.		FACILITY/BUILDING: Harry Bains School		DATE OF CONSTRUCTION	
HOMOGENEOUS ID. NO.: 20		MATERIAL DESCRIPTION: Lab table tops		FOOTAGE: 80 sf	
ROOM/FUNCTIONAL SPACE: Room 301					
HAS PREVIOUS RESPONSE ACTION BEEN COMPLETED?: YES IS MATERIAL DAMAGED?: NO IS MATERIAL FRIABLE?: NO					
TYPE DAMAGE	AMOUNT	LOCATIONS	TYPE DAMAGE	AMOUNT	LOCATIONS
DEBRIS PRESENT? NO		LOCATION:			
COMMENTS:					
INSPECTOR 1 : C. DiNardo		INSPECTOR 2: G. Laverance		DATE: 2/20/98	
DATE: 3/19/98 <div style="display: flex; justify-content: space-between;"> <div> 1. MATERIAL FRIABLE? NO 2. HAS MATERIAL BEEN COMPLETELY ABATED? NO </div> <div> RESPONSE ACTION UPDATE <input type="checkbox"/> DAMAGED OR <input type="checkbox"/> SIGNIFICANTLY DAMAGED THERMAL SYSTEM INSULATION <input type="checkbox"/> DAMAGED FRIABLE SURFACING ACM <input type="checkbox"/> SIGNIFICANTLY DAMAGED FRIABLE SURFACING ACM <input type="checkbox"/> DAMAGED OR <input type="checkbox"/> SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM </div> <div> <input checked="" type="checkbox"/> ACM WITH POTENTIAL FOR DAMAGE <input type="checkbox"/> ACM WITH POTENTIAL FOR SIGNIFICANT DAMAGE <input type="checkbox"/> ANY REMAINING FRIABLE ACM OR FRIABLE SUSPECTED ACM </div> </div>					
RESPONSE ACTION UPDATE	DATE OF RESPONSE	FOOTAGE	LOCATIONS		
O&M	ON-GOING	80 sf	See above Room/Functional Space		
		sf			
		sf			
		sf			
COMMENTS:			MANAGEMENT PLANNER NAME: C. DiNardo		

PERIODIC SURVEILLANCE

ERH # 1023-104

RESPONSIBLE GOVERNING AUTHORITY: West New York Board of Ed.		FACILITY/BUILDING: Harry Bains School		DATE OF CONSTRUCTION	
HOMOGENEOUS ID. NO.: 21		MATERIAL DESCRIPTION: Vibration collar		FOOTAGE: 21 sf	
ROOM/FUNCTIONAL SPACE: Basement storage 3, Basement-Power rm					
HAS PREVIOUS RESPONSE ACTION BEEN COMPLETED?: YES IS MATERIAL DAMAGED?: NO IS MATERIAL FRIABLE?: NO					
TYPE DAMAGE	AMOUNT	LOCATIONS	TYPE DAMAGE	AMOUNT	LOCATIONS
DEBRIS PRESENT? NO		LOCATION:			
COMMENTS:					
INSPECTOR 1 : C. DiNardo		INSPECTOR 2: G. Leverage		DATE: 2/20/98	
DATE: 3/19/98 RESPONSE ACTION UPDATE					
1. MATERIAL FRIABLE? NO		<input type="checkbox"/> DAMAGED OR <input type="checkbox"/> SIGNIFICANTLY DAMAGED THERMAL SYSTEM INSULATION		<input type="checkbox"/> ACBM WITH POTENTIAL FOR DAMAGE	
2. HAS MATERIAL BEEN COMPLETELY ABATED? NO		<input type="checkbox"/> DAMAGED FRIABLE SURFACING ACM <input type="checkbox"/> SIGNIFICANTLY DAMAGED FRIABLE SURFACING ACM		<input type="checkbox"/> ACBM WITH POTENTIAL FOR SIGNIFICANT DAMAGE <input type="checkbox"/> ANY REMAINING FRIABLE ACBM OR FRIABLE SUSPECTED ACBM	
		<input type="checkbox"/> DAMAGED OR <input type="checkbox"/> SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM			
RESPONSE ACTION UPDATE	DATE OF RESPONSE	FOOTAGE	LOCATIONS		
OEM	ON-GOING	21 sf	See above Room/Functional Space		
		sf			
		sf			
		sf			
COMMENTS:			MANAGEMENT PLANNER NAME:		
			C. DiNardo		

NEW JERSEY STATE DEPARTMENT OF HEALTH
ASBESTOS CONTROL SERVICE
ON 360, TRENTON, NJ 08625-0360

ASBESTOS MANAGEMENT PLAN - HOMOGENEOUS MATERIAL IDENTIFICATION

CLIENT NAME: West New York Board of Ed.
BUILDING ASSESSED: Harry Belafonte School

FOR STATE USE ONLY

WNY BOE

2016623931

07/08/2012

22:46

HOMOGENEOUS ID NO.	[X] SAMPLED [] ASSUMED	HOMOGENEOUS ID NO.	[X] SAMPLED [] ASSUMED	HOMOGENEOUS ID NO.	[X] SAMPLED [] ASSUMED	HOMOGENEOUS ID NO.	[X] SAMPLED [] ASSUMED	HOMOGENEOUS ID NO.	[X] SAMPLED [] ASSUMED
01	[] ASSUMED	01A	[] ASSUMED	02	[] ASSUMED	02A	[] ASSUMED	03	[] ASSUMED
DESCRIPTION OF MATERIAL		DESCRIPTION OF MATERIAL		DESCRIPTION OF MATERIAL		DESCRIPTION OF MATERIAL		DESCRIPTION OF MATERIAL	
12x12 Tan/peach floor tile		12x12 tan/peach floor tile		12x12 tan tread floor tile		12x12 tan tread floor tile		12x12 Tan w/brown & white streak floor tile	
[] ASBESTOS [X] NON-ASBESTOS		[] ASBESTOS [X] NON-ASBESTOS		[] ASBESTOS [X] NON-ASBESTOS		[X] ASBESTOS [] NON-ASBESTOS		[] ASBESTOS [X] NON-ASBESTOS	
LIST ALL LOCATIONS		LIST ALL LOCATIONS		LIST ALL LOCATIONS		LIST ALL LOCATIONS		LIST ALL LOCATIONS	
2nd floor - kitchen		2nd floor - kitchen		woodshop		woodshop		basement, main office, foyer to kindergarten, kindergarten closets	
TOTAL TOT. FOOTAGE OF DAMAGE OF TOTAL		TOTAL TOT. FOOTAGE OF DAMAGE OF TOTAL		TOTAL TOT. FOOTAGE OF DAMAGE OF TOTAL		TOTAL TOT. FOOTAGE OF DAMAGE OF TOTAL		TOTAL TOT. FOOTAGE OF DAMAGE OF TOTAL	
150 sf 0 sf 0.00		150 sf 0 sf 0.00		450 sf 0 sf 0.00		450 sf 0 sf 0.00		1,620 sf 0 sf 0.00	
DAMAGE SEVERITY *		DAMAGE SEVERITY *		DAMAGE SEVERITY *		DAMAGE SEVERITY *		DAMAGE SEVERITY *	
[] MAJOR [] MINOR		[] MAJOR [] MINOR		[] MAJOR [] MINOR		[] MAJOR [] MINOR		[] MAJOR [] MINOR	
[] SEVERE [] OCCASIONAL		[] SEVERE [] OCCASIONAL		[] SEVERE [] OCCASIONAL		[] SEVERE [] OCCASIONAL		[] SEVERE [] OCCASIONAL	

NEW JERSEY STATE DEPARTMENT OF HEALTH
 ASBESTOS CONTROL SERVICE
 EN 360, TRENTON, NJ 08625-0360

ASBESTOS MANAGEMENT PLAN - HOMOGENEOUS MATERIAL IDENTIFICATION

CLIENT NAME: West New York Board of Ed.
 BUILDING ASSESSED: Harry Balin School

FOR STATE USE ONLY

HOMOGENEOUS ID NO.	[] SAMPLED [] ASSUMED	HOMOGENEOUS ID NO.	[] SAMPLED [] ASSUMED	HOMOGENEOUS ID NO.	[] SAMPLED [] ASSUMED	HOMOGENEOUS ID NO.	[] SAMPLED [] ASSUMED
03A	[] ASSUMED	04	[] ASSUMED	04A	[] ASSUMED	05	[] ASSUMED
DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL
Mastic assoc/w 12x12 Tan w/brown & white streak floor tile	12x12 Brown stone-look floor tile	Mastic assoc/w 12x12 brown stone-look floor tile	9x9 Tan/blue spot floor tile	Mastic assoc/w 9x9 tan/blue spot floor tile			
[] ASBESTOS [] NON-ASBESTOS	[] ASBESTOS [] NON-ASBESTOS	[] ASBESTOS [] NON-ASBESTOS	[] ASBESTOS [] NON-ASBESTOS	[] ASBESTOS [] NON-ASBESTOS			
LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS			
Bent-art, main office, foyer to kindergarten, kindergarten closets	Rm 313	Rm 313	Rm 101	Rm 101			
TOTAL TOT. FOOTAGE % DAMAGE FOOTAGE OF DAMAGE OF TOTAL APPROX. APPROX.	TOTAL TOT. FOOTAGE % DAMAGE FOOTAGE OF DAMAGE OF TOTAL APPROX. APPROX.	TOTAL TOT. FOOTAGE % DAMAGE FOOTAGE OF DAMAGE OF TOTAL APPROX. APPROX.	TOTAL TOT. FOOTAGE % DAMAGE FOOTAGE OF DAMAGE OF TOTAL APPROX. APPROX.	TOTAL TOT. FOOTAGE % DAMAGE FOOTAGE OF DAMAGE OF TOTAL APPROX. APPROX.			
1,620 sf 0 sf 0.00	650 sf 3 sf .46	650 sf 0 sf 0.00	625 sf 1 sf .16	625 sf 0 sf 0.00			
DAMAGE SEVERITY *	DAMAGE SEVERITY *	DAMAGE SEVERITY *	DAMAGE SEVERITY *	DAMAGE SEVERITY *			
[] MAJOR [] MINOR	[] MAJOR [] MINOR	[] MAJOR [] MINOR	[] MAJOR [] MINOR	[] MAJOR [] MINOR			
[] SEVERE [] OCCASIONAL	[] SEVERE [] OCCASIONAL	[] SEVERE [] OCCASIONAL	[] SEVERE [] OCCASIONAL	[] SEVERE [] OCCASIONAL			

ASBESTOS MANAGEMENT PLAN - HOMOGENEOUS MATERIAL IDENTIFICATION

CLIENT NAME: West New York Board of Ed
BUILDING ASSESSED: Harry Bains School

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HOMOGENEOUS ID NO.	[] SAMPLED	HOMOGENEOUS ID NO.	[] SAMPLED	HOMOGENEOUS ID NO.	[] SAMPLED	HOMOGENEOUS ID NO.	[] SAMPLED	HOMOGENEOUS ID NO.	[] SAMPLED
06	[] ASSUMED	06A	[] ASSUMED	07	[] ASSUMED	07A	[] ASSUMED	08	[] ASSUMED
DESCRIPTION OF MATERIAL		DESCRIPTION OF MATERIAL		DESCRIPTION OF MATERIAL		DESCRIPTION OF MATERIAL		DESCRIPTION OF MATERIAL	
Pkg olive floor tile	Mastic mason/w 9x9 olive floor tile	9x9 Dark brown floor tile	9x9 Dark brown floor tile	Mastic mason/w 9x9 dark brown floor tile	9x9 Rust spot floor tile				
() ASBESTOS [] NON-ASBESTOS	[] ASBESTOS [] NON-ASBESTOS	[] ASBESTOS [] NON-ASBESTOS	[] ASBESTOS [] NON-ASBESTOS	[] ASBESTOS [] NON-ASBESTOS	[] ASBESTOS [] NON-ASBESTOS				
LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS				
Rm 101, library	Rm 101, library	Rm 101	Rm 101	Rm 101	Office restroom				
TOTAL TOT. FOOTAGE % DAMAGE FOOTAGE OF DAMAGE OF TOTAL APPROX. APPROX.	TOTAL TOT. FOOTAGE % DAMAGE FOOTAGE OF DAMAGE OF TOTAL APPROX. APPROX.	TOTAL TOT. FOOTAGE % DAMAGE FOOTAGE OF DAMAGE OF TOTAL APPROX. APPROX.	TOTAL TOT. FOOTAGE % DAMAGE FOOTAGE OF DAMAGE OF TOTAL APPROX. APPROX.	TOTAL TOT. FOOTAGE % DAMAGE FOOTAGE OF DAMAGE OF TOTAL APPROX. APPROX.	TOTAL TOT. FOOTAGE % DAMAGE FOOTAGE OF DAMAGE OF TOTAL APPROX. APPROX.				
100 sf 0 sf 0.00	100 sf 0 sf 0.00	100 sf 0 sf 0.00	100 sf 0 sf 0.00	100 sf 0 sf 0.00	100 sf 2 sf 2.00				
DAMAGE SEVERITY *	DAMAGE SEVERITY *	DAMAGE SEVERITY *	DAMAGE SEVERITY *	DAMAGE SEVERITY *	DAMAGE SEVERITY *				
[] MAJOR [] MINOR	[] MAJOR [] MINOR	[] MAJOR [] MINOR	[] MAJOR [] MINOR	[] MAJOR [] MINOR	[] MAJOR [] MINOR				
[] SEVERE [] OCCASIONAL	[] SEVERE [] OCCASIONAL	[] SEVERE [] OCCASIONAL	[] SEVERE [] OCCASIONAL	[] SEVERE [] OCCASIONAL	[] SEVERE [] OCCASIONAL				

NEW JERSEY STATE DEPARTMENT OF HEALTH
ASBESTOS CONTROL SERVICE
CN 350, TRENTON, NJ 08625-0350

ASBESTOS MANAGEMENT PLAN - HOMOGENEOUS MATERIAL IDENTIFICATION

CLIENT NAME: West New York Board of Ed.
BUILDING ASSESSED: Harry Baine School

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IDENTIFICATION ID NO.	<input type="checkbox"/> SAMPLED <input type="checkbox"/> ASSUMED	HOMOGENEOUS ID NO.	<input type="checkbox"/> SAMPLED <input type="checkbox"/> ASSUMED	HOMOGENEOUS ID NO.	<input type="checkbox"/> SAMPLED <input type="checkbox"/> ASSUMED	HOMOGENEOUS ID NO.	<input type="checkbox"/> SAMPLED <input type="checkbox"/> ASSUMED	HOMOGENEOUS ID NO.	<input type="checkbox"/> SAMPLED <input type="checkbox"/> ASSUMED
DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL
Asbestos assoc/w 9x9 rust spot floor tile	12x12 tan floor tile	Asbestos assoc/w 12x12 tan floor tile	Brown linoleum	Asbestos assoc/w brown linoleum					
Office storage	Nurse	Nurse	Library, old Board of Ed - office hall	Library, old Board of Ed - office hall					
LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS					
TOTAL TOT. FOOTAGE % DAMAGE FOOTAGE OF DAMAGE OF TOTAL APPROX. APPROX.	TOTAL TOT. FOOTAGE % DAMAGE FOOTAGE OF DAMAGE OF TOTAL APPROX. APPROX.	TOTAL TOT. FOOTAGE % DAMAGE FOOTAGE OF DAMAGE OF TOTAL APPROX. APPROX.	TOTAL TOT. FOOTAGE % DAMAGE FOOTAGE OF DAMAGE OF TOTAL APPROX. APPROX.	TOTAL TOT. FOOTAGE % DAMAGE FOOTAGE OF DAMAGE OF TOTAL APPROX. APPROX.					
100 sf 0 sf 0.00	300 sf 0 sf 0.00	300 sf 0 sf 0.00	1,250 sf 0 sf 0.00	1,250 sf 0 sf 0.00					
DAMAGE SEVERITY *	DAMAGE SEVERITY *	DAMAGE SEVERITY *	DAMAGE SEVERITY *	DAMAGE SEVERITY *					
<input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR	<input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR	<input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR	<input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR	<input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR					
<input type="checkbox"/> SEVERE <input type="checkbox"/> OCCASIONAL	<input type="checkbox"/> SEVERE <input type="checkbox"/> OCCASIONAL	<input type="checkbox"/> SEVERE <input type="checkbox"/> OCCASIONAL	<input type="checkbox"/> SEVERE <input type="checkbox"/> OCCASIONAL	<input type="checkbox"/> SEVERE <input type="checkbox"/> OCCASIONAL					

07/08/2012

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NEW JERSEY STATE DEPARTMENT OF HEALTH
ASBESTOS CONTROL SERVICE
CK 350, TRENTON, NJ 08625-0360

ASBESTOS MANAGEMENT PLAN - HOMOGENEOUS MATERIAL IDENTIFICATION

FOR STATE USE ONLY

CLIENT NAME: West New York Board of Ed.
BUILDING ASSESSED: Harry Balins School

HOMOGENEOUS ID NO.	<input type="checkbox"/> SAMPLED <input type="checkbox"/> ASSUMED	HOMOGENEOUS ID NO.	<input type="checkbox"/> SAMPLED <input type="checkbox"/> ASSUMED	HOMOGENEOUS ID NO.	<input type="checkbox"/> SAMPLED <input type="checkbox"/> ASSUMED	HOMOGENEOUS ID NO.	<input type="checkbox"/> SAMPLED <input type="checkbox"/> ASSUMED	HOMOGENEOUS ID NO.	<input type="checkbox"/> SAMPLED <input type="checkbox"/> ASSUMED
11	<input type="checkbox"/> SAMPLED <input type="checkbox"/> ASSUMED	12	<input type="checkbox"/> SAMPLED <input type="checkbox"/> ASSUMED	13	<input type="checkbox"/> SAMPLED <input type="checkbox"/> ASSUMED	14	<input type="checkbox"/> SAMPLED <input type="checkbox"/> ASSUMED	15	<input type="checkbox"/> SAMPLED <input type="checkbox"/> ASSUMED
DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL
1/4 Vertical heavy ceiling tile	Tromell-on ceiling material	Tromell-on wall material	Wall plaster	Ceiling plaster					
WNY BOE									
1 ASBESTOS <input type="checkbox"/> NON-ASBESTOS	1 ASBESTOS <input type="checkbox"/> NON-ASBESTOS	1 ASBESTOS <input type="checkbox"/> NON-ASBESTOS	1 ASBESTOS <input type="checkbox"/> NON-ASBESTOS	1 ASBESTOS <input type="checkbox"/> NON-ASBESTOS	1 ASBESTOS <input type="checkbox"/> NON-ASBESTOS	1 ASBESTOS <input type="checkbox"/> NON-ASBESTOS	1 ASBESTOS <input type="checkbox"/> NON-ASBESTOS	1 ASBESTOS <input type="checkbox"/> NON-ASBESTOS	1 ASBESTOS <input type="checkbox"/> NON-ASBESTOS
LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS
Library, old Board of Ed office, children's closets, 113, 115 restroom, 116 restm	Basement-storage, Basement- hallway	Basement areas	Throughout facility	Throughout facility					
TOTAL TOT. FOOTAGE % DAMAGE FOOTAGE OF DAMAGE OF TOTAL APPROX. APPROX.	TOTAL TOT. FOOTAGE % DAMAGE FOOTAGE OF DAMAGE OF TOTAL APPROX. APPROX.	TOTAL TOT. FOOTAGE % DAMAGE FOOTAGE OF DAMAGE OF TOTAL APPROX. APPROX.	TOTAL TOT. FOOTAGE % DAMAGE FOOTAGE OF DAMAGE OF TOTAL APPROX. APPROX.	TOTAL TOT. FOOTAGE % DAMAGE FOOTAGE OF DAMAGE OF TOTAL APPROX. APPROX.	TOTAL TOT. FOOTAGE % DAMAGE FOOTAGE OF DAMAGE OF TOTAL APPROX. APPROX.	TOTAL TOT. FOOTAGE % DAMAGE FOOTAGE OF DAMAGE OF TOTAL APPROX. APPROX.	TOTAL TOT. FOOTAGE % DAMAGE FOOTAGE OF DAMAGE OF TOTAL APPROX. APPROX.	TOTAL TOT. FOOTAGE % DAMAGE FOOTAGE OF DAMAGE OF TOTAL APPROX. APPROX.	TOTAL TOT. FOOTAGE % DAMAGE FOOTAGE OF DAMAGE OF TOTAL APPROX. APPROX.
2,750 sf 0 sf 0.00	1,800 sf 0 sf 0.00	3,000 sf 0 sf 0.00	26,000 sf 0 sf 0.00	12,000 sf 12 sf .10					
DAMAGE SEVERITY *	DAMAGE SEVERITY *	DAMAGE SEVERITY *	DAMAGE SEVERITY *	DAMAGE SEVERITY *					
<input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR	<input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR	<input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR	<input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR	<input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR					
<input type="checkbox"/> SEVERE <input type="checkbox"/> OCCASIONAL	<input type="checkbox"/> SEVERE <input type="checkbox"/> OCCASIONAL	<input type="checkbox"/> SEVERE <input type="checkbox"/> OCCASIONAL	<input type="checkbox"/> SEVERE <input type="checkbox"/> OCCASIONAL	<input type="checkbox"/> SEVERE <input type="checkbox"/> OCCASIONAL					

07/08/2012 22:46 2016623931

NEW JERSEY STATE DEPARTMENT OF HEALTH
ASBESTOS CONTROL SERVICE
CM 360, TRENTON, NJ 08625-0360

ASBESTOS MANAGEMENT PLAN - HOMOGENEOUS MATERIAL IDENTIFICATION

CLIENT NAME: West New York Board of Ed.
BUILDING ASSESSED: Harry Belafonte School

FOR STATE USE ONLY

HOMOGENEOUS ID NO.	[] SAMPLED [] ASSUMED	HOMOGENEOUS ID NO.	[] SAMPLED [] ASSUMED	HOMOGENEOUS ID NO.	[] SAMPLED [] ASSUMED	HOMOGENEOUS ID NO.	[] SAMPLED [] ASSUMED
16	[] ASSUMED	18	[] ASSUMED	18A	[] ASSUMED	19	[] ASSUMED
DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL
firecell pipe insulation	Sheetrock	Joint compound assoc/w sheetrock	2x2 wavy ceiling tiles	lab table tops			
WNY BOE							
[] ASBESTOS [] NON-ASBESTOS	[] ASBESTOS [] NON-ASBESTOS	[] ASBESTOS [] NON-ASBESTOS	[] ASBESTOS [] NON-ASBESTOS	[] ASBESTOS [] NON-ASBESTOS	[] ASBESTOS [] NON-ASBESTOS	[] ASBESTOS [] NON-ASBESTOS	[] ASBESTOS [] NON-ASBESTOS
LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS
Sub-basement entrance, assumed in girls restroom-bench box, assumed in telephone rm-box bench	Maintenance shop, maintenance wood shop, kindergarten rms, basement hall (patches)	Maintenance shop, maintenance woodshop, kindergarten rms	Vice principal's office (212)	Room 301			
TOTAL TOT. FOOTAGE % DAMAGE OF DAMAGE OF TOTAL	TOTAL TOT. FOOTAGE % DAMAGE OF DAMAGE OF TOTAL	TOTAL TOT. FOOTAGE % DAMAGE OF DAMAGE OF TOTAL	TOTAL TOT. FOOTAGE % DAMAGE OF DAMAGE OF TOTAL	TOTAL TOT. FOOTAGE % DAMAGE OF DAMAGE OF TOTAL	TOTAL TOT. FOOTAGE % DAMAGE OF DAMAGE OF TOTAL	TOTAL TOT. FOOTAGE % DAMAGE OF DAMAGE OF TOTAL	TOTAL TOT. FOOTAGE % DAMAGE OF DAMAGE OF TOTAL
FOOTAGE OF DAMAGE APPROX. APPROX.	FOOTAGE OF DAMAGE APPROX. APPROX.	FOOTAGE OF DAMAGE APPROX. APPROX.	FOOTAGE OF DAMAGE APPROX. APPROX.	FOOTAGE OF DAMAGE APPROX. APPROX.	FOOTAGE OF DAMAGE APPROX. APPROX.	FOOTAGE OF DAMAGE APPROX. APPROX.	FOOTAGE OF DAMAGE APPROX. APPROX.
15 lf 0 lf 0.00	2,200 sf 0 sf 0.00	160 sf 0 sf 0.00	200 sf 0 sf 0.00	80 sf 0 sf 0.00			
DAMAGE SEVERITY *	DAMAGE SEVERITY *	DAMAGE SEVERITY *	DAMAGE SEVERITY *	DAMAGE SEVERITY *			
[] MAJOR [] MINOR	[] MAJOR [] MINOR	[] MAJOR [] MINOR	[] MAJOR [] MINOR	[] MAJOR [] MINOR			
[] SEVERE [] OCCASIONAL	[] SEVERE [] OCCASIONAL	[] SEVERE [] OCCASIONAL	[] SEVERE [] OCCASIONAL	[] SEVERE [] OCCASIONAL			

NEW JERSEY STATE DEPARTMENT OF HEALTH
ASBESTOS CONTROL SERVICE
ON 360, TRENTON, NJ 08625-0360

ASBESTOS MANAGEMENT PLAN - HOMOGENEOUS MATERIAL IDENTIFICATION

CLIENT NAME: West New York Board of Ed.
BUILDING ASSESSED: Harry Bailew School

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INDIGENOUS ID NO.	<input type="checkbox"/> SAMPLED <input checked="" type="checkbox"/> ASSUMED	HOMOGENEOUS ID NO.	<input type="checkbox"/> SAMPLED <input checked="" type="checkbox"/> ASSUMED	HOMOGENEOUS ID NO.	<input type="checkbox"/> SAMPLED <input checked="" type="checkbox"/> ASSUMED	HOMOGENEOUS ID NO.	<input type="checkbox"/> SAMPLED <input checked="" type="checkbox"/> ASSUMED
21		22		23		24	
DESCRIPTION OF MATERIAL		DESCRIPTION OF MATERIAL		DESCRIPTION OF MATERIAL		DESCRIPTION OF MATERIAL	
fiberglass collar		Boiler breeching		Fittings assoc/w fiberglass pipe insulation		Generator insulation (block)	
BOE							
<input checked="" type="checkbox"/> ASBESTOS <input type="checkbox"/> NON-ASBESTOS		<input type="checkbox"/> ASBESTOS <input checked="" type="checkbox"/> NON-ASBESTOS		<input type="checkbox"/> ASBESTOS <input checked="" type="checkbox"/> NON-ASBESTOS		<input type="checkbox"/> ASBESTOS <input checked="" type="checkbox"/> NON-ASBESTOS	
LIST ALL LOCATIONS		LIST ALL LOCATIONS		LIST ALL LOCATIONS		LIST ALL LOCATIONS	
Basement storage 3, Basement-Power rm		Boiler Room		Boiler room		Boiler room	
TOTAL	TOT. FOOTAGE OF DAMAGE OF TOTAL	TOTAL	TOT. FOOTAGE OF DAMAGE OF TOTAL	TOTAL	TOT. FOOTAGE OF DAMAGE OF TOTAL	TOTAL	TOT. FOOTAGE OF DAMAGE OF TOTAL
FOOTAGE OF DAMAGE APPROX.	24 sf 0 sf 0.00	FOOTAGE OF DAMAGE APPROX.	350 sf 0 sf 0.00	FOOTAGE OF DAMAGE APPROX.	10 lf 0 lf 0.00	FOOTAGE OF DAMAGE APPROX.	12 sf 0 sf 0.00
DAMAGE SEVERITY *	<input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR <input type="checkbox"/> SEVERE <input type="checkbox"/> OCCASIONAL	DAMAGE SEVERITY *	<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR <input type="checkbox"/> SEVERE <input type="checkbox"/> OCCASIONAL	DAMAGE SEVERITY *	<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR <input type="checkbox"/> SEVERE <input type="checkbox"/> OCCASIONAL	DAMAGE SEVERITY *	<input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR <input type="checkbox"/> SEVERE <input type="checkbox"/> OCCASIONAL



ENVIRONMENTAL
& REMEDIATION &
MANAGEMENT, INC.

P.O. Box 9026
Trenton, N.J. 08650
Tel • (609) 259-8077
Fax • (609) 259-8079

(VOLUME 2)

West New York Board of Education

Harry Bains School

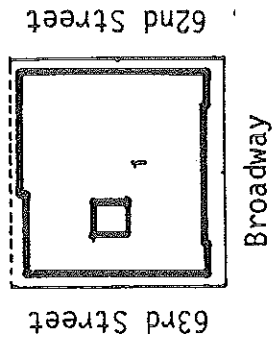
AHERA Management Plan

Prepared By:

**Environmental Remediation & Management, Inc.
(ER&M)**

I. FLOOR PLAN

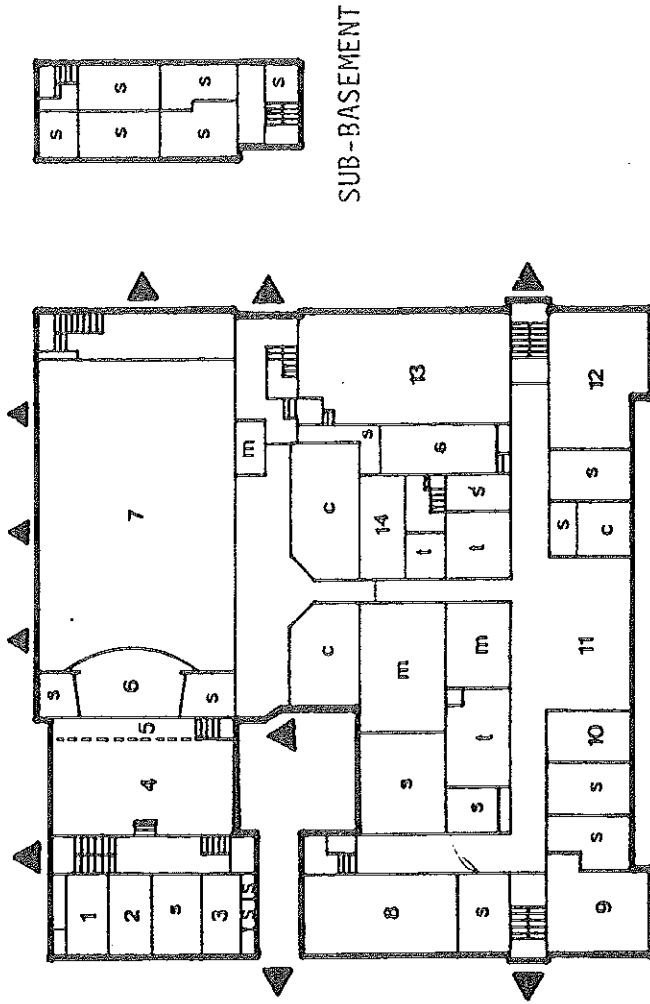
HARRY L. BAIN ELEMENTARY 100
WEST NEW YORK 5679
HUDSON COUNTY 17
SCHOOL CODE 13



SITE PLAN

1. Harry L. Bain Elementary School building

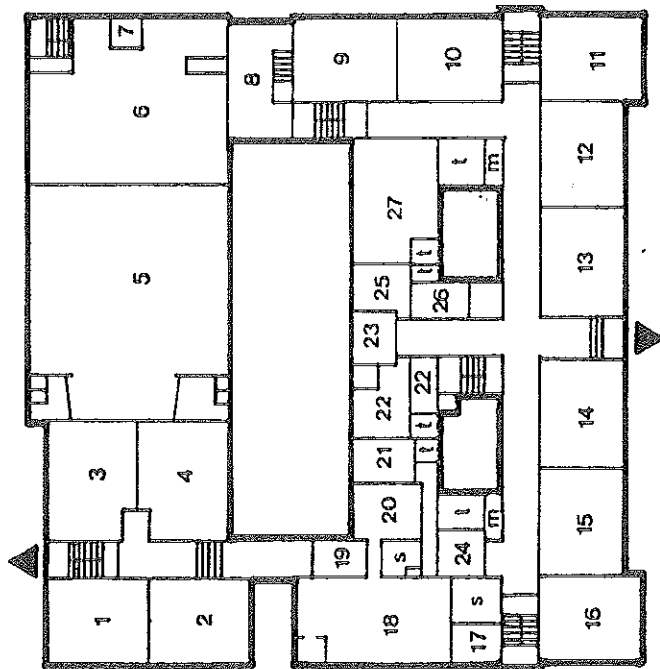
HARRY L. BAIN ELEMENTARY SCH - 100
 WEST NEW YORK 5670
 HUDSON COUNTY 17
 SCHOOL CODE 13



BASEMENT

no.	area	function
1	255	office
2	276	dressing room
3	255	office
4	1835	gymnasium
5	260	balcony - above
6	510	stage
7	5335	multi-purpose assembly/dining/music
8	1060	art
9	750	music
10	375	kitchen
11	2080	multi-purpose room
12	1080	industrial arts
13	2015	gymnasium
14	370	locker room

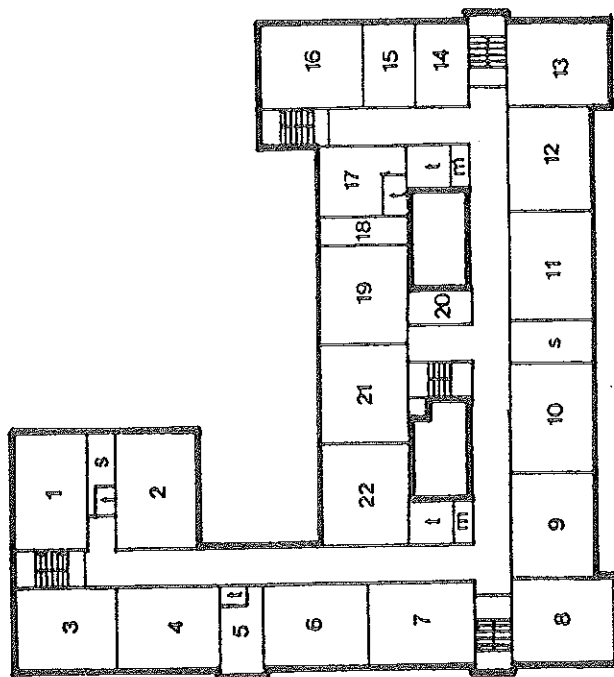
RY I AIN MEN...Y SC...)
 WEST NEW YORK 5670
 HUDSON COUNTY 17
 SCHOOL CODE 13



FIRST FLOOR

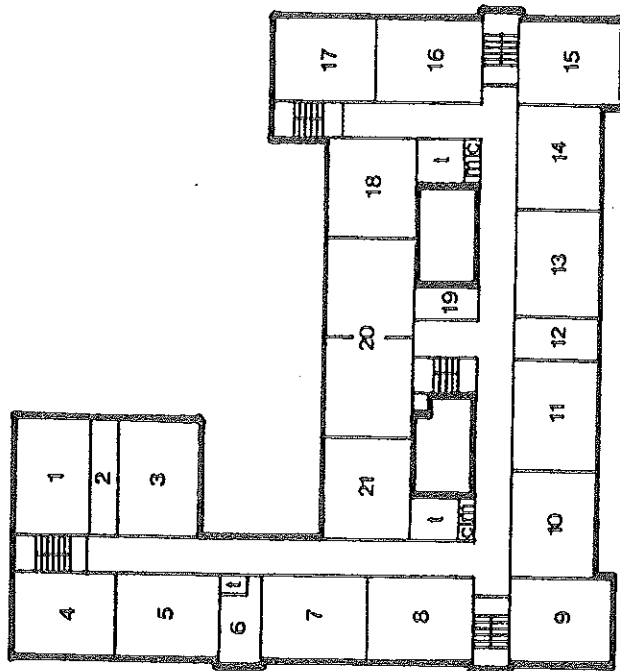
no.	area	function	no.	area	function
1	695	classroom	14	720	classroom
2	695	classroom	15	720	classroom
3	930	classroom	16	720	classroom
4	930	kindergarten	17	140	Board of Education office
5		upper stage/auditorium	18	1150	Board of Education office
6	1980	balcony	19	150	office
7	70	projection room	20	320	office
8	600	classroom	21	235	superintendent's office
9	720	classroom	22	450	nurse
10	720	classroom	23	180	principal's office
11	720	classroom	24	210	work room
12	720	classroom	25	220	general office
13	720	classroom	26	180	office
			27	830	home economics combination

HARRY L. BAIN ELEMENTARY SCHOOL 100
 WEST NEW YORK 5670
 HUDSON COUNTY 17
 SCHOOL CODE 13



SECOND FLOOR

no.	area	function	no.	area	function
1	720	classroom	12	720	classroom
2	720	special education	13	720	classroom
3	720	classroom	14	360	small group
4	745	classroom	15	360	small group
5	210	office	16	720	classroom
6	745	classroom	17	410	teachers' room
7	720	classroom	18	200	kitchen
8	720	classroom	19	720	audio-visual equipment
9	720	classroom	20	180	vice-principal's office
10	720	classroom	21	720	art
11	770	classroom	22	720	classroom



THIRD FLOOR

no.	area	function	no.	area	function
1	720	classroom	11	770	classroom
2	245	small group	12	290	reference room
3	720	classroom	13	770	classroom
4	720	classroom	14	720	classroom
5	745	home economics	15	720	classroom
6	210	teachers' room	16	720	classroom
7	745	classroom	17	720	classroom
8	720	classroom	18	720	classroom
9	720	classroom	19	180	office
10	720	classroom	20	1440	i.m.c.
			21	720	classroom

NEW JERSEY STATE DEPARTMENT OF HEALTH
ASBESTOS CONTROL SERVICE
CN 360, TRENTON, NJ 08625-0360

ASBESTOS MANAGEMENT PLAN - HOMOGENEOUS MATERIAL IDENTIFICATION

CLIENT NAME: West New York Board of Ed.
BUILDING ASSESSED: Harry Bains School

FOR STATE USE ONLY

HOMOGENEOUS ID NO.	<input type="checkbox"/> SAMPLED <input type="checkbox"/> ASSUMED	HOMOGENEOUS ID NO.	<input type="checkbox"/> SAMPLED <input type="checkbox"/> ASSUMED	HOMOGENEOUS ID NO.	<input type="checkbox"/> SAMPLED <input type="checkbox"/> ASSUMED	HOMOGENEOUS ID NO.	<input type="checkbox"/> SAMPLED <input type="checkbox"/> ASSUMED
01	<input type="checkbox"/> ASSUMED	01A	<input type="checkbox"/> ASSUMED	02	<input type="checkbox"/> ASSUMED	02A	<input type="checkbox"/> ASSUMED
DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL
12x12 Tan/peach floor tile	Mastic assoc/w 12x12 tan/peach floor tile	12x12 Tan tread floor tile	Mastic assoc/w 12x12 tan tread floor tile	12x12 Tan w/brown & white streak floor tile			
<input type="checkbox"/> ASBESTOS <input type="checkbox"/> NON-ASBESTOS	<input type="checkbox"/> ASBESTOS <input type="checkbox"/> NON-ASBESTOS	<input type="checkbox"/> ASBESTOS <input type="checkbox"/> NON-ASBESTOS	<input type="checkbox"/> ASBESTOS <input type="checkbox"/> NON-ASBESTOS	<input type="checkbox"/> ASBESTOS <input type="checkbox"/> NON-ASBESTOS	<input type="checkbox"/> ASBESTOS <input type="checkbox"/> NON-ASBESTOS	<input type="checkbox"/> ASBESTOS <input type="checkbox"/> NON-ASBESTOS	<input type="checkbox"/> ASBESTOS <input type="checkbox"/> NON-ASBESTOS
LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS
2nd floor - kitchen	2nd floor - kitchen	Woodshop	Woodshop	Bsmt-ar, main office, foyer to kindergarten, kindergarten closets			
TOTAL TOT. FOOTAGE OF DAMAGE OF TOTAL	TOTAL TOT. FOOTAGE OF DAMAGE OF TOTAL	TOTAL TOT. FOOTAGE OF DAMAGE OF TOTAL	TOTAL TOT. FOOTAGE OF DAMAGE OF TOTAL	TOTAL TOT. FOOTAGE OF DAMAGE OF TOTAL	TOTAL TOT. FOOTAGE OF DAMAGE OF TOTAL	TOTAL TOT. FOOTAGE OF DAMAGE OF TOTAL	TOTAL TOT. FOOTAGE OF DAMAGE OF TOTAL
FOOTAGE OF DAMAGE APPROX. 150 sf 0 sf 0.00	FOOTAGE OF DAMAGE APPROX. 150 sf 0 sf 0.00	FOOTAGE OF DAMAGE APPROX. 450 sf 0 sf 0.00	FOOTAGE OF DAMAGE APPROX. 450 sf 0 sf 0.00	FOOTAGE OF DAMAGE APPROX. 1,620 sf 0 sf 0.00			
DAMAGE SEVERITY * <input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR <input type="checkbox"/> SEVERE <input type="checkbox"/> OCCASIONAL	DAMAGE SEVERITY * <input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR <input type="checkbox"/> SEVERE <input type="checkbox"/> OCCASIONAL	DAMAGE SEVERITY * <input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR <input type="checkbox"/> SEVERE <input type="checkbox"/> OCCASIONAL	DAMAGE SEVERITY * <input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR <input type="checkbox"/> SEVERE <input type="checkbox"/> OCCASIONAL	DAMAGE SEVERITY * <input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR <input type="checkbox"/> SEVERE <input type="checkbox"/> OCCASIONAL			

NEW JERSEY STATE DEPARTMENT OF HEALTH
ASBESTOS CONTROL SERVICE
CN 360, TRENTON, NJ 08625-0360

F

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ASBESTOS MANAGEMENT PLAN - HOMOGENEOUS MATERIAL IDENTIFICATION

CLIENT NAME: West New York Board of Ed.
BUILDING ASSESSED: Harry Bains School

HOMOGENEOUS ID NO.	[] SAMPLED [] ASSUMED	HOMOGENEOUS ID NO.	[] SAMPLED [] ASSUMED	HOMOGENEOUS ID NO.	[] SAMPLED [] ASSUMED	HOMOGENEOUS ID NO.	[] SAMPLED [] ASSUMED
03A		04		04A		05	
DESCRIPTION OF MATERIAL		DESCRIPTION OF MATERIAL		DESCRIPTION OF MATERIAL		DESCRIPTION OF MATERIAL	
Mastic assoc/w 12x12 Tan w/brown & white streak floor tile		12x12 Brown stone-look floor tile		Mastic assoc/w 12x12 brown stone-look floor tile		9x9 Tan/blue spot floor tile	
[] ASBESTOS [] NON-ASBESTOS		[] ASBESTOS [] NON-ASBESTOS		[] ASBESTOS [] NON-ASBESTOS		[] ASBESTOS [] NON-ASBESTOS	
LIST ALL LOCATIONS		LIST ALL LOCATIONS		LIST ALL LOCATIONS		LIST ALL LOCATIONS	
Bsm't-art, main office, foyer to kindergarten, kindergarten closets		Rm 313		Rm 313		Rms 101	
TOTAL FOOTAGE OF DAMAGE APPROX. 1,620 sf		TOTAL FOOTAGE OF DAMAGE APPROX. 650 sf		TOTAL FOOTAGE OF DAMAGE APPROX. 650 sf		TOTAL FOOTAGE OF DAMAGE APPROX. 625 sf	
% DAMAGE OF TOTAL 0.00		% DAMAGE OF TOTAL .46		% DAMAGE OF TOTAL 0.00		% DAMAGE OF TOTAL .16	
DAMAGE SEVERITY *		DAMAGE SEVERITY *		DAMAGE SEVERITY *		DAMAGE SEVERITY *	
[] MAJOR [] MINOR		[] MAJOR [] MINOR		[] MAJOR [] MINOR		[] MAJOR [] MINOR	
[] SEVERE [] OCCASIONAL		[] SEVERE [] OCCASIONAL		[] SEVERE [] OCCASIONAL		[] SEVERE [] OCCASIONAL	

7

ASBESTOS MANAGEMENT PLAN - HOMOGENEOUS MATERIAL IDENTIFICATION

FOR STATE USE ONLY

HOMOGENEOUS ID NO. 06	<input type="checkbox"/> SAMPLED <input type="checkbox"/> ASSUMED	HOMOGENEOUS ID NO. 06A	<input type="checkbox"/> SAMPLED <input type="checkbox"/> ASSUMED	HOMOGENEOUS ID NO. 07	<input type="checkbox"/> SAMPLED <input type="checkbox"/> ASSUMED	HOMOGENEOUS ID NO. 07A	<input type="checkbox"/> SAMPLED <input type="checkbox"/> ASSUMED	HOMOGENEOUS ID NO. 08	<input type="checkbox"/> SAMPLED <input type="checkbox"/> ASSUMED
DESCRIPTION OF MATERIAL		DESCRIPTION OF MATERIAL		DESCRIPTION OF MATERIAL		DESCRIPTION OF MATERIAL		DESCRIPTION OF MATERIAL	
9x9 Olive floor tile		Mastic assoc/w 9x9 olive floor tile		9x9 Dark brown floor tile		Mastic assoc/w 9x9 dark brown floor tile		9x9 Rust spot floor tile	
<input type="checkbox"/> ASBESTOS <input type="checkbox"/> NON-ASBESTOS		<input type="checkbox"/> ASBESTOS <input type="checkbox"/> NON-ASBESTOS		<input type="checkbox"/> ASBESTOS <input type="checkbox"/> NON-ASBESTOS		<input type="checkbox"/> ASBESTOS <input type="checkbox"/> NON-ASBESTOS		<input type="checkbox"/> ASBESTOS <input type="checkbox"/> NON-ASBESTOS	
LIST ALL LOCATIONS		LIST ALL LOCATIONS		LIST ALL LOCATIONS		LIST ALL LOCATIONS		LIST ALL LOCATIONS	
Rm 101, library		Rm 101, library		Rm 101		Rm 101		Office restroom	
TOTAL FOOTAGE OF DAMAGE APPROX. 100 sf		TOTAL FOOTAGE OF DAMAGE APPROX. 100 sf		TOTAL FOOTAGE OF DAMAGE APPROX. 100 sf		TOTAL FOOTAGE OF DAMAGE APPROX. 100 sf		TOTAL FOOTAGE OF DAMAGE APPROX. 100 sf	
TOTAL % DAMAGE OF TOTAL		TOTAL % DAMAGE OF TOTAL		TOTAL % DAMAGE OF TOTAL		TOTAL % DAMAGE OF TOTAL		TOTAL % DAMAGE OF TOTAL	
0.00		0.00		0.00		0.00		2.00	
DAMAGE SEVERITY *		DAMAGE SEVERITY *		DAMAGE SEVERITY *		DAMAGE SEVERITY *		DAMAGE SEVERITY *	
<input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR		<input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR		<input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR		<input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR		<input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR	
<input type="checkbox"/> SEVERE <input type="checkbox"/> OCCASIONAL		<input type="checkbox"/> SEVERE <input type="checkbox"/> OCCASIONAL		<input type="checkbox"/> SEVERE <input type="checkbox"/> OCCASIONAL		<input type="checkbox"/> SEVERE <input type="checkbox"/> OCCASIONAL		<input type="checkbox"/> SEVERE <input type="checkbox"/> OCCASIONAL	

NEW JERSEY STATE DEPARTMENT OF HEALTH
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CN 360, TRENTON, NJ 08625-0360

ASBESTOS MANAGEMENT PLAN - HOMOGENEOUS MATERIAL IDENTIFICATION

CLIENT NAME: West New York Board of Ed.
BUILDING ASSESSED: Harry Bains School

FOR STATE USE ONLY

HOMOGENEOUS ID NO.	[] SAMPLED [] ASSUMED	HOMOGENEOUS ID NO.	[] SAMPLED [] ASSUMED	HOMOGENEOUS ID NO.	[] SAMPLED [] ASSUMED	HOMOGENEOUS ID NO.	[] SAMPLED [] ASSUMED
08A	[] ASSUMED	09	[] ASSUMED	09A	[] ASSUMED	10	[] ASSUMED
DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL
Mastic assoc/w 9x9 rust spot floor tile	12x12 Tan floor tile	Mastic assoc/w 12x12 tan floor tile	Brown linoleum	Mastic assoc/w brown linoleum			
[] ASBESTOS [] NON-ASBESTOS	[] ASBESTOS [] NON-ASBESTOS	[] ASBESTOS [] NON-ASBESTOS	[] ASBESTOS [] NON-ASBESTOS	[] ASBESTOS [] NON-ASBESTOS			
LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS			
Office storage	Nurse	Nurse	Library, old Board of Ed - office hall	Library, old Board of Ed - office hall			
TOTAL TOT. FOOTAGE OF DAMAGE OF TOTAL APPROX.	TOTAL TOT. FOOTAGE OF DAMAGE OF TOTAL APPROX.	TOTAL TOT. FOOTAGE OF DAMAGE OF TOTAL APPROX.	TOTAL TOT. FOOTAGE OF DAMAGE OF TOTAL APPROX.	TOTAL TOT. FOOTAGE OF DAMAGE OF TOTAL APPROX.			
100 sf 0 sf 0.00	300 sf 0 sf 0.00	300 sf 0 sf 0.00	1,250 sf 0 sf 0.00	1,250 sf 0 sf 0.00			
DAMAGE SEVERITY *	DAMAGE SEVERITY *	DAMAGE SEVERITY *	DAMAGE SEVERITY *	DAMAGE SEVERITY *			
[] MAJOR [] MINOR	[] MAJOR [] MINOR	[] MAJOR [] MINOR	[] MAJOR [] MINOR	[] MAJOR [] MINOR			
[] SEVERE [] OCCASIONAL	[] SEVERE [] OCCASIONAL	[] SEVERE [] OCCASIONAL	[] SEVERE [] OCCASIONAL	[] SEVERE [] OCCASIONAL			

NEW JERSEY STATE DEPARTMENT OF HEALTH
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CLIENT NAME: West New York Board of Ed.
BUILDING ASSESSED: Harry Bains School

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11		12		13		14		15	
DESCRIPTION OF MATERIAL		DESCRIPTION OF MATERIAL		DESCRIPTION OF MATERIAL		DESCRIPTION OF MATERIAL		DESCRIPTION OF MATERIAL	
2x4 Vertical wavy ceiling tile		Trowell-on ceiling material		Trowelled-on wall material		Wall plaster		Ceiling plaster	
[] ASBESTOS [] NON-ASBESTOS		[] ASBESTOS [] NON-ASBESTOS		[] ASBESTOS [] NON-ASBESTOS		[] ASBESTOS [] NON-ASBESTOS		[] ASBESTOS [] NON-ASBESTOS	
LIST ALL LOCATIONS		LIST ALL LOCATIONS		LIST ALL LOCATIONS		LIST ALL LOCATIONS		LIST ALL LOCATIONS	
Library, old Board of Ed office, kindergarten closets, 113, 115 restrm, 116 restrm		Basement-storage, Basement- hallway		Basement areas		Throughout facility		Throughout facility	
TOTAL TOT. FOOTAGE % DAMAGE FOOTAGE OF DAMAGE OF TOTAL APPROX. APPROX.		TOTAL TOT. FOOTAGE % DAMAGE FOOTAGE OF DAMAGE OF TOTAL APPROX. APPROX.		TOTAL TOT. FOOTAGE % DAMAGE FOOTAGE OF DAMAGE OF TOTAL APPROX. APPROX.		TOTAL TOT. FOOTAGE % DAMAGE FOOTAGE OF DAMAGE OF TOTAL APPROX. APPROX.		TOTAL TOT. FOOTAGE % DAMAGE FOOTAGE OF DAMAGE OF TOTAL APPROX. APPROX.	
2,750 sf 0 sf 0.00		1,800 sf 0 sf 0.00		3,000 sf 0 sf 0.00		26,000 sf 0 sf 0.00		12,000 sf 12 sf .10	
DAMAGE SEVERITY *		DAMAGE SEVERITY *		DAMAGE SEVERITY *		DAMAGE SEVERITY *		DAMAGE SEVERITY *	
[] MAJOR [] MINOR		[] MAJOR [] MINOR		[] MAJOR [] MINOR		[] MAJOR [] MINOR		[] MAJOR [] MINOR	
[] SEVERE [] OCCASIONAL		[] SEVERE [] OCCASIONAL		[] SEVERE [] OCCASIONAL		[] SEVERE [] OCCASIONAL		[] SEVERE [] OCCASIONAL	

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16	[] ASSUMED	18	[] ASSUMED	18A	[] ASSUMED	19	[] ASSUMED	20	[] ASSUMED
DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL
Aircell pipe insulation	Sheetrock		Joint compound assoc/w sheetrock		2x2 wavy ceiling tiles		lab table tops		
[] ASBESTOS [] NON-ASBESTOS	[] ASBESTOS [] NON-ASBESTOS	[] ASBESTOS [] NON-ASBESTOS	[] ASBESTOS [] NON-ASBESTOS	[] ASBESTOS [] NON-ASBESTOS	[] ASBESTOS [] NON-ASBESTOS	[] ASBESTOS [] NON-ASBESTOS	[] ASBESTOS [] NON-ASBESTOS	[] ASBESTOS [] NON-ASBESTOS	[] ASBESTOS [] NON-ASBESTOS
LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS
Sub-basmt entrance, assumed in girls restroom-bench box, assumed in telephone rm-box bench	Maintenance shop, maintenance wood shoop, kindergarten rms, basement hall (patches)	Maintenance shop, maintenance woodshop, kindergarten rms	Vice principal's office (212)	Room 301					
TOTAL FOOTAGE OF DAMAGE APPROX. 15 lf 0 lf 0.00	TOTAL FOOTAGE OF DAMAGE APPROX. 2,200 sf 0 sf 0.00	TOTAL FOOTAGE OF DAMAGE APPROX. 160 sf 0 sf 0.00	TOTAL FOOTAGE OF DAMAGE APPROX. 200 sf 0 sf 0.00	TOTAL FOOTAGE OF DAMAGE APPROX. 80 sf 0 sf 0.00					
DAMAGE SEVERITY * [] MAJOR [] MINOR [] SEVERE [] OCCASIONAL	DAMAGE SEVERITY * [] MAJOR [] MINOR [] SEVERE [] OCCASIONAL	DAMAGE SEVERITY * [] MAJOR [] MINOR [] SEVERE [] OCCASIONAL	DAMAGE SEVERITY * [] MAJOR [] MINOR [] SEVERE [] OCCASIONAL	DAMAGE SEVERITY * [] MAJOR [] MINOR [] SEVERE [] OCCASIONAL					

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HOMOGENEOUS ID NO.	<input type="checkbox"/> SAMPLED <input type="checkbox"/> ASSUMED	HOMOGENEOUS ID NO.	<input type="checkbox"/> SAMPLED <input type="checkbox"/> ASSUMED	HOMOGENEOUS ID NO.	<input type="checkbox"/> SAMPLED <input type="checkbox"/> ASSUMED	HOMOGENEOUS ID NO.	<input type="checkbox"/> SAMPLED <input type="checkbox"/> ASSUMED
21	<input type="checkbox"/> ASSUMED	22	<input type="checkbox"/> ASSUMED	23	<input type="checkbox"/> ASSUMED	24	<input type="checkbox"/> ASSUMED
DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL	DESCRIPTION OF MATERIAL
Vibration collar	Boiler breeching	Fittings assoc/w fiberglass pipe insulation	Generator insulation (block)				
<input checked="" type="checkbox"/> ASBESTOS <input type="checkbox"/> NON-ASBESTOS	<input type="checkbox"/> ASBESTOS <input checked="" type="checkbox"/> NON-ASBESTOS	<input type="checkbox"/> ASBESTOS <input checked="" type="checkbox"/> NON-ASBESTOS	<input type="checkbox"/> ASBESTOS <input checked="" type="checkbox"/> NON-ASBESTOS				
LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS	LIST ALL LOCATIONS				
Basement storage 3, Basement-Power rm	Boiler Room	Boiler room	Boiler room				
TOTAL FOOTAGE OF DAMAGE APPROX. 21 sf	TOTAL FOOTAGE OF DAMAGE APPROX. 0 sf	TOTAL FOOTAGE OF DAMAGE APPROX. 10 lf	TOTAL FOOTAGE OF DAMAGE APPROX. 12 sf				
TOT. FOOTAGE OF DAMAGE OF TOTAL 0.00	TOT. FOOTAGE OF DAMAGE OF TOTAL 0.00	TOT. FOOTAGE OF DAMAGE OF TOTAL 0 lf	TOT. FOOTAGE OF DAMAGE OF TOTAL 0 sf				
DAMAGE SEVERITY * <input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR <input type="checkbox"/> SEVERE <input type="checkbox"/> OCCASIONAL	DAMAGE SEVERITY * <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR <input type="checkbox"/> SEVERE <input type="checkbox"/> OCCASIONAL	DAMAGE SEVERITY * <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR <input type="checkbox"/> SEVERE <input type="checkbox"/> OCCASIONAL	DAMAGE SEVERITY * <input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR <input type="checkbox"/> SEVERE <input type="checkbox"/> OCCASIONAL				

INSTRUCTIONS

Follow only the instructions which are marked by a "X":

1. X Discard Table of Contents and replace with new Table of Contents.
2. X Insert "Current Management Plan Update Report" at the end of Tab A.
3. Insert lab analysis at the end of Tab B.
4. Insert Correspondence at the end of Tab C.

For: Harry Bains

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4. CURRENT MANAGEMENT PLAN UPDATE REPORT
(August 20, 1998 - February 25, 1999)
5. CURRENT MANAGEMENT PLAN UPDATE REPORT
(February 25, 1999 - August 30, 1999)
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(August 17, 2009 - February 17, 2010)

26. CURRENT MANAGEMENT PLAN UPDATE REPORT

(August 17, 2009 - February 17, 2010)

March 18, 2010

Environmental Remediation & Management, Inc. (ER&M) performed a periodic surveillance inspection of the Harry Baines School for the West New York Board of Education on February 17, 2010. The purpose of the surveillance inspection was to ensure compliance with the requirements of the Asbestos Hazard Emergency Response Act (AHERA) 40 CFR Part 763.93. ER&M conducted a review of asbestos abatement documents and conducted a thorough reassessment of previously identified asbestos-containing materials and materials assumed to contain asbestos.

The most recent six (6) month periodic surveillance inspection addendum is located behind the previous periodic surveillance report and in front of Form G in the management plan. The information in the addendum supersedes all previous inspection information in the management plan. In some circumstances, the amount of material present has been adjusted due to exact measurements taken during the surveillance inspection.

At the request of the client, additional sampling may be performed during the periodic surveillance inspection. The asbestos found in some non-friable materials is finely milled. In some cases, when asbestos is not detected during Polarized Light Microscopy (PLM) analysis, ER&M recommends subsequent Transmission Electron Microscopy (TEM) analysis to provide more definitive results.

Please note the reassessments presented in this plan are representative of the conditions and circumstances observed in the facility on the dates of our surveillance inspection. We cannot assume responsibility for any change in conditions or circumstances subsequent to our inspection.

Inspectors:

Cathy DiNardo

Name

707

Inspector #

Management
Planner:

Cathy DiNardo

Name

Cathy DiNardo

Signature

National Asbestos & Environmental Training Institute

22968

CERTIFICATE OF COMPLETION

AHERA/EPA Accredited Per 40 CFR Part 763
Asbestos Accreditation under TSCA Title II

Cathy DiNardo

This is to certify that

Successfully completed the course entitled

**1/2-Day EPA/AHERA Asbestos Building Inspector Annual Refresher on
March 23, 2009**

Expiration Date on March 23, 2010

Deirdre L. Adler
President, NAETI

Per 10 NYCRR Part 73.2 (L) (1), DOH 2832 Certificate of Completion of Asbestos
Safety Training is the only official record of training for N.Y.S. students.

Language: English

ABIH 1/2 CM POINT

3321 Doris Avenue, Building B, Ocean, NJ 07712

Phone (732) 531-5571

Fax (732) 531-5956

www.naeti.com

22980

National Asbestos & Environmental Training Institute

CERTIFICATE OF COMPLETION

AHERA/EPA Accredited Per 40 CFR Part 763
Asbestos Accreditation under TSCA Title II


This is to certify that

Cathy DiNardo

Successfully completed the course entitled

**1/2-Day EPA/AHERA Asbestos Management Planner Annual Refresher on
March 23, 2009**

Expiration Date on March 23, 2010


Doris L. Adler
President, NAETI

Per 10 NYCRR Part 73.2 (L) (1), DOH 2832 Certificate of Completion of Asbestos
Safety Training is the only official record of training for N.Y.S. students.

Language: English

ABIH 1/2 CM POINT

3321 Doris Avenue, Building E, Ocean, NJ 07712

Phone (732) 531-5571

Fax (732) 531-5956

www.naeti.com

PERIODIC SURVEILLANCE

ERM# 1023-294

RESPONSIBLE GOVERNING AUTHORITY:

West New York Board of Ed.

FACILITY/BUILDING:

Harry Bains School

DATE OF CONSTRUCTION:

HOMOGENEOUS ID#: S/A

02A

MATERIAL DESCRIPTION:

Mastic assoc/w 12x12 tan tread floor tile

FOOTAGE:

450

ROOM/FUNCTIONAL SPACE:

Woodshop

HAS PREVIOUS RESPONSE ACTION BEEN COMPLETED? Y

IS MATERIAL DAMAGED? N

IS MATERIAL FRIABLE? N

<u>TYPE DAMAGE</u>	<u>AMOUNT</u>	<u>LOCATIONS</u>	<u>TYPE DAMAGE</u>	<u>AMOUNT</u>	<u>LOCATIONS</u>
		sf			sf
		sf			sf
		sf			sf
		sf			sf
		sf			sf

IS THERE DEBRIS PRESENT? N LOCATION:

COMMENTS:

INSPECTOR 1: C. DiNardo

INSPECTOR 2:

DATE: 2/17/2010

RESPONSE ACTION UPDATE

DATE: 3/17/2010

☐ DAMAGED OR ☐ SIGNIFICANTLY DAMAGED
THERMAL SYSTEM INSULATION
☒ ACBM WITH POTENTIAL FOR DAMAGE

1. IS MATERIAL FRIABLE? N

☐ DAMAGED FRIABLE SURFACING ACM☐ ACBM WITH POTENTIAL FOR
SIGNIFICANT DAMAGE2. HAS MATERIAL BEEN N
COMPLETELY ABATED?☐ SIGNIFICANTLY DAMAGED FRIABLE
SURFACING ACM☐ ANY REMAINING FRIABLE ACBM OR
FRIABLE SUSPECTED ACBM☐ DAMAGED OR ☐ SIGNIFICANTLY DAMAGED
FRIABLE MISCELLANEOUS ACM

<u>RESPONSE</u> <u>ACTION UPDATE</u>	<u>DATE OF</u> <u>RESPONSE</u>	<u>FOOTAGE</u>	<u>LOCATIONS</u>
O&M	ON-GOING	450 sf	See above Room/Functional Space
		sf	
		sf	
		sf	
		sf	
		sf	

COMMENTS:

MANAGEMENT PLANNER NAME:

C. DiNardo

PERIODIC SURVEILLANCE

ERM# 1023-294

RESPONSIBLE GOVERNING AUTHORITY: West New York Board of Ed.	FACILITY/BUILDING: Harry Bains School	DATE OF CONSTRUCTION:
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HOMOGENEOUS ID#: S/A 04	MATERIAL DESCRIPTION: 12x12 Brown stone-look floor tile	FOOTAGE: 650
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ROOM/FUNCTIONAL SPACE:
Rm 313

HAS PREVIOUS RESPONSE ACTION BEEN COMPLETED? Y
IS MATERIAL DAMAGED? N
IS MATERIAL FRIABLE? N

<u>TYPE DAMAGE</u>	<u>AMOUNT</u>	<u>LOCATIONS</u>	<u>TYPE DAMAGE</u>	<u>AMOUNT</u>	<u>LOCATIONS</u>
		sf			sf
		sf			sf
		sf			sf
		sf			sf
		sf			sf

IS THERE DEBRIS PRESENT? N LOCATION:

COMMENTS:

INSPECTOR 1: C. DiNardo

INSPECTOR 2:

DATE: 2/17/2010

RESPONSE ACTION UPDATE

DATE: 3/17/2010

☐ DAMAGED OR ☐ SIGNIFICANTLY DAMAGED
THERMAL SYSTEM INSULATION

☒ ACBM WITH POTENTIAL FOR DAMAGE

1. IS MATERIAL FRIABLE? N

☐ DAMAGED FRIABLE SURFACING ACM☐ ACBM WITH POTENTIAL FOR
SIGNIFICANT DAMAGE2. HAS MATERIAL BEEN N
COMPLETELY ABATED?☐ SIGNIFICANTLY DAMAGED FRIABLE
SURFACING ACM☐ ANY REMAINING FRIABLE ACBM OR
FRIABLE SUSPECTED ACBM☐ DAMAGED OR ☐ SIGNIFICANTLY DAMAGED
FRIABLE MISCELLANEOUS ACM

<u>RESPONSE ACTION UPDATE</u>	<u>DATE OF RESPONSE</u>	<u>FOOTAGE</u>	<u>LOCATIONS</u>
O&M	ON-GOING	650 sf	See above Room/Functional Space
		sf	
		sf	
		sf	
		sf	
		sf	

COMMENTS:

MANAGEMENT PLANNER NAME:

C. DiNardo

PERIODIC SURVEILLANCE

ERM# 1023-294

RESPONSIBLE GOVERNING AUTHORITY:

West New York Board of Ed.

FACILITY/BUILDING:

Harry Bains School

DATE OF CONSTRUCTION:

HOMOGENEOUS ID#: S/A

05

S

MATERIAL DESCRIPTION:

9x9 Tan/blue spot floor tile

FOOTAGE:

625

ROOM/FUNCTIONAL SPACE:

Rms 101

HAS PREVIOUS RESPONSE ACTION BEEN COMPLETED? Y

IS MATERIAL DAMAGED? N

IS MATERIAL FRIABLE? N

<u>TYPE</u>	<u>DAMAGE</u>	<u>AMOUNT</u>	<u>LOCATIONS</u>	<u>TYPE</u>	<u>DAMAGE</u>	<u>AMOUNT</u>	<u>LOCATIONS</u>
			sf				sf
			sf				sf
			sf				sf
			sf				sf
			sf				sf

IS THERE DEBRIS PRESENT? N LOCATION:

COMMENTS: Rm. 101 now beneath new 12" tile

INSPECTOR 1: C. DiNardo

INSPECTOR 2:

DATE: 2/17/2010

RESPONSE ACTION UPDATE

DATE: 3/17/2010

☐ DAMAGED OR ☐ SIGNIFICANTLY DAMAGED
THERMAL SYSTEM INSULATION
☒ ACBM WITH POTENTIAL FOR DAMAGE

1. IS MATERIAL FRIABLE? N

☐ DAMAGED FRIABLE SURFACING ACM☐ ACBM WITH POTENTIAL FOR
SIGNIFICANT DAMAGE2. HAS MATERIAL BEEN N
COMPLETELY ABATED?
☐ SIGNIFICANTLY DAMAGED FRIABLE
SURFACING ACM
☐ ANY REMAINING FRIABLE ACBM OR
FRIABLE SUSPECTED ACBM
☐ DAMAGED OR ☐ SIGNIFICANTLY DAMAGED
FRIABLE MISCELLANEOUS ACM

<u>RESPONSE</u> <u>ACTION UPDATE</u>	<u>DATE OF</u> <u>RESPONSE</u>	<u>FOOTAGE</u>	<u>LOCATIONS</u>
O&M	ON-GOING	625 sf	See above Room/Functional Space
		sf	
		sf	
		sf	
		sf	
		sf	

COMMENTS:

MANAGEMENT PLANNER NAME:

C. DiNardo

PERIODIC SURVEILLANCE

ERM# 1023-294

RESPONSIBLE GOVERNING AUTHORITY: West New York Board of Ed.	FACILITY/BUILDING: Harry Bains School	DATE OF CONSTRUCTION:
--	--	-----------------------

HOMOGENEOUS ID#: S/A 05A	MATERIAL DESCRIPTION: S Mastic assoc/w 9x9 tan/blue spot floor tile	FOOTAGE: 625
-----------------------------	--	-----------------

ROOM/FUNCTIONAL SPACE:
Rms 101

HAS PREVIOUS RESPONSE ACTION BEEN COMPLETED? Y
IS MATERIAL DAMAGED? N
IS MATERIAL FRIABLE? N

TYPE DAMAGE	AMOUNT	LOCATIONS	TYPE DAMAGE	AMOUNT	LOCATIONS
		sf			sf
		sf			sf
		sf			sf
		sf			sf
		sf			sf

IS THERE DEBRIS PRESENT? N LOCATION:

COMMENTS:

INSPECTOR 1: C. DiNardo

INSPECTOR 2:

DATE: 2/17/2010

RESPONSE ACTION UPDATE

DATE: 3/17/2010

☐ DAMAGED OR ☐ SIGNIFICANTLY DAMAGED
THERMAL SYSTEM INSULATION

☒ ACBM WITH POTENTIAL FOR DAMAGE

1. IS MATERIAL FRIABLE? N

☐ DAMAGED FRIABLE SURFACING ACM☐ ACBM WITH POTENTIAL FOR
SIGNIFICANT DAMAGE2. HAS MATERIAL BEEN N
COMPLETELY ABATED?

☐ SIGNIFICANTLY DAMAGED FRIABLE
SURFACING ACM

☐ ANY REMAINING FRIABLE ACBM OR
FRIABLE SUSPECTED ACBM

☐ DAMAGED OR ☐ SIGNIFICANTLY DAMAGED
FRIABLE MISCELLANEOUS ACM

RESPONSE ACTION UPDATE	DATE OF RESPONSE	FOOTAGE	LOCATIONS
O&M	ON-GOING	625 sf	See above Room/Functional Space
		sf	
		sf	
		sf	
		sf	
		sf	

COMMENTS:

MANAGEMENT PLANNER NAME:

C. DiNardo

PERIODIC SURVEILLANCE

ERM# 1023-294

RESPONSIBLE GOVERNING AUTHORITY: West New York Board of Ed.	FACILITY/BUILDING: Harry Bains School	DATE OF CONSTRUCTION:
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HOMOGENEOUS ID#: S/A 06A	MATERIAL DESCRIPTION: A Mastic assoc/w 9x9 olive floor tile	FOOTAGE: 100
-----------------------------	--	-----------------

ROOM/FUNCTIONAL SPACE:
Rm 101, library

HAS PREVIOUS RESPONSE ACTION BEEN COMPLETED? Y
IS MATERIAL DAMAGED? N
IS MATERIAL FRIABLE? N

<u>TYPE DAMAGE</u>	<u>AMOUNT</u>	<u>LOCATIONS</u>	<u>TYPE DAMAGE</u>	<u>AMOUNT</u>	<u>LOCATIONS</u>
	sf			sf	
	sf			sf	
	sf			sf	
	sf			sf	
	sf			sf	

IS THERE DEBRIS PRESENT? N LOCATION:

COMMENTS:

INSPECTOR 1: C. DiNardo

INSPECTOR 2:

DATE: 2/17/2010

RESPONSE ACTION UPDATE

DATE: 3/17/2010

☐ DAMAGED OR ☐ SIGNIFICANTLY DAMAGED
THERMAL SYSTEM INSULATION

☒ ACBM WITH POTENTIAL FOR DAMAGE

1. IS MATERIAL FRIABLE? N

☐ DAMAGED FRIABLE SURFACING ACM

☐ ACBM WITH POTENTIAL FOR
SIGNIFICANT DAMAGE

2. HAS MATERIAL BEEN N
COMPLETELY ABATED?

☐ SIGNIFICANTLY DAMAGED FRIABLE
SURFACING ACM

☐ ANY REMAINING FRIABLE ACBM OR
FRIABLE SUSPECTED ACBM

☐ DAMAGED OR ☐ SIGNIFICANTLY DAMAGED
FRIABLE MISCELLANEOUS ACM

<u>RESPONSE ACTION UPDATE</u>	<u>DATE OF RESPONSE</u>	<u>FOOTAGE</u>	<u>LOCATIONS</u>
O&M	ON-GOING	100 sf	See above Room/Functional Space
		sf	
		sf	
		sf	
		sf	
		sf	

COMMENTS:

MANAGEMENT PLANNER NAME:

C. DiNardo

PERIODIC SURVEILLANCE

ERM# 1023-294

RESPONSIBLE GOVERNING AUTHORITY: West New York Board of Ed.	FACILITY/BUILDING: Harry Bains School	DATE OF CONSTRUCTION:
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HOMOGENEOUS ID#: S/A 08A	MATERIAL DESCRIPTION: S Mastic assoc/w 9x9 rust spot floor tile	FOOTAGE: 100
-----------------------------	--	-----------------

ROOM/FUNCTIONAL SPACE:
Office storage (now Guidance)

HAS PREVIOUS RESPONSE ACTION BEEN COMPLETED? Y
IS MATERIAL DAMAGED? N
IS MATERIAL FRIABLE? N

TYPE DAMAGE	AMOUNT	LOCATIONS	TYPE DAMAGE	AMOUNT	LOCATIONS

IS THERE DEBRIS PRESENT? N LOCATION:

COMMENTS: Material is beneath new 12" tile

INSPECTOR 1: C. DiNardo

INSPECTOR 2:

DATE: 2/17/2010

RESPONSE ACTION UPDATE

DATE: 3/17/2010

☐ DAMAGED OR ☐ SIGNIFICANTLY DAMAGED
THERMAL SYSTEM INSULATION

☒ ACBM WITH POTENTIAL FOR DAMAGE

1. IS MATERIAL FRIABLE? N

☐ DAMAGED FRIABLE SURFACING ACM

☐ ACBM WITH POTENTIAL FOR
SIGNIFICANT DAMAGE

2. HAS MATERIAL BEEN N
COMPLETELY ABATED?

☐ SIGNIFICANTLY DAMAGED FRIABLE
SURFACING ACM

☐ ANY REMAINING FRIABLE ACBM OR
FRIABLE SUSPECTED ACBM

☐ DAMAGED OR ☐ SIGNIFICANTLY DAMAGED
FRIABLE MISCELLANEOUS ACM

RESPONSE ACTION UPDATE	DATE OF RESPONSE	FOOTAGE	LOCATIONS
O&M	ON-GOING	100 sf	See above Room/Functional Space

COMMENTS:

MANAGEMENT PLANNER NAME:

C. DiNardo

PERIODIC SURVEILLANCE

ERM# 1023-294

RESPONSIBLE GOVERNING AUTHORITY: West New York Board of Ed.	FACILITY/BUILDING: Harry Bains School	DATE OF CONSTRUCTION:
--	--	-----------------------

HOMOGENEOUS ID#: S/A MATERIAL DESCRIPTION: FOOTAGE:
15 S Ceiling plaster 12000

ROOM/FUNCTIONAL SPACE:
Throughout facility

HAS PREVIOUS RESPONSE ACTION BEEN COMPLETED? Y
IS MATERIAL DAMAGED? N
IS MATERIAL FRIABLE? Y

TYPE DAMAGE	AMOUNT	LOCATIONS	TYPE DAMAGE	AMOUNT	LOCATIONS
Physical	6 sf	Maintenance Hall (4sf), CST Rm (1sf), Comp. Lab Bsm't by window	Water	46 sf	Rm 302 (3sf), Rm 215 (2sf), Rm 309 (40sf), Aud (1sf)
Physical	19 sf	Girls Room by 110 (3sf-above drop), Balcony (8sf), Aud. Lobby (8sf)	Water	8 sf	2nd fl. entrance by Aud. (3sf), Bsm't Teachers Supply (2sf), Sub-
Phys/Water	10 sf	Rm 107 (2sf), Rm 201 (3sf), Rm 218 (2sf), Rm 304 (1sf), Rm 105 (1sf), Rm 306A (2sf), Rm 305 (2sf), Large Gym (2sf)	Water	3 sf	Rm 214 (2sf), Rm 305 (1sf)
Physical	6 sf			sf	
Physical	5 sf	Stairs by Rm 304 (1sf), Stairs by Rm 302 (2sf), Rm 308 (2sf)		sf	

IS THERE DEBRIS PRESENT? Y LOCATION:

COMMENTS: see also lab results from US Testing No.5995

INSPECTOR 1: C. DiNardo

INSPECTOR 2:

DATE: 2/17/2010

RESPONSE ACTION UPDATE

DATE: 3/17/2010

☐ DAMAGED OR ☐ SIGNIFICANTLY DAMAGED
THERMAL SYSTEM INSULATION

☐ ACBM WITH POTENTIAL FOR DAMAGE

1. IS MATERIAL FRIABLE? Y

☒ DAMAGED FRIABLE SURFACING ACM

☐ ACBM WITH POTENTIAL FOR
SIGNIFICANT DAMAGE

2. HAS MATERIAL BEEN N
COMPLETELY ABATED?

☐ SIGNIFICANTLY DAMAGED FRIABLE
SURFACING ACM.

☐ ANY REMAINING FRIABLE ACBM OR
FRIABLE SUSPECTED ACBM

☐ DAMAGED OR ☐ SIGNIFICANTLY DAMAGED
FRIABLE MISCELLANEOUS ACM

RESPONSE ACTION UPDATE	DATE OF RESPONSE	FOOTAGE	LOCATIONS
O&M	ON-GOING	12000 sf	See above Room/Functional Space
Repair	9/10	103 sf	See all damage locations
Remove	ASAP	3 sf	Debris (311)
		sf	
		sf	
		sf	

COMMENTS:

MANAGEMENT PLANNER NAME:

C. DiNardo

PERIODIC SURVEILLANCE

ERM# 1023-294

RESPONSIBLE GOVERNING AUTHORITY: West New York Board of Ed.	FACILITY/BUILDING: Harry Bains School	DATE OF CONSTRUCTION:
HOMOGENEOUS ID#: S/A 16 S	MATERIAL DESCRIPTION: Aircell pipe insulation	FOOTAGE: 15

ROOM/FUNCTIONAL SPACE:

Sub-bsmt entrance, assumed in girls restroom-bench box, assumed in telephone rm-box bench

HAS PREVIOUS RESPONSE ACTION BEEN COMPLETED? Y

IS MATERIAL DAMAGED? N

IS MATERIAL FRIABLE? Y

<u>TYPE DAMAGE</u>	<u>AMOUNT</u>	<u>LOCATIONS</u>	<u>TYPE DAMAGE</u>	<u>AMOUNT</u>	<u>LOCATIONS</u>
	If			If	
	If			If	
	If			If	
	If			If	
	If			If	

IS THERE DEBRIS PRESENT?N LOCATION:

COMMENTS:

INSPECTOR 1: C. DiNardo

INSPECTOR 2:

DATE: 2/17/2010

RESPONSE ACTION UPDATE

DATE: 3/17/2010

☐ DAMAGED OR ☐ SIGNIFICANTLY DAMAGED
THERMAL SYSTEM INSULATION
☒ ACBM WITH POTENTIAL FOR DAMAGE

1. IS MATERIAL FRIABLE?Y

☐ DAMAGED FRIABLE SURFACING ACM☐ ACBM WITH POTENTIAL FOR
SIGNIFICANT DAMAGE2. HAS MATERIAL BEEN N
COMPLETELY ABATED?☐ SIGNIFICANTLY DAMAGED FRIABLE
SURFACING ACM☐ ANY REMAINING FRIABLE ACBM OR
FRIABLE SUSPECTED ACBM☐ DAMAGED OR ☐ SIGNIFICANTLY DAMAGED
FRIABLE MISCELLANEOUS ACM

<u>RESPONSE</u>	<u>DATE OF</u>	<u>FOOTAGE</u>	<u>LOCATIONS</u>
<u>ACTION UPDATE</u>	<u>RESPONSE</u>		
O&M	ON-GOING	15 lf	See above Room/Functional Space
		If	
		If	
		If	
		If	
		If	

COMMENTS:

MANAGEMENT PLANNER NAME:

C. DiNardo

PERIODIC SURVEILLANCE

ERM# 1023-294

RESPONSIBLE GOVERNING AUTHORITY:
West New York Board of Ed.

FACILITY/BUILDING:
Harry Bains School

DATE OF CONSTRUCTION:

HOMOGENEOUS ID#: S/A MATERIAL DESCRIPTION:
20 A Lab table tops

FOOTAGE:
80

ROOM/FUNCTIONAL SPACE:
Room 301

HAS PREVIOUS RESPONSE ACTION BEEN COMPLETED? Y
IS MATERIAL DAMAGED? N
IS MATERIAL FRIABLE? N

TYPE DAMAGE	AMOUNT	LOCATIONS	TYPE DAMAGE	AMOUNT	LOCATIONS
	sf			sf	
	sf			sf	
	sf			sf	
	sf			sf	
	sf			sf	

IS THERE DEBRIS PRESENT? N LOCATION:

COMMENTS:

INSPECTOR 1: C. DiNardo

INSPECTOR 2:

DATE: 2/17/2010

RESPONSE ACTION UPDATE

DATE: 3/17/2010

1. IS MATERIAL FRIABLE? N

2. HAS MATERIAL BEEN N
COMPLETELY ABATED?

☐ DAMAGED OR ☐ SIGNIFICANTLY DAMAGED
THERMAL SYSTEM INSULATION

☐ DAMAGED FRIABLE SURFACING ACM

☐ SIGNIFICANTLY DAMAGED FRIABLE
SURFACING ACM

☐ DAMAGED OR ☐ SIGNIFICANTLY DAMAGED
FRIABLE MISCELLANEOUS ACM

☒ ACBM WITH POTENTIAL FOR DAMAGE

☐ ACBM WITH POTENTIAL FOR
SIGNIFICANT DAMAGE

☐ ANY REMAINING FRIABLE ACBM OR
FRIABLE SUSPECTED ACBM

RESPONSE ACTION UPDATE	DATE OF RESPONSE	FOOTAGE	LOCATIONS
O&M	ON-GOING	80 sf	See above Room/Functional Space
		sf	
		sf	
		sf	
		sf	
		sf	

COMMENTS:

MANAGEMENT PLANNER NAME:

C. DiNardo

PERIODIC SURVEILLANCE

ERM# 1023-294

RESPONSIBLE GOVERNING AUTHORITY: West New York Board of Ed.	FACILITY/BUILDING: Harry Bains School	DATE OF CONSTRUCTION:
--	--	-----------------------

HOMOGENEOUS ID#: S/A	MATERIAL DESCRIPTION:	FOOTAGE:
21 A	Vibration collar	21

ROOM/FUNCTIONAL SPACE:
Basement storage 3, Basement-Power rm

HAS PREVIOUS RESPONSE ACTION BEEN COMPLETED? Y
IS MATERIAL DAMAGED? N
IS MATERIAL FRIABLE? N

<u>TYPE DAMAGE</u>	<u>AMOUNT</u>	<u>LOCATIONS</u>	<u>TYPE DAMAGE</u>	<u>AMOUNT</u>	<u>LOCATIONS</u>
		sf			sf
		sf			sf
		sf			sf
		sf			sf
		sf			sf

IS THERE DEBRIS PRESENT? N LOCATION:

COMMENTS:

INSPECTOR 1: C. DiNardo

INSPECTOR 2:

DATE: 2/17/2010

RESPONSE ACTION UPDATE

DATE: 3/17/2010

☐ DAMAGED OR ☐ SIGNIFICANTLY DAMAGED
THERMAL SYSTEM INSULATION

☒ ACBM WITH POTENTIAL FOR DAMAGE

1. IS MATERIAL FRIABLE? N

☐ DAMAGED FRIABLE SURFACING ACM☐ ACBM WITH POTENTIAL FOR
SIGNIFICANT DAMAGE2. HAS MATERIAL BEEN N
COMPLETELY ABATED?

☐ SIGNIFICANTLY DAMAGED FRIABLE
SURFACING ACM

☐ ANY REMAINING FRIABLE ACBM OR
FRIABLE SUSPECTED ACBM

☐ DAMAGED OR ☐ SIGNIFICANTLY DAMAGED
FRIABLE MISCELLANEOUS ACM

<u>RESPONSE</u> <u>ACTION UPDATE</u>	<u>DATE OF</u> <u>RESPONSE</u>	<u>FOOTAGE</u>	<u>LOCATIONS</u>
O&M	ON-GOING	21 sf	See above Room/Functional Space
		sf	
		sf	
		sf	
		sf	
		sf	

COMMENTS:

MANAGEMENT PLANNER NAME:

C. DiNardo

ERM# 1023-294

C DiNardo

PERIODIC SURVEILLANCE

ERM# 1023-294

RESPONSIBLE GOVERNING AUTHORITY:

West New York Board of Ed.

FACILITY/BUILDING:

Harry Bains School

DATE OF CONSTRUCTION:

HOMOGENEOUS ID#: S/A

26

MATERIAL DESCRIPTION:

Chalkboards/bulletin boards

FOOTAGE:

2000

ROOM/FUNCTIONAL SPACE:

Throughout facility

HAS PREVIOUS RESPONSE ACTION BEEN COMPLETED? Y

IS MATERIAL DAMAGED? N

IS MATERIAL FRIABLE? N

<u>TYPE DAMAGE</u>	<u>AMOUNT</u>	<u>LOCATIONS</u>	<u>TYPE DAMAGE</u>	<u>AMOUNT</u>	<u>LOCATIONS</u>
	sf			sf	
	sf			sf	
	sf			sf	
	sf			sf	
	sf			sf	

IS THERE DEBRIS PRESENT?

LOCATION:

COMMENTS:

INSPECTOR 1: C DiNardo

INSPECTOR 2:

DATE: 2/17/2010

RESPONSE ACTION UPDATE

DATE: 3/17/2010

☐ DAMAGED OR ☐ SIGNIFICANTLY DAMAGED
THERMAL SYSTEM INSULATION
☐ ACBM WITH POTENTIAL FOR DAMAGE

1. IS MATERIAL FRIABLE? N

☐ DAMAGED FRIABLE SURFACING ACM☐ ACBM WITH POTENTIAL FOR
SIGNIFICANT DAMAGE2. HAS MATERIAL BEEN N
COMPLETELY ABATED?
☐ SIGNIFICANTLY DAMAGED FRIABLE
SURFACING ACM
☐ ANY REMAINING FRIABLE ACBM OR
FRIABLE SUSPECTED ACBM
☐ DAMAGED OR ☐ SIGNIFICANTLY DAMAGED
FRIABLE MISCELLANEOUS ACM

<u>RESPONSE</u>	<u>DATE OF</u>	<u>FOOTAGE</u>	<u>LOCATIONS</u>
<u>ACTION UPDATE</u>	<u>RESPONSE</u>		
O&M	Ongoing	2000 sf	Throughout facility
		sf	
		sf	
		sf	
		sf	
		sf	

COMMENTS:

Recommend sampling prior to implementation of Response Action.

MANAGEMENT PLANNER NAME:

C DiNardo

PERIODIC SURVEILLANCE

ERM# 1023-294

RESPONSIBLE GOVERNING AUTHORITY: West New York Board of Ed.	FACILITY/BUILDING: Harry Bains School	DATE OF CONSTRUCTION:
--	--	-----------------------

HOMOGENEOUS ID#: S/A 27	MATERIAL DESCRIPTION: A Mastic assoc/w chalkboards/bulletin boards	FOOTAGE: 2000
----------------------------	---	------------------

ROOM/FUNCTIONAL SPACE:
Throughout facility

HAS PREVIOUS RESPONSE ACTION BEEN COMPLETED? Y
IS MATERIAL DAMAGED? N
IS MATERIAL FRIABLE? N

<u>TYPE DAMAGE</u>	<u>AMOUNT</u>	<u>LOCATIONS</u>	<u>TYPE DAMAGE</u>	<u>AMOUNT</u>	<u>LOCATIONS</u>
	sf			sf	
	sf			sf	
	sf			sf	
	sf			sf	
	sf			sf	

IS THERE DEBRIS PRESENT? LOCATION:

COMMENTS:

INSPECTOR 1: C DiNardo

INSPECTOR 2:

DATE: 2/17/2010

RESPONSE ACTION UPDATE

DATE: 3/17/2010

☐ DAMAGED OR ☐ SIGNIFICANTLY DAMAGED
THERMAL SYSTEM INSULATION

☐ ACBM WITH POTENTIAL FOR DAMAGE

1. IS MATERIAL FRIABLE? N

☐ DAMAGED FRIABLE SURFACING ACM☐ ACBM WITH POTENTIAL FOR
SIGNIFICANT DAMAGE2. HAS MATERIAL BEEN N
COMPLETELY ABATED?☐ SIGNIFICANTLY DAMAGED FRIABLE
SURFACING ACM☐ ANY REMAINING FRIABLE ACBM OR
FRIABLE SUSPECTED ACBM☐ DAMAGED OR ☐ SIGNIFICANTLY DAMAGED
FRIABLE MISCELLANEOUS ACM

<u>RESPONSE ACTION UPDATE</u>	<u>DATE OF RESPONSE</u>	<u>FOOTAGE</u>	<u>LOCATIONS</u>
O&M	Ongoing	2000 sf	Throughout facility
		sf	
		sf	
		sf	
		sf	
		sf	

COMMENTS:

Recommend sampling prior to implementation of Response Action.

MANAGEMENT PLANNER NAME:

C DiNardo

PERIODIC SURVEILLANCE

ERM# 1023-294

RESPONSIBLE GOVERNING AUTHORITY:
West New York Board of Ed.

FACILITY/BUILDING:
Harry Bains School

DATE OF CONSTRUCTION:

HOMOGENEOUS ID#: S/A MATERIAL DESCRIPTION:
28 A Interior boiler materials

FOOTAGE:
20

ROOM/FUNCTIONAL SPACE:
Boiler Room

HAS PREVIOUS RESPONSE ACTION BEEN COMPLETED? Y
IS MATERIAL DAMAGED? N
IS MATERIAL FRIABLE? Y

<u>TYPE DAMAGE</u>	<u>AMOUNT</u>	<u>LOCATIONS</u>	<u>TYPE DAMAGE</u>	<u>AMOUNT</u>	<u>LOCATIONS</u>
	sf			sf	
	sf			sf	
	sf			sf	
	sf			sf	
	sf			sf	

IS THERE DEBRIS PRESENT? LOCATION:

COMMENTS:

INSPECTOR 1: C DiNardo

INSPECTOR 2:

DATE: 2/17/2010

RESPONSE ACTION UPDATE

DATE: 3/17/2010

1. IS MATERIAL FRIABLE? Y

2. HAS MATERIAL BEEN N
COMPLETELY ABATED?

☐ DAMAGED OR ☐ SIGNIFICANTLY DAMAGED
THERMAL SYSTEM INSULATION

☐ DAMAGED FRIABLE SURFACING ACM

☐ SIGNIFICANTLY DAMAGED FRIABLE
SURFACING ACM

☐ DAMAGED OR ☐ SIGNIFICANTLY DAMAGED
FRIABLE MISCELLANEOUS ACM

☐ ACBM WITH POTENTIAL FOR DAMAGE

☐ ACBM WITH POTENTIAL FOR
SIGNIFICANT DAMAGE

☐ ANY REMAINING FRIABLE ACBM OR
FRIABLE SUSPECTED ACBM

<u>RESPONSE</u> <u>ACTION UPDATE</u>	<u>DATE OF</u> <u>RESPONSE</u>	<u>FOOTAGE</u>	<u>LOCATIONS</u>
O&M	Ongoing	20 sf	Throughout facility
		sf	
		sf	
		sf	
		sf	
		sf	

COMMENTS:

Recommend sampling prior to implementation of Response Action.

MANAGEMENT PLANNER NAME:

C DiNardo

NEW JERSEY STATE DEPARTMENT OF HEALTH

ASBESTOS CONTROL SERVICE

CN 360, TRENTON, NJ 08625-0360

FOR STATE USE ONLY

ASBESTOS MANAGEMENT PLAN -- HOMOGENEOUS MATERIAL IDENTIFICATION

CLIENT NAME: West New York Board of Ed.
BUILDING ASSESSED: Harry Bains School

HOMOGENOUS ID#: 01 [X] SAMPLED [] ASSUMED	HOMOGENOUS ID#: 01A [X] SAMPLED [] ASSUMED	HOMOGENOUS ID#: 02 [X] SAMPLED [] ASSUMED	HOMOGENOUS ID#: 02A [X] SAMPLED [] ASSUMED	HOMOGENOUS ID#: 03 [X] SAMPLED [] ASSUMED
DESCRIPTION OF MATERIAL: 12x12 Tan/peach floor tile	DESCRIPTION OF MATERIAL: Mastic assoc/w 12x12 tan/peach floor tile	DESCRIPTION OF MATERIAL: 12x12 Tan tread floor tile	DESCRIPTION OF MATERIAL: Mastic assoc/w 12x12 tan tread floor tile	DESCRIPTION OF MATERIAL: 12x12 Tan w/brown & white streak floor tile
[] ASBESTOS [X] NON-ASBESTOS	[] ASBESTOS [X] NON-ASBESTOS	[] ASBESTOS [X] NON-ASBESTOS	[X] ASBESTOS [] NON-ASBESTOS	[] ASBESTOS [X] NON-ASBESTOS
LIST ALL LOCATIONS: 2nd Floor - kitchen	LIST ALL LOCATIONS: 2nd floor - kitchen	LIST ALL LOCATIONS: Woodshop	LIST ALL LOCATIONS: Woodshop	LIST ALL LOCATIONS: Bsmt-ar, main office, foyer to kindergarten, kindergarten closets
TOTAL APPROX FOOTAGE 150 sf	TOTAL APPROX FOOTAGE 150 sf	TOTAL APPROX FOOTAGE 450 sf	TOTAL APPROX FOOTAGE 450 sf	TOTAL APPROX FOOTAGE 1620 sf
% DAMAGE OF TOTAL	% DAMAGE OF TOTAL	% DAMAGE OF TOTAL	% DAMAGE OF TOTAL	% DAMAGE OF TOTAL
DAMAGE SEVERITY [] MAJOR [] MINOR [] SEVERE [] OCCASIONAL	DAMAGE SEVERITY [] MAJOR [] MINOR [] SEVERE [] OCCASIONAL	DAMAGE SEVERITY [] MAJOR [] MINOR [] SEVERE [] OCCASIONAL	DAMAGE SEVERITY [] MAJOR [] MINOR [] SEVERE [] OCCASIONAL	DAMAGE SEVERITY [] MAJOR [] MINOR [] SEVERE [] OCCASIONAL

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ASBESTOS MANAGEMENT PLAN -- HOMOGENEOUS MATERIAL IDENTIFICATION

CLIENT NAME: West New York Board of Ed.
BUILDING ASSESSED: Harry Bains School

HOMOGENOUS ID#: 03A	[X] SAMPLED [] ASSUMED	HOMOGENOUS ID#: 04	[X] SAMPLED [] ASSUMED	HOMOGENOUS ID#: 04A	[X] SAMPLED [] ASSUMED	HOMOGENOUS ID#: 05	[X] SAMPLED [] ASSUMED	HOMOGENOUS ID#: 05A	[X] SAMPLED [] ASSUMED
DESCRIPTION OF MATERIAL: Mastic assoc/w 12x12 Tan w/brown & white streak floor tile		DESCRIPTION OF MATERIAL: 12x12 Brown stone-look floor tile		DESCRIPTION OF MATERIAL: Mastic assoc/w 12x12 brown stone-look floor tile		DESCRIPTION OF MATERIAL: 9x9 Tan/blue spot floor tile		DESCRIPTION OF MATERIAL: Mastic assoc/w 9x9 tan/blue spot floor tile	
[] ASBESTOS [X] NON-ASBESTOS		[X] ASBESTOS [] NON-ASBESTOS		[] ASBESTOS [X] NON-ASBESTOS		[X] ASBESTOS [] NON-ASBESTOS		[X] ASBESTOS [] NON-ASBESTOS	
LIST ALL LOCATIONS: Bsmt-art, main office, foyer to kindergarten, kindergarten closets		LIST ALL LOCATIONS: Rm 313		LIST ALL LOCATIONS: Rm 313		LIST ALL LOCATIONS: Rms 101		LIST ALL LOCATIONS: Rms 101	
TOTAL APPROX FOOTAGE 1620 sf		TOTAL APPROX FOOTAGE 650 sf		TOTAL APPROX FOOTAGE 650 sf		TOTAL APPROX FOOTAGE 625 sf		TOTAL APPROX FOOTAGE 625 sf	
% DAMAGE OF TOTAL		% DAMAGE OF TOTAL		% DAMAGE OF TOTAL		% DAMAGE OF TOTAL		% DAMAGE OF TOTAL	
DAMAGE SEVERITY [] MAJOR [] MINOR [] SEVERE [] OCCASIONAL		DAMAGE SEVERITY [] MAJOR [] MINOR [] SEVERE [] OCCASIONAL		DAMAGE SEVERITY [] MAJOR [] MINOR [] SEVERE [] OCCASIONAL		DAMAGE SEVERITY [] MAJOR [] MINOR [] SEVERE [] OCCASIONAL		DAMAGE SEVERITY [] MAJOR [] MINOR [] SEVERE [] OCCASIONAL	

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ASBESTOS MANAGEMENT PLAN -- HOMOGENEOUS MATERIAL IDENTIFICATION

CLIENT NAME: West New York Board of Ed.
BUILDING ASSESSED: Harry Bains School

HOMOGENEOUS ID#: 06 [X] SAMPLED [] ASSUMED DESCRIPTION OF MATERIAL: 9x9 Olive floor tile	HOMOGENEOUS ID#: 06A [] SAMPLED [X] ASSUMED DESCRIPTION OF MATERIAL: Mastic assoc/w 9x9 olive floor tile	HOMOGENEOUS ID#: 07 [X] SAMPLED [] ASSUMED DESCRIPTION OF MATERIAL: 9x9 Dark brown floor tile	HOMOGENEOUS ID#: 07A [X] SAMPLED [] ASSUMED DESCRIPTION OF MATERIAL: Mastic assoc/w 9x9 dark brown floor tile	HOMOGENEOUS ID#: 08 [] SAMPLED [] ASSUMED DESCRIPTION OF MATERIAL: 9x9 Rust spot floor tile
[] ASBESTOS [X] NON-ASBESTOS	[X] ASBESTOS [] NON-ASBESTOS	[] ASBESTOS [X] NON-ASBESTOS	[] ASBESTOS [X] NON-ASBESTOS	[] ASBESTOS [] NON-ASBESTOS
LIST ALL LOCATIONS: Rm 101, library	LIST ALL LOCATIONS: Rm 101, library	LIST ALL LOCATIONS: Rm 101	LIST ALL LOCATIONS: Rm 101	LIST ALL LOCATIONS: Office restroom Material is no longer present
TOTAL APPROX FOOTAGE 100 sf TOTAL DAMAGE % DAMAGE SEVERITY [] MAJOR [] MINOR [] SEVERE [] OCCASIONAL	TOTAL APPROX FOOTAGE 100 sf TOTAL DAMAGE % DAMAGE SEVERITY [] MAJOR [] MINOR [] SEVERE [] OCCASIONAL	TOTAL APPROX FOOTAGE 100 sf TOTAL DAMAGE % DAMAGE SEVERITY [] MAJOR [] MINOR [] SEVERE [] OCCASIONAL	TOTAL APPROX FOOTAGE 100 sf TOTAL DAMAGE % DAMAGE SEVERITY [] MAJOR [] MINOR [] SEVERE [] OCCASIONAL	TOTAL APPROX FOOTAGE 100 sf TOTAL DAMAGE % DAMAGE SEVERITY [] MAJOR [] MINOR [] SEVERE [X] OCCASIONAL

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ASBESTOS MANAGEMENT PLAN -- HOMOGENEOUS MATERIAL IDENTIFICATION

CLIENT NAME: West New York Board of Ed.
BUILDING ASSESSED: Harry Bains School

<p>HOMOGENOUS ID#: 08A</p> <p><input checked="" type="checkbox"/> SAMPLED <input type="checkbox"/> ASSUMED</p> <p>DESCRIPTION OF MATERIAL: Mastic assoc/w 9x9 rust spot floor tile</p>	<p>HOMOGENOUS ID#: 09</p> <p><input checked="" type="checkbox"/> SAMPLED <input type="checkbox"/> ASSUMED</p> <p>DESCRIPTION OF MATERIAL: 12x12 Tan floor tile</p>	<p>HOMOGENOUS ID#: 09A</p> <p><input checked="" type="checkbox"/> SAMPLED <input type="checkbox"/> ASSUMED</p> <p>DESCRIPTION OF MATERIAL: Mastic assoc/w 12x12 tan floor tile</p>	<p>HOMOGENOUS ID#: 10</p> <p><input checked="" type="checkbox"/> SAMPLED <input type="checkbox"/> ASSUMED</p> <p>DESCRIPTION OF MATERIAL: Brown linoleum</p>	<p>HOMOGENOUS ID#: 10A</p> <p><input checked="" type="checkbox"/> SAMPLED <input type="checkbox"/> ASSUMED</p> <p>DESCRIPTION OF MATERIAL: Mastic assoc/w brown linoleum</p>
<p><input checked="" type="checkbox"/> ASBESTOS <input type="checkbox"/> NON-ASBESTOS</p> <p>LIST ALL LOCATIONS: Office storage (now Guidance)</p>	<p><input type="checkbox"/> ASBESTOS <input checked="" type="checkbox"/> NON-ASBESTOS</p> <p>LIST ALL LOCATIONS: Nurse</p>	<p><input type="checkbox"/> ASBESTOS <input checked="" type="checkbox"/> NON-ASBESTOS</p> <p>LIST ALL LOCATIONS: Nurse</p>	<p><input type="checkbox"/> ASBESTOS <input checked="" type="checkbox"/> NON-ASBESTOS</p> <p>LIST ALL LOCATIONS: Library, old Board of Ed - office hall</p>	<p><input type="checkbox"/> ASBESTOS <input checked="" type="checkbox"/> NON-ASBESTOS</p> <p>LIST ALL LOCATIONS: Library, old Board of Ed - office hall</p>
<p>TOTAL APPROX FOOTAGE 100 sf</p> <p>% DAMAGE OF TOTAL</p> <p>DAMAGE SEVERITY <input type="checkbox"/> MAJOR <input type="checkbox"/> SEVERE <input type="checkbox"/> MINOR <input type="checkbox"/> OCCASIONAL</p>	<p>TOTAL APPROX FOOTAGE 300 sf</p> <p>% DAMAGE OF TOTAL</p> <p>DAMAGE SEVERITY <input type="checkbox"/> MAJOR <input type="checkbox"/> SEVERE <input type="checkbox"/> MINOR <input type="checkbox"/> OCCASIONAL</p>	<p>TOTAL APPROX FOOTAGE 300 sf</p> <p>% DAMAGE OF TOTAL</p> <p>DAMAGE SEVERITY <input type="checkbox"/> MAJOR <input type="checkbox"/> SEVERE <input type="checkbox"/> MINOR <input type="checkbox"/> OCCASIONAL</p>	<p>TOTAL APPROX FOOTAGE 1250 sf</p> <p>% DAMAGE OF TOTAL</p> <p>DAMAGE SEVERITY <input type="checkbox"/> MAJOR <input type="checkbox"/> SEVERE <input type="checkbox"/> MINOR <input type="checkbox"/> OCCASIONAL</p>	<p>TOTAL APPROX FOOTAGE 1250 sf</p> <p>% DAMAGE OF TOTAL</p> <p>DAMAGE SEVERITY <input type="checkbox"/> MAJOR <input type="checkbox"/> SEVERE <input type="checkbox"/> MINOR <input type="checkbox"/> OCCASIONAL</p>

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ASBESTOS MANAGEMENT PLAN -- HOMOGENEOUS MATERIAL IDENTIFICATION

CLIENT NAME: West New York Board of Ed.
BUILDING ASSESSED: Harry Bains School

HOMOGENOUS ID#: 11 DESCRIPTION OF MATERIAL: 2x4 Vertical wavy ceiling tile	HOMOGENOUS ID#: 12 DESCRIPTION OF MATERIAL: Trowell-on ceiling material	HOMOGENOUS ID#: 13 DESCRIPTION OF MATERIAL: Trowelled-on wall material	HOMOGENOUS ID#: 14 DESCRIPTION OF MATERIAL: Wall plaster	HOMOGENOUS ID#: 15 DESCRIPTION OF MATERIAL: Ceiling plaster
<input type="checkbox"/> ASBESTOS <input checked="" type="checkbox"/> NON-ASBESTOS LIST ALL LOCATIONS: Library, old Board of Ed office, kindergarten closets, 113, 115 restirn, 116 restirn	<input type="checkbox"/> ASBESTOS <input checked="" type="checkbox"/> NON-ASBESTOS LIST ALL LOCATIONS: Basement-storage, Basement- hallway	<input type="checkbox"/> ASBESTOS <input checked="" type="checkbox"/> NON-ASBESTOS LIST ALL LOCATIONS: Basement areas	<input type="checkbox"/> ASBESTOS <input checked="" type="checkbox"/> NON-ASBESTOS LIST ALL LOCATIONS: Throughout facility	<input checked="" type="checkbox"/> ASBESTOS <input type="checkbox"/> NON-ASBESTOS LIST ALL LOCATIONS: Throughout facility
TOTAL APPROX FOOTAGE 2750 sf TOTAL % DAMAGE OF TOTAL DAMAGE SEVERITY <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR <input type="checkbox"/> SEVERE <input type="checkbox"/> OCCASIONAL	TOTAL APPROX FOOTAGE 1800 sf TOTAL % DAMAGE OF TOTAL DAMAGE SEVERITY <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR <input type="checkbox"/> SEVERE <input type="checkbox"/> OCCASIONAL	TOTAL APPROX FOOTAGE 3000 sf TOTAL % DAMAGE OF TOTAL DAMAGE SEVERITY <input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR <input type="checkbox"/> SEVERE <input type="checkbox"/> OCCASIONAL	TOTAL APPROX FOOTAGE 26000 sf TOTAL % DAMAGE OF TOTAL DAMAGE SEVERITY <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR <input type="checkbox"/> SEVERE <input type="checkbox"/> OCCASIONAL	TOTAL APPROX FOOTAGE 12000 sf TOTAL % DAMAGE OF TOTAL DAMAGE SEVERITY <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR <input type="checkbox"/> SEVERE <input type="checkbox"/> OCCASIONAL

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CLIENT NAME: West New York Board of Ed.
BUILDING ASSESSED: Harry Bains School

HOMOGENOUS ID#: 16	[X] SAMPLED [] ASSUMED	HOMOGENOUS ID#: 18	[X] SAMPLED [] ASSUMED	HOMOGENOUS ID#: 18A	[X] SAMPLED [] ASSUMED	HOMOGENOUS ID#: 19	[X] SAMPLED [] ASSUMED	HOMOGENOUS ID#: 20	[] SAMPLED [X] ASSUMED
DESCRIPTION OF MATERIAL: Aircell pipe insulation		DESCRIPTION OF MATERIAL: Sheetrock		DESCRIPTION OF MATERIAL: Joint compound assoc/w sheetrock		DESCRIPTION OF MATERIAL: 2x2 Wavy ceiling tiles		DESCRIPTION OF MATERIAL: Lab table tops	
[X] ASBESTOS [] NON-ASBESTOS		[] ASBESTOS [X] NON-ASBESTOS		[] ASBESTOS [X] NON-ASBESTOS		[] ASBESTOS [X] NON-ASBESTOS		[X] ASBESTOS [] NON-ASBESTOS	
LIST ALL LOCATIONS: Sub-bsmt entrance, assumed in girls restroom-bench box, assumed in telephone rm-box bench		LIST ALL LOCATIONS: Maintenance shop, maintenance wood shop, Kindergarten rms, basement hall (patches)		LIST ALL LOCATIONS: Maintenance shop, maintenance woodshop, kindergarten rms		LIST ALL LOCATIONS: Vice principal's office (212)		LIST ALL LOCATIONS: Room 301	
TOTAL APPROX FOOTAGE	TOTAL APPROX DAMAGE	% DAMAGE OF TOTAL	TOTAL APPROX FOOTAGE	TOTAL APPROX DAMAGE	% DAMAGE OF TOTAL	TOTAL APPROX FOOTAGE	TOTAL APPROX DAMAGE	TOTAL APPROX FOOTAGE	% DAMAGE OF TOTAL
15 lf	If		2200 sf			200 sf		80 sf	
DAMAGE SEVERITY		DAMAGE SEVERITY		DAMAGE SEVERITY		DAMAGE SEVERITY		DAMAGE SEVERITY	
[] MAJOR	[] MINOR	[] MAJOR	[X] MINOR	[] MAJOR	[] MINOR	[] MAJOR	[] MINOR	[] MAJOR	[] MINOR
[] SEVERE	[] OCCASIONAL	[] SEVERE	[] OCCASIONAL	[] SEVERE	[] OCCASIONAL	[] SEVERE	[] OCCASIONAL	[] SEVERE	[] OCCASIONAL

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ASBESTOS MANAGEMENT PLAN -- HOMOGENEOUS MATERIAL IDENTIFICATION

CLIENT NAME: West New York Board of Ed.
BUILDING ASSESSED: Harry Bains School

<p>HOMOGENOUS ID#: 21</p> <p>DESCRIPTION OF MATERIAL: Vibration collar</p> <p>[] SAMPLED [X] ASSUMED</p>	<p>HOMOGENOUS ID#: 22</p> <p>DESCRIPTION OF MATERIAL: Boiler breeching</p> <p>[X] SAMPLED [] ASSUMED</p>	<p>HOMOGENOUS ID#: 23</p> <p>DESCRIPTION OF MATERIAL: Fittings assoc/w fiberglass pipe insulation</p> <p>[X] SAMPLED [] ASSUMED</p>	<p>HOMOGENOUS ID#: 24</p> <p>DESCRIPTION OF MATERIAL: Generator insulation (block)</p> <p>[X] SAMPLED [] ASSUMED</p>	<p>HOMOGENOUS ID#: 25</p> <p>DESCRIPTION OF MATERIAL: Assumed pipe in walls/above fixed ceilings</p> <p>[] SAMPLED [X] ASSUMED</p>
<p>[X] ASBESTOS [] NON-ASBESTOS</p> <p>LIST ALL LOCATIONS: Basement storage 3, Basement-Power rm</p>	<p>[] ASBESTOS [X] NON-ASBESTOS</p> <p>LIST ALL LOCATIONS: Boiler Room</p>	<p>[] ASBESTOS [X] NON-ASBESTOS</p> <p>LIST ALL LOCATIONS: Boiler room</p>	<p>[] ASBESTOS [X] NON-ASBESTOS</p> <p>LIST ALL LOCATIONS: Boiler room</p>	<p>[X] ASBESTOS [] NON-ASBESTOS</p> <p>LIST ALL LOCATIONS: Throughout facility</p>
<p>TOTAL APPROX FOOTAGE OF TOTAL</p> <p>21 sf</p> <p>% DAMAGE</p> <p>DAMAGE SEVERITY</p> <p>[] MAJOR [] MINOR [] SEVERE [] OCCASIONAL</p>	<p>TOTAL APPROX FOOTAGE OF TOTAL</p> <p>350 sf</p> <p>% DAMAGE</p> <p>DAMAGE SEVERITY</p> <p>[] MAJOR [X] MINOR [] SEVERE [] OCCASIONAL</p>	<p>TOTAL APPROX FOOTAGE OF TOTAL</p> <p>10 lf</p> <p>% DAMAGE</p> <p>DAMAGE SEVERITY</p> <p>[] MAJOR [X] MINOR [] SEVERE [] OCCASIONAL</p>	<p>TOTAL APPROX FOOTAGE OF TOTAL</p> <p>12 sf</p> <p>% DAMAGE</p> <p>DAMAGE SEVERITY</p> <p>[] MAJOR [] MINOR [] SEVERE [] OCCASIONAL</p>	<p>TOTAL APPROX FOOTAGE OF TOTAL</p> <p>% DAMAGE</p> <p>DAMAGE SEVERITY</p> <p>[] MAJOR [] MINOR [] SEVERE [] OCCASIONAL</p>

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ASBESTOS MANAGEMENT PLAN -- HOMOGENEOUS MATERIAL IDENTIFICATION

CLIENT NAME: West New York Board of Ed.
BUILDING ASSESSED: Harry Bains School

HOMOGENOUS ID#: 26 <input type="checkbox"/> SAMPLED <input checked="" type="checkbox"/> ASSUMED DESCRIPTION OF MATERIAL: Chalkboards/bulletin boards	HOMOGENOUS ID#: 27 <input type="checkbox"/> SAMPLED <input checked="" type="checkbox"/> ASSUMED DESCRIPTION OF MATERIAL: Mastic assoc/w chalkboards/bulletin boards	HOMOGENOUS ID#: 28 <input type="checkbox"/> SAMPLED <input checked="" type="checkbox"/> ASSUMED DESCRIPTION OF MATERIAL: Interior boiler materials
<input checked="" type="checkbox"/> ASBESTOS <input type="checkbox"/> NON-ASBESTOS LIST ALL LOCATIONS: Throughout facility	<input checked="" type="checkbox"/> ASBESTOS <input type="checkbox"/> NON-ASBESTOS LIST ALL LOCATIONS: Throughout facility	<input checked="" type="checkbox"/> ASBESTOS <input type="checkbox"/> NON-ASBESTOS LIST ALL LOCATIONS: Boiler Room
TOTAL APPROX FOOTAGE 2000 sf TOTAL APPROX DAMAGE OF TOTAL % DAMAGE SEVERITY <input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR <input type="checkbox"/> SEVERE <input type="checkbox"/> OCCASIONAL	TOTAL APPROX FOOTAGE 2000 sf TOTAL APPROX DAMAGE OF TOTAL % DAMAGE SEVERITY <input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR <input type="checkbox"/> SEVERE <input type="checkbox"/> OCCASIONAL	TOTAL APPROX FOOTAGE 20 sf TOTAL APPROX DAMAGE OF TOTAL % DAMAGE SEVERITY <input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR <input type="checkbox"/> SEVERE <input type="checkbox"/> OCCASIONAL

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ASBESTOS MANAGEMENT PLAN - SUMMARY OF LABORATORY SAMPLES

(A copy of the Chain of Custody form and Laboratory Analysis form for each sample MUST be included.)

Building Assessed: Harry L. Bain School

Sample Number	Name of Sample Collector	Type	Homo- geneous ID No.	Exact Location	Result		Lab ID Number	Date Collected	Date Analyzed	Manner To Determine Location**		Method of Analysis
					%	Type Asbestos						
5976	K. COSGROVE	2	HSA-6-1A	ROOM 220/313 BROWN FLOOR TILE	1-2	CHRYSO TILE	5976	09/26/88	10/02/88	B, C, D, E		PLM
5979	K. COSGROVE	2	HSA-6-2A	ROOM 212 CEILING TILE		NONE DETECTED	5979	09/26/88	10/02/88	B, C, D, E		PLM
5980	K. COSGROVE	2	HSA-6-2A	ROOM 212 CEILING TILE		NONE DETECTED	5980	09/26/88	10/02/88	B, C, D, E		PLM
5981	K. COSGROVE	2	HSA-6-2A	ROOM 212, CEILING TILE		NONE DETECTED	5981	09/26/88	10/03/88	B, C, D, E		PLM
5982	K. COSGROVE	2	HSA-6-3A	ROOM 101 TAN FLOOR TILE		NONE DETECTED	5982	09/26/88	10/02/88	B, C, D, E		PLM
5983	K. COSGROVE	2	HSA-6-3A	ROOM 102 TAN FLOOR TILE		NONE DETECTED	5983	09/26/88	10/02/88	B, C, D, E		PLM

* Type Codes:

- 1 - Air
- 2 - Bulk
- 3 - Surface

**Codes - Manner Used to Determine Sampling Location (List all reasons which apply for each sample):

- A - The total extent of each homogeneous area was analyzed
- B - The number of samples are as required
- C - The material at each selected location is representative of the homogenous area.
- D - The locations are Uniformly distributed throughout the homogenous area.
- E - The locations are randomly distributed throughout the homogenous area.
- F - Each location is reasonably accessible.

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ASBESTOS MANAGEMENT PLAN - SUMMARY OF LABORATORY SAMPLES

(A copy of the Chain of Custody form and Laboratory Analysis form for each sample MUST be included.)

Building Assessed: Harry L. Bain School

Sample Number	Name of Sample Collector	Type	Homo- geneous ID No.	Exact Location	Result		Lab ID Number	Collected	Date Analyzed	Manner To Determine Location**	Method of Analysis
					%	Type Asbestos					
5984	K. COSGROVE	2	HSA-6-3A	ROOM 114 TAN FLOOR TILE		NONE DETECTED	5984	09/26/88	10/02/88	B, C, D, E	PLM
5985	K. COSGROVE	2	HSA-6-3A	ROOM 115 TAN FLOOR TILE		NONE DETECTED	5985	09/26/88	10/03/88	B, C, D, E	PLM
5986	K. COSGROVE	2	HSA-6-3A	ROOM 116 TAN FLOOR TILE		NONE DETECTED	5986	09/26/88	10/03/88	B, C, D, E	PLM
5987	K. COSGROVE	2	HSA-6-3A	ROOM 113 TAN FLOOR TILE		NONE DETECTED	5987	09/26/88	10/02/88	B, C, D, E	PLM
5988	K. COSGROVE	2	HSA-6-3A	GENERAL OFFICE TAN FLOOR TILE		NONE DETECTED	5988	09/26/88	10/02/88	B, C, D, E	PLM
5989	K. COSGROVE	2	HSA-6-3B	ROOM 113 PLASTER		NONE DETECTED	5989	09/26/88	10/03/88	B, C, D, E	PLM

* Type Codes: **Codes - Manner Used to Determine Sampling Location (List all reasons which apply for each sample):

- 1 - Air
- 2 - Bulk
- 3 - Surface
- A - The total extent of each homogeneous area was analyzed
- B - The number of samples are as required
- C - The material at each selected location is representative of the homogenous area.
- D - The locations are Uniformly distributed throughout the homogenous area.
- E - The locations are randomly distributed throughout the homogenous area.
- F - Each location is reasonably accessible.

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ASBESTOS MANAGEMENT PLAN - SUMMARY OF LABORATORY SAMPLES

(A copy of the Chain of Custody form and Laboratory Analysis form for each sample MUST be included.)

Building Assessed: Harry L. Bain School

Sample Number	Name of Sample Collector	Type	Homo- geneous ID No.	Exact Location	%	Result Type Asbestos	Lab ID Number	Collected	Date Analyzed	Manner To Determine Location**	Method of Analysis
5990	K. COSGROVE	2	HSA-6-3B	ROOM 113 PLASTER		NONE DETECTED	5990	09/26/88	10/02/88	B, C, D, E	PLM
5991	K. COSGROVE	2	HSA-6-3B	ROOM 114 PLASTER		NONE DETECTED	5991	09/26/88	10/02/88	B, C, D, E	PLM
5992	K. COSGROVE	2	HSA-6-3B	ROOM 114 PLASTER		NONE DETECTED	5992	09/26/88	10/02/88	B, C, D, E	PLM
5993	K. COSGROVE	2	HSA-6-3B	ROOM 115 PLASTER		NONE DETECTED	5993	09/26/88	10/02/88	B, C, D, E	PLM
5994	K. COSGROVE	2	HSA-6-3B	ROOM 115 PLASTER		NONE DETECTED	5994	09/26/88	10/03/88	B, C, D, E	PLM
5995	K. COSGROVE	2	HSA-6-3B	ROOM 116 PLASTER		NONE DETECTED	5995	09/26/88	10/03/88	B, C, D, E	PLM

* Type Codes:

- 1 - Air
- 2 - Bulk
- 3 - Surface

**Codes - Manner Used to Determine Sampling Location (List all reasons which apply for each sample):

- A - The total extent of each homogeneous area was analyzed
- B - The number of samples are as required
- C - The material at each selected location is representative of the homogeneous area.
- D - The locations are Uniformly distributed throughout the homogeneous area.
- E - The locations are randomly distributed throughout the homogeneous area.
- F - Each location is reasonably accessible.

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ASBESTOS MANAGEMENT PLAN - SUMMARY OF LABORATORY SAMPLES

(A copy of the Chain of Custody form and Laboratory Analysis form for each sample MUST be included.)

Building Assessed: Harry L. Bain School

Sample Number	Name of Sample Collector	Type	Homo- geneous ID No.	Exact Location	Result		Lab ID Number	Collected	Date Analyzed	Manner To Determine Location**	Method of Analysis
					%	Type					
5997	K. COSGROVE	2	HSA-6-4A	FAN ROOM #1, AIR CELL INSULATION	20-25	CHRYSTOTILE	5997	09/26/88	10/02/88	B, C, D, E	PLM
5998	K. COSGROVE	2	HSA-6-4A	FAN ROOM #1, AIR CELL INSULATION	20-25	CHRYSTOTILE	5998	09/26/88	10/02/88	B, C, D, E	PLM

* Type Codes:

- 1 - Air
- 2 - Bulk
- 3 - Surface

**Codes - Manner Used to Determine Sampling Location (List all reasons which apply for each sample):

- A - The total extent of each homogeneous area was analyzed
- B - The number of samples are as required
- C - The material at each selected location is representative of the homogeneous area.
- D - The locations are Uniformly distributed throughout the homogeneous area.
- E - The locations are randomly distributed throughout the homogeneous area.
- F - Each location is reasonably accessible.

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BULK SAMPLE ANALYSIS

DATA SHEET # N^o 5976

PRIORITY: 24 Hrs. 48 Hrs. Other _____

A) Field Data:

Client: WNY BDE Client Submitted: _____
Date Collected: 9-26-88 Date Received: _____
Job Number: 154292

Sample Location: PS #6

Comments: 6-1A-1 Rm 200/313
brown floor tile

Name: K. Cosgrove Signature: K. Cosgrove

B) Lab Data:

Date Logged: 9-30-88 Time: 6:30 pm Date Analyzed: 10-02-88

Sample Procedure:

Mineral Oil • Cargille R.I.L. • Dried • Ashed • Pulverized • HCL • Bleach

Results:

1) Gross Sample Appearance _____
2) Asbestos Present yes
3) Type of Asbestos Chrysotile
4) Total Asbestos Present by Volume 1-2%

Observations: _____

Signature: Andrea Gadiro

Supervisor: AHL Date: 10/4/88

Comments: _____

BULK SAMPLE ANALYSIS

DATA SHEET # N^o 5979

PRIORITY: 24 Hrs. 48 Hrs. Other _____

A) Field Data:

Client: WNY BOE
Date Collected: 9-26-88
Job Number: 154292

Client Submitted: _____
Date Received: _____

Sample Location: PS #6

Comments: 6-2A-1 Rm 212
ceiling tile

Name: K. Cosgrove Signature: K. Cosgrove

B) Lab Data:

Date Logged: 9:30:88 Time: 6:30pm Date Analyzed: 10-2-88

Sample Procedure:

Mineral Oil • Cargille R.I.L. • Dried • Ashed • Pulverized • HCL • Bleach

Results:

- 1) Gross Sample Appearance _____
- 2) Asbestos Present None detected
- 3) Type of Asbestos _____
- 4) Total Asbestos Present by Volume _____

Observations: _____

Signature: Andrea Sabig

Supervisor: HWL Date: 10/4/88

Comments: _____

BULK SAMPLE ANALYSIS

DATA SHEET # N^o 5980

PRIORITY: 24 Hrs. 48 Hrs. Other _____

A) Field Data:

Client: WNY BOE
Date Collected: 9-26-88
Job Number: 154292

Client Submitted: _____
Date Received: _____

Sample Location: PS #6

Comments: 6-2A-2 Rm 212
ceiling tile

Name: K. Cosgrove Signature: K. Cosgrove

B) Lab Data:

Date Logged: 9-30-88 Time: 6:30pm Date Analyzed: 10-2-88

Sample Procedure:

Mineral Oil • Cargille R.I.L. • Dried • Ashed • Pulverized • HCL • Bleach

Results:

- 1) Gross Sample Appearance _____
- 2) Asbestos Present None detected
- 3) Type of Asbestos _____
- 4) Total Asbestos Present by Volume _____

Observations: _____

Signature: Andrea Sabino

Supervisor: HWSP Date: 10/4/88

Comments: _____

BULK SAMPLE ANALYSIS

DATA SHEET # N^o 5981

PRIORITY: 24 Hrs. 48 Hrs. Other _____

A) Field Data:

Client: WNY BOE
Date Collected: 9-26-88
Job Number: 154292

Client Submitted: _____
Date Received: _____

Sample Location: PS #6

Comments: 6-2A-3 Rm 212
ceiling tile

Name: K. Cosgrove Signature: K. Cosgrove

B) Lab Data:

Date Logged: 9.30.88 Time: 6:30 pm Date Analyzed: 10.03.88

Sample Procedure:

Mineral Oil • Cargille R.I.L. • Dried • Ashed • Pulverized • HCL • Bleach

Results:

- 1) Gross Sample Appearance _____
- 2) Asbestos Present None detected
- 3) Type of Asbestos _____
- 4) Total Asbestos Present by Volume _____

Observations: _____

Signature: Andrea Gadiu

Supervisor: AHWP Date: 10/4/88

Comments: _____

BULK SAMPLE ANALYSIS

DATA SHEET # N^o 5983

PRIORITY: 24 Hrs. 48 Hrs. Other _____

A) Field Data:

Client: WNY BOE
Date Collected: 9-26-88
Job Number: 154292

Client Submitted: _____
Date Received: _____

Sample Location: PS#6

Comments: 6-3A-2 mm 102
tan floor tile

Name: K. Cosgrove Signature: K. Cosgrove

B) Lab Data:

Date Logged: 9.30.88 Time: 6:30pm Date Analyzed: 10.02.88

Sample Procedure:

Mineral Oil • Cargille R.I.L. • Dried • Ashed • Pulverized • HCL • Bleach

Results:

- 1) Gross Sample Appearance _____
- 2) Asbestos Present None detected
- 3) Type of Asbestos _____
- 4) Total Asbestos Present by Volume _____

Observations: _____

Signature: Andrea Sadi

Supervisor: HWP Date: 10/4/88

Comments: _____

BULK SAMPLE ANALYSIS

DATA SHEET # N^o 5984

PRIORITY: 24 Hrs. 48 Hrs. Other _____

A) Field Data:

Client: WNY BOE
Date Collected: 9-26-88
Job Number: 154292

Client Submitted: _____
Date Received: _____

Sample Location: PS #6

Comments: 6-3A-3 rm 114
far floor tile

Name: K. Cosgrove Signature: K. Cosgrove

B) Lab Data:

Date Logged: 9.30.88 Time: 6:30pm Date Analyzed: 10.02.88

Sample Procedure:

Mineral Oil • Cargille R.I.L. • Dried • Asheo • Pulverized • HCL • Bleach

Results:

- 1) Gross Sample Appearance _____
- 2) Asbestos Present None detected
- 3) Type of Asbestos _____
- 4) Total Asbestos Present by Volume _____

Observations: _____

Signature: [Signature]

Supervisor: [Signature] Date: 10/4/88

Comments: _____

BULK SAMPLE ANALYSIS

DATA SHEET # N^o 5985

PRIORITY: 24 Hrs. 48 Hrs. Other _____

A) Field Data:

Client: UNY BOE
Date Collected: 9-26-88
Job Number: 154292

Client Submitted: _____
Date Received: _____

Sample Location: PS #6

Comments: 6-3A-4 pm 115
tan floor tiles

Name: K. Cosgrove Signature: K. Cosgrove

B) Lab Data:

Date Logged: 9-30-88 Time: 6:30pm Date Analyzed: 10-03-88

Sample Procedure:

Mineral Oil • Cargille R.I.L. • Dried • Ashed • Pulverized • HCL • Bleach

Results:

- 1) Gross Sample Appearance _____
- 2) Asbestos Present None detected
- 3) Type of Asbestos _____
- 4) Total Asbestos Present by Volume _____

Observations: _____

Signature: Andrew Sabig

Supervisor: 4/11/88 Date: 10/4/88

Comments: _____

BULK SAMPLE ANALYSIS

DATA SHEET # N^o 5986

PRIORITY: 24 Hrs. 48 Hrs. Other _____

A) Field Data:

Client: WNY BOE Client Submitted: _____

Date Collected: 9-26-88 Date Received: _____

Job Number: 154292

Sample Location: PS #6

Comments: 6-3A-5 rm 116

tan floor tile

Name: K. Cosgrove Signature: K. Cosgrove

B) Lab Data:

Date Logged: 9-30-88 Time: 6:30 pm Date Analyzed: 10 03 88

Sample Procedure:

Mineral Oil • Cargille R.I.L. • Dried • Ashed • Pulverized • HCl • Bleach

Results:

1) Gross Sample Appearance _____

2) Asbestos Present None detected

3) Type of Asbestos _____

4) Total Asbestos Present by Volume _____

Observations: _____

Signature: Andrea Gato

Supervisor: HWC Date: 10/4/88

Comments: _____

BULK SAMPLE ANALYSIS

DATA SHEET # N^o 5987

PRIORITY: 24 Hrs. 48 Hrs. Other _____

A) Field Data:

Client: WNY BOE
Date Collected: 9-26-88
Job Number: 154292

Client Submitted: _____
Date Received: _____

Sample Location: PS #6

Comments: 6-3A-6 rm 113
tan floor tile

Name: K. Cosgrove Signature: K. Cosgrove

B) Lab Data:

Date Logged: 9-30-88 Time: 6:30pm Date Analyzed: 10-02-88

Sample Procedure:

Mineral Oil • Cargille R.I.L. • Dried • Ashed • Pulverized • HCL • Bleach

Results:

- 1) Gross Sample Appearance _____
- 2) Asbestos Present None detected
- 3) Type of Asbestos _____
- 4) Total Asbestos Present by Volume _____

Observations: _____

Signature: [Signature]

Supervisor: [Signature] Date: 10/4/88

Comments: _____

BULK SAMPLE ANALYSIS

DATA SHEET # N^o 5988

PRIORITY: 24 Hrs. 48 Hrs. Other _____

A) Field Data:

Client: WNY BOE Client Submitted: _____
Date Collected: 9-26-88 Date Received: _____
Job Number: 154292

Sample Location: PS #6

Comments: 6-3A-7 general office
tan floor tile

Name: K. Cosgrove Signature: K. Cosgrove

B) Lab Data:

Date Logged: 9-30-88 Time: 6:30pm Date Analyzed: 10-02-88

Sample Procedure:

Mineral Oil • Cargille R.I.L. • Dried • Ashed • Pulverized • HCL • Bleach

Results:

- 1) Gross Sample Appearance _____
- 2) Asbestos Present None detected
- 3) Type of Asbestos _____
- 4) Total Asbestos Present by Volume _____

Observations: _____

Signature: Andrea Sabino

Supervisor: HWP Date: 10/4/88

Comments: _____

BULK SAMPLE ANALYSIS

DATA SHEET # N^o 5989

PRIORITY: 24 Hrs. 48 Hrs. Other _____

A) Field Data:

Client: WNY BOE Client Submitted: _____
Date Collected: 9-26-88 Date Received: _____
Job Number: 154292

Sample Location: PS#6

Comments: 6-3B-1 run 113
plaster

Name: K. Cosgrove Signature: K. Cosgrove

B) Lab Data:

Date Logged: 9.30.88 Time: 6:30pm Date Analyzed: 10.3.88

Sample Procedure:

Mineral Oil • Cargille R.I.L. • Dried • Ashed • Pulverized • HCL • Bleach

Results:

- 1) Gross Sample Appearance _____
- 2) Asbestos Present None Detected
- 3) Type of Asbestos _____
- 4) Total Asbestos Present by Volume _____

Observations: _____

Signature: Margaret Lynch

Supervisor: THW Date: 10/4/88

Comments: _____

BULK SAMPLE ANALYSIS

DATA SHEET # N^o 5990

PRIORITY: 24 Hrs. 48 Hrs. Other _____

A) Field Data:

Client: WNY BOE
Date Collected: 9-26-88
Job Number: 154292

Client Submitted: _____
Date Received: _____

Sample Location: PS #6

Comments: 6-3B-2 pm 113
plaster

Name: K. COSGROVE Signature: K. Cosgrove

B) Lab Data:

Date Logged: 9:30:88 Time: 6:30pm Date Analyzed: 10-02-88

Sample Procedure:

Mineral Oil • Cargille R.I.L. • Dried • Ashed • Pulverized • HCL • Bleach

Results:

- 1) Gross Sample Appearance _____
- 2) Asbestos Present None detected
- 3) Type of Asbestos _____
- 4) Total Asbestos Present by Volume —

Observations: _____

Signature: Andrea Sabin

Supervisor: GHSP Date: 10/4/88

Comments: _____

BULK SAMPLE ANALYSIS

DATA SHEET # N^o 5991

PRIORITY: 24 Hrs. 48 Hrs. Other _____

A) Field Data:

Client: WNY BOE
Date Collected: 9-26-88
Job Number: 154292

Client Submitted: _____
Date Received: _____

Sample Location: PS # 6

Comments: 6-3B-3 rm 114
plaster

Name: K. Cosgrove Signature: K. Cosgrove

B) Lab Data:

Date Logged: 9-30-88 Time: 6:30 pm Date Analyzed: 10-02-88

Sample Procedure:

(Mineral Oil) • Cargille R.I.L. • Dried • (Ashed) • Pulverized • (HCL) • Bleach

Results:

- 1) Gross Sample Appearance _____
- 2) Asbestos Present None Detected
- 3) Type of Asbestos _____
- 4) Total Asbestos Present by Volume _____

Observations: _____

Signature: Andrea Gasig

Supervisor: HWP Date: 10/4/88

Comments: _____

BULK SAMPLE ANALYSIS

DATA SHEET # N^o 5992

PRIORITY: 24 Hrs. 48 Hrs. Other _____

A) Field Data:

Client: WNY BOE
Date Collected: 9-26-88
Job Number: 154292

Client Submitted: _____
Date Received: _____

Sample Location: PS#6

Comments: 6-3B-4 run 114
plaster

Name: K. Cosgrove Signature: K. Cosgrove

B) Lab Data:

Date Logged: 9:30:88 Time: 6:30pm Date Analyzed: 10-02-88

Sample Procedure:

Mineral Oil • Cargille R.I.L. • Dried • Ashed • Pulverized • HCL • Bleach

Results:

- 1) Gross Sample Appearance _____
- 2) Asbestos Present None detected
- 3) Type of Asbestos _____
- 4) Total Asbestos Present by Volume _____

Observations: _____

Signature: André Gagné

Supervisor: HWP Date: 10/4/88

Comments: _____

BULK SAMPLE ANALYSIS

DATA SHEET # N^o 5993

PRIORITY: 24 Hrs. 48 Hrs. Other _____

A) Field Data:

Client: WNY BOE
Date Collected: 9-26-88
Job Number: 154292

Client Submitted: _____
Date Received: _____

Sample Location: PS#6

Comments: 6-3B-5 run 115

plaster

Name: K. COSGROVE Signature: K. Cosgrove

B) Lab Data:

Date Logged: 9:30'88 Time: 6:30pm Date Analyzed: 10-02-88

Sample Procedure:

Mineral Oil • Cargille R.I.L. • Dried • Ashed • Pulverized • HCL • Bleach

Results:

- 1) Gross Sample Appearance _____
- 2) Asbestos Present None detected
- 3) Type of Asbestos _____
- 4) Total Asbestos Present by Volume _____

Observations: _____

Signature: Andrea Davis

Supervisor: HWP Date: 10/4/88

Comments: _____

BULK SAMPLE ANALYSIS

DATA SHEET # N^o 5994

PRIORITY: 24 Hrs. 48 Hrs. Other _____

A) Field Data:

Client: WNY BOE Client Submitted: _____
Date Collected: 9-26-88 Date Received: _____
Job Number: 154292

Sample Location: PS #6

Comments: 6-3B-6 mm 115
plaster

Name: K. Cosgrove Signature: K. Cosgrove

B) Lab Data:

Date Logged: 9.30.88 Time: 6:30pm Date Analyzed: 10.3.88

Sample Procedure:

Mineral Oil • Cargille R.I.L. • Dried • Ashed • Pulverized • HCL • Bleach

Results:

- 1) Gross Sample Appearance _____
- 2) Asbestos Present None detected
- 3) Type of Asbestos _____
- 4) Total Asbestos Present by Volume _____

Observations: _____

Signature: Andrea Sabio

Supervisor: AHWL Date: 10/4/88

Comments: _____

BULK SAMPLE ANALYSIS

DATA SHEET # N^o 5995

PRIORITY: 24 Hrs. 48 Hrs. Other _____

A) Field Data:

Client: WNY 300
Date Collected: 9-26-88
Job Number: 154292

Client Submitted: _____
Date Received: _____

Sample Location: PS #6

Comments: 6-3B-7 rm 116
plaster

Name: K. Cosgrove Signature: K. Cosgrove

B) Lab Data:

Date Logged: 9-30-88 Time: 6:30pm Date Analyzed: 10-03-88

Sample Procedure:

Mineral Oil • Cargille R.I.L. • Dried • Ashed • Pulverized • HCL • Bleach

Results:

- 1) Gross Sample Appearance _____
- 2) Asbestos Present yes
- 3) Type of Asbestos Chrysotile
- 4) Total Asbestos Present by Volume ~~3%~~ < 1%

Observations: Point Count
method employed.
1/27/89

Signature: Andrea Sabio
Supervisor: HP Date: 10/4/88

Comments: _____

BULK SAMPLE ANALYSIS

DATA SHEET # N^o 5997

PRIORITY: 24 Hrs. 48 Hrs. Other _____

A) Field Data:

Client: WNY BOE Client Submitted: _____
Date Collected: 9-26-88 Date Received: _____
Job Number: 154292

Sample Location: PS #6

Comments: 6-4A-2 for room #1
air cell insulation

Name: K. COSGROVE Signature: K. Cosgrove

B) Lab Data:

Date Logged: 9.30.88 Time: 6:30pm Date Analyzed: 10.2.88

Sample Procedure:

Mineral Oil • Cargille R.I.L. • Dried • Ashed • Pulverized • HCL • Bleach

Results:

1) Gross Sample Appearance —
2) Asbestos Present yes
3) Type of Asbestos Chrysotile
4) Total Asbestos Present by volume 20 - 25%

Observations: _____

Signature: Andrea Sato

Supervisor: g/hw Date: 10/4/88

Comments: _____

BULK SAMPLE ANALYSIS

DATA SHEET # N^o 5998

PRIORITY: 24 Hrs. 48 Hrs. Other _____

A) Field Data:

Client: WNY BOE
Date Collected: 9-26-88
Job Number: 154292

Client Submitted: _____
Date Received: _____

Sample Location: PS # 6

Comments: 6-4A-3 fan room #1
air cell insulation

Name: K. COSGROVE Signature: K. Cosgrove

B) Lab Data:

Date Logged: 9:30-88 Time: 6:30pm Date Analyzed: 10-2-88

Sample Procedure:

Mineral Oil • Cargille R.I.L. • Dried • Ashed • Pulverized • HCL • Bleach

Results:

- 1) Gross Sample Appearance _____
- 2) Asbestos Present yes
- 3) Type of Asbestos Chrysotile
- 4) Total Asbestos Present by Volume 20-25%

Observations: _____

Signature: Andrea Sabo

Supervisor: HWP Date: 10/4/88

Comments: _____

ASB-12
JUN 88

New Jersey State Department of Health
Asbestos Control Service
CN 360, Trenton, NJ 08625-0360

FOR STATE USE ONLY

ASBESTOS MANAGEMENT PLAN
DESCRIPTION OF CHAIN OF COMMAND

Name of Responsible Governing Authority

West New York, Board of Education

Name of Facility

West New York, Board of Education

Building Assessed

Harry L. Bain School

A. Description of a chain of command including delegation of responsibilities and procedures for reporting, obtaining supplies and storage and disposal of asbestos waste.

The Asbestos Program Manager (APM) designated by the Local Education Agency (LEA) shall be responsible for all requirements established in Section 763.84.

The Asbestos Program Manager shall coordinate all asbestos related activities and shall enlist the services of various outside and inside professional trades as outlined on the attached flow chart.

BULK SAMPLE ANALYSIS

DATA SHEET # **Nº** 5982

PRIORITY: 24 Hrs. 48 Hrs. Other _____

A) Field Data:

Client: WNY BOE
Date Collected: 9-26-88
Job Number: 154292

Client Submitted: _____
Date Received: _____

Sample Location: PS # 6

Comments: 6-3A-1 Am 101
tan floor tile

Name: K. Cosgrove Signature: K. Cosgrove

B) Lab Data:

Date Logged: 9:30 88 Time: 6:30pm Date Analyzed: 10-02-88

Sample Procedure:

Mineral Oil • Cargille R.I.L. • Dried • Ashed • Pulverized • HCL • Bleach

Results:

- 1) Gross Sample Appearance _____
- 2) Asbestos Present None detected
- 3) Type of Asbestos _____
- 4) Total Asbestos Present by Volume _____

Observations: _____

Signature: N. Garcia

Supervisor: AMP Date: 10/8/88

Comments: _____

Westmont, NJ
609-853-4600

Piscataway, NJ
908-931-0550

Carle Place, NY
516-997-7251

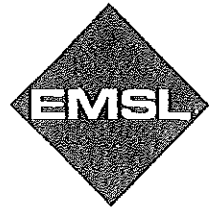
Manhattan, NY
212-290-0062

Melbourne, FL
407-725-5223

Ann Arbor, MI
313-669-6810

San Mateo, CA
415-570-5401

Smyrna, GA
404-333-6068



ER & M Inc.

Wednesday, July 26, 1995

P.O.Box 9026
Trenton, NJ 08650

Ref Number: NC95345

POLARIZED LIGHT MICROSCOPY (PLM)

Project: W.N.Y. BOE, H. Bains

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
01	2nd floor kitchen - 12x12 tan/peach floor tile	Tan Non-Fibrous Homogeneous	Dissolved/Crushed	None Detected			100% Other
01A	2nd floor kitchen - mastic for 01	Black Non-Fibrous Homogeneous	Dissolved/Crushed	None Detected		5% Cellulose	95% Other
02	Woodshop - 12x12 tan thread floor tile	Tan Non-Fibrous Homogeneous	Dissolved/Crushed	None Detected			100% Other
02A	Woodshop - mastic for 02	Black Non-Fibrous Homogeneous	Dissolved/Crushed	6% Chrysotile		4% Cellulose	90% Other
03	Main office - 12x12 tan w/ brown & white streak FT	Tan Non-Fibrous Homogeneous	Dissolved/Crushed	None Detected			100% Other
03A	Main office - mastic for 03	Black Non-Fibrous Homogeneous	Dissolved/Crushed	None Detected		10% Cellulose	90% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Timothy Maxwell
Analyst

Laboratory
Supervisor

Other Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Westmont, NJ
609-558-4300

Piscataway, NJ
908-581-0550

Carle Place, NY
516-897-7251

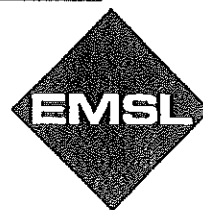
Manhattan, NY
212-290-0052

Melbourne, FL
407-725-5223

Ann Arbor, MI
313-663-6810

San Mateo, CA
415-570-5401

Smyrna, GA
404-333-6066



E R & M Inc.

Wednesday, July 26, 1995

P.O.Box 9026
Trenton, NJ 08650

Ref Number: NC95345

POLARIZED LIGHT MICROSCOPY (PLM)

Project: W.N.Y. BOE , H. Bains

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
04	Room 313 - 12x12 brown stone-look floor tile	Brown Non-Fibrous Homogeneous	Dissolved/Crushed	2%	Chrysotile		98% Other
04A	Room 313 - mastic for 04	Black Non-Fibrous Homogeneous	Dissolved/Crushed		None Detected	10% Cellulose	90% Other
05	Room 102 - 9x9 tan w/ blue spot floor tile	Tan/Blue Non-Fibrous Homogeneous	Dissolved/Crushed	4%	Chrysotile		96% Other
05A	Room 102 - mastic for 05	Grey Non-Fibrous Homogeneous	Dissolved/Crushed	2%	Chrysotile	10% Cellulose	88% Other
06	Room 101 - 9x9 olive floor tile	Green Non-Fibrous Homogeneous	Dissolved/Crushed		None Detected		100% Other
06A	Room 101 - mastic for 06	Orange Non-Fibrous Homogeneous	Dissolved/Crushed	2%	Chrysotile	10% Cellulose	88% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Timothy Maxwell
Analyst

Laboratory
Supervisor

Other Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Westmont, NJ
609-858-4800

Fiscataway, NJ
908-981-0550

Carle Place, NY
516-997-7251

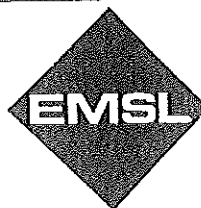
Manhattan, NY
212-290-0052

Melbourne, FL
407-725-5223

Ann Arbor, MI
313-668-6810

San Mateo, CA
415-570-5401

Smyrna, GA
404-333-6038



E R & M Inc.

Wednesday, July 26, 1995

P.O.Box 9026
Trenton, NJ 08650


Ref Number: NC95345

POLARIZED LIGHT MICROSCOPY (PLM)

Project: W.N.Y. BOE , H. Bains

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
07	Room 101 - 9x9 dark brown floor tile	Brown Non-Fibrous Homogeneous	Dissolved/Crushed	None Detected			100% Other
07A	Room 101 - mastic for 07	Brown Non-Fibrous Homogeneous	Dissolved/Crushed	None Detected		10% Cellulose	90% Other
08	Office storage - 9x9 rust spot floor tile	Red Non-Fibrous Homogeneous	Dissolved/Crushed	5% Chrysotile			95% Other
08A	Office storage - mastic for 08	Black Non-Fibrous Homogeneous	Dissolved/Crushed	2% Chrysotile		10% Cellulose	88% Other
09	Nurse - 12x12 tan floor tile	Tan Non-Fibrous Homogeneous	Dissolved/Crushed	None Detected			100% Other
09A	Nurse - mastic for 09	Black Non-Fibrous Homogeneous	Dissolved/Crushed	None Detected		5% Cellulose	95% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.


Timothy Maxwell
Analyst


Laboratory
Supervisor

Other Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Westmont, NJ
609-838-4800

Fiscataway, NJ
908-981-0560

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516-997-7251

Manhattan, NY
212-290-0052

Melbourne, FL
407-725-5223

Ann Arbor, MI
313-663-6310

San Mateo, CA
415-570-5401

Smayna, GA
404-333-6065



E R & M Inc.

Wednesday, July 26, 1995

P.O.Box 9026
Trenton, NJ 08650


Ref Number: NC95345


POLARIZED LIGHT MICROSCOPY (PLM)

Project: W.N.Y. BOE, H. Bains

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
10	Old board office - brown linoleum	Brown Non-Fibrous Homogeneous	Dissolved/Crushed	None Detected		60% Cellulose	40% Other
10A	Old board office - mastic for 10	Black Non-Fibrous Homogeneous	Dissolved/Crushed	None Detected		10% Cellulose	90% Other
11-1	Room 113 - 2x4 vertical wavy ceiling tile	Grey/White Other Heterogeneous	Teased/Crushed	None Detected		20% Cellulose 50% Min. Wool	20% Perlite 10% Other
11-2	Room 116 restrm - 2x4 vertical wavy ceiling tile	Grey/White Other Heterogeneous	Teased/Crushed	None Detected		20% Cellulose 50% Min. Wool	20% Perlite 10% Other
11-3	Room 115 - 2x4 vertical wavy ceiling tile	Grey/White Other Heterogeneous	Teased/Crushed	None Detected		20% Cellulose 50% Min. Wool	20% Perlite 10% Other
12-1	Basement hall - trowelled on ceiling	Beige/White Non-Fibrous Heterogeneous	Crushed	None Detected			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.


Timothy Maxwell
Analyst


Laboratory
Supervisor

Other Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Westmont, NJ
609-858-4600

Fiscataway, NJ
908-931-0550

Carle Place, NY
516-997-7251

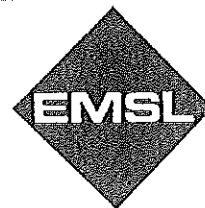
Manhattan, NY
212-290-0062

Melbourne, FL
407-725-5223

Ann Arbor, MI
313-663-6310

San Mateo, CA
415-570-5401

Smyrna, GA
404-333-6055



E R & M Inc.

Wednesday, July 26, 1995

P.O.Box 9026
Trenton, NJ 08650


Ref Number: NC95345

POLARIZED LIGHT MICROSCOPY (PLM)

Project: W.N.Y. BOE , H. Bains

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
12-2	hallway - trowelled on ceiling	Beige/White Non-Fibrous Heterogeneous	Crushed		None Detected		100% Other
12-3	hallway - trowelled on ceiling	Beige/White Non-Fibrous Heterogeneous	Crushed		None Detected		100% Other
12-4	hallway - trowelled on ceiling	Beige/White Non-Fibrous Heterogeneous	Crushed		None Detected		100% Other
12-5	hallway - trowelled on ceiling	Beige/White Non-Fibrous Heterogeneous	Crushed		None Detected		100% Other
13-1	BSMT - courtyard - trowelled on wall	White/Brown/Yello Other Heterogeneous	Crushed/Dissolved		None Detected	2% Other	98% Other
13-2	Entrance to boiler room - trowelled on wall	White/Brown/Yello Other Heterogeneous	Crushed/Dissolved		None Detected	3% Other	97% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.


Timothy Maxwell
Analyst


Laboratory
Supervisor

Other Approved
Signatory

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Westmont, NJ
609-859-4800

Piscataway, NJ
908-981-0550

Carle Place, NY
516-997-7251

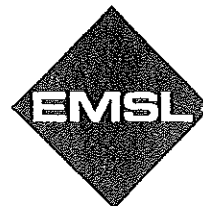
Manhattan, NY
212-290-0052

Melbourne, FL
407-725-5223

Ann Arbor, MI
313-668-6810

San Mateo, CA
415-570-5401

Smayna, GA
404-333-6065



E R & M Inc.

Wednesday, July 26, 1995

P.O.Box 9026
Trenton, NJ 08650

Ref Number: NC95345

POLARIZED LIGHT MICROSCOPY (PLM)

Project: W.N.Y. BOE , H. Bains

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	NONFIBROUS
13-3	Cust. office - trowelled on wall	White/Grey/Black Other Heterogeneous	Crushed/Dissolved	None Detected		2% Other	98% Other
13-4	Hall by woodshop - trowelled on wall	White/Black/Grey Other Heterogeneous	Crushed/Dissolved	None Detected		2% Other	98% Other
13-5	Hall by art room - trowelled on wall	White/Black Other Heterogeneous	Crushed/Dissolved	None Detected		2% Other	98% Other
14-1	Hall by 303 - wall plaster	Beige Non-Fibrous Homogeneous	Crushed	None Detected			100% Other
14-2	Room 303 - wall plaster	Beige Non-Fibrous Homogeneous	Crushed	None Detected			100% Other
14-3	Room 304 - wall plaster	Beige Non-Fibrous Homogeneous	Crushed	None Detected			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Timothy Maxwell
Analyst

Laboratory
Supervisor

Other Approved
Signatory

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Westmont, NJ
609-858-4800

Fiscataway, NJ
908-581-0650

Castle Place, NY
516-997-7251

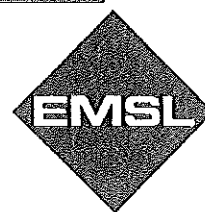
Manhattan, NY
212-290-0052

Melbourne, FL
407-725-5223

Ann Arbor, MI
313-668-6810

San Mateo, CA
415-570-5401

Smayra, CA
404-333-6066



E R & M Inc.

Wednesday, July 26, 1995

P.O.Box 9026
Trenton, NJ 08650

Ref Number: NC95345

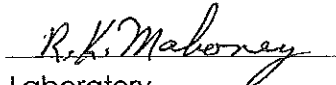
POLARIZED LIGHT MICROSCOPY (PLM)

Project: W.N.Y. BOE, H. Bains

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS NONFIBROUS
14-4	Hall by 203 - wall plaster	Beige Non-Fibrous Homogeneous	Crushed		None Detected		100% Other
14-5	Room 204 - wall plaster	Beige Non-Fibrous Homogeneous	Crushed		None Detected		100% Other
14-6	Room 104 - wall plaster	Beige Non-Fibrous Homogeneous	Crushed		None Detected		100% Other
14-7	Hall by 102 - wall plaster	Beige Non-Fibrous Homogeneous	Crushed		None Detected		100% Other
15-1	Hall by 303 - ceiling plaster	White/Beige/Blue Non-Fibrous Heterogeneous	Crushed		None Detected		100% Other
15-2	Room 303 - ceiling plaster	White/Beige/Blue Non-Fibrous Heterogeneous	Crushed		None Detected		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.


Timothy Maxwell
Analyst


Laboratory
Supervisor

Other Approved
Signatory

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Carle Place, NY
516-937-7251

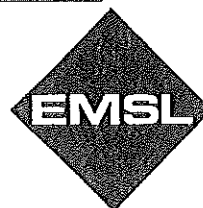
Manhattan, NY
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Melbourne, FL
407-723-5223

Ann Arbor, MI
313-568-6810

San Mateo, CA
415-570-5401

Smyrna, GA
404-333-6085



E R & M Inc.

Wednesday, July 26, 1995

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Trenton, NJ 08650

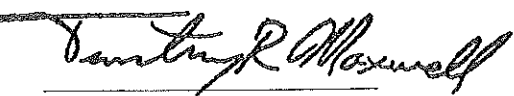
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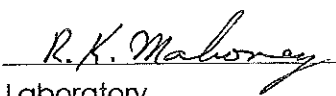
POLARIZED LIGHT MICROSCOPY (PLM)

Project: W.N.Y. BOE, H. Bains

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
15-3	Room 304 - ceiling plaster	White/Beige Non-Fibrous Heterogeneous	Crushed		None Detected		100% Other
15-4	Hall by 203 - ceiling plaster	White/Beige Non-Fibrous Heterogeneous	Crushed		None Detected		100% Other
15-5	Room 203 - ceiling plaster	White/Beige Non-Fibrous Heterogeneous	Crushed		None Detected		100% Other
15-6	Room 104 - ceiling plaster	White/Beige Non-Fibrous Heterogeneous	Crushed		2% Chrysotile		98% Other
15-7	Hall by 104 - ceiling plaster	White/Beige Non-Fibrous Heterogeneous	Crushed		None Detected		100% Other
16-1	Sub BSMT stairwell - aircell	Grey Fibrous Homogeneous	Teased		30% Chrysotile	20% Cellulose	50% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.


Timothy Maxwell
Analyst


Laboratory
Supervisor

Other Approved
Signatory

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516-937-7251

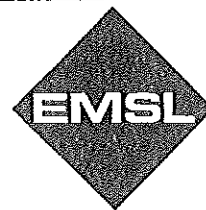
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212-290-0052

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Ann Arbor, MI
313-668-6810

San Mateo, CA
415-570-5401

Smyma, GA
404-333-6065



ER & M Inc.

Wednesday, July 26, 1995

P.O.Box 9026
Trenton, NJ 08650


Ref Number: NC95345

POLARIZED LIGHT MICROSCOPY (PLM)

Project: W.N.Y. BOE , H. Bains

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
16-2	Sub BSMT stairwell - aircell	Grey Fibrous Homogeneous	Teased	30%	Chrysotile	20% Cellulose	50% Other
16-3	Sub BSMT stairwell - aircell	Grey Fibrous Homogeneous	Teased	30%	Chrysotile	20% Cellulose	50% Other
18	Kindergarten - sheetrock	Brown/White Other Heterogeneous	Teased/Crushed	None Detected		10% Cellulose	90% Other
18A	Kindergarten - joint cmpd.	White Non-Fibrous Homogeneous	Crushed	None Detected			100% Other
19-1	Room 212 - 2x2 wavy ceiling tile	White/Beige Other Heterogeneous	Teased/Crushed	None Detected		30% Cellulose 30% Min. Wool	30% Perlite 10% Other
19-2	Room 212 - 2x2 wavy ceiling tile	White/Beige Other Heterogeneous	Teased/Crushed	None Detected		30% Cellulose 30% Min. Wool	30% Perlite 10% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "% of Layers" refers to number of separable subsamples.


Timothy Maxwell
Analyst


Laboratory
Supervisor

Other Approved
Signatory

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Westmont, NJ
609-558-4800

Fiscataway, NJ
908-881-0550

Carle Place, NY
516-937-7251

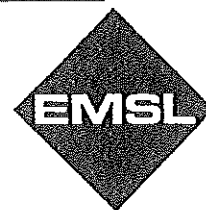
Manhattan, NY
212-290-0052

Melbourne, FL
407-725-5223

Ann Arbor, MI
313-669-6810

San Mateo, CA
415-570-5401

Smyrna, GA
404-333-6055



E R & M Inc.

Wednesday, July 26, 1995

P.O.Box 9026
Trenton, NJ 08650

Ref Number: NC95345

POLARIZED LIGHT MICROSCOPY (PLM)

Project: W.N.Y. BOE , H. Bains

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
19-3	Room 212 - 2x2 wavy ceiling tile	White/Beige Other Heterogeneous	Teased/Crushed	None Detected		30% Cellulose 30% Min. Wool	30% Perlite 10% Other
22-1	Boiler room - breach	Grey/White Other Homogeneous	Crushed	None Detected		2% Glass	10% Mica 88% Other
22-2	Boiler room - breach	Grey/White Other Homogeneous	Crushed	None Detected		2% Glass	10% Mica 88% Other
22-3	Boiler room - breach	Grey/White Other Homogeneous	Crushed	None Detected		2% Glass	10% Mica 88% Other
23-1	Boiler room - fittings assoc. w/ fiberglass	Brown/Grey Other Heterogeneous	Crushed	None Detected		30% Min. Wool	70% Other
23-2	Boiler room - fittings assoc. w/ fiberglass	Brown/Grey Other Heterogeneous	Crushed	None Detected		30% Min. Wool	70% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.


Timothy Maxwell
Analyst


Laboratory
Supervisor

Other Approved
Signatory

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Westmont, NJ
603-853-4800

Fistataway, NJ
908-581-0550

Carle Place, NY
516-397-7251

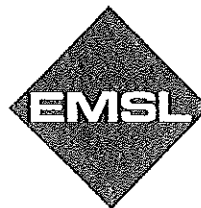
Manhattan, NY
212-230-0032

Malbourne, FL
407-725-5223

Ann Arbor, MI
313-668-6310

San Mateo, CA
415-570-5401

Smyrna, GA
404-333-6063



E R & M Inc.

Wednesday, July 26, 1995

P.O.Box 9026
Trenton, NJ 08650

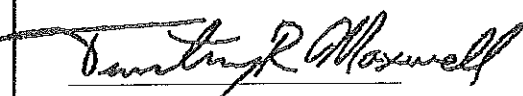
Ref Number: NC95345

POLARIZED LIGHT MICROSCOPY (PLM)

Project: W.N.Y. BOE , H. Bains

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		<u>NONASBESTOS</u>	
				%	TYPE	%	FIBROUS % NONFIBROUS
23-3	Boiler room - fittings assoc. w/ fiberglass	Brown/Grey Other Heterogeneous	Crushed		None Detected	30% Min. Wool	70% Other
24-1	Boiler room - generator insulation - block	White Non-Fibrous Homogeneous	Crushed		None Detected	15% Cellulose	85% Other
24-2	Boiler room - generator insulation - block	White Non-Fibrous Homogeneous	Crushed		None Detected	15% Cellulose	85% Other
24-3	Boiler room - generator insulation - block	White Non-Fibrous Homogeneous	Crushed		None Detected	15% Cellulose	85% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

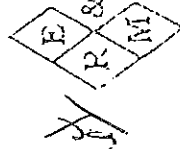

Timothy Maxwell
Analyst


Laboratory
Supervisor

Other Approved
Signatory

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1734



ENVIRONMENTAL
REMEDICATION &
MANAGEMENT, INC.

3 Day

SAMPLING DATA AND CHAIN OF CUSTODY

PLM

NC 95 395

P.O. Box 9026
Trenton, N.J. 08650
Tel • (609) 259-8077
Fax • (609) 259-8079

6-10 day

PROJECT #:		CLIENT:		FACILITY:		SAMPLING DATE:	
H. Bains		WNY BOE		H. Bains			
SAMPLERS:		C. DiNardo/b. Lawrence		SAMPLE LOCATION		SAMPLE MATERIAL	
SAMPLE #	TYPE	BULK		WIPE		RECEIVED BY: (SIGNATURE)	TIME
01		✓		2nd Floor Kitchen		12x12 Tan / Peach Floor tile	
01A		✓		2nd Floor Kitchen		mastic for 01	
02		✓		woodshop		12x12 Tan Tread Floor tile	
02A		✓		woodshop		mastic for 02	
03		✓		main office		12x12 Tan w/ Brown + white streak	
03A		✓		main office		mastic for 03	
04		✓		Rm 313		12x12 Brown Stone - look Floor tile	
04A		✓		Rm 313		mastic for 04	
05		✓		Rm 102		9x9 Tan w/ Blue spot Floor tile	
05A		✓		Rm 102		mastic for 05	
06		✓		Rm 101		9x9 olive Floor tile	
06A		✓		Rm 101		mastic for 06	

RECEIVED BY: (SIGNATURE) *Clamand* DATE 7-17-95 TIME 1230

RECEIVED BY: (SIGNATURE) *Cathy DiNardo* DATE 7-17-95 TIME 1230



ENVIRONMENTAL
& REMEDIATION &
MANAGEMENT, INC.

SAMPLING DATA AND CHAIN OF CUSTODY

PIM

P.O. Box 9026
Trenton, N.J. 08650
Tel • (609) 259-8077
Fax • (609) 259-8079

PROJECT #:		CLIENT:	CONTACT:	
SAMPLERS:		FACILITY:	SAMPLING DATE:	
SAMPLE #	TYPE	SAMPLE LOCATION	SAMPLE MATERIAL	
14-4	BULK ✓	hall by 203	wall plaster	
14-5	BULK ✓	Rm 204	wall plaster	
14-6	BULK ✓	Rm 104	wall plaster	
14-7	BULK ✓	hall by 102	wall plaster	
15-1		hall by 303	ceiling plaster	
15-2		Rm 303	ceiling plaster	
15-3		Rm 304	ceiling plaster	
15-4		hall by 203	ceiling plaster	
15-5		Rm 203	ceiling plaster	
15-6		Rm 104	ceiling plaster	
15-7		hall by 104	ceiling plaster	
16-1		SUB Basement wall	airced	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
<i>Andy Divardo</i>	7/7/95	1230	<i>Roman</i>	08:21 AM	7/16/95



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& REMEDIATION &
MANAGEMENT, INC.

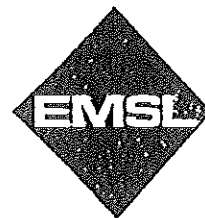
SAMPLING DATA AND CHAIN OF CUSTODY

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Trenton, N.J. 08650
Tel • (609) 259-8077
Fax • (609) 259-8079

PROJECT #:		CLIENT:	CONTACT:	
H. Bains		WNY BOE	James Leubist	
SAMPLERS:		FACILITY:	SAMPLING DATE:	
G. Diwanto/G. Lawrence		H. Bains		
SAMPLE #	TYPE	SAMPLE LOCATION		SAMPLE MATERIAL
		BULK	WIPE	
16-2	✓	SUB BSMT Stairwell		aircell
16-3	✓	SUB BSMT BSMT Stairwell		aircell
18	✓	Kindergarten		Sheetrock
18A	✓	Kindergarten		JT. Compd.
19-1	✓	Rm 212		2x2 wavy ceiling tile
19-2	✓	Rm 212		2x2 wavy ceiling tile
19-3	✓	Rm 212		2x2 wavy ceiling tile
22-1	✓	Boiler Rm		Breecch
22-2	✓	Boiler Rm		Breecch
22-3	✓	Boiler Rm		Breecch
23-1	✓	Boiler Rm		Fittings assoc w Fiberglass
23-2	✓	Boiler Rm		Fittings assoc w Fiberglass

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
Cathy Diwanto	7-17-95	1230	Colman	8-2-95	11:00



Environmental Remediation & Management, Inc
P.O. Box 9026
Trenton, NJ 08650

Friday, August 18, 1995

Ref Number: WT954817

Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM)
Performed by EPA 40 CFR Part 763 Final Rule. (AHERA)

Project: H. Bains School

SAMPLE ID	VOLUME (liters)	ASBESTOS TYPE(S)	# STRUCTURES		AREA ANALYZED (mm ²)	CONCENTRATION OF ASBESTOS STRUCTURES		ANALYTICAL SENSITIVITY (AS/cc)
			ASB	NONASB		AS/mm ²	AS/cc	
1	1200.00	None Detected	0	0	0.0645	<15.5039	<0.0050	0.0050
2	1200.00	None Detected	0	0	0.0645	<15.5039	<0.0050	0.0050
3	1200.00	None Detected	0	0	0.0645	<15.5039	<0.0050	0.0050
4	1200.00	None Detected	0	0	0.0645	<15.5039	<0.0050	0.0050
5	1200.00	None Detected	0	0	0.0645	<15.5039	<0.0050	0.0050

Comments: For "None Detected" samples, the number under AS/cc is equal to the analytical sensitivity.

Peter Frasca, Ph.D.
Director

Laboratory
Supervisor

[Signature]
Other Approved
Signatory

Disclaimers: The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/cc, which is dependent on volume collected by non-laboratory personnel.

Accredited for PLM/TEM NVLAP 1043



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CORPORATION
1000
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Trenton, N.J. 08650
Tel • (609) 259-8077
Fax • (609) 259-8079

[illegible]

I. OPERATIONS AND MAINTENANCE PROGRAM

When asbestos is found in a school, the LEA is required to implement an Operations and Maintenance Program.

The Operations and Maintenance program is a set of work practices and procedures designed to minimize or eliminate the exposure of building occupants to asbestos fibers. The program must be operational for as long as any ACBM remains in the affected building.

The program addresses the management of all types of ACBM: surfacing material, thermal system insulation, and other applications such as floor and ceiling tiles, fabrics, etc. Both friable and non-friable materials must be considered and managed appropriately. The extent of the procedures will depend on the assessment factors described in the inspection report, i.e., the location and physical condition of ACBM, its potential for disturbance, etc.

OBJECTIVES OF AN OPERATIONS AND MAINTENANCE PROGRAM

There are three primary objectives of the Operations and Maintenance Program:

1. Clean up existing contamination
2. Minimize future fiber release by controlling access to ACM,
3. Maintain ACM until it is eventually removed.

Properly prepared, this plan will document the building owner's prudence in dealing with asbestos in the building.

ELEMENTS OF THE OPERATIONS AND MAINTENANCE PROGRAM

Notification and Labeling;
Training (on several levels);
Employee protection and medical surveillance programs;
Specialized cleaning procedures;
Maintenance/Renovation permit system;
Special work practices for maintenance activities;
Special work practices for renovation;
Emergency response procedures;
Periodic ACM surveillance; and
Recordkeeping.

Each of these elements will be discussed in the following sections.

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II. Notification and Labeling:

Once asbestos-containing materials have been identified in the facility, a notification and labeling program should be initiated.

The notification and labeling program serves two purpose: (1) it alerts affected parties to a potential hazard in the building; and (2) it provides basic information on avoiding the hazard. Building occupants, employees and others who are aware of the presence of ACM are less likely to disturb the material and cause fiber release. The AHERA Rule requires that the notices must announce the existence and location of the management plan.

Notification:

Notification of building occupants and other affected individuals can be accomplished several ways. Two common techniques are:

- Distributing notices; and
- Holding awareness or informational seminars.

Regardless of the notification format chosen, building occupants could be provided with the following information:

- What asbestos is and how it is typically used;
- Health effects associated with exposure;
- What type(s) of ACM are present in the facility;
- The exact location(s) of these materials;
- How individuals can avoid disturbing ACM;
- How to recognize and report damage;
- How custodial and maintenance personnel are dealing with these materials to prevent fiber release;
- What will be done periodically and over the long run to protect the health and safety of building occupant; and
- Name and telephone number of the person responsible for asbestos related activities in the facility.

Labeling and Signs:

Labeling, as opposed to notification, is not intended as general information. It serves as a final line of defense to prevent unprotected individuals from disturbing ACM or entering areas where repair or renovation activities involving ACM are underway. Labeling is usually in the form of posted signs or notices, which are either directly attached to ACM or at entrances to areas where ACM is prevalent (e.g., boiler rooms). Warning signs used in conjunction with small renovation or repair that involves the disruption of ACM should be posted at entrances and around the perimeter of the project and in accordance with the OSHA Asbestos Standard for the Construction Industry (29 JCFR 1926.58) (See Figure 1). The AHERA Rule requires signs with specific wording to be posted in all routine maintenance areas. Figure 2 contains the exact language.

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Training:

Training of service (custodial and maintenance) workers is one of the most important aspects of an effective operations and maintenance program. Training serves to establish proper awareness and understanding of work practices that are vital to the success of the program. In those schools that contain friable ACM, training must be adequately developed and offered on two levels, as indicated below.

General Awareness:

All service personnel who work in schools that contain friable ACM must receive two hours of awareness training. This training session should include, at a minimum, all the information outlined in the section on notification.

Cleaning and Custodial Work:

Service personnel who conduct any activities that will result in the disturbance of ACM must receive the two hours of general awareness training and 14 hours of additional instruction. Information to be presented in this training session should include proper cleaning techniques, appropriate practices for handling ACM, proper use of respirators and other protective equipment, including hands-on training.

One of the main objectives of the O&M program is to clean the facility of existing asbestos contamination. This training program instructs participants in proper cleaning techniques that involve the use of wet methods, HEPA vacuuming, protective equipment, and proper waste disposal methods. Elements of specialized cleaning and recleaning are discussed later.

Maintenance Work:

Maintenance workers are often required to use specialized asbestos control procedures when working around ACM. Most maintenance work is conducted entirely by in-house staff, entirely by outside contracted help, or a combination of these two options.

When routine or even infrequent maintenance involves the possibility of disturbing of ACM, workers should be involved in a more extensive training program (16 hours total). Depending on the type of material involved, maintenance workers will need to be trained in local isolation of the HVAC system, isolation of the work area from non-work areas (through the use of barriers and warning signs, etc.), vacuuming, the use of methods to reduce fiber release, glovebag techniques for working around pipe insulation, clean-up and decontamination procedures, and ACM disposal procedures. In addition, maintenance workers and this category must be involved in respiratory protection and medical surveillance programs as required by OSHA.

Maintenance Work: (continued)

With respect to outside contractors (e.g., electrical, plumbing, and construction contractors), building owners should require evidence that the contractor is familiar with the O&M program, has experience and/or training in working around ACM, and has adequately trained work crews. It is often preferable to have one member of the in-house staff trained to oversee all maintenance performed by outside contractors.

IV. Medical Surveillance and Employee Protection Programs:

This program is intended to comply with the requirements of the New Jersey Public Employee Occupational Safety and Health Act (PEOSHA) NJAC 12:100-12.8.

Respiratory protection shall be worn by any worker who is directly exposed to asbestos without regard to asbestos levels and without regard to the implementation of all engineering and work practice controls.

The purpose of the medical surveillance program is to establish an employee's fitness to wear a respirator, and to detect any changes in the gastrointestinal and cardiopulmonary systems as a result of working in asbestos contaminated areas. Such changes may indicate the onset of an asbestos-related disease.

The main requirements of the medical surveillance program are initial and periodic examinations. The initial examination can be omitted if the employee had an equivalent exam within the last twelve months. Periodic examinations are required at least annually and must be performed before the employee is issued a powered air purifying respirator. Under no circumstance may a negative pressure respirator be worn.

Each examination must include, at a minimum:

Completion of the mandatory medical questionnaires. There is one each for the initial and periodic examinations. These questionnaires also include sections on work history.

A physical examination, with emphasis on the cardiovascular and gastrointestinal systems; and

A pulmonary function test, which include the forced vital capacity (FVC) and the forced expiratory volume in one second (FEV).

The examining physician may also require other tests as part of the medical examination. The chest x-ray is now optional and is administered at the discretion of the physician. However it is recommended that an initial chest x-ray be used in order to establish base line conditions for the employee.

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Medical Surveillance and Employee Protection Programs:

Following the examination, the physician must provide the employer with the following:

A written opinion as to whether the employee has any detected medical conditions that would place the employee at increased risk of health impairment from exposure to asbestos;

Any recommended limitations on the employee or on the use of personal protective equipment, such as respirators; and

A statement that the employee has been informed by the physician of the results of the medical examination, and of any medical conditions that may result from asbestos exposure.

The physician is not to reveal in the written opinion given to the employer any specific findings unrelated to asbestos exposure. Also, the employer must provide a copy of the physician's written statement to the employee within 30 days of receipt.

The employer must provide the examining physician with the following:

A copy of the OSHA Asbestos Standard;

A description of the employees duties as they relate to asbestos;

The employee's actual or anticipated level of exposure;

A description of any personal protective and respiratory equipment used or to be used; and

Information from previous medical examinations of the employee that is not otherwise available to the examining physician.

Finally, the employer must maintain medical records for at least 30 years following termination of employment.

V. Specialized Cleaning Procedures:

Cleaning up existing asbestos contamination within a facility is one of the primary objectives of the O&M program. Dry brooms, mops, dust cloths and standard vacuum cleaners simply re-suspend asbestos fibers into the air. Therefore, it is essential that specialized cleaning procedures be implemented.

Specially trained and properly equipped custodial workers should conduct a thorough initial cleaning in the building as soon as the O&M program is in place and before the initiation of any response action. These workers should be equipped with powered air purifying respirators, at a minimum.

Specialized Cleaning Procedures:

A combination of wet mopping/wiping and vacuuming should be used to clean all surfaces within the building. Irregular surfaces, such as curtains, books, furniture and carpeting should be cleaned using HEPA-equipped vacuum cleaners. Many manufacturers offer several "nozzles" to make HEPA vacuuming of irregular surfaces less difficult. Carpeting may also be cleaned using steam cleaners. Care should be taken to ensure that the liquid waste generated during steam cleaning is disposed of as asbestos contaminated waste.

Other surfaces, such as walls, non-carpeted floors, light fixtures, equipment housings, the exterior of air handling ducts, and file cabinets should be cleaned using mops and/or dust cloths and rags that are wetted with amended water. Amended water is a mixture of water and a non-sudsy surfactant. A dust suppressant could also be used on mops.

Periodic or routine cleaning is less rigorous than the initial cleaning and is implemented, when needed, on a regular schedule depending on the extent of the ACM within the facility and the level of contamination. Surfaces should be wet wiped and/or HEPA vacuumed. Respiratory protection may not be required for the custodial crew performing periodic cleaning. However, areas where ACM is directly disturbed requires continued use of respiratory protection.

VI. Maintenance/Renovation Permit System:

Minimizing inadvertent disruption of ACM during maintenance and renovation operations is often one of the most difficult tasks faced by the asbestos program manager. Initiating a permit system, where all work orders or requests are funneled through the asbestos program manager, is a simple yet effective way of controlling disruption of ACM during these activities.

In the permit system, all requests for maintenance/renovation activities are given to the asbestos program manager prior to the issuance of a work order to proceed. (Figure 3 is an example permit request form.) The program manager then checks the building's asbestos records (files, computerized database, etc.) for information about the presence of ACM where work is to be performed. The manager should also physically inspect the area in question to ensure records reflect actual conditions. If no asbestos is present, the work order is issued and the planned actions can proceed. If ACM is found to be present in the area, the program manager will sign the permit application (Figure 3) and equip properly trained maintenance/renovation workers to deal with the ACM during the operation.

VII. Special Work Practices for Maintenance Activities:

Normal maintenance activities can disturb ACM and raise levels of airborne asbestos. Maintenance workers should be cautioned against conducting any maintenance work in a manner that may disturb ACM.

The nature and extent of special work practices should be tailored to reflect the likelihood that the ACM will be disturbed and that fibers will be released. Four categories of potential disturbance are defined: (1) Contact with the ACM is very unlikely; (2) Accidental disturbance is possible; (3) A small amount of ACM (less than three square feet or three linear feet) will be disturbed; and (4) A large amount of ACM (three or more square feet or linear feet) will be disturbed. The following sections on surfacing materials, thermal system insulation, and other types of ACM describe the work practices in detail.

A. Surfacing Materials

i. Contact with ACM Unlikely

In some buildings with ACM, many routine maintenance activities can be conducted without contacting the ACM. For example, changing light bulbs in a fixture on a ceiling with asbestos-containing acoustical plaster can usually be performed without jarring the fixture or otherwise disturbing the ACM. (The top of the fixture should have been wet-cleaned previously to remove settled fibers.) In these situations, few precautions other than normal care are needed. The only precaution is to assure the availability of respirators and a HEPA vacuum if needed. These do not have to be taken to the site, but should be available at a known location in the building. Where maintenance is performed in parts of the building free of ACM, no special precautions are usually necessary. An exception would be work causing vibrations at a distant location where ACM may be present.

ii. Accidental Disturbance of ACM Possible:

Routine maintenance and repair includes work on light fixtures, plumbing fixtures and pipes, air registers, HVAC ducts, and other accessible parts of building utility systems. Where these fixtures or system parts are near firable ACM, maintenance work may unintentionally disturb the ACM and release asbestos fibers.

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Accidental Disturbance of ACM Possible:

The following precautions and procedures should be used if accidental disturbance of ACM (or dust and debris containing asbestos fibers) is possible:

Approval should be obtained from the asbestos program manager before beginning work. The asbestos program manager or supervisor should make an initial visit to the work site.

The work should be scheduled after normal working hours (night or weekends), if possible, or access to the work area should be controlled: doors should be locked from the inside and signs posted to prevent unauthorized persons from entering the work area (e.g., "MAINTENANCE WORK IN PROGRESS, DO NOT ENTER"). Note, emergency exits must remain in operation.

The air-handling system should be shut off or temporarily modified to prevent the distribution of any released fibers to areas outside the work site.

A 6-mil polyethylene plastic dropcloth should be placed underneath the location of the maintenance work, extending at least 10 feet beyond all sides of the work site. Alternatively, a rectangular enclosure constructed of 6-mil plastic on a frame can be positioned underneath the maintenance area to inhibit the spread of fibers from fallen ACM. (Mobile enclosures of this type are available commercially.)

Workers should wear at least a powered air purifying respirator with HEPA filters and protective clothing including a body suit and hood.

The ACM in the vicinity of the maintenance work should be misted lightly with amended water. Use a mister that produces a very fine spray. Be sure that the electrical system is shut off before spraying around any electrical conduits or fixtures.

After the maintenance work is completed, the fixture, register, or other component, and all tools, ladders and other equipment should be HEPA-vacuumed or wiped with a damp cloth.

If any debris is apparent on the drop cloth, floor or elsewhere, it should be HEPA-vacuumed.

The plastic dropcloth (or enclosure) should be wiped with a damp cloth, carefully folded, and discarded as asbestos waste.

All clothes, vacuum bags/filters, and other disposable materials should be discarded in sealed and labeled plastic bags as asbestos waste.

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Accidental Disturbance of ACM Possible: (continued)

Workers should wear HEPA-vacuum respirators and protective clothing at the work site. The clothing should then be discarded as asbestos waste. If the ACM was disturbed during the course of the work, the workers should leave their respirators on, and clean their respirators while in the shower.

iii. Disturbance of ACM Intended or Likely:

Some maintenance and repair activities will, unavoidably disturb the ACM. The following are the procedures to be implemented whenever ACM will be disturbed.

a) Small Disturbances:

The following procedures are appropriate for maintenance activities which involve small-scale (less than 3 square feet) removal of surfacing ACM or when disturbance of ACM dust and debris or unintentional contact with the ACM is likely.

Approval should be obtained from the asbestos program manager before beginning work, and the work should be supervised.

The work should be scheduled after normal working hours (nights or weekends), if possible, or access to the work area should be controlled: doors should be locked from the inside and signs posted to prevent unauthorized persons from entering the work area (e.g. "MAINTENANCE WORK IN PROGRESS, DO NOT ENTER"). Note emergency exits must remain in operation.

The air handling system should be shut off or temporarily modified to prevent the distribution of fibers from the work site to other areas in the building.

Workers should wear, at a minimum, full face powered air purifying respirators with HEPA filters and protective clothing, including a body suit, hood, boots, and gloves.

A 6-mil polyethylene plastic dropcloth should be placed beneath the location of the maintenance work, extending at least 10 feet beyond all sides of the work site. (In the case of entry into the space above a suspended ceiling, the work site would be the area of the tiles removed to gain access.)

Alternatively, a rectangular enclosure constructed of 6-mil plastic on a frame can be positioned underneath the maintenance area to inhibit the spread of fibers from fallen ACM. (Mobile enclosures of this type are available commercially.)

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Small Disturbances: (continued)

If entry to the space above a suspended ceiling is necessary, the entry tile(s) should be removed carefully with as little jarring as possible. The air above the opening, the top of the removed tile, all tiles surrounding the opening, and the ACM likely to be disturbed should be misted with amended water. Use a mister with a very fine spray. A thorough misting in the air helps fibers to settle more quickly. Cleaning ceiling tiles with a HEPA vacuum cleaner is also effective as long as care is taken not to vibrate tiles and disturb the ACM.

Selected workers must wear personal monitors as required by PEOSHA unless previous experience with the same ACM and similar operations indicates that fiber levels are likely to be less than the PEL.

During the course of the work, any ACM which is removed should be collected by the HEPA vacuum. This is best accomplished by placing the vacuum hose just below the ACM being removed.

Upon completion of the work, any visible debris on the top of the suspended ceiling, on the drop cloth, on the floor, or anywhere else should be collected by cleaning with a HEPA vacuum.

All equipment and tools should be wiped with damp cloths or HEPA vacuumed.

The plastic sheet should be wiped with a damp cloth, folded, and discarded as asbestos waste.

All debris, cloths, and vacuum bags/filters should be discarded in sealed and labeled plastic bags as asbestos waste.

Workers should remove and discard as asbestos waste their disposable suits before leaving the work site proceed to a shower room, shower with their respirators on, and clean their respirators while in the shower.

b. Large Disturbances:

Any maintenance work which involves removal of 3 or more square feet of surfacing material (or 3 linear feet of thermal system insulation) should be considered a large scale disturbance of ACM and shall be performed by a licensed New Jersey Asbestos Removal Contractor in accordance with NJAC 5:23-8.

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B. Thermal System Insulation:

Maintenance activities affecting asbestos-containing thermal system insulation generally involve plumbing-type repairs, or repairs to the heating, ventilation and air conditioning (HVAC) system. Frequently, the ACM must be removed to provide access to the valve, flange, duct, or related system part needing maintenance.

i. Contact with ACM Unlikely:

Maintenance activities or repairs which can be performed without contacting or disturbing the ACM require little more than normal care and good workmanship. (Respirators and a HEPA vacuum cleaner should be available if needed.) For example, valves which are either uncovered or covered with non-asbestos insulation can be repacked or repaired without disturbing asbestos insulation on nearby pipes. As with surfacing ACM, the only precautions necessary are to make sure that a HEPA vacuum cleaner and air purifying respirators are available if needed.

ii. Accidental Disturbance of ACM Possible:

Even maintenance tasks that involve no direct contact with ACM may cause accidental disturbance. For example, vibrations created by maintenance activities in one part of piping network will be transmitted to other parts. Vibrations could then cause fibers to be released from insulation which is exposed (not covered with a protective jacket) or not in good condition. If in doubt about the possibility of fiber release, thoroughly inspect the thermal system insulation before undertaking the maintenance or repair work. Then, either correct the problem before starting, or assume that the maintenance work may cause accidental disturbance and fiber release. In this case, the following procedures should be used:

Work approval and site preparation procedures as described under Surfacing Material should be followed.

Plastic sheets (6 mil polyethylene) should be cut and taped around any insulation which might be accidentally disturbed. The Plastic should be misted with amended water before taping it shut. If the locations where insulation could be disturbed are too numerous for isolation with plastic, workers should perform the maintenance work wearing air-purifying respirators, at a minimum, and protective clothing, including disposable suits and hoods.

Cleanup procedures, as described under Surfacing Material, should be followed. Special care should be taken when removing the plastic from the insulation to minimize disturbance of any ACM dust or debris that may have fallen from the insulation.

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iii. Disturbance of ACM Intended or Likely:

Where asbestos-containing insulation must be removed to maintain or repair the thermal system, the ACM will obviously be disturbed. As with surfacing ACM, the amount to be removed or manipulated will determine the procedures to be used.

a) Small Disturbances:

Work approval and site preparation procedures as described for surfacing ACM, should be followed.

Maintenance workers should wear at least powered air-purifying respirators with HEPA filters and protective clothing (suit, hood, and boots) in case of a fiber release accident.

The asbestos-containing insulation should be removed as necessary for the repairs, and the repairs made using standard glovebag techniques, where possible. The glovebag technique is outlined in section 5:23-8.13 of NJAC 5:23-8.

b) Large Disturbances:

Maintenance activities which involve removal of three linear feet or more of asbestos-containing insulation shall be conducted by a licensed New Jersey Asbestos Removal Contractor in accordance with NJAC 5:23-8.

C. Other Materials:

i. Vinyl Asbestos Tile (VAT):

Vinyl asbestos floor tile (VAT) is not considered friable under most conditions. However, conditions may arise in which VAT becomes friable. Examples of this would include extreme weathering or any grinding, drilling, sawing or crushing of the material or any other situation or activity which renders the material easy to crumble or reduce to powder by hand pressure.

It should be noted that a material that is not considered friable before a given activity begins may become friable during that activity. If there is any doubt, a certified management planner should be consulted.

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Vinyl Asbestos Tile (Vat): (continued)

Should it become necessary to disturb small amounts of VAT (less than 3 square feet), workers should wear at least powered air purifying respirators with HEPA filters and protective clothing (suit, hood and boots). Workers should keep the material wet while disturbing by misting it with amended water. The tile should be removed by destroying the adhesive bond, removing nails or staples, or manually cutting the tiles with a sharp, non-corrugated cutting instrument or any other suitable method which minimizes the possibility of fiber release. If more than three square feet of material is to be disturbed, a licensed contractor should be utilized.

ii. Other Measures:

Special procedures should be followed when changing filters in the HVAC system. The filters should be misted with amended water when they are removed, placed in plastic bags, sealed, and discarded as asbestos waste. Workers should wear at least a powered air-purifying respirator.

VIII. Emergency Response Procedures:

As long as ACM remains in the building, a fiber release episode could occur. Custodial and maintenance workers should report to the asbestos program manager the presence of debris on the floor, water or physical damage to the ACM, or any other evidence of possible fiber release. Fiber release episodes can also occur during maintenance or renovation projects. The asbestos program manager should call an abatement contractor or assign a suitable trained in-house team to clean up debris and make repairs as soon as possible.

A. Minor Episodes:

Minor episodes, such as a small section of insulation (less than three linear feet) falling from a pipe or a careless workman bumping into a beam and dislodging a small amount of fireproofing ACM (less than three square feet) are defined as such in the AHERA rule. They can be treated with standard wet cleaning and HEPA vacuum techniques:

Workers should wear powered air-purifying respirators with HEPA filters, at a minimum.

Workers should thoroughly saturate the debris with amended water using a mister with a very fine spray. The debris should then be placed in a labeled, 6-mil plastic bag for disposal and the floor should be cleaned with damp cloths or a mop. Alternatively, the debris can be collected with a HEPA vacuum cleaner.

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Minor Episodes: (continued)

All debris and materials used in the cleanup should be discarded as asbestos waste.

Workers remove and discard as asbestos waste their disposable suits before leaving the work site and proceed to a shower room, shower with their respirators on, and clean their respirators while in the shower.

The damaged ACM should be repaired with asbestos-free spackling, plaster, cement or insulated, or sealed with latex paint or an encapsulant.

B. Major Episodes:

Major fiber release episodes are very serious events. Large amounts of ACM falling from heights of several feet may contaminate an entire building with asbestos fibers. If three square feet or more of surfacing ACM of three linear feet or more of thermal system insulation delaminate or is dislodged from its substrate, the episode should be considered major. A large breach in a containment barrier for a maintenance or abatement project should also be considered a major episode. Whenever a major fiber release episode occurs, a licensed asbestos removal contractor should be called in immediately to take corrective action.

Each fiber release episode should be documented. A report format is suggested in Figure 4. These procedures should be employed whether the building owner uses in-house staff or an outside asbestos abatement contractor. If an outside contractor is used, the procedures should be thoroughly discussed and proper training of the contractor's crew assured before signing the contract.

IX. Periodic ACM Surveillance:

Periodic review of the O&M program is essential to insure that the program objectives are being met. A key feature of the review is reinspection of all ACM in the building. Combined with ongoing reports of changes in the condition of the ACM made by services workers, the reinspection will insure that any damage or deterioration of the ACM will be detected and corrective action taken. Reinspection must be conducted every six months by the LEA and every three years by an accredited Building Inspector.

For surfacing materials, the person performing the inspection should look for incidental contact or water damage, evidence of air stream effects, and visible debris.

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Periodic ACM Surveillance: (continued)

For thermal system insulation, the inspector should look for water damage, incidental contact damage, debris from insulation on the floor and insure that the material has retained its integrity.

Periodic surveillance for miscellaneous materials should include an examination for contact damage or water damage.

X. Repairs:

Repairs of asbestos-containing materials would consist of patching or re-wrapping with non-asbestos products.

Rewrapping and painting provides a continuous unbroken membrane over the asbestos material locking in fibers and temporarily eliminating fiber release.

The same precautions as described in the "Disturbance of ACM Intended or Likely" section of this program should be employed.

XI. Record Keeping:

All written records discussed in this program shall be maintained as part of a thorough recordkeeping process. To review, these include:

- The written O&M plan itself, including work practices
- Building plans and drawings
- Survey data
- Copies of notification and warning programs
- Descriptions, times, dates, and attendants of training programs
- Written respiratory protection program and medical surveillance records
- Copies of all permits and documentation of custodial, maintenance, renovation and emergency response actions performed
- Periodic ACM surveillance records

OSHA REQUIRED SIGN

**DANGER--ASBESTOS
CANCER & LUNG DISEASE
Authorized Personnel Only
Respirators & Protective
Clothing are Required
In this Area!**

AHERA REQUIRED SIGN

CAUTION
ASBESTOS--HAZARDOUS
DO NOT DISTURB
WITHOUT PROPER
TRAINING & EQUIPMENT

PERMIT APPLICATION FOR PERFORMING MAINTENANCE/RENOVATION WORK

1. Exact location of area involved (including building number, room number, location within room, etc) _____

2. Description of work involved _____

3. Starting Date _____ Anticipated Completion Date _____
4. *Approximate amount of asbestos present (linear feet, square feet, size of tank, etc.) _____

5. *Asbestos control methods to be used (i.e., glovebag, HEPA vacuum, wet methods, etc.) _____

6. *Protective equipment to be used (respirator, coveralls, etc.) _____

7. Name and telephone number/extension of supervisor _____

TO BE FILLED OUT BY ASBESTOS PROGRAM MANAGER:

Permit _____ Accepted _____ Rejected _____
Signed _____ Print _____
Permit Number _____
Emergency contact _____

Please return this form to:

Name _____
Address or Mail Stop _____
Telephone or Extension _____

*Note: These items may have to be filled out by asbestos program manager.

FIBER RELEASE EPISODE REPORT

1. Address, building, and room number(s) (or description of area) where episode occurred: _____

2. The release episode was reported by _____
on _____ (date).
3. Describe the episode: _____

4. The asbestos-containing material was _____ / was not _____
cleaned up according to approved procedures. Describe the
cleanup: _____

Signed: _____ Date: _____
(Asbestos Program Manager)

REASSESSMENT OF ASBESTOS-CONTAINING MATERIALS

Location of asbestos-containing material(s) (address, building, room(s), or general description: _____

Type of asbestos-containing material(s):

1. Sprayed- or troweled-on ceilings or walls.
2. Sprayed- or troweled-on structural members.
3. Insulation on pipes, tanks, or boilers.
4. Other (describe): _____

Abatement Status:

1. The material has been encapsulated _____, enclosed _____, neither _____

Assessment:

1. Evidence of physical damage: _____
2. Evidence of water damage: _____
3. Evidence of delamination or other deterioration: _____
4. Degree of accessibility of the material: _____
5. Degree of activity near the material: _____
6. Location in an air plenum, air shaft, or air stream: _____
7. Other observations (including the condition of the encapsulant or enclosure, if any): _____

Signed: _____ Date: _____
(Evaluator)

ASB-15
JUN 88

New Jersey State Department of Health
Asbestos Control Service
CN 360, Trenton, NJ 08625-0360

878

FOR STATE USE ONLY

ASBESTOS MANAGEMENT PLAN
PLAN TO INFORM

Name of Responsible Governing Authority
West New York Board of Education

Name of Facility
Harry L. Bain School

Building Assessed
Harry L. Bain School

D. Describe the steps taken to inform maintenance personnel, building occupants, and/or legal guardians of children, regarding:

1. Inspections
2. Reinspections
3. Response Actions
4. Post-Response Action Activities
5. Periodic Reinspections
6. Surveillance Activities That are Planned or In Progress.

As required by AHERA P763, subpart E, Section 763.84, all workers and building occupants will be informed at least once each school year about inspections, response actions and post-abatement action activities including periodic reinspection and surveillance activities that are planned or in progress.

This notification shall be made via the following:

1. Direct mailing (see Appendix G for sample letters)
2. Bulletin board posting
3. Public meeting
4. Newsletters

Each notification shall include the following information:

1. School
2. Address
3. Location within the school
4. Date
5. Type of activities

Appendix G contains two typical letters used to provide this information to workers and building occupants.

Dear Employee, Parent or Legal Guardian,

As required by the Asbestos Hazard Emergency Response Act of 1987 - 40 Code of Federal Regulations, Part 763, Subpart E, the school board here gives notification of the following asbestos related activity at your school. (Check off below)

1. Three year reinspection ____
2. Response action ____
3. Post response action activities ____
4. Six month reinspection ____
5. Surveillance activities ____
6. Other ____

Description:

School Name: _____

Address: _____

Location: _____

Comments:

(Type of Activity) _____

If you have any questions, please contact the Board of Education office.

Sincerely,

Asbestos Program Manager

Dear Employee, Parent or Legal Guardian,

In compliance with the United States Department of Environmental Protection's (EPA) Asbestos Hazard Emergency Response Act (AHERA), 40 Code of Federal Regulation Part 763, Subpart E, the Board of Education herewith notifies you that the board has complied with requirements of performing an asbestos inspection and preparing an Asbestos Management Plan for each school under its jurisdiction.

This management plan is available for review both at the school and at the Board of Education's office between the hours of 9 A.M. and 3 P.M. If you have any questions, please contact the undersigned.

Sincerely,

Asbestos Program Manager

STATEMENT OF ASSURANCE

NAME OF RESPONSIBLE GOVERNING AUTHORITY		TELEPHONE NUMBER
West New York Board of Education		201-902-1112
STREET ADDRESS	TOWN	COUNTY
100 51st Street	West New York	Hudson
NAME OF ASBESTOS PROGRAM MANAGER	AFFILIATION	TELEPHONE NUMBER
Cathy DiNardo	ER&M Inc.	609-259-8077

FACILITY

NAME OF FACILITY		TELEPHONE NUMBER
Harry L. Bain School		201-902-1112
BUILDING ASSESSED		ASBESTOS MGT. PLAN NUMBER
same		
STREET ADDRESS	TOWN	COUNTY
6200 Broadway Street	West New York	Hudson
DATE THREE-YEAR REINSPECTION OCCURRED		August 22, 1994

INSPECTORS/ASSESSORS

1	NAME	ADDRESS	TELEPHONE NUMBER
	CATHY DINARDO	PO BOX 9026 TRENTON, NJ 08650	609-259-8077
2	AFFILIATION	STATE AND ACCREDITATION #	SIGNATURE
	ER&M INC.	NJ 11543	<i>Cathy DiNardo</i>
2	NAME	ADDRESS	TELEPHONE NUMBER
	GARY LEVERENCE	PO BOX 9026 TRENTON, NJ 08650	609-259-8077
2	AFFILIATION	STATE AND ACCREDITATION #	SIGNATURE
	ER&M INC.	NJ 11542	<i>Gary Leverence</i>

ASH-16
JUN 88

New Jersey State Department of Health
Asbestos Control Service
CN 360, Trenton, NJ 08625-0360

FOR STATE USE ONLY

ASBESTOS MANAGEMENT PLAN
EVALUATION OF RESOURCES

Name of Responsible Governing Authority

West New York Board of Education

Name of Facility

West New York Board of Education

Building Assessed

Harry L. Bain School

E. Evaluation of resources available to complete response actions successfully and carry out reinspection and operations and maintenance activities.

Operations & Maintenance Program for 1,440 sq. ft. V.A.T.

80 ln. ft. T.S.I.

INITIAL

\$6862.00

ANNUAL

\$3695.00

United States Testing Company, Inc.

OPERATION AND MAINTENANCE EQUIPMENT

<u>Equipment</u>	<u>Cost *</u>	<u>Estimated need* initiation of O&M Program</u>	<u>Estimated annual* Cost after First Year</u>
Half-face, dual-cartridge, negative pressure respirator	\$ 15.00/each	\$ 30.00	—
HEPA filter cartridges	\$ 35.00/box of 10	\$ 35.00	\$ 35.00
Powered air purifying respirator (recommended)	\$650.00/each	\$1300.00	—
Powered air purifying respirator cartridges	\$ 60.00/box of 10	\$ 60.00	\$ 60.00
Disposable coveralls	\$ 80.00/box of 25	\$ 80.00	\$ 80.00
Spray Bottles	\$ 3.00/each	\$ 12.00	—
Encapsulant	\$ 40.00/5gal drum	\$ 40.00	\$ 40.00
Glovebags	\$ 13.00/each	\$ 130.00	\$ 130.00
Surfactent for amended water	\$ 50.00/5gal drum	\$ 50.00	—
Plastic disposal bags (6 mil)	\$ 2.50/bag	\$ 125.00	\$ 125.00
Polyethylene Sheeting (6 mil, 10'x100')	\$ 50.00/roll	\$ 100.00	\$ 100.00
Hepa Vacuum	\$1500.00/each	\$1500.00	—
Replacement filter for HEPA vacuum	\$200.00/each	\$ 200.00	\$ 100.00
Spray Adhesive	\$ 2.50/can	\$ 25.00	\$ 25.00
Warning labels	\$ 75.00/500	\$ 75.00	—
Custodial Salaries (in man hours)	\$ 20.00/hr.	\$3000.00	\$ 3000.00

*All costs are estimated in 1988 dollars.

United States Testing Company, Inc.

COST OF ASBESTOS ABATEMENT AND REPAIR BY OUTSIDE CONTRACTORS

Abatement Costs:

<u>Removal</u>	<u>Cost*</u>
Sprayed-on fireproofing	\$45.00 sq.ft.
Boiler and flue duct breeching	\$35.00 sq. ft.
Thermal system insulation (pipe insulation, etc.)	\$35.00 lin. ft.
Accoustical Plaster	\$45.00 sq. ft.
Vinyl Asbestos tile	\$45.00 sq. ft.
Miscellaneous materials	\$45.00 sq. ft.

Repair:

Boiler and flue duct breeching	\$12.00 sq. ft.
Thermal system insulation (pipe insulation, etc.)	\$ 8.00 lin. ft.
Acoustical Plaster	\$12.00 sq. ft.
Miscellaneous materials	\$ 8.00 sq. ft.

*Include supervision by New Jersey Certified Asbestos Safety Technician.

United States Testing Company, Inc.

TRAINING

Training Cost

Cost

Maintenance and custodial staff
2 hour course.

\$1,500.00/day*

Maintenance and custodial staff
14 hour course

*This cost includes both the 2 hour course and the 14 hour course.

ASB-17
JUN 88

New Jersey State Department of Health
Asbestos Control Service
CM 340, Trenton, NJ 08620-0340

ASBESTOS REMOVAL FIRM
PREVIOUS/CURRENT ASBESTOS ABATEMENT LOG

Name of Responsible Governing Authority

West New York, Board of Education

Name of Facility

West New York, Board of Education

Building Assessed

Harry L. Bain School

F. Description of previous/current asbestos abatement log.

DATE: 8/19/83 to 9/1/83

DESCRIPTION: Removal of asbestos pipe and boiler insulation.

LOCATION: Basement boiler room

ASBESTOS REMOVAL CONTRACTOR: HRF Surface Cleaning, Inc.

2083 Center Avenue

Fort Lee, NJ 07024

Phone # Unavailable

NJ License # Unavailable

ASBESTOS SAFETY CONTROL -

MONITORING FIRM: Kaselaan & D'Angelo Associates, Inc.

P.O.Box 165

Haddonfield, NJ 08033

(609)227-7841

NJ License #0002

For final air sample results refer to Appendix H: Asbestos Abatement Reports

Certificates of Completion:

APPENDIX H

Storage/disposal site: Unavailable

No indication available, but appears to be routine abatement.

State of New Jersey
DEPARTMENT OF EDUCATION

OCCUPANCY PERMIT

Mr. L. Romano, Secy.
West New York Bd. of Ed.
100 51st St.
West New York, NJ 07093

Harry Bain, Sch. #1, Sch. #3 & Sch.
Building: #5-Asbestos Removal
District: West New York
County: Hudson
Approval No.: 15787

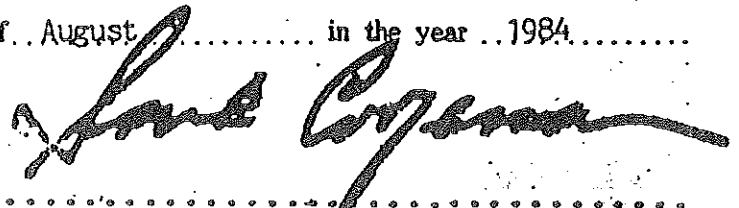
Gentlemen:

This will acknowledge your request for permission to occupy the subject building.

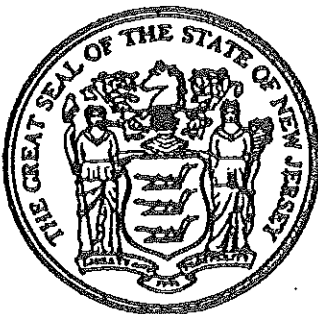
Our inspection of the project indicates that the building is substantially completed in accordance with the approved plans and specifications. Any items remaining to be completed are indicated in the attached copy of the final inspection report.

Since it does not appear that these items will adversely affect the health and safety of the pupils, you are hereby authorized to occupy the above project(s).

Approved and sealed this31..... day of ..August..... in the year ..1984.....



.....
Commissioner of Education



WHITE COPY - ORIGINAL APPROVAL
GOLDENROD COPY - COUNTY SUPERINTENDENT'S DUPLICATE

YELLOW COPY - OFFICE COPY
PINK COPY - ARCHITECT'S DUPLICATE

KASELAAN & D'ANGELO

ASSOCIATES, INC.

(609) 227-7841

Mailing Address:

P.O. BOX 165

HADDONFIELD, N.J. 08033

Shipping Address:

1233 BLACK HORSE PIKE

HILLTOP, N.J. 08012



TO: HRF Surface Cleaning, Inc.
140 Sylvan Avenue
Englewood Cliffs, N.J. 07632

DATE: 8/19/83

PROJECT NO.: 2042-76

SAMPLE: Airborne Asbestos

CERTIFICATE OF ANALYSIS

H.L. Bain School
West New York, New Jersey

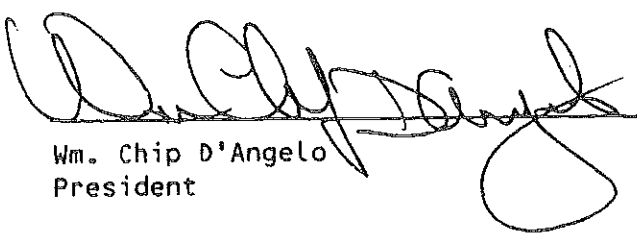
Removal Monitoring

<u>Sample/Location</u>	<u>Fibers</u>	<u>Volume Sampled</u>	<u>Fibers/cc</u>
0101 Area Sample outside, adjacent decontamination chamber	4,672	1,336 l	.003
0102 Inside area, adjacent pipes of boiler	119,139	134 l	.889
0103 Inside work area, adjacent workers removing pipe insulation	136,660	130 l	1.05

All volumes adjusted to standard temperature and pressure

NIOSH Method No. 239

PAT No. 420


Wm. Chip D'Angelo
President

KASELAAN & D'ANGELO

ASSOCIATES, INC.

Shipping Address:

1233 BLACK HORSE PIKE
HILLTOP, N.J. 08012

(609) 227-7841

Mailing Address:

P.O. BOX 10
HADDONFIELD, N.J. 08033



TO: HRF Surface Cleaning, Inc.
140 Sylvan Avenue
Englewood Cliffs, N.J. 07632

DATE: 8/23/83

PROJECT NO.: 2042-76

SAMPLE: Airborne Asbestos

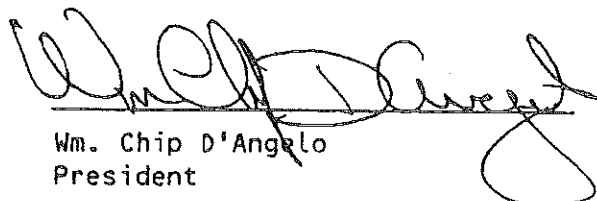
CERTIFICATE OF ANALYSIS

H.L. Bain School
West New York, New Jersey

Removal Monitoring

<u>Sample/Location</u>	<u>Fibers</u>	<u>Volume Sampled</u>	<u>Fibers/cc</u>
0201 Outside decontamination chamber	8,176	642 l	.013
0202 Inside Area Sample adjacent pipes	46,721	110 l	.425

NIOSH Method No. 239
PAT No. 420


Wm. Chip D'Angelo
President

KASELAAN & D'ANGELO

Shipping Address:
1233 BLACK HORSE PIKE
HILLTOP, N.J. 08012

ASSOCIATES, INC.
(609) 227-7841

Mailing Address:
P.O. BOX 10
HADDONFIELD, N.J. 08033



TO: HRF Surface Cleaning, Inc.
140 Sylvan Avenue
Englewood Cliffs, N.J. 07632

DATE: 8/24/83
PROJECT NO.: 2042-76
SAMPLE: Airborne Asbestos

CERTIFICATE OF ANALYSIS

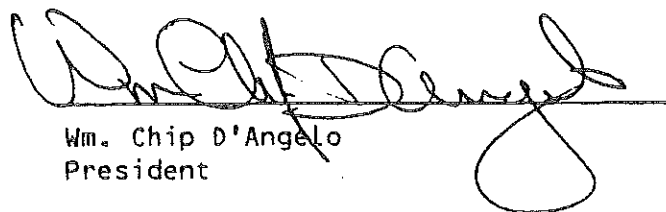
H.L. Bain School
West New York, New Jersey

Post-Test

<u>Sample/Location</u>	<u>Fibers</u>	<u>Volume Sampled</u>	<u>Fibers/cc</u>
Post 01 Inside boiler room with door closed	101,618	1,322 l	.077

Volume adjusted to standard temperature and pressure

NIOSH Method No. 239
PAT No. 420


Wm. Chip D'Angelo
President

Section 1			
Responsible Governing Authority West New York Board of Education		Facility/Building Harry Bains School	
Room/Functional Space Rooms 101,102			
Homogeneous ID No. 05	Material Description 9x9 Tan/Blue Floor tile	Footage 1250SF	ERM #
Date 8/17/95		8/17/95	
Beginning		Completion	
Incident #	Location of Work Room 102		Description/Methods Used Dispose of waste
Work Order No.			Footage 600 SF
Comments			
Total ACH Repaired		Total ACH Removed	Air Samples Taken? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Section 2			
Contractor Custom Clean	Address 1325 Stonehenge Drive Williamstown NJ 08094		
Accreditation/State NJ 00458	Phone 609-728-9742		
Contractor Supervisor Anthony Perna	Accreditation NJ 02727		
Project Designer/Affiliation		Accreditation	
Asbestos Monitoring Firm		Address	
Accreditation/State		Phone	
Technician On-Site		Accreditation	
Disposal Site Grows Landfill		Address 1513 Bordentown RD. Morrisville, Pa 19067	
Phone			
Waste Hauler Custom Clean Inc.		Phone/Date	
Designated Person/Date NJ DEP# 17992			

WASTE MANAGEMENT OF PENNSYLVANIA, INC.
1000 New Ford Mill Road
Morrisville, PA 19067
(215) 736-9400
(215) 736-9475 (To Schedule)

Document Reference No.: 94 A08195

ASBESTOS WASTE SHIPMENT RECORD

GENERATOR

1. WORK SITE NAME & MAILING ADDRESS

West New York (Boone School)
6300 Broadway
West New York, NJ 07093

Owner's Name

West New York
Board of Ed

Owner's Phone No.

201-902-1120

2. OPERATOR NAME & ADDRESS

Custom Clean, Inc.

1325 Stonehouse Dr. Williamstown, NJ 08094

Operator's Phone

9742
609-728-9742

3. WASTE DISPOSAL SITE:

CIRCLE ONE

G.R.O.W.S., Inc.
1513 Bordentown Road
Morrisville, PA 19067
(215) 736-9475

Tullytown Resource Recovery Facility
200 Bordentown Road
Tullytown, PA 19007
(215) 943-9732

4. NAME and ADDRESS OF RESPONSIBLE AGENCY

NJ DEPE
Trenton, NJ 08605

5. DESCRIPTION OF MATERIALS

CIRCLE ONE:

FRIABLE

NON-FRIABLE

6. CONTAINERS (bags/drum)

no. 175 type

7. QUANTITY

20 yds.

PROFILE/WASTE STREAM ID NUMBER:

WMA 165183

8. SPECIAL HANDLING INSTRUCTIONS: (Friable Asbestos Only) Waste double bagged and prewetted with an approved wetting agent. Asbestos. 9, NA2212, III, RQ

9. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Printed/Typed Name and Title

Anthony Porras Pres

Signature

Anthony Porras

Date

8/22/95

TRANSPORTER

10. TRANSPORTER (Acknowledgment of receipt of materials)
Address and Phone No.

Custom Clean, Inc.

1325 Stonehouse Dr. Williamstown, NJ 08094

609-728-9742

Printed/Typed Name and Title

Anthony Porras Pres

Signature

Anthony Porras

Date

8/22/95

DISPOSAL FACILITY

11. DISCREPANCY INDICATION SPACE:

12. WASTE DISPOSAL SITE - Owner/Operator:

Certification of receipt of asbestos materials covered by this manifest except as noted in item 11.

Printed/Typed Name and Title

Anthony Porras Pres

Signature

Anthony Porras

Date

8/22/95

ASB-18
JUN 80

New Jersey State Department of Health
Asbestos Control Service
CM 360, Trenton, NJ 08625-0360

FOR STATE USE ONLY

ASBESTOS MANAGEMENT PLAN
MAJOR/MINOR FIBER RELEASE EPISODE LOG

Name of Responsible Governing Authority

West New York Board of Education

Name of Facility

Harry L. Bain School

Building Assessed

Harry L. Bain School

G. Description of minor/major fiber release episode log, including the following information in the event of a fiber release episode:

1. Date of Episode
2. Location of Episode
3. Method of Repair
4. Preventive Measures or Response Actions Taken
5. Name, Address, Telephone Number, and Affiliation of Each Person Performing the Work
6. If ACM is Removed, the Name and Location of the Storage or Disposal Site for ACM.

The asbestos program manager shall be notified by the school custodial or maintenance staff and shall coordinate a response to each fiber release episode. The asbestos safety consultant shall be notified (United States Testing Co., Inc.) immediately.

The following information shall be recorded for each episode:

1. Date
2. Location
3. Method of repair
4. Response action taken
5. Asbestos abatement contractor if applicable, including license number
6. Asbestos safety control monitoring form if applicable, including license number
7. Storage or disposal site of removed ACM

Appendix I will be reserved for all records associated with asbestos fiber release episodes.

ASB-18
JUN 88

P
New Jersey State Department of Health
Asbestos Control Service
CN 360, Trenton, NJ 08625-0360

ASBESTOS MANAGEMENT PLAN
MAJOR/MINOR FIBER RELEASE EPISODE LOG

FOR STATE USE ONLY

Name of Responsible Governing Authority

West New York Board of Education

Name of Facility

Building Assessed

Harry L Bain (School #6)

G. Description of minor/major fiber release episode log, including the following information in the event of a fiber release episode:

1. Date of Episode
2. Location of Episode
3. Method of Repair
4. Preventive Measures or Response Actions Taken
5. Name, Address, Telephone Number, and Affiliation of Each Person Performing the Work
6. If ACBM is Removed, the Name and Location of the Storage or Disposal Site for ACM.

(A) Date of Episode February 16, 1993

(B) Harry L Bain School 6200 Broadway WNY, NJ (School #6)

(C) Response Action Taken

First Visual The Pipe Covering had no (Broken lagging hamping
cat). One length of Pipe Covering was removed.

Length of Covering removed was 2 and half feet long
The method of removing was (Glove Bag Removal)

(D) Only one person was essential for removal.

The one person has had the Special O and M Program

(1) John J Napieriski

216 County Ave.

Secaucus, New Jersey 07094

(201) 867-0959

(E) The Work was not done during normal school or
work hours. So as to avoid possible exposure to others.
Glove Bag, Cloths wetted with Wetting agent, All Contaminated
Articles were put into 6 mil bag, sealed with warning
Labels All six mil bags were double bagged with visible
labels in accordance with 40 CFR 61.20-25.
All bags were then put into a locktight container
which is under lock and key at the West New York
Board of Education Garage.

Designated Asbestos Coordinator

John J Napieriski

