

UNITED STATES POSTAL SERVICE
WESTCHESTER DISTRICT

ASBESTOS AND LEAD-BASED PAINT HAZARD CONTROL PROGRAM
FIELD SURVEY REPORT

FACILITY

MID-HUDSON GMF
97 ENTERPRISE DRIVE
NEWBURGH, NY 12555

Finance Number: 355306
Sublocation Number: G02

PREPARED BY

GEA ENGINEERING, P.C.
365 ROUTE 304
BARDONIA, NY 10954

USPS Contract Number: 334295-94-J-0139
USPS Work Order Number: 36

SURVEY
CONDUCTED BY:


LEE H. ST. LAURENT

DATE: 8-7-97

REPORT
REVIEWED BY:


LIAM O. HORGAN, CIH

DATE: 8/8/97

APPROVED BY:


STEVEN M. GAMELSKY, PE

DATE: 8/27/97



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SECTION I: SUMMARY & HAZARD ASSESSMENT

INTRODUCTION

This survey has been performed at the request of the US Postal Service, Westchester District, Environmental Compliance Coordinator, Mr. C.L. Luft. The survey was done with assistance of the Maintenance Manager, Mr. Phil Cerniglia.

The Field Survey was requested to identify, locate and quantify visible, accessible friable and non-friable Asbestos Containing Building Material (ACBM) and Lead-Based Paint (LBP) throughout the facility; assess hazard potential; recommend and estimate the cost of abatement; update USPS Friable Asbestos and Lead Paint Survey Record. The Field Survey Report is intended to inform Postal Service employees of the presence of ACBM and LBP, to provide guidance for the operation and maintenance of the facility and to make recommendations regarding the removal of ACBM and LBP.

SUMMARY

The General Mail Facility (GMF) and the Postal Employee Development Center (PEDC) are located in a double height, single story building which has no basement. The building was constructed in 1990 and contains 230,000 ft² of floor space. The load bearing walls are made from concrete blocks with brick and decorative blocks on the exterior. The exterior doors and window frames are made from anodized aluminum. The roof is supported by steel trusses which are on columns.

The interior walls are made with aluminum studs and wallboard. A suspended ceiling has been installed in the Customer Service and Office areas.

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**SUMMARY
(Cont.)**

The Work Room and utility area ceilings are open to the roof deck.

The Work Room floor is covered with 12"X18" asphaltic tiles which were determined by testing to contain trace amounts of asbestos, 0.8%, and are not classified as ACBM. The Loading Dock vestibule floor is also covered with 12"X18" asphaltic tiles. These were installed in 1994 when the platform slab was repaired.

The Office area hallways have 12"X12" vinyl tile floor coverings which were installed in 1994 to replace carpeting. The Office floors are covered with carpet laid over the concrete slab. The Swing Room, the Restrooms and the Customer Service Lobby have ceramic tile floors.

All accessible areas within the building were visually examined for the presence of ACBM or LBP. The facility was constructed to specifications which prohibited the use of these materials and no suspect materials, other than the Work Room floor tiles, were found during the visual inspection.

The piping and ventilation ducts are either bare or are insulated with fiberglass.

The roof is covered with a painted membrane system which was placed over insulation batts during construction.

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SAMPLED MATERIALS NOT CONTAINING ASBESTOS

Sample Location

Material

Work Room Floor

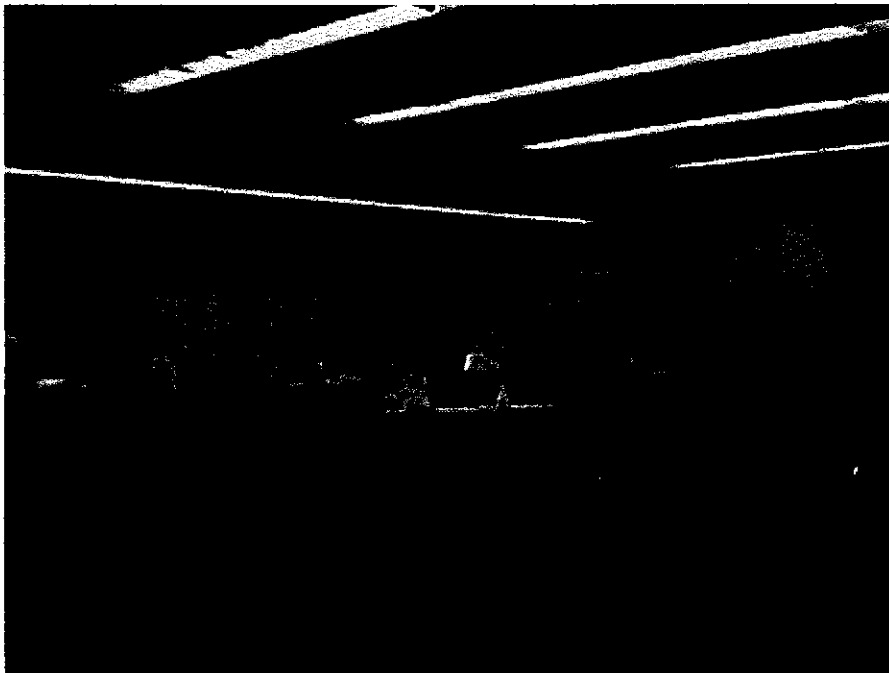
12"X18" Asphaltic Tile

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SECTION II: PHOTOGRAPHIC RECORD



GENERAL MAIL FACILITY-NEWBURGH, NY 12555



CUSTOMER SERVICE LOBBY

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PHOTOGRAPHIC RECORD
(Cont.)



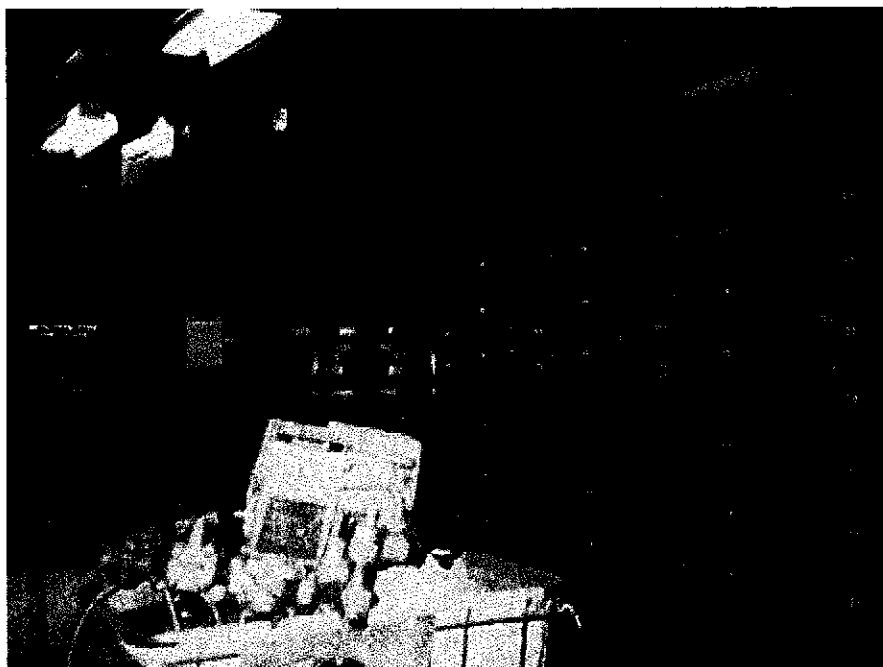
SWING ROOM

TYPICAL FURNACE ROOM

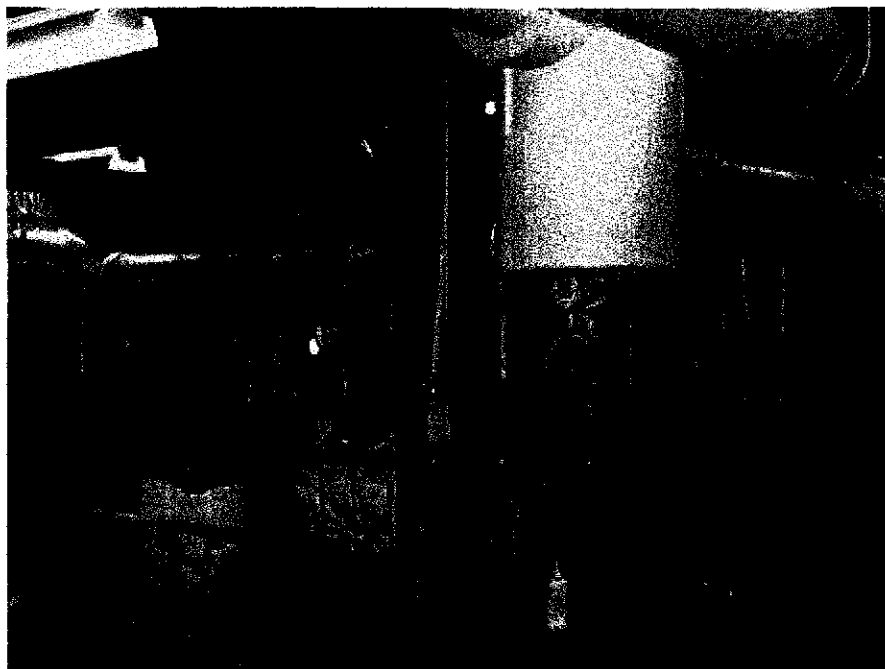


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**PHOTOGRAPHIC RECORD
(Cont.)**



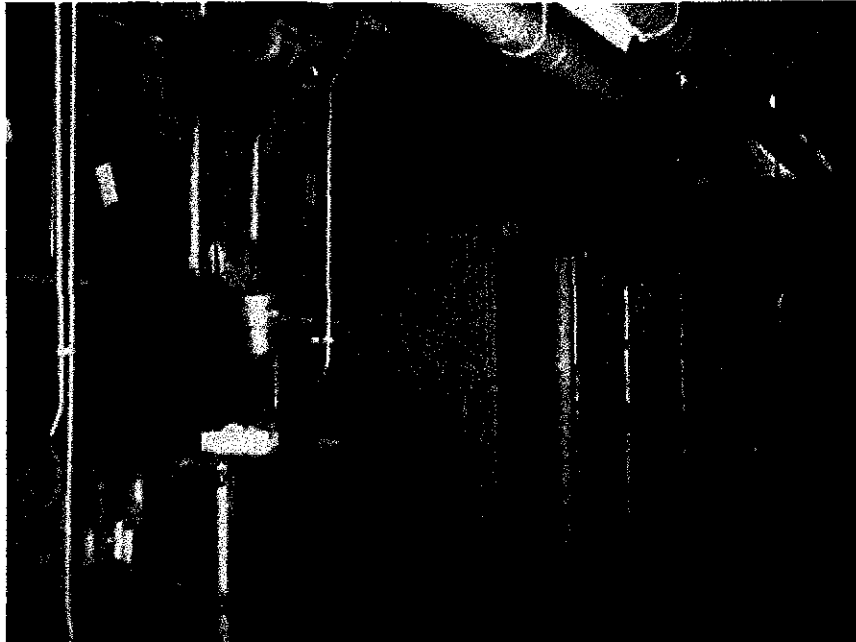
TYPICAL ELECTRICAL SUBSTATION



TYPICAL CHILLER ROOM

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**PHOTOGRAPHIC RECORD
(Cont.)**



TYPICAL AIR HANDLER ROOM



WORK ROOM LOOKING NORTH & WEST

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**PHOTOGRAPHIC RECORD
(Cont.)**



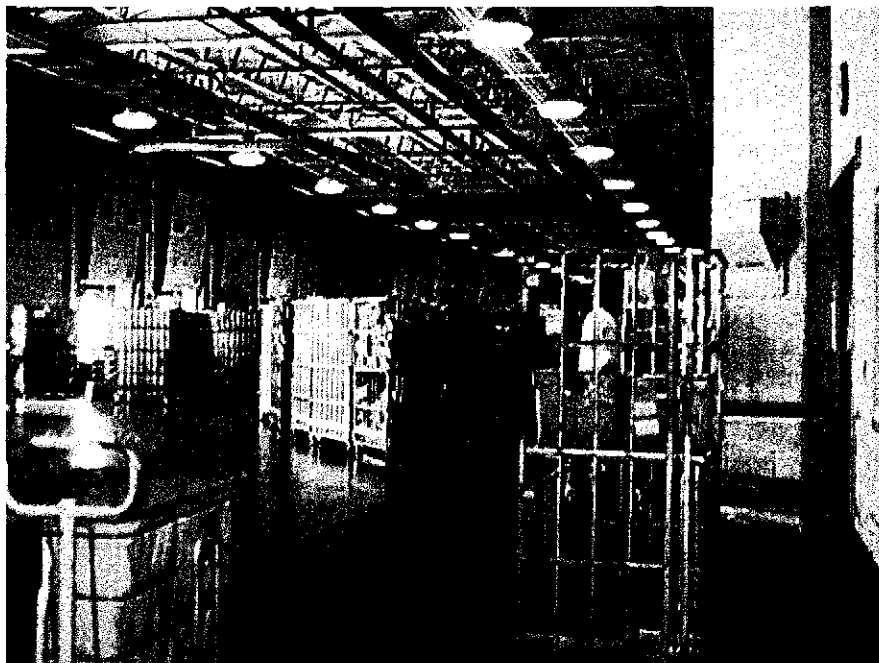
WORK ROOM VIEW FROM COLUMN E6



WORK ROOM LOOKING EAST FROM COLUMN E4

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**PHOTOGRAPHIC RECORD
(Cont.)**



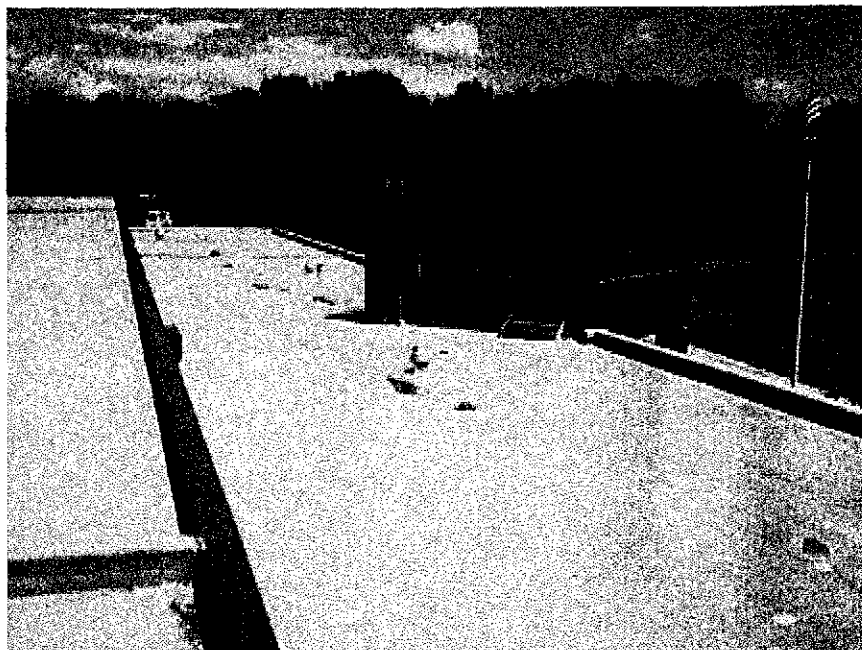
LOADING DOCK VESTIBULE



LOADING DOCK

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**PHOTOGRAPHIC RECORD
(Cont.)**



ROOF OVER CUSTOMER SERVICE AREA



WORK ROOM ROOF LOOKING SOUTH

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SECTION III: DATA SUMMARY & LABORATORY RESULTS

ASBESTOS BULK SAMPLE DATA SUMMARY

SAMPLE NUMBER	LOCATION	MATERIAL	PERCENT ASBESTOS
GMF-01	Work Room Floor @ Lobby	12"X18" Asphaltic Tile	<0.3
GMF-02	Work Room Floor @ B3	12"X18" Asphaltic Tile	0.8
GMF-03	Work Room Floor @ C8	12"X18" Asphaltic Tile	<0.3

NOTE: ACBM contains > 1.0 asbestos

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FACILITY SURVEY AND ASSESSMENT METHODOLOGY

The survey and inspection of the Mid-Hudson GMF and PEDC was conducted by Lee H. St. Laurent, Industrial Hygienist, GEA Engineering, P.C. on July 10, 1997.

GEA Engineering, PC is a NYS licensed Asbestos Handling Contractor, AC-96-0566. Mr. St. Laurent holds a NYS Asbestos Handling Certificate, AH-93-08835, with endorsements for Asbestos Contractor Supervisor, AHERA Inspector, Project Monitor and Air Sampling Technician.

A review of available site information was conducted before the start of the survey to identify those building components that could potentially contain asbestos or lead-based paint. All accessible areas of the building and grounds were subjected to a visual inspection to identify and quantify these materials.

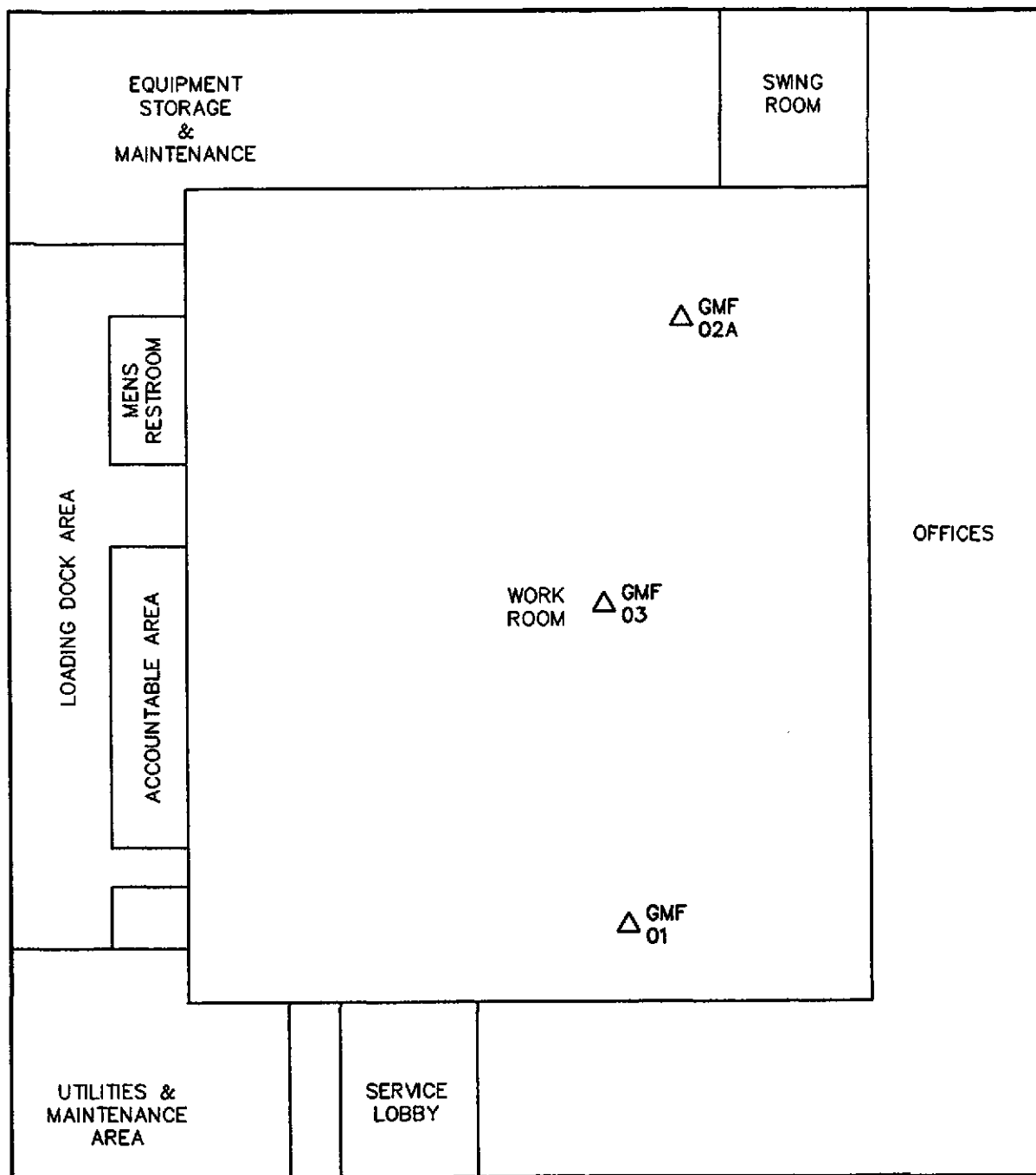
The asbestos related inspection was conducted as recommended by EPA Publication 560/5-85-024, Guidance for Controlling Asbestos-Containing Materials in Buildings and EPA Publication 20T-2003, Managing Asbestos in Place.

N



△ ASBESTOS SAMPLE
NEGATIVE

▲ ASBESTOS SAMPLE
POSITIVE



C:\DWG14\98117\36\12555-01.DWG XREF: NONE

**THE GEA GROUP**

• GEA ENGINEERING P.C. 365 ROUTE 304
BARDONIA, N.Y.
10954
• GEA ENVIRONMENTAL
CONSULTANTS, INC. (914)627-0727

DATE 08/04/97

DWN J.L.

APP SMG

REV

SAMPLE LOCATION PLAN
ASBESTOS AND LEAD-BASED PAINT
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FIGURE

1

PROJECT NO.
969117.36

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LABORATORY ANALYTICAL METHODS

Samples collected during this survey were analyzed for asbestos concentrations by:

Eastern Analytical Services, Inc.
4 Westchester Plaza
Elmsford, NY 10523-1610

ASBESTOS SAMPLE ANALYSIS

Friable bulk samples are analyzed for asbestos content by Polarized-Light Microscopy (PLM) and dispersion staining Method Reference: 4.0 CRF Part 763, Volume 47, EPA-600/M4-82-020.

Non-friable organically bound (NOB), materials are required by the New York State Department of Health to be analyzed via Transmission Electron Microscopy (TEM) according to ELAP NYSDOH Item 198.4. TEM analysis provides positive confirmation that material can be considered as non-asbestos containing according to NYSDOH requirements of August 3, 1992.

The composition of the bulk sample is reported by layers in percentages of asbestos (i.e., chrysotile, amosite, crocidolite, or other) and non-asbestos (i.e., cellulose, fiberglass, synthetic, or other) components.

The EAS asbestos analytical laboratory is accredited by:

- New York State Department of Health - Lab #10851
- American Industrial Hygiene Association - Lab #418.
- National Voluntary Laboratory Accreditation Program - NVLAP #1646.

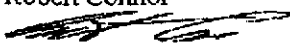


Eastern Analytical Services, Inc.

Page 1 of 1

Bulk Sample Results

RE: CPN 96117.36 - USPS Super 65 - Mid Hudson GMF

Date Collected : 07/10/97
 Collected By : St. Laurent
 Date Received : 07/14/97
 Date Analyzed : 07/17/97
 Analyzed By : Robert Connor
 Signature : 
 Analytical Method : NYS-DOH 198.4
 NVLAP Lab No. 101646-0
 NYS Lab No. 10851

Client GEA Environmental Consultants, Inc.
 365 Route 304
 Bardonia, NY 10954

Sample ID Number		GMF-01	GMF-02	GMF-03
Layer Number				
Lab ID Number		733402	733403	733404
Sample Location		Work Room Floor @ Lobby	Work Room Floor @ B3	Work Room Floor @ C8
Sample Description		12 x 18 Asphaltic Tile	12 x 18 Asphaltic Tile	12 x 18 Asphaltic Tile
Analytical Method		Tem	Tem	Tem
Appearance	Layered	Yes	Yes	No
	Homogenous	No	No	Yes
	Fibrous	No	No	No
	Color	Black	Black/Gray	Tan/Black
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	< 0.3	0.8	< 0.3
	% Other	0.0	0.0	0.0
	% Total Asbestos	< 0.3	0.8	< 0.3
Other Materials Present	% Organic	33.9	7.5	35.5
	% Carbonates	32.8	13.4	33.7
	% Other Inorganic	33.3	78.3	30.8

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

AIRMA Accreditation No. 418 Rhode Island DOH No. AAL-07273 Massachusetts DOL No. A.A.000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

For Laboratory Use Only

Date Collected: 7-10-97
Collected By: S. Howard
Date Received: _____
Date Analyzed: _____
Analyzed By: _____
Signature: _____

EAS Client: GEA ENGINEERING
Address: _____

Client Project Number/Name
RE: Scipos 65
cells P.S.

Batch Number: _____
Account Number: _____
Project Number: _____
Analyte: _____
Analytical Method: _____
F1: _____
F2: _____
F3: _____
Data Entry: _____ Review: _____

N. D. Hudson G.M.F.

ANALYSIS

Sample Number	Sample Location	Sample Description	
GME01	Work Room Floor @ lobby	12X18 Asphaltic Tile	TEM
GME-02	Work Room Floor @ B3	↓	↓
GME-03	Work Room Floor @ C8	↓	↓

Comments: STD. TURN AROUND TIMES

JUL 14 97 11:23

Eastern Analytical Services, Inc.
Chain of Custody Form

EAS Client: GEA Environmental Consultants, Inc.
365 Route 304
Bardonia, NY 10954

Batch No. 9704784
Turn-Around: 3-5 Day
Shipped Via: US Mail
State of Origin: US
Sample Disposition: Standard x
Return

Analyte: Grav Tem

No. of Samples 3
Received:

No. of Samples 3
Analyzed:

Client Project RE: CPN 96117.36 - USPS Super 65 - Mid Hudson GMF
Number/Name:



Lab ID Numbers 733402-733404

Collected By: St. Laurent

Signature

Date: 07/10/97

Received By: Jane Elizabeth Caruso
Paul Stascavage

Date: 07/14/97 Time: 1123

Logged In By: Marita Prado



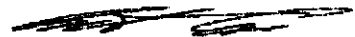
Date: 07/15/97

Prepped By: Eleonora Skulskaya



Date: 07/17/97

Analyzed By: Robert Connor



Date: 07/17/97 Time: 2058

Re-Analyzed By:

Date:

Checked By: Paul Stascavage



Date: 07/18/97

Faxed By:

Date: Time:

Logged Out By:

Date: