

REGION _____

AREA Haz. Mat. RATING 198

| ACKNOWLEDGMENT AND CONTROLS | DATE |
|-----------------------------|------|
| | |
| | |
| | |
| | |

Howard County Department of Health
BUREAU OF ENVIRONMENTAL HEALTH

| DISPOSITION | DATE |
|-------------|------|
| | |
| | |
| | |
| | |

RECORD OF INVESTIGATION

* CONFIDENTIAL, PLEASE *

LOCATION ABBOTT HOUSE, APT. 509, COLUMBIA ZIP _____

OWNER _____

OCCUPANT MRS. NANCY LUDWIG ADDRESS " " PHONE 992-9545

COMPLAINANT SAME ADDRESS _____ PHONE # 150

REASON FOR INVESTIGATION WANTS REINSPECTION OF HER ASBESTOS-CONTAINING CEILING

(AS 5 YEARS AGO) ALTHOUGH HASNT BEEN DISTURBED STATES TAP WATER TASTES LIKE CHLORINE CODES _____

RECEIVED BY INGALLS DATE 11/6/85 ASSIGNED TO INGALLS DATE 11/6/85

DATE OF INVESTIGATION 11/6/85 TIME 2:10 PM WEATHER _____

REPORT ARRIVE AT MRS. LUDWIG'S APT. WITH K. SINGER & INSPECT

WATER: RESIDUAL CL₂ 0.5 PPM, NO PROBLEM

CEILING: CRACK ALONG ITS LENGTH IN HALLWAY FROM OLD WATER

DAMAGE CAUSED BY TENANT ABOVE. SMALL AMOUNT (A FEW IN²)

OF STIPPLED FINISH HAS LOOSENED THEREFROM BUT DOES NOT

SEPARATE FREELY. ALSO NOTE ABOUT 1/2 FT² OF CEILING IN

HER REAR BEDROOM NEAR CLOSET HAS BEEN PLASTERED OVER

BUT NOT PAINTED. GENERALLY REMAINDER OF CEILING THROUGHOUT

APT. IS IN GOOD CONDITION, NO EVIDENCE OF FALLOUT OR DUST

THEREFROM. MRS. LUDWIG VOICES MANY ADDITIONAL COMPLAINTS

ABOUT WHAT SHE BELIEVES TO BE HER SUBSTANDARD HOUSING.

OUT AT 2:40 P.M. NOTE TENANT DOES NOT WANT

RENTAL OFFICE OR MANAGEMENT ADVISED OF HER COMPLAINT(S)

DATE SUBMITTED 11/6/85 SANITARIAN [Signature]

339
DJW

FILE Air Pollution, Interior DATE REPORTED 11-12-80

PROPERTY OWNER Abbott House., Apt of Nancy Ludwig

P.O. ADDRESS _____ TELEPHONE _____

DIRECTIONS TO PROPERTY Corner of Harpers Farm Rd and Cedar Lane.

At Request of Jim Lewis, examine Ludwig apt to determine if undue fallout is occurring due to water damage to the ceiling of her apt.

INFORMANT This is a resurrection of an old complaint.

IC 150
apt 590

Sample submitted 1-22-81 DJW

CONDITION FOUND _____

Sample found to contain 1-2% Chrysotile Asbestos
Mrs Ludwig informed that ceiling sample she
submitted is consistent with other taken @ the
building

Mon 2-27-81 File Asbestos

Ogle's Asbestos Sampling File

ACTION TAKEN _____

FINAL DISPOSITION _____

HOWARD COUNTY HEALTH DEPARTMENT

JOYCE M. BOYD M.D. M.P.H.
DEPUTY STATE AND
COUNTY HEALTH OFFICER



BUREAU OF ENVIRONMENTAL HEALTH
3716 COURT PLACE
ELLCOTT CITY, MARYLAND 21043
TELEPHONE 992-2330

October 1, 1980

Abbott House
5495 Cedar Lane
Columbia, Maryland 21044

Attention: Walter Brooks, Manager

Dear Mr. Brooks:

At the request of a tenant we collected samples of the ceiling material at Abbott House on June 19, 1980. Those samples were found to contain approximately 2-3% Chrysotile asbestos. Most of the ceilings observed appeared to have been painted on one or more occasions, and were hard, tight, and did not show any evidence of disintegration.

Asbestos is a mineral which breaks down into tiny fibers. The fibers, if loose in the air can remain airborne for long periods. Large concentrations of airborne asbestos are known to cause lung cancers. Some researchers believe that even slight concentrations can be hazardous.

At this time we have no evidence to suggest that the ceiling material used in Abbott House presents a health hazard. It is clear, however, that any activity which damages the ceiling is unwise, as the activity might expose the resident to free asbestos fibers.

It is therefore necessary that all residents and employees be informed that asbestos is present in the ceiling, and that no one should conduct activity, such as pounding, drilling, sanding, or brushing, which might knock particles loose from the ceiling. It may also be prudent to paint any ceiling which has not yet been painted with a latex paint to bind any particles which may be loose. If painting in the past was observed to knock particles loose, painting would be unwise. Please contact me if that is the case.

Please let me know of your plans to inform present and future residents of the potential problem sometime in the next two (2) weeks. An appropriate mechanism might be to inform the current residents by a newsletter and to include a statement in future leases warning against ceiling damage due to the potential for the release of asbestos.

Has this been done ???

Abbott House

- 2 -

October 1, 1980

At this time explaining the problem to residents and painting bare ceilings are appropriate. If, in the future, we learn that the health risk caused by the ceilings is significant we may order other appropriate abatement action.

Sincerely yours,

David J. O'Neill, Director
Community Hygiene Programs

DJO'N:hs

cc: Tom Ogle
Chris Williams

Abbott House

Tom Carver
V.P. 995-0999
Col. Res. Mgmt
Clyde Shippe
792-2607

REGION _____

AREA _____ RATING _____

| ACKNOWLEDGMENT AND CONTROLS | DATE |
|-----------------------------|------|
| | |
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Howard County Department of Health
 BUREAU OF ENVIRONMENTAL HEALTH
RECORD OF INVESTIGATION

| DISPOSITION | DATE |
|-------------|------|
| | |
| | |
| | |
| | |

LOCATION ABBOT HOUSE APT 509 ZIP _____

OWNER OCCUPANT MRS LUDWIG ADDRESS 4595 CEDAR LANE PHONE 992-9545

COMPLAINANT SHIPPE ADDRESS BUILDING INSPECTOR PHONE 792-2607

REASON FOR INVESTIGATION MRS LUDWIG BELIEVES SHE HAS AN ASBESTOS PROBLEM.
PREVIOUS SAMPLE BY EPA 1980 - "MARGINAL", SAMPLE 1983 "NO RESPONSE"

RECEIVED BY C. Sullivan DATE 7/22/86 ASSIGNED TO _____ DATE _____

DATE OF INVESTIGATION _____ TIME _____ WEATHER _____

REPORT 7/21/86 call Mrs. Ludwig 9:45 AM re above referral. Has wide array of complaints re building in general, her apt. Unit has painted in the 13 years she's been there. Doesn't want me to approach front office about her specific (alleged) particular problem as it would "single her out" rather disjointed conversation. 11:45 arrive. Ceilings generally in good ~~water~~ repair. That in spare room was never painted, material chunks fairly easily dislodged by abrasion. ~~Many~~ ~~comp~~ ~~no~~ fine particulates so generated. ~~Not~~ ~~frable~~ Somewhat friable. Discuss painting with Mrs. Ludwig. Doesn't want done individually (fear of reprisal), only as part of whole building renovation.

DATE SUBMITTED _____ SANITARIAN _____

DEPARTMENT OF HEALTH AND MENTAL HYGIENE
 Toxic Substances Control Program
 Division of Environmental and Industrial
 Disease Control

BULK MATERIAL ANALYSIS FOR ASBESTOS

| | | | | |
|---------------------------------|--|------------------------------------|--|----------|
| County | Howard | Sample No. HO-61 | TSC No. | Lab. No. |
| Facility | Abbott House, Residential Apts for elderly. | | Approx. Year of Construction or Renovation | 1971 |
| Address | Cedar Lane, Columbia | | | |
| Sample Location and Description | 8 th floor stairway vestibule | | | |
| Remarks | Sprayed on ceiling - tightly bound by successive coats of paint. | | | |
| Collected By | Tom Ogle | Social Security No. 215-42-8312 | Date Collected 6/19/80 | |

Phone # 992-2330

DHMH 3067

GEORGE F. NEIMEYER
DIRECTOR
992-2400

Deaf TDD Number 992-2323



DEPARTMENT of PUBLIC WORKS of HOWARD COUNTY
3430 COURT HOUSE DRIVE, ELLICOTT CITY, MARYLAND 21043

Bureau of Engineering
William E. Riley, Chief
Bureau of Environmental Services
James M. Irvin, Chief
Bureau of Facilities
John Zitnyar, Chief
Bureau of Highways
Granville W. Wehland, Chief
Bureau of Inspections, Licenses, and Permits
M. Robert Gemmill, Chief
Bureau of Utilities
Robert M. Beringer, Chief

MEMORANDUM

MEMO TO: John Ingalls, Acting Director, Technical Services Program
Environmental Health

FROM: Clyde S. Shippe, Housing Inspector *CSS*
Inspections and Enforcement Division

DATE: August 13, 1986

SUBJECT: ABBOTT HOUSE - Asbestos Complaint

Would you please send me a report of your asbestos findings in Unit No. 509, Abbott House, and recommend what remedial action will be required if any.

I may be contacted at (301) 792-2607.

CSS/bkh

8/15/86
Cathy - please find all
wfs (asbestos) in
files for me on this premise.
Thanks
- Jim

WASTE-NOT



RECYCLE

10-9-86

STATE OF MARYLAND
DEPARTMENT OF HEALTH AND MENTAL HYGIENE
LABORATORIES AND RESEARCH ADMINISTRATION
AIR QUALITY LABORATORY

Place Collected ABBOT HOUSE Date Collected 10-2-86

Sample Data ABTHS-HALL 7 LAB # 860609

Remarks

Nature of Material CEILING MATERIAL

Analysis Desired ASBESTOS

Submitted by JOHN INGALLS - HOWARD COUNTY Date Received 10-7-86

Chemist DENNIS O. KESKAR / CLAY M. BROWN Date Completed 10-2-86

Analytical Method POLARIZED LIGHT MICROSCOPY & STEREO MICROSCOPY

SAMPLE CONTAINS:

- CHRYSOPILE ASBESTOS — 10%
- ORGANIC FIBERS — 1%
- NON-FIBROUS PARTICULATE — 89%

(AVERAGE % REPORTED)

AK
10-8-86

STATE OF MARYLAND
DEPARTMENT OF HEALTH AND MENTAL HYGIENE
LABORATORIES AND RESEARCH ADMINISTRATION
AIR QUALITY LABORATORY

Place Collected ABBOT House Date Collected 10-2-86

Sample Data ABTHS-505 LAB # 96610

Remarks

Nature of Material CEILING MATERIAL

Analysis Desired ASBESTOS

Submitted by JOHN INGRAMS - HOWARD COUNTY Date Received 10-7-86

Chemist Blann G. Rickard / Gary M. Brauning Date Completed 10-8-86

Analytical Method POLARIZED LIGHT MICROSCOPY & STEREO MICROSCOPY

SAMPLE CONTAINS:

CHRYSOTILE ASBESTOS: _____ 8%

ORGANIC FIBERS: _____ 2%

NON-FIBROUS PARTICULATE: _____ 90%

(ANGLE % REPORTED)

60
DJBN

V V

Inquiry

FILE Asbestos Complaint DATE REPORTED February 26, 1980

PROPERTY OWNER Abhatt
Abhatt House

P.O. ADDRESS _____ TELEPHONE _____

DIRECTIONS TO PROPERTY _____

INFORMANT Nancy Ludwig PHONE: 992-9545
5495 Ceder Lane APT 509 INTERCOM #150
Columbia, Md.

See attach note

3-7-80 N.A.

Marguerite Jumpst

CONDITION FOUND 6/18/80 TSD: Mr. Walter Brooks, Manager

Building dedicated in 1971. Sprayed-on, textured ceiling in apts. and hallways, except 1st floor public areas & 9th (top) floor ~~ceiling~~ ceilings. Inspected several hallways & Mr. Brook's apt. - Ceilings in good condition, very tight, apparently several coats of paint.

ACTION TAKEN Brooks said that apts. re-painted with every tenant turnover. No ceiling dust found over several door jamb moldings inspected.

Original HUD building specs. approved following products for use in ceilings: U.S. Gypsum "Imperial QT Texture Finish"
National Gypsum Co. "Gold Bond Spray = Quick"
Welcote "Professional Spray Surfer"
Application rate specified at 4-8 ft.²/lb.

FINAL DISPOSITION Sample (HO-61) taken from 8th floor stairwell vestibule.

DEPARTMENT OF HEALTH AND MENTAL HYGIENE
 Toxic Substances Control Program
 Division of Environmental and Industrial
 Disease Control

BULK MATERIAL ANALYSIS FOR ASBESTOS

| | | | |
|---------------------------------|--|---------------------|--|
| County | Sample No. | TSC No. | Lab. No. |
| Howard | HO-61 | T-355 | |
| Facility | Abbott House, Residential Apts for elderly. | | Approx. Year of Construction or Renovation |
| Address | 1971 | | |
| Sample Location and Description | Cedar Lane, Columbia 8 th floor stairway vestibule | | |
| Remarks | Spray handling slightly burned by successive coats of paint. | | |
| Collected By | Tom Oyle | Social Security No. | Date Collected |
| Phone # | 992-2330 | 215-42-8312 | DHMH 3067 6/17/80 |

LABORATORIES ADMINISTRATION
 OCCUPATIONAL HEALTH LAB
 201 W. PRESTON STREET
 BALTIMORE, MARYLAND 21201

Environmental Health Administration
 Toxic Substances Control Program
 Division of Environmental & Industrial
 Disease Control
 201 West Preston St., Room 215
 Baltimore, Maryland 21201
 (301) 383-2759

DO NOT WRITE IN THIS BOX
 Duplicate Sample Agreement _____
 Resubmission _____
 Date Rec'd TSC _____
 Date Reported _____
 Posted _____

| | |
|----------|----------------|
| County | Date Collected |
| Facility | |
| Address | |

| |
|---|
| Sample Location Description of Sample Remants |
|---|

| County Sample # | Laboratory Sample # | TSC # | Asbestos Present | Type | Quality | Other Fibers | Remarks & Comments by Analyst |
|-----------------|---------------------|-------|------------------|-----------------|---------|----------------------|-------------------------------|
| | 5418 | T-355 | Yes | 2-3% chrysotile | | Trace organic fibers | 95% am - fibers particulate |

Additional Remarks:

5418

RECEIVED

JUN 24

ASBESTOS PROJECT

Signature of Analyst AS weikert
 Date Analyzed 6/25/80
 Verified By OH/ly
 Date Verified 6/18/80

LABORATORIES ADMINISTRATION
 OCCUPATIONAL HEALTH LAB
 201 W. PRESTON STREET
 BALTIMORE, MARYLAND 21201

Environmental Health Administration
 Toxic Substances Control Program
 Division of Environmental & Industrial
 Disease Control
 201 West Preston St., Room 215
 Baltimore, Maryland 21201
 (301) 383-2759

DO NOT WRITE IN TH

BOX
 Duplicate Sample Agreement _____
 Resubmission _____
 Date Rec'd TSC _____
 Date Reported _____
 Posted _____

| | |
|----------|----------------|
| County | Date Collected |
| Facility | |
| Address | |

Sample Location
 Description of
 Sample Remants

| County Sample # | Laboratory Sample # | TSC # | Asbestos Present | Type | Quality | Other Fibers | Remarks & Comments by Analyst |
|-----------------|---------------------|-------|------------------|--------------------|---------|-------------------|-------------------------------|
| | 5418 | T-355 | yes | 2-3% Chrysotile | | Fibrous fibers | 95% am - fibers particulate |

Additional Remarks:

5418

RECEIVED

JUN 24

ASBESTOS PROJECT

Signature of Analyst AS Weichert
 Date Analyzed 6/25/80
 Verified By OH/ly
 Date Verified 6/18/80

Box
10-9-86

STATE OF MARYLAND
DEPARTMENT OF HEALTH AND MENTAL HYGIENE
LABORATORIES AND RESEARCH ADMINISTRATION
AIR QUALITY LABORATORY

Place Collected ABBOT HOUSE Date Collected 10-2-86

Sample Data ABTHS-406 LAB. # 860611

Remarks _____

Nature of Material Ceiling Material

Analysis Desired ASBESTOS

Submitted by JOHN INGALLS Date Received 10-7-86

Chemist Blenn O. Richard / Gary M. Browning Date Completed 10-8-86

Analytical Method POLARIZED LIGHT MICROSCOPY & STEREO MICROSCOPY

SAMPLE CONTAINS:

CHRYSTALINE ASBESTOS _____ 10%
ORGANIC FIBERS _____ 2%
NON-FIBROUS PARTICULATE _____ 88%

(AVERAGE % REPORTED)

gsm
10-3-86

STATE OF MARYLAND
DEPARTMENT OF HEALTH AND MENTAL HYGIENE
LABORATORIES AND RESEARCH ADMINISTRATION
AIR QUALITY LABORATORY

Place Collected ABBOT HOUSE Date Collected 10-2-86

Sample Data ABTTS-301 LAB. # 860612

Remarks

Nature of Material CERAMIC MATERIAL

Analysis Desired ASBESTOS

Submitted by JOHN INGALLS - HOWARD COUNTY Date Received 10-7-86

Chemist Blenn O. Rickard / Mary M. Browning Date Completed 10-8-86

Analytical Method POLARIZED LIGHT MICROSCOPY & STEREO MICROSCOPY

SAMPLE CONTAINS:

CHRYSOTILE ASBESTOS ————— 7%
ORGANIC FIBERS ————— 2%
NON-FIBROUS PARTICULATE ————— 91%

(AVERAGE % REPORTED)

MPK
10-9-86

STATE OF MARYLAND
DEPARTMENT OF HEALTH AND MENTAL HYGIENE
LABORATORIES AND RESEARCH ADMINISTRATION
AIR QUALITY LABORATORY

Place Collected ABBOT HOUSE Date Collected 10-2-86

Sample Data ABTTS - HALL 3 LAB # 860613

Remarks

Nature of Material Ceiling Material

Analysis Desired ASBESTOS

Submitted by JOHN INGALLS - HOWARD COUNTY Date Received 10-7-86

Chemist Blenn O. Rickard / Gary M. Brunning Date Completed 10-8-86

Analytical Method POLARIZED LIGHT MICROSCOPY & STEREO MICROSCOPY

SAMPLE CONTAINS:

CHRYSOITILE ASBESTOS _____ 8%
ORGANIC FIBERS _____ 2%
NON-FIBROUS PARTICULATE _____ 90%

(AVERAGE % REPORTED)

9302
10-9-86

STATE OF MARYLAND
DEPARTMENT OF HEALTH AND MENTAL HYGIENE
LABORATORIES AND RESEARCH ADMINISTRATION
AIR QUALITY LABORATORY

Place Collected ABST HOUSE Date Collected 10-2-86

Sample Data ABTHS HALLG LAB # 860614

Remarks

Nature of Material CERAMIC MATERIAL

Analysis Desired ASBESTOS

Submitted by JOHN INGLIS Date Received 10-7-86

Chemist Blenn O. Richard / Gary M. Beal Date Completed 10-8-86

Analytical Method POLARIZED LIGHT MICROSCOPY & STEREO MICROSCOPY

SAMPLE CONTAINS:

CHRYSTLE ASBESTOS _____ 80%
ORGANIC FIBERS _____ 2%
NON-FIBROUS PARTICULATE _____ 90%

MDE
10-8-86

STATE OF MARYLAND
DEPARTMENT OF HEALTH AND MENTAL HYGIENE
LABORATORIES AND RESEARCH ADMINISTRATION
AIR QUALITY LABORATORY

Place Collected Abbot House Date Collected 10/2/86

Sample Data ABTHS-903 Lab # 860608

Remarks

Nature of Material Ceiling material

Analysis Desired Asbestos

Submitted by John Ingalls - Howard County Date Received 10-7-86

Chemist Blair O. Richard / Gregory M. Blevins Date Completed 10-8-86

Analytical Method Polarized Light Microscopy + Stereo Microscopy

Sample Contains:

- Chrysotile asbestos ————— 15%
- Organic fibers ————— 2%
- Non-fibrous particulate ————— 83%

(Average % reported)



ACE ASBESTOS CONTROL EFFORTS



Winter 1987

Vol. 2, No. 1

Update: Maryland Asbestos Survey Project

Prepreparation for Phase II

The Asbestos Survey Unit of the Department of General Services is in the process of concluding Phase I of the Comprehensive Asbestos Survey and preparing for Phase II of the survey of State-owned buildings. Valuable experience gained in Phase I will be applied to Phase II.

A schedule of buildings to be surveyed is being updated. Information about structures at dozens of locations has been requested by Secretary Seboda from Agency Heads.

As information is received, it is entered in the computer catalogue of Phase II buildings. When all of the information requested has been provided to the Asbestos Survey Unit, the State will provide the contractor with a prioritized, current listing of buildings to be surveyed in Phase II.

We are concurrently preparing a final report of all buildings surveyed to date. The report will identify the location and condition of all asbestos found in the buildings surveyed during Phase I. Recommendations as to how to handle the asbestos-containing material (ACM) to ensure a safe and healthy environment are included in the report.

Cost estimates for implementing the recommendations are included in the reports. For the ACM which does not present an imminent health hazard in its present condition, Tracor Jitco, Inc. (TJI) has submitted an operations and maintenance program to the State.

Quality assurance inspections of Phase I buildings are being scheduled to insure that all information reflected in the Building Completion Reports (BCRs) is accurately documented. We regret the inconvenience this may cause, but have determined that an on-site inspection is necessary to verify information contained in the BCRs.

Variances exist between the Gross Square Footage (GSF) figures provided the contractor by the State and the GSF surveyed by the field inspection teams.

The differences appear to be caused by different definitions of what was to be included in the GSF. Departmental Coordinators have been asked to verify GSF figures.

The Departmental Coordinators and Agency Specialists have spent many long hours assisting the Asbestos Survey Unit gather information about their facilities. The time and effort they have expended to support the survey is greatly appreciated by the Asbestos Survey Unit.

IH Services Available

The Asbestos Survey Unit has prepared contract specifications for industrial hygiene (IH) services to monitor defendant's inspections and contractor's abatement activities. Awards will be made by February, 1987.

Facilities may use the IH abatement monitoring services for their projects and also to perform air monitoring after an in-house abatement job is performed by Level II employees. For information on how to use these resources, contact Mr. Leroy Phillips at 225-4700.

A standardized procedure for reviewing asbestos abatement contracts has been developed. The objective of this formalized procedure is to insure that asbestos abatement projects are evaluated by an industrial hygienist to establish the need for abatement and to determine that safety and health standards are adequately addressed. Additionally, the procedure assures that alternatives are presented to allow an appropriate management decision that conforms with facility and departmental plans for short and long term usages.

TENTATIVE TRIAL DATE SET

On January 6, 1987, the Court extended until June 1, 1987, the time by which the State has to place all buildings and products at issue. The Court also approved a two-year discovery period after buildings are placed at issue, thereby, scheduling a tentative trial date in June, 1989.

To assist the Office of the Attorney General in the State's asbestos case against the manufacturers and miners of asbestos and asbestos products, maintenance superintendents should notify Ms. Janet LaBella at 576-6352 or Mr. Joel Matz at 225-4704 of any product labels and stored boxes of asbestos materials found within their facility.

The State is currently involved in settlement negotiations with the vinyl asbestos tile (VAT) manufacturers. One topic under discussion is removing the existing VAT and replacing it with a nonasbestos tile. Maintenance superintendents are requested to identify and inform Mr. Matz or Ms. LaBella of any buildings which contain VAT in a damaged condition or which is otherwise scheduled for removal.

Editor: Joanne Brooks
Scott Garrity

Art and Layout: Carolyn Jagodzinski

Word Processing: Joyce Allen
Robin Monroe
Debbie Oliver

 **Maryland**
More than you can imagine.

Questions About State's Asbestos Program

Five regional seminars were held by the Plant Management Division of the Department of General Services during August and September of 1986. Ms. Joanne Brooks of the Asbestos Survey Unit informed attendees about the status of the Comprehensive Survey of State-owned Buildings for Asbestos and prepared a list of questions which she submitted to the appropriate Departments for their responses. The questions and answers were presented to the Departmental Coordinators by Mr. Mike Finnerin (Department of Personnel), Mr. Bob Jordan and Mr. Frank Whitehead (Department of Health and Mental Hygiene) and Ms. Joanne Brooks (Department of General Services). The most frequently asked questions and answers are provided below for your information.

QUESTION: What is the amount of asbestos material which can be removed by State employees? Is this amount per building per year, or per facility per year?

ANSWER: Guidelines for amount of material to be removed can be found in EPA manual. One hundred and sixty square feet (160) or two hundred sixty (260) linear feet may be removed *per building per year*. Amount is cumulative. Debris is to be calculated into above amounts.

QUESTION: Once I am informed of an imminent health hazard, what am I supposed to do?

ANSWER: Immediate action should be taken. Abatement recommendations are provided in the Special Reports. If DHMH doesn't concur with the recommendation, you will receive a report from a State industrial hygienist (IH). The abatement recommendations of the State IHs take precedence over those of the contractor. Notify the Asbestos Survey Unit of what action you have taken in writing.

QUESTION: Sometimes a Special Report recommends to restrict an area, thus affecting normal operations at my facility, such as a boiler room, or to restrict an area where there are employees who can't be relocated. Do I have any recourse other than to restrict the area?

ANSWER: Abatement is only other recourse. Areas must be restricted until abatement occurs. If agency has an alternative plan, contact Dr. Farrell's office at (301) 225-5753 and she will be happy to discuss alternatives with you.

QUESTION: Can Level II State employees be utilized to correct situations reported in Special Reports since this is strictly abatement work and not incidental to performing their normal duties?

ANSWER: Current Asbestos Health and Safety Program Policy permits the utiliza-

tion of Level II employees in dealing with asbestos-related activities conducted pursuant to a Special Report as long as the employees who volunteer for such non-incident work have been properly trained, participate in medical monitoring, wear protective equipment and apply appropriate work practices. Furthermore, such jobs must be approved by the Division of Environmental Disease Control, DHMH, before they are begun. (See page 14 of the *Asbestos Safety and Health Program Procedures Manual*).

QUESTION: Can I request a State IH to check an area after my Level II staff has performed an in-house abatement job to see if the job was satisfactorily performed and the area is safe?

ANSWER: Yes, you may request a State Industrial Hygienist to check to see that an in-house abatement job was satisfactorily performed. Requests will be accommodated when possible.

QUESTION: Do I have to fill out an Exhibit-B for Special Reports?

ANSWER: An Exhibit-B form must be completed for *all* abatement projects.

QUESTION: Under the new guidelines from DGS Plant Management, I'm supposed to determine if there is asbestos present before I initiate a project. If I haven't received my BCR, how do I know if asbestos is present?

ANSWER: You may call the Asbestos Unit to see if your BCR has been completed. If not, we can arrange to have an industrial hygienist come to your facility and check for the presence of asbestos.

QUESTION: How do I get funding for an asbestos abatement job if I don't have available funds?

ANSWER: Facilities should go through the proper channels when requesting funding for asbestos abatement projects. If, after checking their operating budget and parent organization, funds are not available, a request can then be made to the Asbestos Survey Unit for funding.

QUESTION: Where can I get a list of asbestos contractors licensed by the State?

ANSWER: A list of asbestos contractors licensed by the State of Maryland can be obtained by contacting the Air Management Division of the Department of Health and Mental Hygiene. The telephone number is (301) 225-5250.

QUESTION: Is it necessary to contract for the services of an IH firm to monitor the contractor's work?

ANSWER: Yes, an Industrial Hygiene firm should be contracted to monitor the abatement contractor's work.

QUESTION: Who do I contact if I'm unhappy with the performance of an as-

bestos contractor?

ANSWER: Contracts must be properly and carefully written. Complaints about an asbestos contractor's performance should be forwarded to Mr. Frank Whitehead, Air Management Division, DHMH.

QUESTION: Why doesn't the State consider having a team of Level II employees who are willing to work with asbestos be trained to handle all abatement jobs? It would save the State a lot of money!

ANSWER: The Asbestos Task Force did consider this option, but for several reasons elected to train all employees who had potential for exposure. The exact locations and conditions of potential asbestos hazards were not known at the time. The Level II population is also considered to be highly mobile. Transfers from agency to agency and facility to facility are common. In order to insure the fullest possible protection for employees, the decision was made to train all Level II employees.

An effort is currently underway to reduce the number of employees in Level II classifications who may be required to work with asbestos, based on experience gleaned over the last three years of the program. While this effort will still not produce a Statewide "Team" of asbestos workers, it will reduce both exposure and costs.

QUESTION: Who do I call if I want to have an area air-monitored because of employee concerns?

ANSWER: Requests should be directed to Mr. Ronald LeClair of MOSH (333-4135) or Mr. Bob Jordan of the Environmental Disease Control Division of DHMH (225-6277). Every attempt will be made to accommodate requests.

QUESTION: What do I do if one of my Level I employees thinks they've been exposed to asbestos and wants medical monitoring?

ANSWER: Contact Mike Finnerin, DOP, or Barbara Conrad, DHMH. Obtain all associated facts. Mr. Finnerin and/or Ms. Conrad will then visit facility to look at all information. Generally, if the individual is not a Level II employee, the State will not pay for medical monitoring.

Gather and document all pertinent facts including at least the following information: date, time, place and length of possible exposure; the conditions under which possible exposure occurred (type and activity; environmental conditions, including air sampling results, if available), the actions taken by the employee subsequent to possible exposure; the name, address and job title of the employee; and particu-

(Continued on Page 4)

DEPARTMENTAL UPDATES

OAG

Status Of Litigation

At a recent Departmental Coordinators' meeting, Ms. Janet LaBella, Office of the Attorney General (OAG), presented committee members an update on the status of the lawsuit. She explained that the litigation is still actively in the discovery phase.

The defendants have served the State with the second, third and fourth sets of interrogatories. The first set has already been answered by the State.

The second and third set of interrogatories primarily address when the State first knew asbestos was a hazard, who knew, and how the State dealt with the knowledge.

The OAG has put together a team of assistant attorneys general from other Divisions of the OAG to provide assistance in coordinating responses to the interrogatories. Answers to the interrogatories are due March 1, 1987.

The State is currently in the process of placing buildings "at issue." "Buildings at issue" are those buildings for which the State can identify the manufacturer and asbestos products that were installed.

The State is also having the McCrone Laboratory perform a very sophisticated lab analysis of asbestos samples to see if products can be identified by the formulae provided by the defendants.

The Building Completion Reports (BCRs) are incorporated in the Notice of Buildings at Issue. Ms. LaBella explained that more site visits are necessary to verify information contained in the BCRs. Additionally, available information about prior abatement jobs needs to be provided to Tracor Jitco and the OAG.

The State's asbestos case may be the largest case filed in Maryland. The case is very complex because of the number of defendants, massive number of documents and the number of buildings. The OAG appreciates the continued cooperation and support of State personnel.

DOT

Headquarters Building Abated

In 1959, Martin Marietta began construction of the Department of Transportation (DOT) Headquarters Building. Twenty-four years later, Mr. Bart Thomas, who is Director, Division of Operating Services, noticed an insulation material

sprayed on above the drop ceiling.

Realizing that asbestos was widely used as a building material when the building was constructed, Mr. Thomas arranged to have MOSH and DHMH test the suspected asbestos-containing material (ACM). Their inspection verified that the material contained asbestos. Under State guidelines, no maintenance personnel could disturb the material unless they had received medical monitoring and Level II training.

There is asbestos above every exterior window and sprayed on the exterior of the building for use as a thermal insulator. The structure was very vulnerable to the effects of Hurricane Gloria in 1984. The basement ceiling collapsed. It was necessary to restrict the area and award a \$100,000 emergency contract to remove the asbestos.

DOT then performed a survey of the entire building to determine the location and condition of all ACM. Most of the asbestos was present in an insulating material behind the duct work and above every outside window.

Once it was determined that it was necessary to remove the asbestos from the building, DOT planned for the removal in a way which would cause the least inconvenience to its employees. Employees were notified that asbestos was in the building and that it had been determined to be in a safe condition. As DOT made plans to remove the asbestos, employees were kept informed.

Funding was provided in DOT's budget and contract specifications to remove all the ACM in the ceiling material and behind the duct work were developed. After the specifications were approved by DHMH, they were put out for bid.

Eight vendors requested bid packages and three bids were received. The low bidder was BARCO, who bid \$300,000, an amount equivalent to one-third of the building's purchase cost.

The job is expected to take four months. Most of the time will be spent on setting up for the asbestos removal. Because a new vacuum system is being utilized, the job is two weeks ahead of schedule.

In addition to planning for the asbestos removal, DOT had to plan for the phased relocation of two hundred and fifty people. Portions of the floor being abated are sealed off by a three key system. Personnel who used to work in the area being abated are transferred to one of our trailers situated behind the building which are being utilized as relocation sites.

Each trailer holds as many as twenty-

five people at a time. The phone system enables calls to be forwarded to other phone numbers. Furniture is not moved to the trailers which are set up as offices. Employees take only the material from their desk tops they need to work with.

Mr. Michael E. Gaston, C.I.H., has been hired to perform air monitoring inside and outside the work area and on personnel at the job site. The certified industrial hygienist is also required to monitor the abatement contractor's work to ensure safe work procedures are utilized when performing the scope of work.

Two years have passed since asbestos was first detected in the Headquarters Building. In the long run there will be no asbestos in the building. Mr. Thomas, who spoke at the monthly Departmental Coordinators meeting on November 10, 1986, stressed the importance of retaining copies of all reports and of informing employees of what management is doing. Correct procedures should be followed in the documentation of the amount and type of ACM. An Exhibit-B should be submitted to DGS Asbestos Survey Unit 60 days in advance of any proposed project and contract specifications should be reviewed by DHMH.

In addition to the project at the Headquarters Building, DOT is removing asbestos in its other buildings when the material is detected.

DHMH

Medical Monitoring & Training Program

Ms. Barbara Conrad has recently assumed the position of Medical Monitoring and Training Manager for the Division of Environmental Disease Control. Ms. Conrad, who recently completed a Masters in Public Health program in Occupational Health at Johns Hopkins University, has a background in health administration and education as well as clinical experience. This past summer, she assisted in developing and teaching a "Right to Know" training program for several Eastern Shore school boards.

Ms. Conrad says she intends to make few changes in the initial training and medical surveillance program for Level II employees as the existing program has a good foundation and is well established. She does see a need, however, for increased implementation of safe work practices and improved communication within the program.

At this time, she anticipates many ad-

(Continued on Page 4)

Personnel Changes

Mr. Dan Lahart has been appointed Senior Industrial Hygienist of the Division of Environmental Disease Control, Department of Health and Mental Hygiene (DHMH). His responsibilities include management of the industrial hygiene section and overseeing the professional development of all DHMH industrial hygiene staff. Mr. LaHart was previously with the Division of Engineering and Maintenance, DHMH.

Mr. Robert Stephenson has assumed the contractual position in the School Asbestos Program. Mr. Paul Kirkpatrick, who formerly held that position, has moved into a permanent State position in the Lead Poisoning Prevention Program. Mr. Robertson will be performing enforcement inspections under the Federal Asbestos in School Law.

Ms. Barbara Conrad has joined the State Employees Safety and Health Program as Medical Monitoring and Training Manager. She assures that Level II employees receive medical monitoring and training necessary for safe work practices with asbestos.

Ms. Katherine Wilhelm joins the State Employees' Asbestos Safety and Health Program as an Administrative Specialist. In addition to her other administrative duties, Kathy will coordinate office procedures, information flow, and scheduling for Training of Medical Monitoring. She can be reached at (301) 225-6277.

Ms. Mary Lucasse has joined the Office of the Attorney General as a new staff attorney who will be working on the asbestos litigation. Ms. Lucasse is a recent 1986 graduate of the University of Maryland Law School.



Departmental Safety and Health Coordinators attend monthly meetings to keep informed of the status of the survey and the litigation. These individuals play a key role by coordinating information flow to their respective facilities.

At the January 12, 1987 meeting, Ms. Barbara Conrad, Medical Monitoring and Training Manager, and two members of her staff, Mr. Bob Jordan, IH (left) and Mr. James Bynum, IH (right) spoke about the status of the program. For information about the Medical Monitoring and Training Program, call Ms. Conrad at 225-5769; for scheduling of Level II employees, call Ms. Sharon Manger, 225-6277; for information about work practices, call Mr. Jordan at 225-6278; for equipment and clarification of MOSH standards, call Mr. Ronald LeClaire, 333-4135; and for information about policy, call Mr. Mike Finnerin, 225-4718.



State's Asbestos Program

(Continued from Page 3)

lars on other employees who may have also been exposed or who witnessed exposure.

Notify the Agency Asbestos Coordinator.

Provide the information to Ms. Barbara Conrad, Division of Environmental Disease Control and/or the Asbestos Coordinator for the Department of Personnel.

Each case will be investigated. Generally, only employees who are in Level II positions are authorized to participate in the Asbestos Safety and Health Program medical monitoring procedure, but each case will be evaluated on its own merits. (See Section 4A(5) of Executive Order 01.01.1983.09 and pages 21 and 22 of the *Asbestos Safety and Health Program Procedures Manual*, [ASHPP Manual]).

QUESTION: Why doesn't the State perform medical monitoring to see if a person can wear a respirator before they have Level II training where people practice using a respirator?

ANSWER: During Level II training, a respirator is worn under supervision. Relatively few individuals are not approved for respirator use by the evaluating physicians.

QUESTION: Who is responsible for maintenance of equipment and how often should equipment be inspected?

ANSWER: The Agency Safety and Health Specialist is responsible for the maintenance of protective equipment. Protective equipment shall be inspected immediately prior to and after each use. (See pages 18, 23, 24, 35, 36, 68 and 69 of the ASHPP Manual).

DEPARTMENTAL UPDATES (Continued from Page 3)

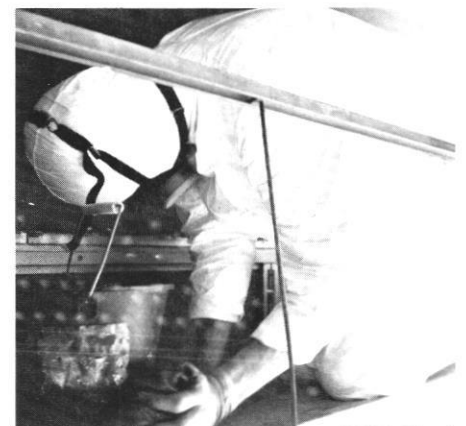
ministrative changes necessitated by the new Occupational Safety and Health Administration standard which is under review for adoption by the Maryland Occupational Safety and Health Administration (MOSH) and will probably be adopted in January of 1987.

Some anticipated changes that will be more visible to State employees are that air sampling will be performed on Level II asbestos projects in process at several sites to better define current exposure ranges and identify if any changes are necessary in work practices. Also, the medical monitoring services at Wyman Park Occupational Health Center will use a new questionnaire required by the standard.

When the new standard is established, the Policy and Procedures Manual will be updated and made available to Departmental Coordinators and Agency Specialists.

Safety and Health Specialist Training will resume after the MOSH standard changes have been made. Ms. Conrad said that, in addition to Mr. Bob Jordan, industrial hygiene consultant, the program will acquire another industrial hygienist and an administrative specialist.

Ms. Conrad can be reached by telephone at 225-6277 and by mail at DHMH, DEDC Room 214, 201 West Preston Street, Baltimore, Maryland 21201.



The \$300,000 abatement job at DOT Headquarters Building is two weeks ahead of schedule because of the use of a new vacuum system by the contractor. In the photo above, the contractor is using the vacuum when removing ACM from the exterior walls of the building.

John Ingalls

GEORGE F. NEIMEYER
DIRECTOR
992-2400



- Bureau of Engineering
William E. Riley, Chief
- Bureau of Environmental Services
James M. Irvin, Chief
- Bureau of Facilities
John Zitnyar, Chief
- Bureau of Highways
Granville W. Wehland, Chief
- Bureau of Inspections, Licenses, and Permits
M. Robert Gemmill, Chief
- Bureau of Utilities
Robert M. Beringer, Chief

Deaf TDD Number 992-2323

DEPARTMENT of PUBLIC WORKS of HOWARD COUNTY
3430 COURT HOUSE DRIVE, ELLICOTT CITY, MARYLAND 21043

October 10, 1986

Columbia Residential Management, Inc.
P.O. Box 816
Columbia, Maryland 21044

Attention: Mr. Tom Garver, Vice President

SUBJECT: Asbestos Analysis
Abbott House - 4595 Cedar Lane
Columbia, Maryland 21044

Dear Mr. Garver:

Within the next two weeks you will receive an asbestos analysis report from the Howard County Health Department, Bureau of Environmental Health, of their findings from random samplings taken from apartments and public areas of Abbott House.

Take corrective measures that they recommend within their specified time frame--Howard County Housing Code, Sections 41.02, 42.01, and 42.01(L).

Also enclosed is a list of Housing Code Violations found to exist at Abbott House during our annual rental license renewal inspection conducted on Thursday, October 9, 1986.

Your rental license will be held in obedience until compliance.

Sincerely,

Clyde S. Shippe, Housing Inspector
Inspections and Enforcement Division
(301) 792-2607

CSS/bkh

cc: Rita Benton, Abbott House Resident Manager
File (3)

CERTIFIED MAIL - 978 799
RETURN RECEIPT REQUESTED

HOUSING CODE VIOLATIONS

Abbott House - 4595 Cedar Lane

October 9, 1986

1. Remove mattress and box springs from first floor storage room
isle - Howard County Housing Code (HCHC) Section 35.01.
2. First floor rear exit sign light is out. Repair by October
10, 1986 - HCHC, Section 35.01.
3. Emergency generator is not working. Repair by October 10,
1986 - HCHC, Section 35.01.
4. First floor enunciator panel, Number 1, is missing. Replace
number by October 10, 1986 - HCHC, Section 35.01. (Larger
numbers are recommended)
5. Hot water heater room has breaks in wall and missing access
panel cover - HCHC, Section 42.02(b). Repair by October 15, 1986.
6. Sixth floor stand pipe valve handle is missing. Replace by
October 10, 1986 - HCHC, Section 35.01.
7. Third floor trash chute door is in disrepair. Repair or replace
by October 20, 1986 - HCHC, Section 34.01(g) and 35.01.
8. Relocate apartment fire extinguishers from closets to living room or
kitchen wall for accessibility when needed - HCHC, Section 35.01.
Relocate by October 25, 1986.
9. Apartment No. 801 has ceiling/wall water damage. Repair by
October 25, 1986 - HCHC, Section 42.02(f).
10. Apartment No. 509 has water marks/ceiling wall in rear bedroom.
Repair by October 25, 1986 - HCHC, Section 42.02(f).
11. Apartment No. 509's bathroom ventilation system is not working.
Repair by October 25, 1986 - HCHC, Section 31.03(c).
12. Ten percent of the units have roach infestation due to tenants
poor housekeeping. Continue with roach extermination program -
HCHC 42.02.A.5.
13. Certification in writing will be required for our files that the fire
suppression/sprinkler system, emergency generator, fire alarm pull
stations, and all smoke detectors are working properly - Howard
County Code, Section 35.01.

(ATTACHED IS A FIRE/SAFETY FORM CHECK OFF SHEET)

- () That all fire extinguishers are the proper size, type, tagged and updated (Howard County Housing Code, Section 35.01 and NFPA 10, Section 4-4.1).
- () That all pull stations are working properly and that fire instructional signs are visible (Howard County Housing Code, Section 35.01).
- () That all sprinkler systems are functioning properly (Howard County Housing Code, Section 35.01 and NFPA 13, Section 1-5.0).
- () That all smoke detectors are functioning properly (Howard County Housing Code, Section 17.113[G] and The Annotated Code of Maryland, Article 38A, Section 12A).
- () That all emergency lights are functioning properly (Howard County Housing Code, Section 35.01).

1/9/87

Abbott House - Tom Garver

- 1) Insul-Temp-Airco - bid \$3-4 sq/ft
- 2) Crocker Asbestos
- 3) Colt Insulation

\$250,000 - 320,000

HUD and Columbia Management