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 supersede 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:**


-------------------------- 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
February 28, 2012

INSPECTION DATE:

Harry Dains School #6

BUILDING INSPECTED:

West New York, NJ 07093

6028 Broadway

West New York Board of Education

PREPARED FOR:

6-Month Surveillance
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 763.33. 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
Certificate of Completion

For 40 CFR Part 763
AHERA/Asbestos

NAETI

This is to certify that

Reg # 003270
This is to certify that

Cathy DiMarzo

has successfully completed the course entitled

1/2-Day EPA/NAETI Asbestos Refresher

on

June 13, 1998

Examination passed on

June 13, 1998

Management Planner Refresher

3321 Doris Avenue, Building B, Ocean, NJ 07712

President

June 13, 1997

Doris M. Adler

N/A

97

97

19

19

S/A #119-70-4042

June 13, 1997

rec. # 003273

NAETI

EPA/NAETI Accredited

Per 40 CFR Part 763

National Asbestos

& Environmental

Training Institute
Certificate of Completion

This is to certify that

[Name] has successfully completed the course entitled

[Course Title]

[Date of Examination]

Expiration date: [Expiration Date]

[Address]

[Phone Number]

[Signature]

[Date]

[Reg #]
This is to certify that

Gary R. Leverence

has successfully completed the course entitled

1/2-Day EPA/AHERA Asbestos Building Inspector Refresher

S/S #150-40-8334

REG # 003271
**PERIODIC SURVEILLANCE**

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<th>DATE OF CONSTRUCTION</th>
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<td>Harry Bains School</td>
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**ROOM/FUNCTIONAL SPACE:** Woodshop

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

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**DEBRIS PRESENT:** NO
**LOCATION:**

**COMMENTS:**

**INSPECTOR 1:** C. Dinardo  | **INSPECTOR 2:** G. Leverence  | **DATE:** 2/20/98

**DATE:** 3/19/98

**RESPONSE ACTION UPDATE**

- [ ] DAMAGED OR [ ] SIGNIFICANTLY DAMAGED THERMAL SYSTEM INSULATION
- [ ] ACM WITH POTENTIAL FOR DAMAGE
- [ ] 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**

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**COMMENTS:**

**MANAGEMENT PLANNER NAME:**

C. Dinardo
PERIODIC SURVEILLANCE

RESPONSIBLE GOVERNING AUTHORITY: West New York Board of Ed.
FACILITY/BUILDING: Harry Beims 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 FRangible?: NO

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DEBRIS PRESENT? NO LOCATION:

COMMENTS:

INSPECTOR 1: G. DiNardo | INSPECTOR 2: G. Leverence | DATE: 2/20/98

DATE: 3/19/98

RESPONSE ACTION UPDATE

1. MATERIAL FRangible? NO
   [ ] DAMAGED OR [ ] SIGNIFICANTLY DAMAGED THERMAL SYSTEM INSULATION
   [ ] ASHM WITH POTENTIAL FOR DAMAGE
   [ ] ASHM WITH POTENTIAL FOR SIGNIFICANT DAMAGE

2. HAS MATERIAL BEEN COMPLETELY ABATED? NO
   [ ] DAMAGED FRangible SURFACING ASHM
   [ ] SIGNIFICANTLY DAMAGED FRangible SURFACING ASHM
   [ ] ANY REMAINING FRangible ASHM OR FRangible SUSPECTED ASHM
   [ ] DAMAGED OR [ ] SIGNIFICANTLY DAMAGED FRangible MISCELLANEOUS ASHM

RESPONSE ACTION UPDATE | DATE OF RESPONSE | FOOTAGE | LOCATIONS
------------------------|-----------------|--------|------------
ASHM                    | ON-GOING        | 650 sf | See above Room/Functional Space
Replace                 | 9/98            | 3 sf   | Rm 313     |

COMMENTS:

MANAGEMENT PLANNER NAME: G. DiNardo
**PERIODIC SURVEILLANCE**

**RESPONSIBLE GOVERNING AUTHORITY:** West New York Board of Ed.

**FACILITY/BUILDING:** Harry Bing School

**DATE OF CONSTRUCTION**

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<tr>
<td>05</td>
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<td>625 sf</td>
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**ROOM/FUNCTIONAL SPACE:** Rm 101

**HAS PREVIOUS RESPONSE ACTION BEEN COMPLETED:** YES

**IS MATERIAL DAMAGED:** YES

**IS MATERIAL FRIABLE:** NO

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<td>Rm 101 near restm.</td>
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**DEBRIS PRESENT? NO**

**LOCATION:**

**COMMENTS:**

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<th>INSPECTOR 2: G. Leverence</th>
<th>DATE: 2/20/98</th>
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**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
   - [ ] ANY REMAINING FRIABLE ACBM OR FRIABLE SUSPECTED ACBM
   - [ ] ANY REMAINING FRIABLE ACBM OR FRIABLE MISCELLANEOUS ACM

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<td>Repair/replace</td>
<td>9/98</td>
<td>1 sf</td>
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**COMMENTS:**

**MANAGEMENT PLANNER NAME:**

C. DiNardo
PERIODIC SURVEILLANCE

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

ROOM/FUNCTIONAL SPACE: Rm 101

MATERIAL DESCRIPTION: Mastic assoc w/9x9 cm/blur spot floor tile
FOOTAGE: 625 sf

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. DiMando
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
   [ ] ACM WITH POTENTIAL FOR DAMAGE

2. HAS MATERIAL BEEN COMPLETELY
   ABATED?: NO
   [ ] DAMAGED FRIABLE SURFACING ACM
   [ ] SIGNIFICANTLY DAMAGED FRIABLE SURFACING ACM
   [ ] ANY REMAINING FRIABLE ACM OR
   FRIABLE SUSPECTED ACM
   [ ] DAMAGED OR [ ] SIGNIFICANTLY DAMAGED
   FRIABLE MISCELLANEOUS ACM

RESPONSE ACTION UPDATE

COMMENTS:

MANAGEMENT PLANNER NAME:

C. DiMando
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HAS PREVIOUS RESPONSE ACTION BEEN COMPLETED? YES
IS MATERIAL DAMAGED? NO
IS MATERIAL FRIBABLE? NO

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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 FRIBABLE? NO
2. HAS MATERIAL BEEN COMPLETELY ABATED? NO

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sf
sf
sf

COMMENTS:

MANAGEMENT PLANNER NAME:
C. DiNardo
**PERIODIC SURVEILLANCE**

**RESPONSIBLE GOVERNING AUTHORITY:** West New York Board of Ed.

**FACILITY/BUILDING:** Harry Bains School

**DATE OF CONSTRUCTION:**

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<td>0H</td>
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**ROOM/FUNCTIONAL SPACE:** Office restroom

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

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**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
   - [ ] ACM WITH POTENTIAL FOR DAMAGE
   - [ ] ACM WITH POTENTIAL FOR SIGNIFICANT DAMAGE
   - [ ] ANY REMAINING FRIABLE ACM OR FRIABLE SUSPECTED ACM

2. **HAS MATERIAL BEEN COMPLETELY ABATED?** NO
   - [ ] DAMAGED FRIABLE SURFACING ACM
   - [ ] SIGNIFICANTLY DAMAGED FRIABLE SURFACING ACM
   - [ ] FRIABLE MISCELLANEOUS ACM

**RESPONSE ACTION UPDATE**

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<tr>
<td>Ongoing</td>
<td>9/98</td>
<td>2 sf</td>
<td>Office restroom</td>
</tr>
<tr>
<td></td>
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</table>

**COMMENTS:**

**MANAGEMENT PLANNER NAME:** C. DiNardo
**PERIODIC SURVEILLANCE**

**RESPONSIBLE GOVERNING AUTHORITY:** West New York Board of Ed.

**FACILITY/BUILDING:** Barry Weing School

**DATE OF CONSTRUCTION:**

<table>
<thead>
<tr>
<th>HOMOGENEOUS ID, NO.</th>
<th>MATERIAL DESCRIPTION</th>
<th>FOOTAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0SA</td>
<td>Mastic assoc/w 9x9 rust spot floor tile</td>
<td>100 sf</td>
</tr>
</tbody>
</table>

**ROOM/FUNCTIONAL SPACE:** Office Storage

**HAS PREVIOUS RESPONSE ACTION BEEN COMPLETED?** YES

**IS MATERIAL DAMAGED?** NO

**IS MATERIAL FRIABLE?** NO

<table>
<thead>
<tr>
<th>TYPE DAMAGE</th>
<th>AMOUNT</th>
<th>LOCATIONS</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>TYPE DAMAGE</th>
<th>AMOUNT</th>
<th>LOCATIONS</th>
</tr>
</thead>
</table>

**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
   - [ ] ACRM WITH POTENTIAL FOR DAMAGE

2. **HAS MATERIAL BEEN COMPLETELY ABATED? NO**
   - [ ] DAMAGED FRIABLE SURFACING ACRM
   - [ ] SIGNIFICANTLY DAMAGED FRIABLE SURFACING ACRM
   - [ ] ANY REMAINING FRIABLE ACRM OR FRIABLE SUSPECTED ACRM
   - [ ] DAMAGED OR [ ] SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACRM

**RESPONSE ACTION UPDATE**

<table>
<thead>
<tr>
<th>RESPONSE ACTION UPDATE</th>
<th>DATE OF RESPONSE</th>
<th>FOOTAGE</th>
<th>LOCATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>O&amp;M</td>
<td>ON-GOING</td>
<td>100 sf</td>
<td>See above Room/Functional Space</td>
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</tbody>
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**COMMENTS:**

**MANAGEMENT PLANNER NAME:**

C. DiNardo
**PERIODIC SURVEILLANCE**

<table>
<thead>
<tr>
<th>RESPONSIBLE GOVERNING AUTHORITY:</th>
<th>FACILITY/BUILDING:</th>
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<tbody>
<tr>
<td>West New York Board of Ed.</td>
<td>Harry Bains School</td>
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</table>

<table>
<thead>
<tr>
<th>HOMOGENEOUS ID. NO.:</th>
<th>MATERIAL DESCRIPTION:</th>
<th>FOOTAGE:</th>
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<tbody>
<tr>
<td>15</td>
<td>Ceiling plaster</td>
<td>12,000 sf</td>
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ROOM/FUNCTIONAL SPACE: Throughout facility

<table>
<thead>
<tr>
<th>HAS PREVIOUS RESPONSE ACTION BEEN COMPLETED?:</th>
<th>IS MATERIAL DAMAGED?:</th>
<th>IS MATERIAL FRIABLE?:</th>
</tr>
</thead>
<tbody>
<tr>
<td>YES</td>
<td>YES</td>
<td>YES</td>
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<table>
<thead>
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<th>LOCATIONS</th>
<th>TYPE DAMAGE</th>
<th>AMOUNT</th>
<th>LOCATIONS</th>
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</thead>
<tbody>
<tr>
<td>Physical</td>
<td>1.00</td>
<td>Hntr hll by boys restrm.</td>
<td>Physical</td>
<td>2.00</td>
<td>Basement Cafe. near Custodial Rm.</td>
</tr>
<tr>
<td>Physical</td>
<td>1.00</td>
<td>Rm 218 near windows</td>
<td>Physical</td>
<td>1.00</td>
<td>306</td>
</tr>
<tr>
<td>Physical</td>
<td>1.00</td>
<td>Rm 215 near windows</td>
<td>Physical</td>
<td>3.00</td>
<td>Rm 309 above air handler</td>
</tr>
<tr>
<td>Physical</td>
<td>1.00</td>
<td>Girls Rm by 108</td>
<td>Water</td>
<td>2.00</td>
<td>Hall opposite Rm 312</td>
</tr>
</tbody>
</table>

DEBRIS PRESENT? NO | LOCATIONs: |
|-------------------|------------|

COMMENTS: see also lab results from US Testing No. 5999

INSPECTOR 1: C. DiNardo | INSPECTOR 2: G. Leverence | DATE: 2/20/98

DATE: 3/19/98

RESPONSE ACTION UPDATE
----------------------

1. MATERIAL FRIABLE? YES
   [ ] DAMAGED OR [ ] SIGNIFICANTLY DAMAGED THERMAL SYSTEM INSULATION
   [ ] ACM WITH POTENTIAL FOR DAMAGE

2. HAS MATERIAL BEEN COMPLETELY ABATED? NO
   [ ] DAMAGED FRIABLE SURFACING ACM
   [ ] 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
----------------------|------------------|--------|------------------|
| ACM                 | ON-GOING         | 12,000 sf | See above Room/Functional Space |
| Repair              | 9/98             | 12 sf   | See above damage locations |

COMMENTS:

MANAGEMENT PLANNER NAME:
C. DiNardo
**RESPONSIBLE GOVERNING AUTHORITY:** West New York Board of Ed.

**FACILITY/BUILDING:** Harry Barnes School

**DATE OF CONSTRUCTION**

**HOMOGENEOUS ID. NO.:** 16

**MATERIAL DESCRIPTION:** Aircell pipe insulation

**FOOTAGE:** 15 lf

**ROOM/FUNCTIONAL SPACE:** Sub-basement entrance, assumed in girls' restroom/bench box, assumed in telephone room/bench

**HAS PREVIOUS RESPONSE ACTION BEEN COMPLETED?:** YES

**IS MATERIAL DAMAGED?:** NO

**IS MATERIAL FRIABLE?:** YES

<table>
<thead>
<tr>
<th>TYPE DAMAGE</th>
<th>AMOUNT</th>
<th>LOCATIONS</th>
</tr>
</thead>
<tbody>
<tr>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

**DEBRIS PRESENT? NO**

**LOCATION:**

**COMMENTS:**

**INSPECTOR 1: C. DiNardo**

**INSPECTOR 2: G. Leverence**

**DATES:** 2/26/98

**DATE:** 3/19/98

**RESPONSE ACTION UPDATE**

1. **MATERIAL FRIABLE? YES**
   - 1 DAMAGED OR 1 SIGNIFICANTLY DAMAGED THERMAL SYSTEM INSULATION

2. **HAS MATERIAL BEEN COMPLETELY ABATED? NO**
   - 1 DAMAGED FRIABLE SURFACING ACM
   - 1 SIGNIFICANTLY DAMAGED FRIABLE SURFACING ACM
   - 1 DAMAGED OR 1 SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM

**RESPONSE ACTION UPDATE**

**DATE OF RESPONSE**

**FOOTAGE**

**LOCATIONS**

**OEM**

ON-GOING

15 lf

See above Room/Functional Space

lf

lf

lf

**COMMENTS:**

**MANAGEMENT PLANNER NAME:**

C. DiNardo
**PERIODIC SURVEILLANCE**

**RESPONSIBLE GOVERNING AUTHORITY:** West New York Board of Ed.  
**FACILITY/BUILDING:** Harry Balma 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

<table>
<thead>
<tr>
<th>TYPE DAMAGE</th>
<th>AMOUNT</th>
<th>LOCATIONS</th>
<th>TYPE DAMAGE</th>
<th>AMOUNT</th>
<th>LOCATIONS</th>
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**DEBRIS PRESENT?** NO  
**LOCATION:**

**COMMENTS:**

**INSPECTOR 1:** C. DiMardo  
**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 ACBM  
   - [ ] SIGNIFICANTLY DAMAGED FRIABLE SURFACING ACBM  
   - [ ] ANY REMAINING FRIABLE ACBM OR FRIABLE SUSPECTED ACBM  
   - [ ] DAMAGED OR [ ] SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACBM

<table>
<thead>
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<th>DATE OF RESPONSE</th>
<th>FOOTAGE</th>
<th>LOCATIONS</th>
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</thead>
<tbody>
<tr>
<td>O&amp;M</td>
<td>ON-GOING</td>
<td>60 sf</td>
<td>See above Room/Functional Space sf</td>
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**COMMENTS:**

**MANAGEMENT PLANNER NAME:**

C. DiMardo
PERIODIC SURVEILLANCE

RESponsible Governing Authority: New York Board of Ed.
FACILITY/BUILDING: Harry Barnes 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

<table>
<thead>
<tr>
<th>TYPE DAMAGE</th>
<th>AMOUNT</th>
<th>LOCATIONS</th>
</tr>
</thead>
<tbody>
<tr>
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</tbody>
</table>

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
   [ ] ACM WITH POTENTIAL FOR DAMAGE
   [ ] ACM WITH POTENTIAL FOR SIGNIFICANT DAMAGE

2. HAS MATERIAL BEEN COMPLETELY ASBESTOSIZED? No
   [ ] DAMAGED FRIABLE SURFACING ACM
   [ ] 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
-------------------------|------------------|--------|-----------
OEB | ON-GOING | 21 sf | See above Room/Functional Space |
| sf | |

COMMENTS:

MANAGEMENT PLANNER NAME: C. DiNardo
<table>
<thead>
<tr>
<th>C/O</th>
<th>C/O</th>
<th>C/O</th>
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<tbody>
<tr>
<td>525 ft</td>
<td>525 ft</td>
<td>16</td>
<td>16</td>
</tr>
<tr>
<td>525 ft</td>
<td>525 ft</td>
<td>16</td>
<td>16</td>
</tr>
<tr>
<td>525 ft</td>
<td>525 ft</td>
<td>16</td>
<td>16</td>
</tr>
<tr>
<td>525 ft</td>
<td>525 ft</td>
<td>16</td>
<td>16</td>
</tr>
</tbody>
</table>

**Total:** 10.00 feet x 10.00 feet

**Total Damage:** 10.00 feet x 10.00 feet

**Total Percentage Damage:**

<table>
<thead>
<tr>
<th>Percentage Damage</th>
<th>Percentage Damage</th>
<th>Percentage Damage</th>
<th>Percentage Damage</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.00%</td>
<td>0.00%</td>
<td>0.00%</td>
<td>0.00%</td>
</tr>
<tr>
<td>0.00%</td>
<td>0.00%</td>
<td>0.00%</td>
<td>0.00%</td>
</tr>
<tr>
<td>0.00%</td>
<td>0.00%</td>
<td>0.00%</td>
<td>0.00%</td>
</tr>
<tr>
<td>0.00%</td>
<td>0.00%</td>
<td>0.00%</td>
<td>0.00%</td>
</tr>
</tbody>
</table>

**Total Percentage Damage:** 0.00%

**Total Percentage Damage:** 0.00%

**Total Percentage Damage:** 0.00%

**Total Percentage Damage:** 0.00%

**Total Percentage Damage:** 0.00%
(VOLUME 2)

West New York Board of Education

Harry Bains School

AHERA Management Plan

Prepared By:

Environmental Remediation & Management, Inc.
(ER&M)
1. FLOOR PLAN
SITE PLAN

1. Harry L. Bain Elementary School building
<table>
<thead>
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<th>no.</th>
<th>area</th>
<th>function</th>
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<tbody>
<tr>
<td>1</td>
<td>255</td>
<td>office</td>
</tr>
<tr>
<td>2</td>
<td>276</td>
<td>dressing room</td>
</tr>
<tr>
<td>3</td>
<td>255</td>
<td>office</td>
</tr>
<tr>
<td>4</td>
<td>1835</td>
<td>gymnasium</td>
</tr>
<tr>
<td>5</td>
<td>260</td>
<td>balcony - above</td>
</tr>
<tr>
<td>6</td>
<td>510</td>
<td>stage</td>
</tr>
<tr>
<td>7</td>
<td>5335</td>
<td>multi-purpose assembly/dining/music</td>
</tr>
<tr>
<td>8</td>
<td>1060</td>
<td>art</td>
</tr>
<tr>
<td>9</td>
<td>750</td>
<td>music</td>
</tr>
<tr>
<td>10</td>
<td>375</td>
<td>kitchen</td>
</tr>
<tr>
<td>11</td>
<td>2080</td>
<td>multi-purpose room</td>
</tr>
<tr>
<td>12</td>
<td>1080</td>
<td>industrial arts</td>
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<tr>
<td>13</td>
<td>2015</td>
<td>gymnasium</td>
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<tr>
<td>14</td>
<td>370</td>
<td>locker room</td>
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<td>function</td>
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</tr>
<tr>
<td>1</td>
<td>695</td>
<td>classroom</td>
</tr>
<tr>
<td>2</td>
<td>695</td>
<td>classroom</td>
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<td>930</td>
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<tr>
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<td>930</td>
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<td>5</td>
<td>1980</td>
<td>upper stage/auditorium</td>
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<tr>
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<td>70</td>
<td>balcony</td>
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<tr>
<td>7</td>
<td>600</td>
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<tr>
<td>8</td>
<td>720</td>
<td>classroom</td>
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<tr>
<td>9</td>
<td>720</td>
<td>classroom</td>
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<td>classroom</td>
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<tr>
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<td>830</td>
<td>home economics combination</td>
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<td>function</td>
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<td>-------------------------------</td>
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<tr>
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<td>classroom</td>
</tr>
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<td>245</td>
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<td>3</td>
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<td>5</td>
<td>745</td>
<td>home economics combination</td>
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<tr>
<td>6</td>
<td>210</td>
<td>teachers' room</td>
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<tr>
<td>7</td>
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<td>classroom</td>
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<td>9</td>
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<tr>
<td>10</td>
<td>720</td>
<td>classroom</td>
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</tr>
<tr>
<td>Damage</td>
<td>Severe</td>
<td>Work</td>
</tr>
<tr>
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**Damage Severity**

<p>| | | | |</p>
<table>
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**Room**

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**List All Locations**

<p>| | | | |</p>
<table>
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**Building Assessment:** Harry Elkins School

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**Asbestos Management Plan - Homogeneous Material Identification**

<p>| | | | |</p>
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**Asbestos Control Service**

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</table>

**New Jersey State Department of Health**

<p>| | | | |</p>
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<tbody>
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</tbody>
</table>

**Client Name:** West New York Board of Ed.
<table>
<thead>
<tr>
<th>Office</th>
<th>Room 101</th>
<th>Library</th>
</tr>
</thead>
</table>

- **Asbestos (Non-Asbestos)**
  - Floor Title: 6'x9' Riser Spot Floor Title
  - Material of Material: Homogeneous No. 1, Assumed

- **Non-Asbestos (Non-Asbestos)**
  - Floor Title: 6'x9' Dark Brown Floor
  - Material of Material: Homogeneous No. 1, Assumed

**Building Assigned:** Harry Elson School

**Client Name:** Heart of the School

**Asbestos Management Plan - Homogeneous Material Identification**

- CN 069, Title 3: 0665-0500
- **Asbestos Control Service**

**New Jersey State Department of Health**

**FOR STATE USE ONLY**
<table>
<thead>
<tr>
<th>Severe</th>
<th>Occasional</th>
<th>Minor</th>
<th>Damage Severity</th>
<th>Floor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

- **Severe**: Floor 0, Location Library, old board of ed - office
- **Occasional**: Floor 1, Location Library, old board of ed - office
- **Minor**: Floor 2, Location Library, old board of ed - office

**Building Assessment**: West New York Board of Ed.

**Client Name**: West New York Board of Ed.

**Asbestos Management Plan - Homogeneous Material Identification**

- Homeowner ID: 000000
- Homeowner ID: 000000

- For State Use Only

**Asbestos Control Service**

- Assisted in transition on 0859-0360
<table>
<thead>
<tr>
<th>LOCATION</th>
<th>DESCRIPTION OF MATERIAL</th>
<th>AMOUNT</th>
<th>HOMOGENEOUS ID NO.</th>
<th>SAMPLED</th>
<th>ASSUMED</th>
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</table>

**Building Asbestos Assessment:** Henry M. Barn School

**Client Name:** West New York Board of Ed.

**Asbestos Management Plan - Homogeneous Material Identification**

- Onsite, #9625-0160
- Asbestos Control Service
- New Jersey State Department of Health
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
1. FLOOR PLAN

2. CURRENT MANAGEMENT PLAN UPDATE REPORT  
   (August 22, 1997 - February 20, 1998)

3. CURRENT MANAGEMENT PLAN UPDATE REPORT  
   (February 20, 1998 - August 20, 1998)

4. CURRENT MANAGEMENT PLAN UPDATE REPORT  
   (August 20, 1998 - February 25, 1999)

5. CURRENT MANAGEMENT PLAN UPDATE REPORT  
   (February 25, 1999 - August 30, 1999)

6. CURRENT MANAGEMENT PLAN UPDATE REPORT  
   (August 30, 1999 - February 28, 2000)

7. CURRENT MANAGEMENT PLAN UPDATE REPORT  
   TRI-ANNUAL INSPECTION  
   (February 28, 2000 - August 29, 2000)

8. CURRENT MANAGEMENT PLAN UPDATE REPORT  
   (August 29, 2000 - February 23, 2001)

9. CURRENT MANAGEMENT PLAN UPDATE REPORT  
   (February 23, 2001 - August 28, 2001)

10. CURRENT MANAGEMENT PLAN UPDATE REPORT  
    (August 28, 2001 - February 28, 2002)

11. CURRENT MANAGEMENT PLAN UPDATE REPORT  
    (February 28, 2002 - August 28, 2002)

12. CURRENT MANAGEMENT PLAN UPDATE REPORT  
    (August 28, 2002 - February 28, 2003)

13. CURRENT MANAGEMENT PLAN UPDATE REPORT  
    TRI-ANNUAL INSPECTION  
    (February 28, 2003 - August 28, 2003)

14. CURRENT MANAGEMENT PLAN UPDATE REPORT  
    (August 28, 2003 - February 26, 2004)
15. CURRENT MANAGEMENT PLAN UPDATE REPORT  
   (February 26, 2004 - August 26, 2004)

16. CURRENT MANAGEMENT PLAN UPDATE REPORT  
   (August 26, 2004 - February 28, 2005)

17. CURRENT MANAGEMENT PLAN UPDATE REPORT  
   (February 28, 2005 - August 29, 2005)

18. CURRENT MANAGEMENT PLAN UPDATE REPORT  
   (August 29, 2005 - February 27, 2006)

19. CURRENT MANAGEMENT PLAN UPDATE REPORT  
   TRI-ANNUAL REINSPECTION  
   (February 27, 2006 - August 25, 2006)

20. CURRENT MANAGEMENT PLAN UPDATE REPORT  
   (August 25, 2006 - February 27, 2007)

21. CURRENT MANAGEMENT PLAN UPDATE REPORT  
   (February 27, 2007 - August 27, 2007)

22. CURRENT MANAGEMENT PLAN UPDATE REPORT  
   (August 27, 2007 - February 13, 2008)

23. CURRENT MANAGEMENT PLAN UPDATE REPORT  
   (February 13, 2008 - August 13, 2008)

24. CURRENT MANAGEMENT PLAN UPDATE REPORT  
   (August 13, 2008 - February 16, 2009)

25. CURRENT MANAGEMENT PLAN UPDATE REPORT  
   TRI-ANNUAL REINSPECTION  
   (February 16, 2009 - August 17, 2009)

26. CURRENT MANAGEMENT PLAN UPDATE REPORT  
   (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

signature

Cathy DiNardo
National Asbestos & Environmental Training Institute

CERTIFICATE OF COMPLETION

Cathy DiNardo

Successfully completed the course entitled
1/2-Day EPA/AMERIA Asbestos Building Inspector Annual Refresher on
March 23, 2009

Expiration Date on March 23, 2010

President, NAETI

For I 0 N Y C R Part 763
DOH Certificate of Completion of Asbestos
Safety Training is the only official record of training for N Y S. students.
Language: English

2321 Doris Avenue, Building E, Ocean, NJ 07712
Phone (732) 351-5877
Fax (732) 351-5956
www.nacti.com
National Asbestos & Environmental Training Institute

CERTIFICATE OF COMPLETION

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. Atler
President, NAETI

For 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

AB/1H 1/2 CM POINT
PERIODIC SURVEILLANCE

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

HOMOGENEOUS ID#: 02A S MATERIAL DESCRIPTION: Mastic associat 12x12 tan tread floor illo
FOOTAGE: 450

ROOM/FUNCTIONAL SPACE: Woodshop

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

<table>
<thead>
<tr>
<th>TYPE DAMAGE AMOUNT</th>
<th>LOCATIONS</th>
<th>TYPE DAMAGE AMOUNT</th>
<th>LOCATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>sf</td>
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</table>

IS THERE DEBRIS PRESENT? N
LOCATION: 

COMMENTS:
INSPECTOR 1: C. Dinardo

INSPECTOR 2: 

DATE: 2/17/2010

REPORT ACTION UPDATE
DATE: 3/17/2010

[ ] DAMAGED OR [ ] SIGNIFICANTLY DAMAGED THERMAL SYSTEM INSULATION
[ ] DAMAGED FRIABLE SURFACING ACM
[ ] SIGNIFICANTLY DAMAGED FRIABLE SURFACING ACM
[ ] DAMAGED OR [ ] SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM

[X] 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 450 sf See above Room/Functional Space
sf
sf
sf
sf
sf

COMMENTS:

MANAGEMENT PLANNER NAME: C. Dinardo
**RESPONSIBLE GOVERNING AUTHORITY:**
West New York Board of Ed.

**FACILITY/BUILDING:**
Harry Ballas School

**DATE OF CONSTRUCTION:**

**HOMOGENEOUS ID#:** SIA 04

**MATERIAL DESCRIPTION:**
12x12 Brown stone-look floor tile

**FOOTAGE:**
650

**ROOM/FUNCTIONAL SPACE:**
Rm 313

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

<table>
<thead>
<tr>
<th>TYPE DAMAGE AMOUNT</th>
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<th>TYPE DAMAGE AMOUNT</th>
<th>LOCATIONS</th>
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</tbody>
</table>

**IS THERE DEBRIS PRESENT?** N

**LOCATION:**

**COMMENTS:**

**INSPECTOR 1:** C. DiNardo

**INSPECTOR 2:**

**DATE:** 2/17/2010

**RESPONSE ACTION UPDATE**

- [ ] DAMAGED OR [ ] SIGNIFICANTLY DAMAGED THERMAL SYSTEM INSULATION
- [ ] DAMAGED FRIABLE SURFACING ACM
- [ ] SIGNIFICANTLY DAMAGED FRIABLE SURFACING ACM
- [ ] DAMAGED OR [ ] SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM
- [X] ACBM WITH POTENTIAL FOR DAMAGE
- [ ] ACBM WITH POTENTIAL FOR SIGNIFICANT DAMAGE
- [ ] ANY REMAINING FRIABLE ACBM OR FRIABLE SUSPECTED ACBM

**RESPONSE ACTION UPDATE**

<table>
<thead>
<tr>
<th>DATE OF RESPONSE</th>
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<tr>
<td>D&amp;M ON-GOING</td>
<td>650 sf</td>
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</table>

**COMMENTS:**

**MANAGEMENT PLANNER NAME:**
C. DiNardo
**PERIODIC SURVEILLANCE**

**RESPONSIBLE GOVERNING AUTHORITY:** West New York Board of Ed.

**FACILITY/BUILDING:** Harry Hall School

**DATE OF CONSTRUCTION:**

**HOMOGENEOUS ID#: S/A**

<table>
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<tr>
<th>SIF</th>
<th>MATERIAL DESCRIPTION</th>
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<tbody>
<tr>
<td>05</td>
<td>9x9 Tanblue spot floor tile</td>
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</table>

**ROOM/FUNCTIONAL SPACE:**

Rms 101

**FOOTAGE:** 625

**HAS PREVIOUS RESPONSE ACTION BEEN COMPLETED?** Y

**IS MATERIAL DAMAGED?** N

**IS MATERIAL FRIABLE?** N

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<tr>
<th>TYPE DAMAGE AMOUNT</th>
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</table>

**IS THERE DEBRIS PRESENT?** N

**LOCATION:**

**COMMENTS:** Rm. 101 now beneath new 12" tile

**INSPECTOR 1:** C. DiNardo

**INSPECTOR 2:**

**DATE:** 2/17/2010

**DATE: 3/17/2010**

1. **IS MATERIAL FRIABLE?** N

2. **HAS MATERIAL BEEN COMPLETELY ABATED?** N

**RESPONSE ACTION UPDATE**

- [ ] DAMAGED OR [ ] SIGNIFICANTLY DAMAGED THERMAL SYSTEM INSULATION
- [X] ACBM WITH POTENTIAL FOR DAMAGE
- [ ] DAMAGED FRIABLE SURFACING ACM
- [X] ACBM WITH POTENTIAL FOR SIGNIFICANT DAMAGE
- [X] ANY REMAINING FRIABLE ACBM OR FRIABLE SUSPECTED ACBM
- [ ] SIGNIFICANTLY DAMAGED FRIABLE SURFACING ACM
- [ ] DAMAGED OR [ ] SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM

<table>
<thead>
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<th>DATE OF RESPONSE</th>
<th>FOOTAGE</th>
<th>LOCATIONS</th>
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<tr>
<td>O&amp;M</td>
<td>ON-GOING</td>
<td>625 sf</td>
<td>See above Room/Functional Space</td>
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**COMMENTS:**

**MANAGEMENT PLANNER NAME:** C. DiNardo
RESPONSIBLE GOVERNING AUTHORITY: West New York Board of Ed.
FACILITY/BUILDING: Harry Bains School
HOMOGENEOUS ID#: S/A 05A
MATERIAL DESCRIPTION: Mastic assoc w 9x9 tan/blue spot floor tile
FOOTAGE: 625
ROOM/FUNCTIONAL SPACE: Rm 101

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

<table>
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<tr>
<th>TYPE DAMAGE AMOUNT</th>
<th>LOCATIONS</th>
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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 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

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<th>FOOTAGE</th>
<th>LOCATIONS</th>
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<tbody>
<tr>
<td>O&amp;M</td>
<td>ON-GOING</td>
<td>625 sf</td>
<td>See above Room/Functional Space</td>
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COMMENTS:

MANAGEMENT PLANNER NAME: C. Dinardo
**PERIODIC SURVEILLANCE**

**RESPONSIBLE GOVERNING AUTHORITY:** West New York Board of Ed.

**FACILITY/BUILDING:** Harry Bains School

**DATE OF CONSTRUCTION:** 

**HOMOGENEOUS ID#:** SIA 06A A  

**MATERIAL DESCRIPTION:** Mastic assoc/w 0x0 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 |

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

**IS THERE DEBRIS PRESENT?** N

**LOCATION:**

**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 COMPLETELY ABATED?** N

| [ ] DAMAGED OR [ ] SIGNIFICANTLY DAMAGED THERMAL SYSTEM INSULATION |
| [ ] DAMAGED FRIABLE SURFACING ACM |
| [ ] SIGNIFICANTLY DAMAGED FRIABLE SURFACING ACM |
| [ ] 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 |
| sf | sf |
| sf | sf |
| sf | sf |

**COMMENTS:**

**MANAGEMENT PLANNER NAME:**

C. DiNardo
### Periodic Surveillance

**Responsibility Authority:** West New York Board of Ed.  
**Facility/Building:** Harry Bevis School  
**Date of Construction:**  
**Homogeneous ID#: S/A 08A**  
**Material Description:** Mastic asso w 9x9 rust spot floor tile  
**Footage:** 100

**Room/Functional Space:** Office storage (new Guidance)

---

**Has Previous Response Action Been Completed?** Y  
**Is Material Damaged?** N  
**Is Material Friable?** N

<table>
<thead>
<tr>
<th>Type Damage Amount</th>
<th>Locations</th>
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</thead>
<tbody>
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</table>

**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  
1. **Is Material Friable?** N  
2. **Has Material Been Completely Abated?**

<table>
<thead>
<tr>
<th>Damaged or</th>
<th>Significantly Damaged</th>
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<tr>
<td>[ ]</td>
<td>[ ] Thermal System Insulation</td>
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<td>[X]</td>
<td>[ ] Friable Surfacing ACM</td>
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<td>[ ]</td>
<td>[ ] Friable ACM</td>
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<td>[ ]</td>
<td>[ ] Significantly Damaged Friable ACM</td>
</tr>
<tr>
<td>[ ]</td>
<td>[ ] Friable Miscellaneous ACM</td>
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**Response Action Update**

**Date of Response:** ON-GOING  
**Footage:** 100 sf  
**Locations:** See above Room/Functional Space

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**Comments:**

**Management Planner Name:** C. Dinardo
### Periodic Surveillance

**Responsibility Governing Authority:** West New York Board of Ed.

**Facility/Building:** Harry Bains School

<table>
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<tr>
<th>Homogeneous ID</th>
<th>Material Description</th>
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<tr>
<td>15</td>
<td>Ceiling plaster</td>
<td>12000</td>
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</table>

**Room/Functional Space:** Throughout facility

**Has Previous Response Action Been Completed?** Y

**Is Material Damaged?** N

**Is Material Friable?** Y

### Type Damage Amount

<table>
<thead>
<tr>
<th>Type</th>
<th>Amount</th>
<th>Locations</th>
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<tbody>
<tr>
<td>Physical</td>
<td>6 sf</td>
<td>Maintenance Hall (4sf), CST Rm (1sf), Comp. Lab Bsmnt by window</td>
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<tr>
<td>Physical</td>
<td>19 sf</td>
<td>Girls Room by 110 (3sf-above drop), balcony (8sf), Aud. Lobby (8sf)</td>
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<tr>
<td>Physical/Water</td>
<td>10 sf</td>
<td>Rm 107 (2sf), Rm 201 (3sf), Rm 218 (2sf), Rm 304 (1sf), Rm 105 (1sf)</td>
</tr>
<tr>
<td>Physical</td>
<td>6 sf</td>
<td>Rm 306 (2sf), Rm 305 (2sf), Large Gym (2sf)</td>
</tr>
<tr>
<td>Physical</td>
<td>5 sf</td>
<td>Stairs by Rm 304 (1sf), Stairs by Rm 302 (2sf), Rm 308 (2sf)</td>
</tr>
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</table>

**Type Damage Amount**

<table>
<thead>
<tr>
<th>Locations</th>
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<tbody>
<tr>
<td>Water</td>
</tr>
<tr>
<td>Rm 302 (3sf), Rm 215 (2sf), Rm 309 (40sf), Aud (1sf)</td>
</tr>
<tr>
<td>Water</td>
</tr>
<tr>
<td>2nd fl. entrance by Aud. (3sf), Bsmnt Teachers Supply (2sf), Sub-Rm 214 (2sf), Rm 305 (1sf)</td>
</tr>
<tr>
<td>Water</td>
</tr>
<tr>
<td>3 sf</td>
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<tr>
<td>sf</td>
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**Is There Debris Present?** Y

**Location:**

**Comments:** see lab results from US Testing No 5095

**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 Completely Abated?** No

### Response Action Update

<table>
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<th>Response Action</th>
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<td>On-going</td>
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<td>Repair</td>
<td>9/10</td>
<td>103 sf</td>
<td>See all damage locations</td>
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<td>Remove</td>
<td>ASAP</td>
<td>3 sf</td>
<td>Debris (311)</td>
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</table>

**Comments:**

**Management Planner Name:** C. DiNardo
PERIODIC SURVEILLANCE

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

HOMOGENEOUS ID#: S/A 16
MATERIAL DESCRIPTION: Aircell pipe insulation
FOOTAGE: 15

ROOM/FUNCTIONAL SPACE:
Sub-basmt 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

<table>
<thead>
<tr>
<th>TYPE DAMAGE AMOUNT</th>
<th>LOCATIONS</th>
<th>TYPE DAMAGE AMOUNT</th>
<th>LOCATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

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? Y

2. HAS MATERIAL BEEN COMPLETELY ABATED? N

[X] DAMAGED OR [ ] SIGNIFICANTLY DAMAGED ACBM WITH POTENTIAL FOR DAMAGE

[ ] DAMAGED FRIABLE SURFACING ACM

[ ] SIGNIFICANTLY DAMAGED FRIABLE SURFACING ACM

[ ] DAMAGED OR [ ] SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM

<table>
<thead>
<tr>
<th>RESPONSE ACTION UPDATE</th>
<th>DATE OF RESPONSE</th>
<th>FOOTAGE</th>
<th>LOCATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>O&amp;M</td>
<td>ON-GOING</td>
<td>15 ft</td>
<td>See above Room/Functional Space</td>
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</tbody>
</table>

COMMENTS:

C. DiNardo

MANAGEMENT PLANNER NAME:
**RESPONSIBLE GOVERNING AUTHORITY:**
West New York Board of Ed.

**FACILITY/BUILDING:**
Harry Bains School

**DATE OF CONSTRUCTION:**

**HOMOGENEOUS ID#:** S/A 20

**MATERIAL DESCRIPTION:** 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

<table>
<thead>
<tr>
<th>TYPE DAMAGE AMOUNT</th>
<th>LOCATIONS</th>
<th>TYPE DAMAGE AMOUNT</th>
<th>LOCATIONS</th>
</tr>
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<tbody>
<tr>
<td>sf</td>
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</tr>
</tbody>
</table>

**IS THERE DEBRIS PRESENT?** N

**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 COMPLETELY ABATED?** N

**[ ] DAMAGED OR [ ] SIGNIFICANTLY DAMAGED THERMAL SYSTEM INSULATION**

**[X] ACBM WITH POTENTIAL FOR DAMAGE**

**[ ] DAMAGED FRIABLE SURFACING ACM**

**[X] 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:** 80 sf

**LOCATIONS:** See above Room/Functional Space

sf
sf
sf
sf
sf
sf

**COMMENTS:**

**MANAGEMENT PLANNER NAME:**

C. Dinardo
RESPONSIBLE GOVERNING AUTHORITY: West New York Board of Ed.
FACILITY/BUILDING: Harry Balins School
DATE OF CONSTRUCTION: 

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

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

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

<table>
<thead>
<tr>
<th>TYPE DAMAGE AMOUNT</th>
<th>LOCATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>sf</td>
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</tr>
</tbody>
</table>

IS THERE DEBRIS PRESENT? N

LOCATION:

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 COMPLETELY ABATED? N

[X] ACBM WITH POTENTIAL FOR DAMAGE
[X] 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 SIGNIFICANT DAMAGE
[ ] ANY REMAINING FRIABLE ACBM OR FRIABLE SUSPECTED ACBM

<table>
<thead>
<tr>
<th>RESPONSE ACTION UPDATE</th>
<th>DATE OF RESPONSE</th>
<th>FOOTAGE</th>
<th>LOCATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>O&amp;M</td>
<td>ON-GOING</td>
<td>21 sf</td>
<td>See above Room/Functional Space</td>
</tr>
<tr>
<td></td>
<td></td>
<td>sf</td>
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</table>

COMMENTS:

C. DiNardo

MANAGEMENT PLANNER NAME:
**PERIODIC SURVEILLANCE**

**RESPONSIBLE GOVERNING AUTHORITY:**
West New York Board of Ed.

**FACILITY/BUILDING:**
Harry Bains School

**DATE OF CONSTRUCTION:**

**HOMOGENEOUS ID#: SIA 25**

**MATERIAL DESCRIPTION:**
Assumed pipe in walls/above fixed ceilings

**ROOM/FUNCTIONAL SPACE:**
Throughout facility

**HAS PREVIOUS RESPONSE ACTION BEEN COMPLETED?**

**IS MATERIAL DAMAGED?**

**IS MATERIAL FRIABLE?**

<table>
<thead>
<tr>
<th>TYPE DAMAGE AMOUNT</th>
<th>LOCATIONS</th>
<th>TYPE DAMAGE AMOUNT</th>
<th>LOCATIONS</th>
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<tbody>
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</tr>
</tbody>
</table>

**IS THERE DEBRIS PRESENT?**

**LOCATION:**

**COMMENTS:**
C DiNardo

**INSPECTOR 1:**
C DiNardo

**INSPECTOR 2:**

**DATE:**
2/17/2010

**RESPONSE ACTION UPDATE**

**DATE:**
3/17/2010

1. **IS MATERIAL FRIABLE?**

2. **HAS MATERIAL BEEN 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:**

**COMMENTS:**

**MANAGEMENT PLANNER NAME:**
C DiNardo
RESPONSIBLE GOVERNING AUTHORITY: West New York School Board of Ed.
FACILITY/BUILDING: Harry Bains School
DATE OF CONSTRUCTION: 

HOMOGENEOUS ID#: S/A 26 A
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

<table>
<thead>
<tr>
<th>TYPE DAMAGE AMOUNT</th>
<th>LOCATIONS</th>
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<tbody>
<tr>
<td>sf</td>
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</tbody>
</table>

IS THERE DEBRIS PRESENT? LOCATION: 

COMMENTS: INSPECTOR 1: C Dinardo

INSPECTOR 2: DATE: 2/17/2010

DATE: 3/17/2010
1. IS MATERIAL FRIABLE? N
2. HAS MATERIAL BEEN COMPLETELY ABATED? N

RESPONSE ACTION UPDATE

[ ] DAMAGED OR [ ] SIGNIFICANTLY DAMAGED THERMAL SYSTEM INSULATION

[ ] DAMAGED FRIABLE SURFACING ACM

[ ] SIGNIFICANTLY DAMAGED FRIABLE SURFACING ACM

[ ] DAMAGED OR [ ] SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM

RESPONSE ACTION UPDATE: DATE OF RESPONSE FOOTAGE LOCATIONS
O&M Ongoing 2000 sf Throughout facility

[ ] ACBM WITH POTENTIAL FOR DAMAGE

[ ] ACBM WITH POTENTIAL FOR SIGNIFICANT DAMAGE

[ ] ANY REMAINING FRIABLE ACBM OR FRIABLE SUSPECTED ACBM

COMMENTS: Recommend sampling prior to implementation of Response Action.

 MANAGEMENT PLANNER NAME: C Dinardo
**RESPONSIBLE GOVERNING AUTHORITY:**
West New York Board of Ed.

**FACILITY/BUILDING:**
Harry Bains School

**DATE OF CONSTRUCTION:**

**HOMOGENEOUS ID#: 6A**

**MATERIAL DESCRIPTION:**
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**

<table>
<thead>
<tr>
<th>TYPE DAMAGE AMOUNT</th>
<th>LOCATIONS</th>
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<tbody>
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</table>

<table>
<thead>
<tr>
<th>LOCATION:</th>
</tr>
</thead>
</table>

**IS THERE DEBRIS PRESENT?**

**COMMENTS:**

**INSPECTOR 1:** C DiNardo

**DATE:** 2/17/2010

**RESPONSE ACTION UPDATE:**

**DATE: 3/17/2010**

1. **IS MATERIAL FRIABLE? N**

2. **HAS MATERIAL BEEN COMPLETELY ABATED? N**

<table>
<thead>
<tr>
<th>RESPONSE ACTION UPDATE</th>
<th>DATE OF RESPONSIVE</th>
<th>FOOTAGE</th>
<th>LOCATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>O&amp;M</td>
<td>Ongoing</td>
<td>2000 sf</td>
<td>Throughout facility</td>
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</tbody>
</table>

**COMMENTS:**
Recommend sampling prior to implementation of Response Action.

**INSPECTOR 2:**

**DATE, 2/17/2010**

**RESPONSE ACTION UPDATE:**

**[ ] 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**

**MANAGEMENT PLANNER NAME:**

C DiNardo
### Periodic Surveillance

**Responsible Governing Authority:** West New York Board of Ed.

**Facility/Building:** Harry Bains School

**Homogeneous ID:** SIA

**Material Description:** Interior boiler materials

**Location:**
- Boiler Room

**Footage:** 20

**Has Previous Response Action Been Completed?** Y

**Is Material Damaged?** N

**Is Material Friable?** Y

<table>
<thead>
<tr>
<th>Type Damage Amount</th>
<th>Locations</th>
</tr>
</thead>
<tbody>
<tr>
<td>sf</td>
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<tr>
<td>sf</td>
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<td>sf</td>
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</tbody>
</table>

**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 Completely Abated? N**

- [ ] 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

**Response Action Update:** O&M

**Date of Response:** Ongoing

**Footage:** 20 sf

**Locations:**
- Throughout facility
  - sf
  - sf
  - sf
  - sf
  - sf

**Comments:**

Recommend sampling prior to implementation of Response Action.

**Management Planner Name:** C DiNardo
<table>
<thead>
<tr>
<th>Homogeneous</th>
<th>Homogeneous</th>
<th>Homogeneous</th>
<th>Homogeneous</th>
<th>Homogeneous</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ ] Sampled</td>
<td>[ ] Assumed</td>
<td>[ ] Sampled</td>
<td>[ ] Assumed</td>
<td>[ ] Assumed</td>
</tr>
</tbody>
</table>

**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

**Asbestos**
- [ ] Asbestos
- [ ] Non-Asbestos

**List All Locations:**
- 2nd Floor - Kitchen
- 2nd floor - kitchen
- Woodshop
- Woodshop
- Bsmnt-ar, main office, foyer to kindergarten, kindergarten closets

<table>
<thead>
<tr>
<th>Total Approx. Damage Footage</th>
<th>Total Approx. Damage of Total</th>
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</thead>
<tbody>
<tr>
<td>150 sf</td>
<td>sf</td>
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<td>150 sf</td>
<td>sf</td>
</tr>
<tr>
<td>450 sf</td>
<td>sf</td>
</tr>
<tr>
<td>450 sf</td>
<td>sf</td>
</tr>
<tr>
<td>1620 sf</td>
<td>sf</td>
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</tbody>
</table>

**Damage Severity**
- [ ] Major
- [ ] Minor
- [ ] Severe
- [ ] Occasional
- [ ] Major
- [ ] Minor
- [ ] Severe
- [ ] Occasional
- [ ] Major
- [ ] Minor
- [ ] Severe
- [ ] Occasional

**Notice:** This document contains information about asbestos management plans. For state use only.
<table>
<thead>
<tr>
<th>Material Description</th>
<th>Homogenous</th>
<th>Sampled</th>
<th>ID#</th>
<th>Assumed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mastic assoc w/ 12x12 Tan w/brown &amp; white streak floor tile</td>
<td>[X]</td>
<td></td>
<td>03A</td>
<td>[]</td>
</tr>
<tr>
<td>12x12 Brown stone-look floor tile</td>
<td>[X]</td>
<td></td>
<td>04</td>
<td>[]</td>
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<tr>
<td>Mastic assoc w/ 12x12 brown stone-look floor tile</td>
<td>[X]</td>
<td></td>
<td>04A</td>
<td>[]</td>
</tr>
<tr>
<td>9x9 Tan/blue spot floor tile</td>
<td>[X]</td>
<td></td>
<td>05</td>
<td>[]</td>
</tr>
<tr>
<td>Mastic assoc w/ 9x9 tan/blue spot floor tile</td>
<td>[X]</td>
<td></td>
<td>05A</td>
<td>[]</td>
</tr>
</tbody>
</table>

**List All Locations:**
- Basement, main office, foyer to kindergarten, kindergarten closets
- Rm 313
- Rms 101
- Rms 101

**Total Approx. Damage Footage (sf):**
- 1620 sf
- 650 sf
- 650 sf
- 625 sf
- 625 sf

**Damage Severity:**
- [ ] Major
- [ ] Minor
- [ ] Severe
- [ ] Occasional
- [ ] Major
- [ ] Minor
- [ ] Severe
- [ ] Occasional
- [ ] Major
- [ ] Minor
- [ ] Severe
- [ ] Occasional
# Asbestos Management Plan -- Homogeneous Material Identification

**Client Name:** West New York Board of Ed.

**Building Assessed:** Harry Bains School

<table>
<thead>
<tr>
<th>Homogeneous</th>
<th>[X] Sampled</th>
<th>[ ] Assumed</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID#: 06</td>
<td>[ ] Sampled</td>
<td>[X] Assumed</td>
</tr>
<tr>
<td>DESCRIPTION OF MATERIAL: 9x9 Olive floor tile</td>
<td></td>
<td></td>
</tr>
<tr>
<td>[ ] Asbestos</td>
<td>[X] Non-Asbestos</td>
<td></td>
</tr>
<tr>
<td>LIST ALL LOCATIONS: Rm 101, library</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Homogeneous</th>
<th>[ ] Sampled</th>
<th>[X] Assumed</th>
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<tbody>
<tr>
<td>ID#: 06A</td>
<td>[X] Sampled</td>
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<tr>
<td>DESCRIPTION OF MATERIAL: Mastic assoc/w 9x9 olive floor tile</td>
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<td></td>
</tr>
<tr>
<td>[X] Asbestos</td>
<td>[ ] Non-Asbestos</td>
<td></td>
</tr>
<tr>
<td>LIST ALL LOCATIONS: Rm 101, library</td>
<td></td>
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<table>
<thead>
<tr>
<th>Homogeneous</th>
<th>[X] Sampled</th>
<th>[ ] Assumed</th>
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<tbody>
<tr>
<td>ID#: 07</td>
<td>[ ] Assumed</td>
<td>[ ] Sampled</td>
</tr>
<tr>
<td>DESCRIPTION OF MATERIAL: 9x9 Dark brown floor tile</td>
<td></td>
<td></td>
</tr>
<tr>
<td>[ ] Asbestos</td>
<td>[ ] Non-Asbestos</td>
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<tr>
<td>LIST ALL LOCATIONS: Rm 101</td>
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<table>
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<td>ID#: 07A</td>
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<td>[ ] Sampled</td>
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<td>DESCRIPTION OF MATERIAL: Mastic assoc/w 9x9 dark brown floor tile</td>
<td></td>
<td></td>
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<tr>
<td>[ ] Asbestos</td>
<td>[ ] Non-Asbestos</td>
<td></td>
</tr>
<tr>
<td>LIST ALL LOCATIONS:</td>
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</table>

<table>
<thead>
<tr>
<th>Homogeneous</th>
<th>[ ] Sampled</th>
<th>[X] Assumed</th>
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<tbody>
<tr>
<td>ID#: 08</td>
<td>[ ] Assumed</td>
<td>[ ] Sampled</td>
</tr>
<tr>
<td>DESCRIPTION OF MATERIAL: 9x9 Rust spot floor tile</td>
<td></td>
<td></td>
</tr>
<tr>
<td>[ ] Asbestos</td>
<td>[X] Non-Asbestos</td>
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<tr>
<td>LIST ALL LOCATIONS: Office restroom Material is no longer present</td>
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<table>
<thead>
<tr>
<th>TOTAL APPROX FOOTAGE</th>
<th>TOTAL APPROX DAMAGE % OF TOTAL</th>
</tr>
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<tbody>
<tr>
<td>100 sf</td>
<td>sf</td>
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<table>
<thead>
<tr>
<th>DAMAGE SEVERITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ ] Major</td>
</tr>
<tr>
<td>[ ] Minor</td>
</tr>
<tr>
<td>[ ] Severe</td>
</tr>
<tr>
<td>[ ] Occasional</td>
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<table>
<thead>
<tr>
<th>TOTAL APPROX FOOTAGE</th>
<th>TOTAL APPROX DAMAGE % OF TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 sf</td>
<td>sf</td>
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<table>
<thead>
<tr>
<th>DAMAGE SEVERITY</th>
</tr>
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<tbody>
<tr>
<td>[ ] Major</td>
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<td>[ ] Minor</td>
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<tr>
<td>[ ] Severe</td>
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<tr>
<td>[ ] Occasional</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>TOTAL APPROX FOOTAGE</th>
<th>TOTAL APPROX DAMAGE % OF TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 sf</td>
<td>sf</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DAMAGE SEVERITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ ] Major</td>
</tr>
<tr>
<td>[ ] Minor</td>
</tr>
<tr>
<td>[ ] Severe</td>
</tr>
<tr>
<td>[ ] Occasional</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOTAL APPROX FOOTAGE</th>
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</tr>
</thead>
<tbody>
<tr>
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<td>1 sf</td>
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<table>
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</thead>
<tbody>
<tr>
<td>[ ] Major</td>
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<tr>
<td>[ ] Minor</td>
</tr>
<tr>
<td>[ ] Severe</td>
</tr>
<tr>
<td>[X] Occasional</td>
</tr>
<tr>
<td>Homogeneous Material</td>
</tr>
<tr>
<td>----------------------</td>
</tr>
<tr>
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</tr>
<tr>
<td>Description</td>
</tr>
<tr>
<td>Homogeneous Material</td>
</tr>
<tr>
<td>ID: 09</td>
</tr>
<tr>
<td>Description</td>
</tr>
<tr>
<td>Homogeneous Material</td>
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<tr>
<td>ID: 09A</td>
</tr>
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<td>Description</td>
</tr>
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</tr>
<tr>
<td>ID: 10</td>
</tr>
<tr>
<td>Description</td>
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<td>Homogeneous Material</td>
</tr>
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<td>ID: 10A</td>
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<td>Description</td>
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<table>
<thead>
<tr>
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<th>Non-Asbestos</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asbestos Status</td>
<td>Non-Asbestos</td>
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<tr>
<td>Asbestos Status</td>
<td>Non-Asbestos</td>
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<td>Non-Asbestos</td>
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<tr>
<td>Asbestos Status</td>
<td>Non-Asbestos</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>List All Locations</th>
<th>Office storage (new guidance)</th>
</tr>
</thead>
<tbody>
<tr>
<td>List All Locations</td>
<td>Nurse</td>
</tr>
<tr>
<td>List All Locations</td>
<td>Library, old Board of Ed - office hall</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Total Approx. Damage Footage</th>
<th>% Damage of Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 sf</td>
<td></td>
</tr>
<tr>
<td>300 sf</td>
<td></td>
</tr>
<tr>
<td>300 sf</td>
<td></td>
</tr>
<tr>
<td>1250 sf</td>
<td></td>
</tr>
<tr>
<td>1250 sf</td>
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<table>
<thead>
<tr>
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<th>Major</th>
<th>Minor</th>
<th>Severe</th>
<th>Occasional</th>
</tr>
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<tbody>
<tr>
<td>Damage Severity</td>
<td>Major</td>
<td>Minor</td>
<td>Severe</td>
<td>Occasional</td>
</tr>
<tr>
<td>Homogenous Material</td>
<td>Homogenous Material</td>
<td>Homogenous Material</td>
<td>Homogenous Material</td>
<td>Homogenous Material</td>
</tr>
<tr>
<td>---------------------</td>
<td>---------------------</td>
<td>---------------------</td>
<td>---------------------</td>
<td>---------------------</td>
</tr>
<tr>
<td>ID: 11</td>
<td>ID: 12</td>
<td>ID: 13</td>
<td>ID: 14</td>
<td>ID: 15</td>
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<table>
<thead>
<tr>
<th>Description of Material</th>
<th>Description of Material</th>
<th>Description of Material</th>
<th>Description of Material</th>
<th>Description of Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>2x4 Vertical wavy ceiling tile</td>
<td>Trowell-on ceiling material</td>
<td>Trowelled-on wall material</td>
<td>Wall plaster</td>
<td>Ceiling plaster</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Asbestos</th>
<th>Non-Asbestos</th>
<th>Asbestos</th>
<th>Non-Asbestos</th>
<th>Asbestos</th>
<th>Non-Asbestos</th>
<th>Asbestos</th>
<th>Non-Asbestos</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>List All Locations</th>
<th>List All Locations</th>
<th>List All Locations</th>
<th>List All Locations</th>
<th>List All Locations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Library, old Board of Ed office, kindergarten closets, 113, 115, 116 room</td>
<td>Basement-storage, Basement-hallway</td>
<td>Basement areas</td>
<td>Throughout facility</td>
<td>Throughout facility</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Total Approx Footage</th>
<th>Total Approx Damage</th>
<th>Total Approx Footage</th>
<th>Total Approx Damage</th>
<th>Total Approx Footage</th>
<th>Total Approx Damage</th>
<th>Total Approx Footage</th>
<th>Total Approx Damage</th>
</tr>
</thead>
<tbody>
<tr>
<td>2750 sf</td>
<td>sf</td>
<td>1800 sf</td>
<td>sf</td>
<td>3000 sf</td>
<td>sf</td>
<td>26000 sf</td>
<td>103 sf</td>
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</table>

<table>
<thead>
<tr>
<th>Damage Severity</th>
<th>Damage Severity</th>
<th>Damage Severity</th>
<th>Damage Severity</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ ] Major</td>
<td>[ ] Minor</td>
<td>[ ] Major</td>
<td>[ ] Minor</td>
</tr>
<tr>
<td>[ ] Severe</td>
<td>[ ] Occasional</td>
<td>[ ] Severe</td>
<td>[ ] Occasional</td>
</tr>
<tr>
<td>CLIENT NAME:</td>
<td>West New York Board of Ed.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUILDING ASSESSED:</td>
<td>Harry Bains School</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Asbestos Management Plan - Homogeneous Material Identification

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ID#: 16</td>
<td></td>
<td></td>
<td>ID#: 18A</td>
<td></td>
<td></td>
<td>ID#: 19</td>
<td></td>
<td></td>
<td>ID#: 20</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Description of Material:**

- [X] Homogeneous: Airell pipe insulation
- [ ] Homogeneous: Sheetrock
- [X] Homogeneous: Joint compound assoc/w sheetrock
- [ ] Homogeneous: 2x2 Wavy ceiling tiles
- [ ] Homogeneous: Lab table tops

**Asbestos:**

- [X] Asbestos: [ ] Non-Asbestos
- [ ] Asbestos: [X] Non-Asbestos
- [X] Asbestos: [X] Non-Asbestos
- [X] Asbestos: [X] Non-Asbestos

**List All Locations:**

- [X] Asbestos: [ ] Non-Asbestos
- [X] Asbestos: [X] Non-Asbestos
- [X] Asbestos: [X] Non-Asbestos
- [X] Asbestos: [X] Non-Asbestos

- [X] Asbestos: [X] Non-Asbestos

**Sub-basement entrance, assumed in girls restroom/bench box, assumed in telephone rm-box bench**

**Maintenance shop, maintenance wood shop, kindergarten rm/s, basement hall (patches)**

**Maintenance shop, maintenance woodshop, kindergarten rm/s**

**Vice principal's office (212)**

**Room 301**

**Total Approx. Damage of Total**

<table>
<thead>
<tr>
<th>Homogeneous</th>
<th>15 ft</th>
<th>2200 sf</th>
<th>160 sf</th>
<th>200 sf</th>
<th>80 sf</th>
</tr>
</thead>
</table>

**Damage Severity**

- [ ] Major
- [X] Minor
- [ ] Severe
- [X] Occasional
# Asbestos Management Plan -- Homogeneous Material Identification

**Client Name:** West New York Board of Ed.  
**Building Assessed:** Harry Beins School

<table>
<thead>
<tr>
<th>Homogeneous</th>
<th>Sampled</th>
<th>[ ] Sampled</th>
<th>Assumed</th>
<th>[ ] Assumed</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID#: 21</td>
<td>[ ]</td>
<td>[X]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ID#: 22</td>
<td></td>
<td>[ ]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ID#: 23</td>
<td></td>
<td>[X]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ID#: 24</td>
<td>[ ]</td>
<td></td>
<td>[ ]</td>
<td></td>
</tr>
<tr>
<td>ID#: 25</td>
<td></td>
<td></td>
<td>[X]</td>
<td></td>
</tr>
</tbody>
</table>

**Description of Material:**
- Vibration collar
- Boiler breeching
- Fittings assoc w fiberglass pipe insulation
- Generator insulation (block)
- Assumed pipe in walls/above fixed ceilings

**Asbestos:**
- [X] Asbestos
- [ ] Non-Asbestos

**List All Locations:**
- Basement storage
- Basement power rm
- Boiler Room
- Boiler room
- Throughout facility

<table>
<thead>
<tr>
<th>Total Approx</th>
<th>Approx Damage Of Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>21sf</td>
<td>sf</td>
</tr>
<tr>
<td>350sf</td>
<td>sf</td>
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<td></td>
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<table>
<thead>
<tr>
<th>Damage Severity</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ ] Major</td>
</tr>
<tr>
<td>[ ] Minor</td>
</tr>
<tr>
<td>[ ] Severe</td>
</tr>
<tr>
<td>[ ] Occasional</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Total Approx</th>
<th>Approx Damage Of Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Damage Severity</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ ] Major</td>
</tr>
<tr>
<td>[ ] Minor</td>
</tr>
<tr>
<td>[ ] Severe</td>
</tr>
<tr>
<td>[ ] Occasional</td>
</tr>
<tr>
<td>HOMOGENOUS</td>
</tr>
<tr>
<td>------------</td>
</tr>
<tr>
<td>ID#: 26</td>
</tr>
<tr>
<td>DESCRIPTION OF MATERIAL:</td>
</tr>
<tr>
<td>[X] ASBESTOS</td>
</tr>
<tr>
<td>LIST ALL LOCATIONS:</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>HOMOGENOUS</th>
<th>[ ] SAMPLED</th>
<th>[X] ASSUMED</th>
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</thead>
<tbody>
<tr>
<td>ID#: 27</td>
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</tr>
<tr>
<td>DESCRIPTION OF MATERIAL:</td>
<td>Mastic assochw chalkboards/bulletin boards</td>
<td></td>
</tr>
<tr>
<td>[X] ASBESTOS</td>
<td>[ ] NON-ASBESTOS</td>
<td></td>
</tr>
<tr>
<td>LIST ALL LOCATIONS:</td>
<td>Throughout facility</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HOMOGENOUS</th>
<th>[ ] SAMPLED</th>
<th>[X] ASSUMED</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID#: 28</td>
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<tr>
<td>DESCRIPTION OF MATERIAL:</td>
<td>Interior boiler materials</td>
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</tr>
<tr>
<td>[X] ASBESTOS</td>
<td>[ ] NON-ASBESTOS</td>
<td></td>
</tr>
<tr>
<td>LIST ALL LOCATIONS:</td>
<td>Boiler Room</td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOTAL</th>
<th>TOTAL</th>
<th>%</th>
<th>TOTAL</th>
<th>TOTAL</th>
<th>%</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Approx</td>
<td>Approx</td>
<td>Damage of Total</td>
<td>Approx</td>
<td>Approx</td>
<td>Damage of Total</td>
<td>Approx</td>
<td>Approx</td>
<td>Damage of Total</td>
</tr>
<tr>
<td>2000 sf</td>
<td>sf</td>
<td></td>
<td>2000 sf</td>
<td>0 sf</td>
<td></td>
<td>20 sf</td>
<td>0 sf</td>
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<table>
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<tr>
<th>DAMAGE SEVERITY</th>
<th>[ ] MAJOR</th>
<th>[ ] MINOR</th>
<th>[ ] SEVERE</th>
<th>[ ] OCCATIONAL</th>
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</thead>
<tbody>
<tr>
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<td></td>
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</table>
# 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.)

<table>
<thead>
<tr>
<th>Sample Number</th>
<th>Name of Sample Collector</th>
<th>Type</th>
<th>Homogeneous</th>
<th>Exact Location</th>
<th>Result</th>
<th>Lab ID</th>
<th>Date</th>
<th>Manner To Determine Location</th>
<th>Method of Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>5976</td>
<td>K. COSGROVE</td>
<td>2</td>
<td>HSA-6-1A</td>
<td>ROOM 220/313 BROWN FLOOR TILE</td>
<td>1-2 CHrysotile</td>
<td>5976</td>
<td>09/25/88</td>
<td>10/02/88</td>
<td>B,C,D,E</td>
</tr>
<tr>
<td>5979</td>
<td>K. COSGROVE</td>
<td>2</td>
<td>HSA-6-2A</td>
<td>ROOM 212 CEILING TILE</td>
<td>NONE DETECTED</td>
<td>5979</td>
<td>09/25/88</td>
<td>10/02/88</td>
<td>B,C,D,E</td>
</tr>
<tr>
<td>5980</td>
<td>K. COSGROVE</td>
<td>2</td>
<td>HSA-6-2A</td>
<td>ROOM 212 CEILING TILE</td>
<td>NONE DETECTED</td>
<td>5980</td>
<td>09/25/88</td>
<td>10/02/88</td>
<td>B,C,D,E</td>
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<tr>
<td>5981</td>
<td>K. COSGROVE</td>
<td>2</td>
<td>HSA-6-2A</td>
<td>ROOM 212, CEILING TILE</td>
<td>NONE DETECTED</td>
<td>5981</td>
<td>09/25/88</td>
<td>10/03/88</td>
<td>B,C,D,E</td>
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<tr>
<td>5982</td>
<td>K. COSGROVE</td>
<td>2</td>
<td>HSA-6-3A</td>
<td>ROOM 101 TAN FLOOR TILE</td>
<td>NONE DETECTED</td>
<td>5982</td>
<td>09/26/88</td>
<td>10/02/88</td>
<td>B,C,D,E</td>
</tr>
<tr>
<td>5983</td>
<td>K. COSGROVE</td>
<td>2</td>
<td>HSA-6-3A</td>
<td>ROOM 102 TAN FLOOR TILE</td>
<td>NONE DETECTED</td>
<td>5983</td>
<td>09/26/88</td>
<td>10/02/88</td>
<td>B,C,D,E</td>
</tr>
</tbody>
</table>

* 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.
# 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

<table>
<thead>
<tr>
<th>Sample Number</th>
<th>Name of Collector</th>
<th>Sample Type</th>
<th>Homogeneous</th>
<th>Exact Location</th>
<th>Result</th>
<th>Lab ID</th>
<th>Date Collected</th>
<th>Date Analyzed</th>
<th>Manner To Determine Location**</th>
<th>Method Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>5984</td>
<td>K. COSGROVE</td>
<td>2</td>
<td>HSA-6-3A</td>
<td>ROOM 114 TAN FLOOR TILE</td>
<td>NONE DETECTED</td>
<td>5984</td>
<td>09/26/88</td>
<td>10/02/88</td>
<td>B,C,D,E</td>
<td>PLM</td>
</tr>
<tr>
<td>5985</td>
<td>K. COSGROVE</td>
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<td>HSA-6-3A</td>
<td>ROOM 115 TAN FLOOR TILE</td>
<td>NONE DETECTED</td>
<td>5985</td>
<td>09/26/88</td>
<td>10/03/88</td>
<td>B,C,D,E</td>
<td>PLM</td>
</tr>
<tr>
<td>5986</td>
<td>K. COSGROVE</td>
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<td>HSA-6-3A</td>
<td>ROOM 116 TAN FLOOR TILE</td>
<td>NONE DETECTED</td>
<td>5986</td>
<td>09/26/88</td>
<td>10/03/88</td>
<td>B,C,D,E</td>
<td>PLM</td>
</tr>
<tr>
<td>5987</td>
<td>K. COSGROVE</td>
<td>2</td>
<td>HSA-6-3A</td>
<td>ROOM 113 TAN FLOOR TILE</td>
<td>NONE DETECTED</td>
<td>5987</td>
<td>09/26/88</td>
<td>10/02/88</td>
<td>B,C,D,E</td>
<td>PLM</td>
</tr>
<tr>
<td>5988</td>
<td>K. COSGROVE</td>
<td>2</td>
<td>HSA-6-3A</td>
<td>GENERAL OFFICE TAN FLOOR TILE</td>
<td>NONE DETECTED</td>
<td>5988</td>
<td>09/26/88</td>
<td>10/02/88</td>
<td>B,C,D,E</td>
<td>PLM</td>
</tr>
<tr>
<td>5989</td>
<td>K. COSGROVE</td>
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<td>HSA-6-3B</td>
<td>ROOM 113 PLASTER</td>
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<td>5989</td>
<td>09/26/88</td>
<td>10/03/88</td>
<td>B,C,D,E</td>
<td>PLM</td>
</tr>
</tbody>
</table>

* Type Codes:
1 - Air
2 - Bulk
3 - Surface

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

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<table>
<thead>
<tr>
<th>Sample Number</th>
<th>Name of Collector</th>
<th>Sample Type</th>
<th>Homogeneous</th>
<th>Exact Location</th>
<th>Result</th>
<th>Lab Type</th>
<th>ID No.</th>
<th>Date</th>
<th>Manner To Determine Location**</th>
<th>Method of Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>5990</td>
<td>K. COSGROVE</td>
<td>2</td>
<td>HSA-6-3B</td>
<td>ROOM 113 PLASTER</td>
<td>NONE DETECTED</td>
<td>5990</td>
<td>09/26/88</td>
<td>10/02/88</td>
<td>B,C,D,E</td>
<td>PLM</td>
</tr>
<tr>
<td>5991</td>
<td>K. COSGROVE</td>
<td>2</td>
<td>HSA-6-3B</td>
<td>ROOM 114 PLASTER</td>
<td>NONE DETECTED</td>
<td>5991</td>
<td>09/26/88</td>
<td>10/02/88</td>
<td>B,C,D,E</td>
<td>PLM</td>
</tr>
<tr>
<td>5992</td>
<td>K. COSGROVE</td>
<td>2</td>
<td>HSA-6-3B</td>
<td>ROOM 114 PLASTER</td>
<td>NONE DETECTED</td>
<td>5992</td>
<td>09/26/88</td>
<td>10/02/88</td>
<td>B,C,D,E</td>
<td>PLM</td>
</tr>
<tr>
<td>5993</td>
<td>K. COSGROVE</td>
<td>2</td>
<td>HSA-6-3B</td>
<td>ROOM 115 PLASTER</td>
<td>NONE DETECTED</td>
<td>5993</td>
<td>09/26/88</td>
<td>10/02/88</td>
<td>B,C,D,E</td>
<td>PLM</td>
</tr>
<tr>
<td>5994</td>
<td>K. COSGROVE</td>
<td>2</td>
<td>HSA-6-3B</td>
<td>ROOM 115 PLASTER</td>
<td>NONE DETECTED</td>
<td>5994</td>
<td>09/26/88</td>
<td>10/03/88</td>
<td>B,C,D,E</td>
<td>PLM</td>
</tr>
<tr>
<td>5995</td>
<td>K. COSGROVE</td>
<td>2</td>
<td>HSA-6-3B</td>
<td>ROOM 116 PLASTER</td>
<td>NONE DETECTED</td>
<td>5995</td>
<td>09/26/88</td>
<td>10/03/88</td>
<td>B,C,D,E</td>
<td>PLM</td>
</tr>
</tbody>
</table>

* 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.
<table>
<thead>
<tr>
<th>Sample Number</th>
<th>Name of Collector</th>
<th>Type</th>
<th>Homogeneous</th>
<th>Exact Location</th>
<th>Result %</th>
<th>Type</th>
<th>ID</th>
<th>Asbestos Number</th>
<th>Collected</th>
<th>Analyzed</th>
<th>Date</th>
<th>Manner To Determine Location**</th>
<th>Method of Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>5997</td>
<td>K. COSGROVE</td>
<td>2</td>
<td>IHS-6-4A</td>
<td>FAN ROOM #1, AIR CELL INSULATION</td>
<td>20-25</td>
<td>CHRYSTILE</td>
<td>5997</td>
<td>09/26/88</td>
<td>10/02/88</td>
<td>B,C,D,E</td>
<td>PLM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5998</td>
<td>K. COSGROVE</td>
<td>2</td>
<td>IHS-6-4A</td>
<td>FAN ROOM #1, AIR CELL INSULATION</td>
<td>20-25</td>
<td>CHRYSTILE</td>
<td>5998</td>
<td>09/26/88</td>
<td>10/02/88</td>
<td>B,C,D,E</td>
<td>PLM</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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.
BULK SAMPLE ANALYSIS

A) Field Data:
Client: WNY BOE
Date Collected: 9.24.88
Job Number: 154292
Sample Location: PS #6
Comments: 6.1A-1 FM 200/313
           Brown floor tile
Name: K. Coscoe

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: Chrysotile
3) Type of Asbestos
4) Total Asbestos Present by Volume: 1-2%

Observations:

Signature: 

Supervisor:  
Date: 10.14.88

Comments:
BULK SAMPLE ANALYSIS

DATA SHEET # N° 5979

PRIORITY: 24 Hrs. 48 Hrs. Other

A) Field Data:
Client: WNY BOE
Date Collected: 9-26-88
Job Number: 154292
Sample Location: PS #6
Comments: 6-2A-1 Bm 212 ceiling tile

Name: L. Casoeve Signature: J. Cargue

B) Lab Data:
Date Logged: 9-30-88 Time: 6:30 pm Date Analyzed: 10-2-88
Sample Procedure:
Mineral Oil • Cargill 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 Grading

Supervisor: Date: 10/4/88

Comments:
BULK SAMPLE ANALYSIS

A) Field Data:
Client: WNY 30E
Date Collected: 9-26-88
Job Number: 154242
Sample Location: 05 #6
Comments: 6-2A-2 Co 212

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: Andrew Babus

Supervisor: 2/4/88
Date: 10/21/88

Comments:

46267 m391
1st proof 6-9-87
BULK SAMPLE ANALYSIS

Priorities: 24 Hrs.  48 Hrs.  Other:______________________

A) Field Data:
Client: LNY  806  
Date Collected: 9-26-88  
Job Number: 154292  
Sample Location: OS #6  
Comments: 6-24-3 Ln 212  
Name: K. Cosgrove  Signature: K. Cosgrove

B) Lab Data:
Date Logged: 9-30-88  Time: 6:30 PM  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: _____________________________

Supervisor:  11/1/88  Date: 10/31/88

Comments: _____________________________

46267  m391
1st proof 6-9-87
BULK SAMPLE ANALYSIS

PRIORIT Y:  24 Hrs.  48 Hrs.  Other_______________

A) Field Data:
Client:  WNY  B0E  Client Submitted:  
Date Collected:  9-26-88  Date Received:  
Job Number:  154292  
Sample Location:  PS46  
Comments:  6-3A2  m 1oz  
  tan floor tile  
Name:  K. Coselo  
Signature:  K. Coselo  

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 Sadis  

Supervisor:  E.P.  Date:  10/4/98  
Comments:  

Signature:  

46267  m391  
1st proof 6-9-67
BULK SAMPLE ANALYSIS

A) Field Data:
Client: WNY BOE
Date Collected: 9-26-88
Job Number: 54292
Sample Location: PS 46
Comments: 6-3A-3

Name: K. Coscione
Signature: K. Coscione

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 Spofford

Supervisor: G. L. P
Date: 10/4/88

Comments:

46267 m391
1st proof 6-9-97
BULK SAMPLE ANALYSIS

A) Field Data:
Client: WNY BOE
Date Collected: 9-26-88
Job Number: 154292
Sample Location: 05 H-6
Comments: 6-3A-4 am 115

Name: K. Cosephoe  Signature: K. Coyne

B) Lab Data:
Date Logged: 9-30-88  Time: 6:30pm  Date Analyzed: 10-03-88
Sample Procedure: Mineral Oil  Cargile 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: 10/9/88

Comments:
BULK SAMPLE ANALYSIS

DATA SHEET # N° 5986

PRIORITY: 24 Hrs. 48 Hrs. Other

A) Field Data:
Client: WNY BOE
Date Collected: 9-26-88
Job Number: 154292
Sample Location: PS 4-6
Comments: 6-3A-5 am 11b

Tan floor tile

Name: K. Cosevove
Signature: K. Cosevove

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 Gates

Supervisor: D. L. Date: 10/4/88

Comments:
BULK SAMPLE ANALYSIS

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-6  pm 113
          tan floor tile

Name: K. Losegrove  Signature: K. Losegrove

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: [Signature]

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

Comments:

________________________
________________________
________________________

46267  m391
1st proof 6-9-87
BULK SAMPLE ANALYSIS

PRIORITY: 24 Hrs. 48 Hrs. Other

A) Field Data:
Client: NY BOE
Date Collected: 9-26-88
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: [Signature]

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

Comments:
BULK SAMPLE ANALYSIS

A) Field Data:
Client: WNY
Date Collected: 9-26-88
Job Number: 154292
Sample Location: 05#6
Comments: 6-36-1
Name: K. Costello
Signature: K. Coyne

B) Lab Data:
Date Logged: 9-30-88
Time: 6:30pm
Date Analyzed: 10-3-88
Sample Procedure: Mineral Oil
dp Circles: 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: S. F.
Date: 10/4/88

Comments:
BULK SAMPLE ANALYSIS

Priorities: 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 46
Comments: 6-3B-2 am 113

Name: K. Kosolove  Signature: K. Cogine

B) Lab Data:
Date Logged: 9-30-88  Time: 6:30 pm  Date Analyzed: 10-02-88
Sample Procedure:
Mineral Oil  • Cargille F.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:  Date: 10/4/88

Comments: __________________________________________________________________________
BULK SAMPLE ANALYSIS

DATA SHEET # 5991

PRIORITY: 24 Hrs. 48 Hrs. Other ________________________

A) Field Data:
Client: WNY BOE
Date Collected: 9-26-88
Job Number: 154292

Sample Location: 05 # 6

Comments: 6-3B-3 pm 114

plaster

Name: K. Cosgrove

Signature: K. Engwe

B) Lab Data:
Date Logged: 9:30 88
Time: 6:30 pm

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

Results:
1) Gross Sample Appearance

2) Asbestos Present More Selected

3) Type of Asbestos

4) Total Asbestos Present by Volume

Observations:

__________________________________________________________

__________________________________________________________

__________________________________________________________

__________________________
Signature: [Signature]

Supervisor: HWP

Date: 10/4/88

Comments: ____________________________________________

__________________________________________________________
BULK SAMPLE ANALYSIS

A) Field Data:
Client: WNY 30E
Date Collected: 9-26-88
Job Number: 754292
Sample Location: PS#6
Comments: 6-3B-4

Name: Kasorke Signature: K. Cogine

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 Sabay

Supervisor: J. Lars Date: 10/4/88

Comments:
BULK SAMPLE ANALYSIS

PRIORITY: 24 Hrs. 48 Hrs. Other

A) Field Data:
Client: WNY DOE
Date Collected: 9-26-88
Job Number: 154292
Sample Location: PS4G

Comments:
6-30-85 pm 115 plaster

Name: K. Cosgrove
Signature: K. Coughlin

B) Lab Data:
Date Logged: 9-30-88 Time: 6:30pm Date Analyzed: 10-02-88
Sample Procedure:
\(\checkmark\) Mineral Oil \(\checkmark\) Cargille R.I.L. \(\checkmark\) Dried \(\checkmark\) Ashed \(\checkmark\) Pulverized \(\checkmark\) HCl \(\checkmark\) 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: M.E.
Date: 10/04/88

Comments:
BULK SAMPLE ANALYSIS

A) Field Data:
Client: WNY BOE
Date Collected: 9-26-88
Job Number: 154292
Sample Location: PS+6
Comments: 6-3B-6 m 115
plaster

Name: K. Casagrande
Signature: K. Casagrande

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 Sabis

Supervisor: [Handwritten]
Date: 10/4/87

Comments:
BULK SAMPLE ANALYSIS

PRIORITY: 24 Hrs. 48 Hrs. Other

A) Field Data:
Client: WNY 36C
Date Collected: 9-26-88
Job Number: 154292
Sample Location: PS #6

Comments: 6-30-7

plaster

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
3) Type of Asbestos: chrysotile
4) Total Asbestos Present by Volume: 1.3% < 1%

Observations: Print count method employed.

Signature: Andrea Sabo

Supervisor: HLP
Date: 10/4/89

Comments:
BULK SAMPLE ANALYSIS

PRIORITY: 24 Hrs.  48 Hrs.  Other_____________

A) Field Data:
Client: WNY  BOE  Client Submitted: _______________________
Date Collected: 9-26-88  Date Received: _______________________
Job Number: 154792
Sample Location: PS #6
Comments: 6-4A-2 for room #1
air cell insulation

Name: K. Losebrove  Signature: K. Cagina

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: ____________________________  Date: 10/4/88

Supervisor: ____________________________  Date: 10/4/88

Comments: ____________________________________________
BULK SAMPLE ANALYSIS

A) Field Data:
Client: WNY BOE
Date Collected: 9-26-88
Job Number: 154292
Sample Location: PS #6
Comments: 6-4A-3 for room #1

Name: K. Cosgrove

B) Lab Data:
Date Logged: 9-30-88
Time: 6:30 pm
Sample Procedure:
Mineral Oil • Cargille R.I.L. • Dried • Ashed • Pulverized • HCL • Bleach

Results:
1) Gross Sample Appearance
2) Asbestos Present
3) Type of Asbestos
4) Total Asbestos Present by Volume 20-25%

Observations:

Signature: Andrea Babie

Supervisor: HHW
Date: 10/4/88

Comments:
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
Sample Location: 05 # 6

Comments:
6-3A-1
No. 101
tan 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 None detected
3) Type of Asbestos
4) Total Asbestos Present by Volume

Observations:

Signature: Andrea

Supervisor: AWP
Date: 10/13/88

Comments:
### POLARIZED LIGHT MICROSCOPY (PLM)

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

<table>
<thead>
<tr>
<th>SAMPLE</th>
<th>LOCATION</th>
<th>APPEARANCE</th>
<th>SAMPLE TREATMENT</th>
<th>ASBESTOS</th>
<th>NONASBESTOS</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>2nd floor kitchen - 12x12 tan/peach floor tile</td>
<td>Tan Non-Fibrous Homogeneous</td>
<td>Dissolved/ Crushed</td>
<td>None Detected</td>
<td>100% Other</td>
</tr>
<tr>
<td>01A</td>
<td>2nd floor kitchen - mastic for 01</td>
<td>Black Non-Fibrous Homogeneous</td>
<td>Dissolved/ Crushed</td>
<td>None Detected</td>
<td>5% Cellulose, 95% Other</td>
</tr>
<tr>
<td>02</td>
<td>Woodshop - 12x12 tan thread floor tile</td>
<td>Tan Non-Fibrous Homogeneous</td>
<td>Dissolved/ Crushed</td>
<td>None Detected</td>
<td>100% Other</td>
</tr>
<tr>
<td>02A</td>
<td>Woodshop - mastic for 02</td>
<td>Black Non-Fibrous Homogeneous</td>
<td>Dissolved/ Crushed</td>
<td>6% Chrysotile, 4% Cellulose</td>
<td>90% Other</td>
</tr>
<tr>
<td>03</td>
<td>Main office - 12x12 tan w/ brown &amp; white streak FT</td>
<td>Tan Non-Fibrous Homogeneous</td>
<td>Dissolved/ Crushed</td>
<td>None Detected</td>
<td>100% Other</td>
</tr>
<tr>
<td>03A</td>
<td>Main office - mastic for 03</td>
<td>Black Non-Fibrous Homogeneous</td>
<td>Dissolved/ Crushed</td>
<td>None Detected</td>
<td>10% Cellulose, 90% Other</td>
</tr>
</tbody>
</table>

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

R.K. Maloney  
Laboratory Supervisor

Other Approved  
Signatory

Disclaimer: 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.
Polarized Light Microscopy (PLM)

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

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

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Timothy Maxwell
Analyst

Carlyle R. Maldonado
Laboratory Supervisor

Other Approved Signatory

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**POLARIZED LIGHT MICROSCOPY (PLM)**

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

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

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<th>NONASBESTOS</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>Old board office - brown linoleum</td>
<td>Brown Non-Fibrous Homogeneous</td>
<td>Dissolved/Crushed</td>
<td>None Detected</td>
<td>60% Cellulose 40% Other</td>
</tr>
<tr>
<td>10A</td>
<td>Old board office - mastic for 10</td>
<td>Black Non-Fibrous Homogeneous</td>
<td>Dissolved/Crushed</td>
<td>None Detected</td>
<td>10% Cellulose 90% Other</td>
</tr>
<tr>
<td>11-1</td>
<td>Room 113 - 2x4 vertical wavy ceiling tile</td>
<td>Grey/White Other Heterogeneous</td>
<td>Teased/Crushed</td>
<td>None Detected</td>
<td>20% Cellulose 50% Min. Wool 20% Perlite 10% Other</td>
</tr>
<tr>
<td>11-2</td>
<td>Room 116 restm - 2x4 vertical wavy ceiling tile</td>
<td>Grey/White Other Heterogeneous</td>
<td>Teased/Crushed</td>
<td>None Detected</td>
<td>20% Cellulose 50% Min. Wool 20% Perlite 10% Other</td>
</tr>
<tr>
<td>11-3</td>
<td>Room 115 - 2x4 vertical wavy ceiling tile</td>
<td>Grey/White Other Heterogeneous</td>
<td>Teased/Crushed</td>
<td>None Detected</td>
<td>20% Cellulose 50% Min. Wool 20% Perlite 10% Other</td>
</tr>
<tr>
<td>12-1</td>
<td>Basement hail - trowelled on ceiling</td>
<td>Beige/White Non-Fibrous Heterogeneous</td>
<td>Crushed</td>
<td>None Detected</td>
<td>100% Other</td>
</tr>
</tbody>
</table>

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**Signature:**

- **Timothy Maxwell**
  **Analyst**

- **R.K. Maloney**
  **Laboratory Supervisor**

Other Approved Signatory

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**Polarized Light Microscopy (PLM)**

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

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<th>Sample</th>
<th>Location</th>
<th>Appearance</th>
<th>Sample Treatment</th>
<th>Asbestos</th>
<th>Nonasbestos</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-2</td>
<td>hallway - trowelled on ceiling</td>
<td>Beige/White Non-Fibrous Heterogeneous</td>
<td>Crushed</td>
<td>None Detected</td>
<td>100% Other</td>
</tr>
<tr>
<td>12-3</td>
<td>hallway - trowelled on ceiling</td>
<td>Beige/White Non-Fibrous Heterogeneous</td>
<td>Crushed</td>
<td>None Detected</td>
<td>100% Other</td>
</tr>
<tr>
<td>12-4</td>
<td>hallway - trowelled on ceiling</td>
<td>Beige/White Non-Fibrous Heterogeneous</td>
<td>Crushed</td>
<td>None Detected</td>
<td>100% Other</td>
</tr>
<tr>
<td>12-5</td>
<td>hallway - trowelled on ceiling</td>
<td>Beige/White Non-Fibrous Heterogeneous</td>
<td>Crushed</td>
<td>None Detected</td>
<td>100% Other</td>
</tr>
<tr>
<td>13-1</td>
<td>BSMT - courtyard - trowelled on wall</td>
<td>White/Brown/Yellow Other Heterogeneous</td>
<td>Crushed/Dissolved</td>
<td>None Detected</td>
<td>2% Other 98% Other</td>
</tr>
<tr>
<td>13-2</td>
<td>Entrance to boiler room - trowelled on wall</td>
<td>White/Brown/Yellow Other Heterogeneous</td>
<td>Crushed/Dissolved</td>
<td>None Detected</td>
<td>3% Other 97% Other</td>
</tr>
</tbody>
</table>

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Timothy Maxwell  
Analyst

R.K. Maloney  
Laboratory Supervisor

Other Approved  
Signatory

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E R & M Inc.
P.O.Box 9026
Trenton, NJ 08650

Polarized Light Microscopy (PLM)

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

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<th>SAMPLE TREATMENT</th>
<th>ASBESTOS</th>
<th>NONASBESTOS</th>
</tr>
</thead>
<tbody>
<tr>
<td>13-3</td>
<td>Cust. office - trowelled on wall</td>
<td>White/Grey/Black Other Heterogeneous</td>
<td>Crushed/Dissolved</td>
<td>None Detected</td>
<td>2% Other</td>
</tr>
<tr>
<td>13-4</td>
<td>Hall by woodshop - trowelled on wall</td>
<td>White/Black/Grey Other Heterogeneous</td>
<td>Crushed/Dissolved</td>
<td>None Detected</td>
<td>2% Other</td>
</tr>
<tr>
<td>13-5</td>
<td>Hall by art room - trowelled on wall</td>
<td>White/Black Other Heterogeneous</td>
<td>Crushed/Dissolved</td>
<td>None Detected</td>
<td>2% Other</td>
</tr>
<tr>
<td>14-1</td>
<td>Hall by 303 - wall plaster</td>
<td>Beige Non-Fibrous Homogeneous</td>
<td>Crushed</td>
<td>None Detected</td>
<td>100% Other</td>
</tr>
<tr>
<td>14-2</td>
<td>Room 303 - wall plaster</td>
<td>Beige Non-Fibrous Homogeneous</td>
<td>Crushed</td>
<td>None Detected</td>
<td>100% Other</td>
</tr>
<tr>
<td>14-3</td>
<td>Room 304 - wall plaster</td>
<td>Beige Non-Fibrous Homogeneous</td>
<td>Crushed</td>
<td>None Detected</td>
<td>100% Other</td>
</tr>
</tbody>
</table>

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Timothy Maxwell
Analyst

K. K. Madison
Laboratory Supervisor

Other Approved Signatory

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**Sample: W.N.Y. BOE, H. Bains**

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<th>Location</th>
<th>Appearance</th>
<th>Treatment</th>
<th>Asbestos</th>
<th>Type</th>
<th>Nonasbestos</th>
<th>Fibrous</th>
<th>% Nonfibrous</th>
</tr>
</thead>
<tbody>
<tr>
<td>14-4</td>
<td>Hall by 203 - wall plaster</td>
<td>Beige, Non-Fibrous, Homogeneous</td>
<td>Crushed</td>
<td>None Detected</td>
<td></td>
<td>100% Other</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14-5</td>
<td>Room 204 - wall plaster</td>
<td>Beige, Non-Fibrous, Homogeneous</td>
<td>Crushed</td>
<td>None Detected</td>
<td></td>
<td>100% Other</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14-6</td>
<td>Room 104 - wall plaster</td>
<td>Beige, Non-Fibrous, Homogeneous</td>
<td>Crushed</td>
<td>None Detected</td>
<td></td>
<td>100% Other</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14-7</td>
<td>Hall by 102 - wall plaster</td>
<td>Beige, Non-Fibrous, Homogeneous</td>
<td>Crushed</td>
<td>None Detected</td>
<td></td>
<td>100% Other</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15-1</td>
<td>Hall by 303 - ceiling plaster</td>
<td>White/Beige/Blue, Non-Fibrous, Heterogeneous</td>
<td>Crushed</td>
<td>None Detected</td>
<td></td>
<td>100% Other</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15-2</td>
<td>Room 303 - ceiling plaster</td>
<td>White/Beige/Blue, Non-Fibrous, Heterogeneous</td>
<td>Crushed</td>
<td>None Detected</td>
<td></td>
<td>100% Other</td>
<td></td>
<td></td>
</tr>
</tbody>
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**POLARIZED LIGHT MICROSCOPY (PLM)**

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

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<th>ASBESTOS</th>
<th>NONASBESTOS</th>
</tr>
</thead>
<tbody>
<tr>
<td>15-3</td>
<td>Room 304 - ceiling plaster</td>
<td>White/Beige Non-Fibrous Heterogeneous</td>
<td>Crushed</td>
<td>None Detected</td>
<td>100% Other</td>
</tr>
<tr>
<td>15-4</td>
<td>Hall by 203 - ceiling plaster</td>
<td>White/Beige Non-Fibrous Heterogeneous</td>
<td>Crushed</td>
<td>None Detected</td>
<td>100% Other</td>
</tr>
<tr>
<td>15-5</td>
<td>Room 203 - ceiling plaster</td>
<td>White/Beige Non-Fibrous Heterogeneous</td>
<td>Crushed</td>
<td>None Detected</td>
<td>100% Other</td>
</tr>
<tr>
<td>15-6</td>
<td>Room 104 - ceiling plaster</td>
<td>White/Beige Non-Fibrous Heterogeneous</td>
<td>Crushed</td>
<td>2% Chrysotile</td>
<td>98% Other</td>
</tr>
<tr>
<td>15-7</td>
<td>Hall by 104 - ceiling plaster</td>
<td>White/Beige Non-Fibrous Heterogeneous</td>
<td>Crushed</td>
<td>None Detected</td>
<td>100% Other</td>
</tr>
<tr>
<td>16-1</td>
<td>Sub BSMT stairwell - aircell</td>
<td>Grey Fibrous Homogeneous</td>
<td>Teased</td>
<td>30% Chrysotile</td>
<td>20% Cellulose 50% Other</td>
</tr>
</tbody>
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<tr>
<td>16-2</td>
<td>Sub BSMT stairwell - aircell</td>
<td>Grey Fibrous Homogeneous</td>
<td>Teased</td>
<td>30% Chrysotile</td>
<td>20% Cellulose</td>
</tr>
<tr>
<td>16-3</td>
<td>Sub BSMT stairwell - aircell</td>
<td>Grey Fibrous Homogeneous</td>
<td>Teased</td>
<td>30% Chrysotile</td>
<td>20% Cellulose</td>
</tr>
<tr>
<td>18</td>
<td>Kindergarten - sheetrock</td>
<td>Brown/White Other Heterogeneous</td>
<td>Teased/Crushed</td>
<td>None Detected</td>
<td>10% Cellulose</td>
</tr>
<tr>
<td>18A</td>
<td>Kindergarten - joint cnrd.</td>
<td>White Non-Fibrous Homogeneous</td>
<td>Crushed</td>
<td>None Detected</td>
<td>100% Other</td>
</tr>
<tr>
<td>19-1</td>
<td>Room 212 - 2x2 wavy ceiling tile</td>
<td>White/Beige Other Heterogeneous</td>
<td>Teased/Crushed</td>
<td>None Detected</td>
<td>30% Cellulose</td>
</tr>
<tr>
<td>19-2</td>
<td>Room 212 - 2x2 wavy ceiling tile</td>
<td>White/Beige Other Heterogeneous</td>
<td>Teased/Crushed</td>
<td>None Detected</td>
<td>30% Cellulose</td>
</tr>
</tbody>
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<tr>
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<td>Room 212 - 2x2 wavy ceiling tile</td>
<td>White/Beige Other Heterogeneous</td>
<td>Teased/Crushed</td>
<td>None Detected</td>
<td>30% Cellulose 30% Min. Wool 10% Perlite 10% Other</td>
</tr>
<tr>
<td>22-1</td>
<td>Boiler room - breech</td>
<td>Grey/White Other Homogeneous</td>
<td>Crushed</td>
<td>None Detected</td>
<td>2% Glass 10% Mica 88% Other</td>
</tr>
<tr>
<td>22-2</td>
<td>Boiler room - breech</td>
<td>Grey/White Other Homogeneous</td>
<td>Crushed</td>
<td>None Detected</td>
<td>2% Glass 10% Mica 88% Other</td>
</tr>
<tr>
<td>22-3</td>
<td>Boiler room - breech</td>
<td>Grey/White Other Homogeneous</td>
<td>Crushed</td>
<td>None Detected</td>
<td>2% Glass 10% Mica 88% Other</td>
</tr>
<tr>
<td>23-1</td>
<td>Boiler room - fittings assoc. w/ fiberglass</td>
<td>Brown/Grey Other Heterogeneous</td>
<td>Crushed</td>
<td>None Detected</td>
<td>30% Min. Wool 70% Other</td>
</tr>
<tr>
<td>23-2</td>
<td>Boiler room - fittings assoc. w/ fiberglass</td>
<td>Brown/Grey Other Heterogeneous</td>
<td>Crushed</td>
<td>None Detected</td>
<td>30% Min. Wool 70% Other</td>
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**Signature:**

Timothy Maxwell  
Laboratory Analyst

R. K. Mahoney  
Other Approved Signatory
E R & M Inc.  
P.O. Box 9026  
Trenton, NJ 08650  

Wednesday, July 26, 1995  
Ref Number: NC95345  

Polarized Light Microscopy (PLM)

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

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<tr>
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<td>Boiler room - fittings assoc. w/ fiberglass</td>
<td>Brown/Grey Other Heterogeneous</td>
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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

R. K. Maloney  
Laboratory Supervisor

Other Approved  
Signatory

Disclaimer: 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 TEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by ESM. The above test report must not be used by the client to claim product endorsement by NIVLAP nor any agency of the United States Government. All "NIVLAP" reports with NIVLAP 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.
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RELIQUISHED BY: (SIGNATURE)   DATE TIME   RECEIVED BY: (SIGNATURE)   DATE TIME

7/17/95  1230   Ramano  7/17/95  1230
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RELIQUISHED BY: [Signature]  7/17/95  12:30 PM  RECIPIENT: [Signature]  7/17/95  1:11 PM
Environmental Remediation & Management, Inc
P.O. Box 9026
Trenton, NJ 08650

Friday, August 18, 1995
Ref Number: WT954817


Project: H. Bains School

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

Peter Frasca, Ph.D.
Director

Laboratory Supervisor

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

Accredited for PLU/TEM NVLAP 1048
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**Relinquished By:** (Signature)  
Cathy D'Urso  
Date: 8/17  Time: 11:53 AM  
Received By: (Signature)
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 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.
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 purposes: (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 occupants; 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.
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 (PEOSH) 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.
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 fireable ACM, maintenance work may unintentionally disturb the ACM and release asbestos fibers.
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.
Accidental Disturbance of ACM Possible: (continued)

Workers should 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 exist 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.)
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 OSHA 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.
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.
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.
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.
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.
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 insures 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!
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.

Figure 3
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)
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

<table>
<thead>
<tr>
<th>NAME OF RESPONSIBLE GOVERNING AUTHORITY</th>
<th>TELEPHONE NUMBER</th>
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<tbody>
<tr>
<td>West New York Board of Education</td>
<td>201-902-1122</td>
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<tr>
<th>STREET ADDRESS</th>
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<th>COUNTY</th>
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<tbody>
<tr>
<td>100 51st Street</td>
<td>West New York</td>
<td>Hudson</td>
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<thead>
<tr>
<th>NAME OF ASBESTOS PROGRAM MANAGER</th>
<th>AFFILIATION</th>
<th>TELEPHONE NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cathy DiNardo</td>
<td>ER&amp;M Inc.</td>
<td>609-259-8077</td>
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## FACILITY

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<tr>
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<th>STREET ADDRESS</th>
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<tr>
<td>6200 Broadway Street</td>
<td>West New York</td>
<td>Hudson</td>
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<tr>
<th>DATE THREE-YEAR REINSPECTION OCCURRED</th>
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<td></td>
<td>August 22, 1994</td>
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## INSPECTORS/ASSESSORS

<table>
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<th>ADDRESS</th>
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<tbody>
<tr>
<td>CATHY DINARDO</td>
<td>PO BOX 9026, TRENTON, NJ 08650</td>
<td>609-259-8077</td>
<td>Cathy DiNardo</td>
</tr>
<tr>
<td>AFFILIATION</td>
<td>STATE AND ACCREDITATION #</td>
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<tr>
<td>ER&amp;M INC.</td>
<td>NJ 11543</td>
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<tr>
<td>GARY LEVERENCE</td>
<td>PO BOX 9026, TRENTON, NJ 08650</td>
<td>609-259-8077</td>
<td>Gary Leverence</td>
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<td>ER&amp;M INC.</td>
<td>NJ 11542</td>
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New Jersey State Department of Health
Asbestos Control Service
CH 360, Trenton, NJ 08629-0360

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

Evaluation of resources needed to complete response actions successfully and carry out reinspections and operations and maintenance activities.

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

80 lin. ft. T.S.I.

INITIAL
$6862.00

ANNUAL
$3695.00
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<tr>
<th>Equipment</th>
<th>Cost</th>
<th>Estimated need* initiation of O&amp;M Program</th>
<th>Estimated annual* Cost after First Year</th>
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<td>Half-face, dual-cartridge, negative pressure respirator</td>
<td>$15.00/each</td>
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<td>HEPA filter cartridges</td>
<td>$35.00/box of 10</td>
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<td>Powered air purifying respirator cartridges</td>
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<tr>
<td>Custodial Salaries (in man hours)</td>
<td>$20.00/hr.</td>
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*All costs are estimated in 1988 dollars.
COST OF ASBESTOS ABATEMENT AND REPAIR BY OUTSIDE CONTRACTORS

Abatement Costs:

Removal

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.
Accoustical Plaster $12.00 sq. ft.
Miscellaneous materials $8.00 sq. ft.

*Include supervision by New Jersey Certified Asbestos Safety Technician.
TRAINING

Training 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.
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.
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 this 21 day of August, 1984.

[Signature]

Commissioner of Education

WHITE COPY -- ORIGINAL APPROVAL
GOLDENROD COPY -- COUNTY SUPERINTENDENT'S DUPLICATE
YELLOW COPY -- OFFICE COPY
PINK COPY -- ARCHITECT'S DUPLICATE
**CERTIFICATE OF ANALYSIS**

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

All volumes adjusted to standard temperature and pressure

NIOSH Method No. 239  
PAT No. 420
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

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<th>Volume Sampled</th>
<th>Fibers/cc</th>
</tr>
</thead>
<tbody>
<tr>
<td>0201 Outside decontamination chamber</td>
<td>8,176</td>
<td>642 l</td>
<td>0.013</td>
</tr>
<tr>
<td>0202 Inside Area Sample adjacent pipes</td>
<td>46,721</td>
<td>110 l</td>
<td>0.425</td>
</tr>
</tbody>
</table>

NIOSH Method No. 239
PAT No. 420

Wm. Chip D'Angelo
President
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

<table>
<thead>
<tr>
<th>Sample/Location</th>
<th>Fibers</th>
<th>Volume Sampled</th>
<th>Fibers/cc</th>
</tr>
</thead>
<tbody>
<tr>
<td>Post 01 Inside boiler room with door closed</td>
<td>101,618</td>
<td>1,322 l</td>
<td>.077</td>
</tr>
</tbody>
</table>

Volume adjusted to standard temperature and pressure

NIOSH Method No. 239  
PAT No. 420

Wm. Chip D'Angelo  
President
Completed Response Action/Contractor Accreditation

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. Material Description Footage ERN #
05 9x9 Tan/Blue Floor tile 1250SF

Incident #

8/17/95 8/17/95
Date
Beginning Completion

Location of Work
Room 102

Description/Methods Used
Dispose of waste

Footage
600 SF

Comments

Total ACM Repaired Total ACM Removed Air Samples Taken? [X] Yes [ ] 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 Griss Landfill

Address 1513 Bordentown RD.

Harrisville, Pa 19067

Waste Hauler Custom Clean Inc.

Phone/Date

Designated Person/Date NJ DEP# 17992
<table>
<thead>
<tr>
<th>1. WORK SITE NAME &amp; MAILING ADDRESS</th>
<th>Owner's Name</th>
<th>Owner's Phone No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>West New York Middle School</td>
<td>North York</td>
<td>201-902-1130</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2. OPERATOR NAME &amp; ADDRESS</th>
<th>Operator's Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Custom Clean Inc.</td>
<td>609-778-9742</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3. WASTE DISPOSAL SITE: CIRCLE ONE</th>
<th>Tullytown Resource Recovery Facility</th>
</tr>
</thead>
<tbody>
<tr>
<td>G.R.W.S., Inc.</td>
<td>200 Bordentown Road</td>
</tr>
<tr>
<td>1513 Bordentown Road</td>
<td>Tullytown, PA 19007</td>
</tr>
<tr>
<td>Morrisville, PA 19067</td>
<td>(215) 943-9732</td>
</tr>
</tbody>
</table>

| 4. NAME and ADDRESS OF RESPONSIBLE AGENCY | |
|-------------------------------------------| |
| NJDEP                                      | |
| 1000 New Ford Mill Road                   | |
| Morrisville, PA 19067                     | |
| (215) 736-9478                            | |

| 5. DESCRIPTION OF MATERIALS CIRCLE ONE | |
|---------------------------------------| |
| FRIABLE                               | |

<table>
<thead>
<tr>
<th>6. CONTAINERS (bags, drums)</th>
<th>7. QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>no. 175</td>
<td>20 yds.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PROFILE/WASTE STREAM ID NUMBER:</th>
</tr>
</thead>
<tbody>
<tr>
<td>LUMINA 16,131</td>
</tr>
</tbody>
</table>

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

| 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 national and governmental regulations. |

<table>
<thead>
<tr>
<th>Printed/Typed Name and Title</th>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anthony Parilla, PWA</td>
<td></td>
<td>3/22/95</td>
</tr>
</tbody>
</table>

| 10. TRANSPORTER (Acknowledgment of receipt of materials) | |
|----------------------------------------------------------| |
| Address and Phone No.                                    | 609-778-9742 |
| Custom Clean Inc.                                        | 1305 Stonehouse Dr. Williamsfield, NJ 08884 |

<table>
<thead>
<tr>
<th>Printed/Typed Name and Title</th>
<th>Signature</th>
<th>Date</th>
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</thead>
<tbody>
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<td></td>
<td>3/22/95</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>11. DISCREPANCY INDICATION SPACE:</th>
</tr>
</thead>
</table>

| 12. WASTE DISPOSAL SITE - Owner/Operator: |
| Certification of receipt of asbestos materials covered by this manifest except as noted in item 11. |

<table>
<thead>
<tr>
<th>Printed/Typed Name and Title</th>
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<th>Date</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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.
Name of Responsible Governing Authority

West New York Board of Education

Name of Facility: Building Assessed

Harry L Bain (School #6)

6. 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.

(A) Date of Episode: February 14, 1993

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

(C) Response Action Taken

   Final Visual: The pipe covering had no (broken lagging, hanging, etc.). 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 had had the Special Hand & Program
   (1) John J Napierki
   2nd County Ave.
   Secaucus, New Jersey 07094
   (201) 867-0659

(E) The work was not done during normal school or work hours. So as to avoid possible exposure to others.
   Glove Bag, Clothes 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 61.26-25.
   All bags were then put into a lock-tight container which is under lock and key at the West New York Board of Education Garage.

Designated Asbestos Coordinator:

John J Napierki
**Fiber Release Episode Report**

**Section 1**

<table>
<thead>
<tr>
<th>Responsible Governing Authority</th>
<th>Facility</th>
<th>Building</th>
<th>ERM #</th>
</tr>
</thead>
<tbody>
<tr>
<td>West New York Board of Education</td>
<td>Harry Bains School</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Location of Episode</th>
<th>Date of Episode</th>
<th>Person Reporting Episode</th>
<th>Date Reported</th>
</tr>
</thead>
<tbody>
<tr>
<td>Room 102</td>
<td>8/17/95</td>
<td>James Verbiest</td>
<td>8/17/95</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Homogeneous Material Affected</th>
<th>Material Description</th>
<th>Footage Affected</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID # 05</td>
<td>9x9 Tan/Blue Spot Floor tile</td>
<td>600 [x] Sq [ ] Ln</td>
</tr>
</tbody>
</table>

<table>
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<tr>
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<th>Material Description</th>
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</tr>
</thead>
<tbody>
<tr>
<td>ID #</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Initial Instructions:**
- Minor/Major* Fiber Release
- Isolate/Restrict Entry to Area
- Shut off HVAC systems
- Notify Asbestos Program Manager
- Complete Sections 1 & 2 and forward to Asbestos Program Manager

**Reason for Fiber Release:**
- [x] Accidental Disturbance
- [ ] Vandalism
- [x] Water Damage
- [ ] Delamination
- [ ] Air Erosion
- [ ] Other

**Section 2**

Description of Episode: Due to severe leaks in rm 102, floor tile became dislodged and maintenance personnel inadvertently began to collect the tiles. The incident was brought to Mr. Verbis’ attention and he contacted ERM immediately called in a licensed asbestos abatement contractor to haul the tiles.

**Section 3**

**Recommended Remediation:**
- Dispose of waste in accordance with NJ DEP regulations
- Air samples should be taken as a precaution
- Document remediation on appropriate form (small scale activity report or contractor accreditation)

**Comments:** Tiles were not broken and were extremely wet and completely dislodged.

**Air Samples Taken?**
- [x] Yes
- [ ] No

**Management Planner Name/Date**
- Cathy Dikardo / 8/17/95

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*Environmental Remediation & Management, Inc.*

File: AHERA15