

**Adirondack Regional Business Incubator Site
36 Elm Street
City of Glens Falls, New York**

Environmental Restoration Project

Appendix A - O

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ENVIRONMENTAL QUALITY

Site Investigation Report

**New York State Assistance Contract No. C303163
ERP Project No. E557019**

May 2008

Prepared For:

Greater Glens Falls Local Development Corporation
42 Ridge Street
Glens Falls, New York 12801

Attn: Mr. Thomas Donohue
Tel: (518) 761-3883



Engineers • Environmental Scientists • Planners • Landscape Architects

**2 Corporate Plaza
264 Washington Avenue Extension
Albany, New York 12203**

Adirondack Regional Business Incubator Site
36 Elm Street
City of Glens Falls

Environmental Restoration Project

Appendix A – O

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Glens Falls, New York 12801

Attn: Mr. Thomas Donohue
Tel: (518) 761-3883

Prepared By:

Barton & Loguidice, P.C.
Engineers, Environmental Scientists, Planners, Landscape Architects
2 Corporate Plaza
264 Washington Avenue Extension
Albany, New York 12203

Attn: Mr. Stephen Le Fevre, P.G.
Tel: (518) 218-1801

Appendix H

**Asbestos Survey and Lead-Based Paint Characterization
(Barton & Loguidice, P.C.)**

**Warren County Economic
Development Corporation
Glens Falls, NY**

**Asbestos Survey and
Lead-Based Paint
Characterization**

of

**36 Elm Street
Glens Falls, New York**

June 2006

Barton
&**L**oguidice, P.C.

Engineers • Environmental Scientists • Planners • Landscape Designers

**290 Elwood Davis Road
Box 3107
Syracuse, New York 13220**

#81

Asbestos Survey and
Lead-Based Paint
Characterization

of

36 Elm Street
Glens Falls, New York

May 2006

Prepared For:

Warren County Economic Development Corporation
234 Glen Street
Glens Falls, New York 12801

Prepared By:

Barton & Loguidice, P.C.
290 Elwood Davis Road
Box 3107
Syracuse, New York 13220

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Appendix B – Asbestos Sample Laboratory Results
Appendix C – Lead-based Paint Sample Results

Executive Summary

Barton & Loguidice, P.C. (B&L) was retained by the Warren County Economic Development Corporation, to conduct a pre-renovation asbestos and lead-based paint survey of 36 Elm Street in Glens Falls, New York. The purpose of the survey was to identify and quantify suspect asbestos containing materials (ACMs) and characterize the major painted components prior to the anticipated renovation of the structure. The survey also included an inventory of potential PCB containing fluorescent light ballasts. The inspection was conducted on May 10, 2006. This report represents the conditions of the property at the time of the survey.

Materials suspected of potentially containing asbestos were sampled by B&L's New York State Certified Asbestos Inspectors or assumed ACM due to previous positive sampling results. These materials included plaster, sheetrock, window glazing compound, floor tile, wall coatings, pipe insulation, and roofing materials.

The following materials were determined to be ACM:

<u>Material Code</u>	<u>Description</u>	<u>Quantity</u>
FLVCT-6	Floor tile debris	20 SF
GLAZE-AAA	Window Glazing	120 SF
PI-AAA	Pipe Insulation	300 LF
PI-AAA	Pipe Insulation Debris	400 SF
BUR-AAA	Built-up Roofing under existing Rubber Roof Membrane	5,600 SF

The other materials sampled were found to contain no asbestos or less than one percent (<1%) and are therefore categorized as non-ACM.

Refer to table 1 – "Asbestos Sample Results" for a listing of the location, condition, and quantity of ACM in the building.

1.0 Introduction

Barton & Loguidice (B&L) was retained by Warren Co. Economic Development Corp. to conduct a pre-renovation asbestos survey, lead-based paint characterization, and PCB ballast inventory for the structure located at the 36 Elm Street, Glens Falls, New York.

The survey was conducted by David Morse and Mike Goff with B&L on May 10, 2006. Mr. Morse and Mr. Goff are New York State Department of Labor (DOL) certified asbestos inspectors. Mr. Morse is also an EPA-certified lead-based paint risk assessor. Copies of their certifications and B&L's company licenses are provided in appendix A.

2.0 Survey Methods

The asbestos survey included an inventory of suspect asbestos containing materials (ACM) located throughout the building. Following the inventory, the suspect asbestos containing materials were bulk sampled and submitted for laboratory analysis. Asbestos bulk samples collected at the building were analyzed by AmeriSci New York (AmeriSci), 117 East 30th Street, New York, New York. AmeriSci is accredited by NIST under the National Voluntary Laboratory Accreditation Program (NVLAP) for Polarized Light Microscopy (PLM) analysis of bulk samples (Accreditation Number 200546-0). AmeriSci is also accredited by the New York State Department of Health under the Environmental Laboratory Approval Program (ELAP, Accreditation No. 11480).

Samples were analyzed by polarized light microscopy (PLM) in accordance with the NYSDOH *Polarized Light Microscopy Method for Identifying and Quantifying Asbestos in Bulk Samples* (ELAP Method 198.1). Samples were analyzed sequentially until positive for asbestos, or until each sample in the set was analyzed. A material was classified as non-asbestos containing only if each sample in the set was determined to be less than one percent by weight (<1%).

Non-friable organically bound (NOB) materials, such as floor tiles, mastic, and roofing materials, that were found to be less than one percent by PLM, were also analyzed using the NYSDOH *Transmission Electron Microscopy (TEM) Method for Identifying and Quantifying Asbestos in Non-Friable Organically Bound Bulk Samples* (ELAP Method 198.4). If TEM confirmed that the asbestos content was <1%, the material was considered non-asbestos containing. Copies of the asbestos sample laboratory results are included in appendix B. B&L did obtain copies of pre-existing asbestos survey data for the building and this information was incorporated into this report. If a material was found to containing greater than one percent asbestos in the previous sampling, it was assumed ACM for the purposes of this survey.

The lead-based paint characterization was initiated by first reviewing the major painted components (walls, ceilings, structural steel, etc.) identified that would be impacted during the proposed renovation. Bulk paint chip sampling was then performed on these painted components. The bulk chip laboratory analysis shows a result of lead in the sample as a percentage by weight. The Occupational Safety and Health Administration (OSHA) Construction Standard for Lead (29 CFR 1926.62) regulates paint if any detectable level of lead is determined to be present. B&L collected 9 paint chip samples on representative components both inside and outside the building. All paint chip samples were submitted to the laboratory and analyzed using the atomic absorption spectrometry (AAS) method. The lead-based paint samples were analyzed by AMA Analytical Services, Inc. located in Lanham, Maryland. Copies of the lead-based paint sample laboratory results are included in appendix C.

3.0 Results and Discussion

During the survey, B&L referenced previous sampling reports and added previously identified ACM to material inventory. These materials are designated in the table below with an AAA designation after the material designation. This signifies that the materials were assumed ACM and not re-sampled by B&L.

3.1 Asbestos Sampling Results

The survey included the collection of six triplicate sets of friable material samples and one NOB sample. Asbestos material sample numbers, material descriptions, sample results, condition, locations, and estimated quantities are summarized in the table below.

Table 1 – Asbestos Sample Results

Sample No.	Material Description	Estimated Quantity	Lab Results (% Asbestos)	Condition/ friability	Material Location
WIRE-1-1,2,3	Braided cloth wire covering – black & grey	NA	NAD	NA	Throughout
WLPL-2-1,2,3	Single coat plaster over concrete walls	NA	NAD	NA	Throughout
WLPL-3-1,2,3	Single coat plaster over expanded metal lath	NA	NAD	NA	Second & Third Floors
WLTX-4-1,2,3	Textured coating over sheetrock walls	NA	Trace	NA	Second floor offices
WLSH-5-1,2,3	Wall and ceiling sheetrock	NA	NAD	NA	Throughout
FLVCT-6-1	12"x 12" floor tile – grey with green streaks	20 SF	4.4% Chrysotile	Poor/ Non-friable	Third floor - tiles stored in boxes
BRICK-7-1,2,3	Fire brick debris-beige	NA	NAD	NA	Basement - near old boiler
GLAZE-AAA	Window glazing compound – white/grey	120 SF	ACM in previous sampling	Poor/ Friable	Through-out

Sample No.	Material Description	Estimated Quantity	Lab Results (% Asbestos)	Condition/ friability	Material Location
PI-AAA	Pipe insulation – aircell and woolfelt types	300 LF	ACM in previous sampling	Damaged/ Friable	Through-out
PI-AAA	Pipe insulation debris	400 SF	ACM in previous sampling	Damaged/ Friable	Basement
BUR-AAA	Built-up roofing	5,600 SF	ACM in previous sampling	Poor/ Non-friable	Roof – multiple layers under rubber roof
FLVCT-NNN	9”x 9” red and black floor tile and mastic	NA	Non-ACM in the previous survey	NA	Second floor offices

NAD – No asbestos detected

Trace: < 1% asbestos (non-ACM)

NA – not applicable

Sample locations and asbestos containing materials are shown on the enclosed figures AS-1, AS-2, and AS-3.

The asbestos containing materials in the building include floor tile, window glazing, pipe insulation, pipe insulation debris and built-up roofing. The ACM floor tile consisted of a stack of tiles stored in a box on the third floor level. The ACM window glazing was found on all the floor levels in the building. ACM pipe insulation is located predominantly on the third, second and basement floor levels. The majority of the pipe insulation debris is located in the basement. This debris is intermixed with scrap wood, cardboard boxes, and other trash items. The debris in the basement should all be considered ACM contaminated and disposed of appropriately. The entire basement floor area should be cleaned in accordance with NYS Industrial Code Rule 56 due to ACM debris contamination in the area. Any work in the building that will impact asbestos containing materials must be accomplished by a New York State licensed abatement contractor and the work must be done in accordance with all applicable Federal, State, and local regulations.

3.2 Lead-Based Paint Sampling Results

The lead-based paint characterization included the collection of seven (7) paint chip samples and was intended to screen the major painted surfaces in the building. Several of the painted components in the building were sampled during a previous survey of the building. These previously collected samples and results are included in the table below. The lead-based paint laboratory reports are included in appendix C and the paint sample results are summarized in the table below.

Table 2 – Lead-Based Paint Sample Results

Sample No.	Painted Component	Component Substrate	Component Color	Paint Condition	Result (% Pb)
PAINT-1	Exterior walls	Concrete	White	Peeling	0.051
PAINT-2	Exterior doors	Wood	White	Peeling	1.8
PAINT-3	Interior walls	Plaster	Light yellow	Peeling	0.33
PAINT-4	Interior walls	Plaster	Pink	Peeling	0.038
PAINT-5	Interior walls	Plaster	Blue	Peeling	0.051
PAINT-6	Interior walls	Plaster	Dark yellow	Peeling	2.1
PAINT-7	Structural support column	Steel	Multi-color	Peeling	1.2
36Pb-01*	Interior wall	Plaster	Light green	Peeling	0.16
36Pb-02*	Interior wall	Plaster	Dark green	Peeling	0.68
36Pb-03*	Ceiling	Tin	Light green	Peeling	0.31

*- sampled in previous survey

In the table above, each sample collected has been listed along with the location, component, substrate, color, condition, and laboratory result. Of the samples collected, all have some concentration of lead and are, therefore, considered lead-containing paint according to OSHA. Contractors disturbing lead-based paint must comply with OSHA's - Lead in Construction Standard - 29 CFR 1926.62. Contractors must also comply with lead-based paint collection and disposal as required by the New York State DEC.

4.0 PCB Ballast Inventory

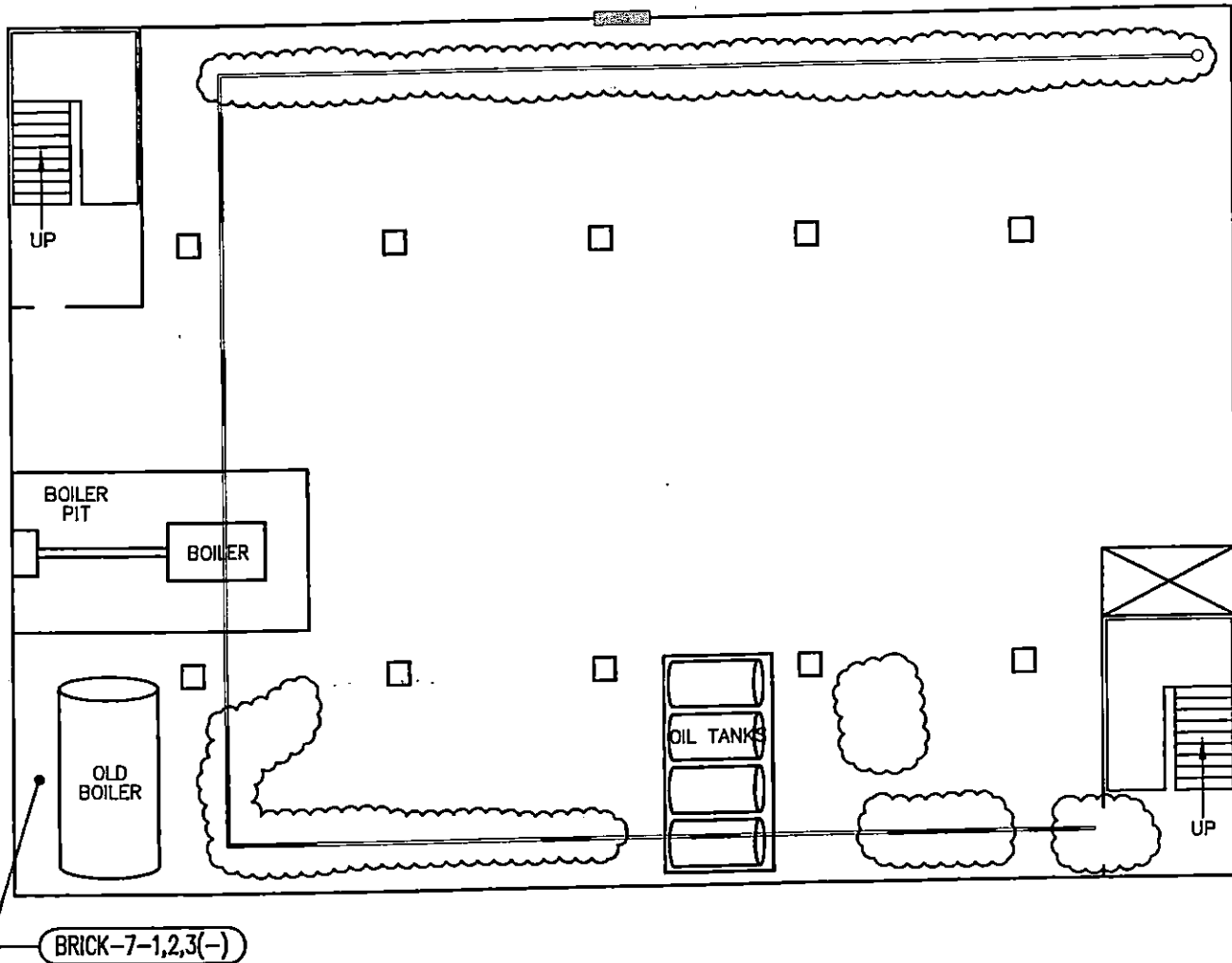
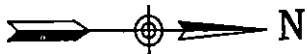
B&L personnel conducted a review of the fluorescent light fixtures in the building for potential PCB containing ballasts. The ballasts encountered in the facility were not labeled "non-PCB" as is typically done with new light fixtures, therefore, all ballasts were assumed PCB and inventoried. The building was found to contain approximately 120 PCB light ballasts on the first, second, and third floors.

5.0 Conclusions

Based on the results of the Building Demolition Asbestos Survey, the following conclusions are made:

- 1 Asbestos containing pipe insulation was identified in the basement, second floor, and third floor of the building. ACM pipe insulation debris was also found in the building, predominately in the basement. The debris is intermixed with various types of refuse and is distributed on the floor and over soil in the area. For the purposes of future asbestos abatement, the entire basement floor should be considered contaminated with ACM debris and should be cleaning in accordance with all applicable regulations.
- 2 Asbestos containing window glazing was identified on the first, second, and third floors of the building.
- 3 Asbestos containing floor tile was identified on the third floor of the building. This material is not adhered to the flooring; it was found in a box in the area.
- 4 Asbestos containing roofing was identified in a previous survey on the roof. This material is under a newer rubber roof and is reported to be several roofing layers thick.

The lead-based paint characterization concluded that all the paint sampled in the building showed some lead levels. Since this is the case, contractors impacting the paint are required to follow the OSHA construction standard for lead. The paints witnessed in the building are deteriorating significantly, peeling and chipping in many locations. The loose and peeling paint should be scraped from the substrates, containerized, and disposed of according to all applicable regulations.



X: XREF(S)_W/_ (ROT/TWIST)
L: LS=,OR L: ON=,OFF=
P: BAND,MONOCHROME,CTB

ELM STREET

BASEMENT FLOOR PLAN

NOT TO SCALE

LEGEND



ASBESTOS CONTAINING FLOOR TILE



ASBESTOS CONTAINING WINDOW GLAZING



ASBESTOS CONTAINING ROOF MATERIAL



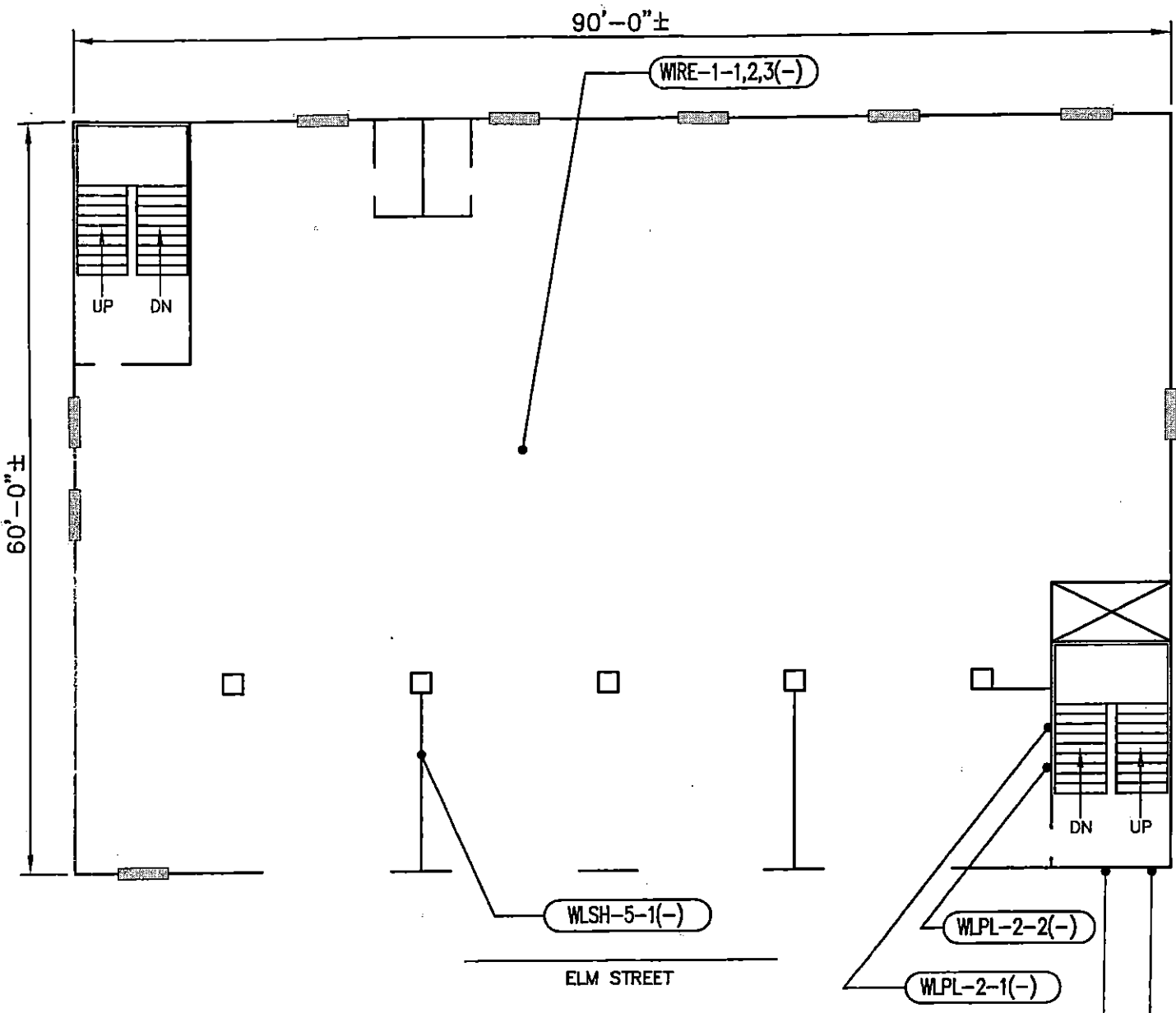
ASBESTOS CONTAINING PIPE INSULATION AND PIPE INSULATION DEBRIS



LEAD-BASED PAINT SAMPLE NUMBERS



ASBESTOS SAMPLE NUMBERS AND RESULTS



NOTE: DIMENSIONS ARE APPROXIMATE

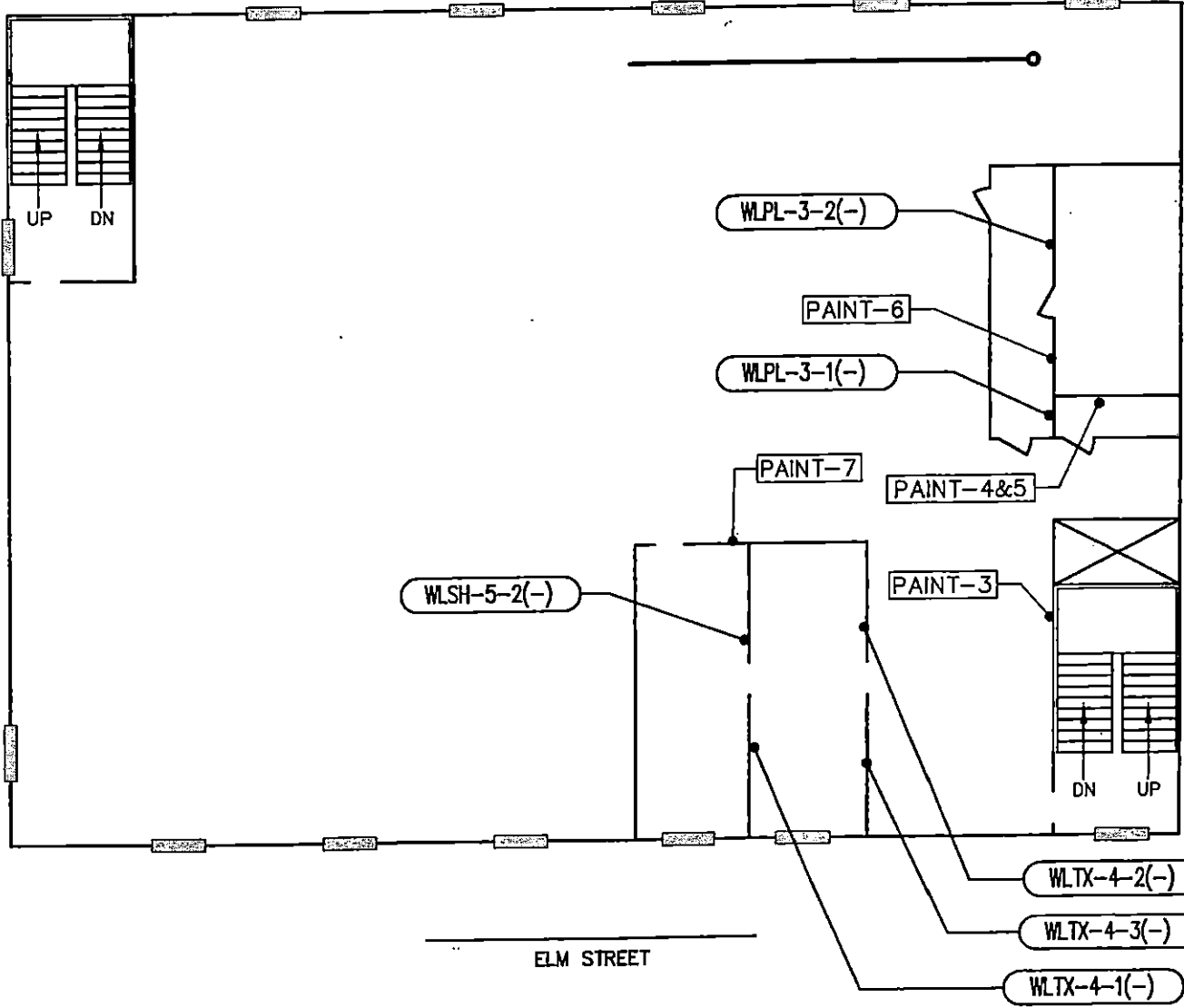
FIRST FLOOR PLAN
NOT TO SCALE

Barton
Loguidice, P.C.
Engineers • Environmental Scientists • Planners • Landscape Designers

GLENS FALLS ERP PROJECT
ASBESTOS/LBP SURVEY

36 ELM
STREET

Figure
1
Project No.
1032.001-A



SECOND FLOOR PLAN
NOT TO SCALE

X: XREF(S)_W/_ (ROT/TWIST)
 LS= OR L: ON=; OFF=
 P: BANDMONOCHROME.CTB

LEGEND



ASBESTOS CONTAINING FLOOR TILE



LEAD-BASED PAINT SAMPLE NUMBERS



ASBESTOS CONTAINING WINDOW GLAZING



ASBESTOS SAMPLE NUMBERS AND RESULTS

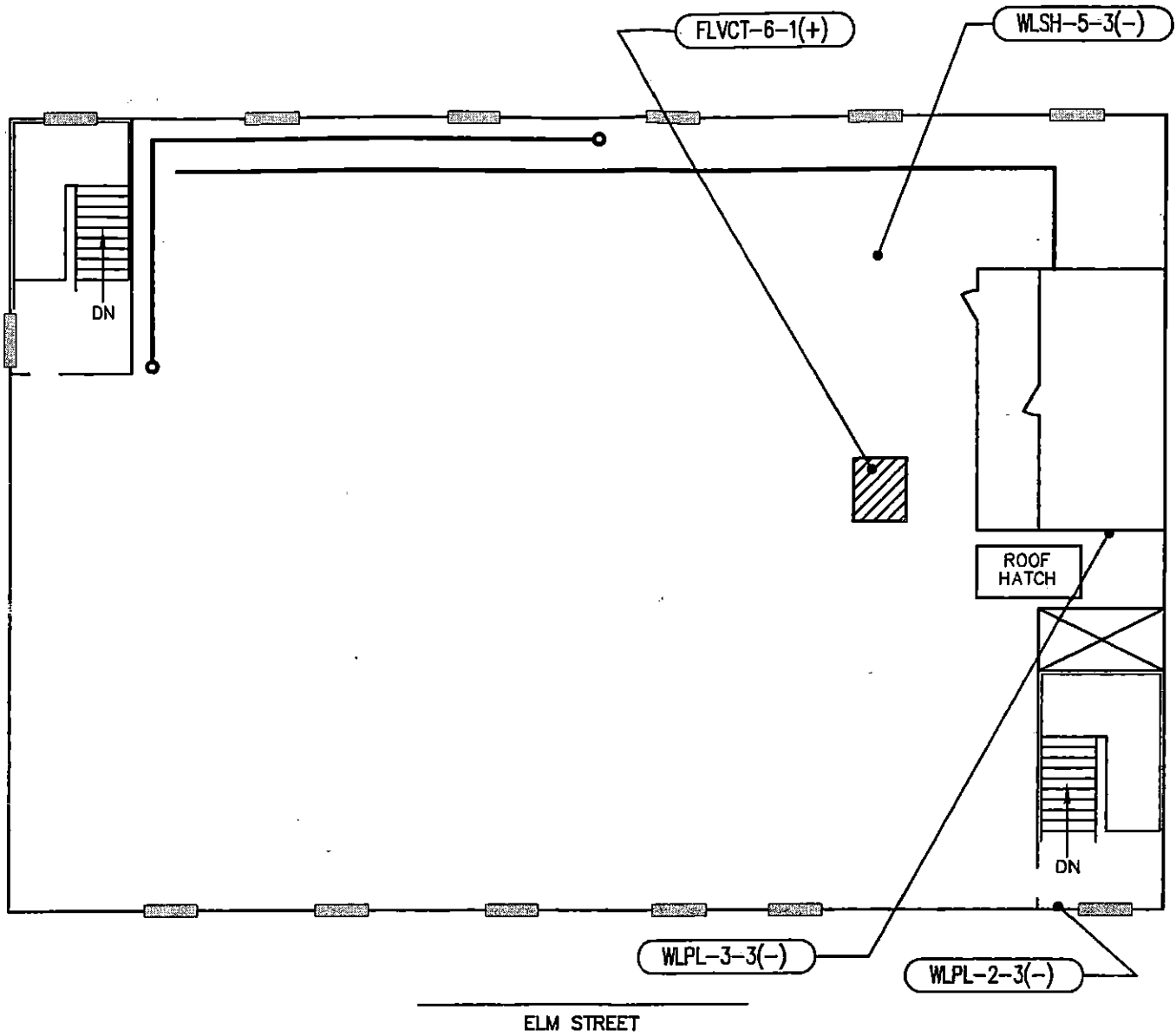


ASBESTOS CONTAINING ROOF MATERIAL



ASBESTOS CONTAINING PIPE INSULATION AND PIPE INSULATION DEBRIS

5-10-06-SYR-JAA
 1032001/1032.001ASB2.DWG



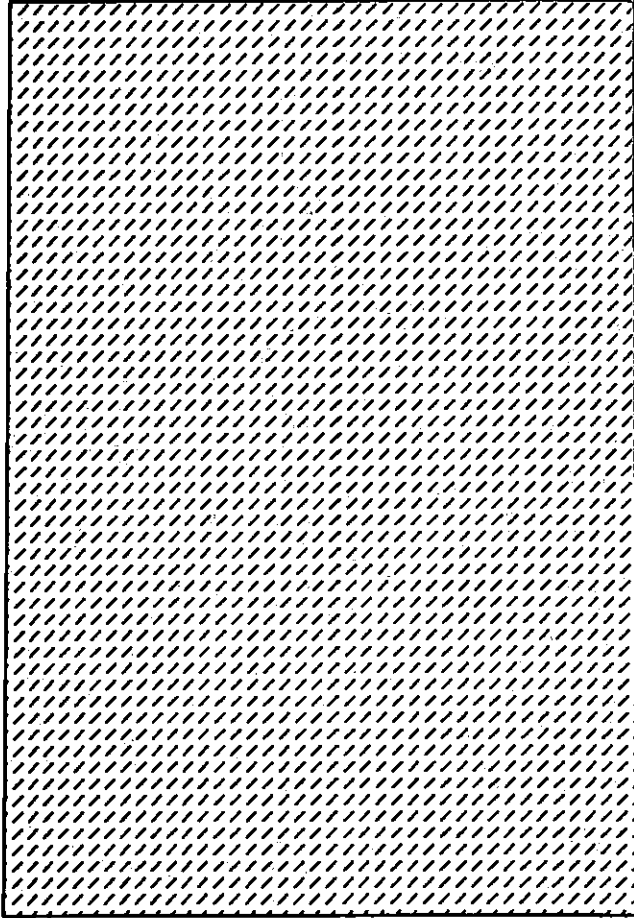
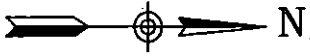
THIRD FLOOR PLAN
NOT TO SCALE

Barton
Loguidice, P.C.
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GLENS FALLS ERP PROJECT
ASBESTOS/LBP SURVEY

36 ELM
STREET

Figure
2
Project No.
1032.001-A



X: XREF(S)_W/_ (ROT/TWIST)
 LS=,OR L.ON=,OFF=
 P: BANDLMONOCHROME.CTB

ELM

ROOF FLO
 NOT TO

5-10-06-SYR-JAA
 1032001/1032.001ASB3.DWG

LEGEND



ASBESTOS CONTAINING FLOOR TILE



ASBESTOS CONTAINING WINDOW GLAZING



ASBESTOS CONTAINING ROOF MATERIAL



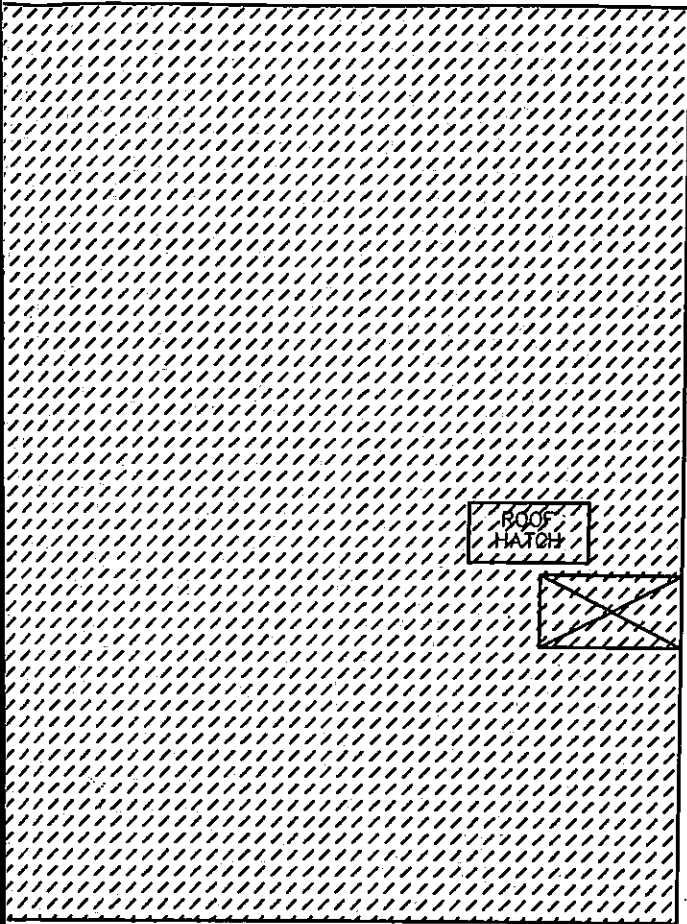
ASBESTOS CONTAINING PIPE INSULATION AND
 PIPE INSULATION DEBRIS



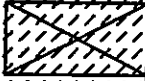
LEAD-BASED PAINT SAMPLE NUMBERS



ASBESTOS SAMPLE NUMBERS AND RESULTS



ROOF
HATCH



STREET

DOOR PLAN

SCALE

TS

Barton
&**L**oguidice, P.C.

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GLENS FALLS ERP PROJECT
ASBESTOS/LBP SURVEY

36 ELM
STREET

Figure

3

Project No.

1032.001-A

APPENDIX

Appendix A

**NYSDOL Inspector Certifications,
EPA Lead-Based Paint Certifications,
and B&L's Company Licenses**

STATE OF NEW YORK DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH

License and Certificate Unit
BUILDING 12, STATE CAMPUS,
ALBANY, NY 12240

RESTRICTED LICENSE
Asbestos Removal Not
Permitted

ASBESTOS HANDLING LICENSE

Contractor: **BARTON & LOGUIDICE, P.C.**
P.O. Box 3107
Syracuse, NY 13220

LICENSE NUMBER: 99-0130
DATE OF ISSUE: 2/9/2006
EXPIRATION DATE: 2/28/2007
Business Address
290 Elwood Davis Road
Liverpool, NY

Duly Authorized Representative: **WILLIAM F. SOUTHERN JR.**

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

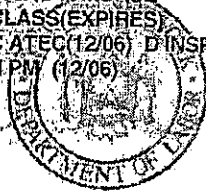
SH 432 (6-03)

Anthony Germano, Director
FOR THE COMMISSIONER OF LABOR

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE



DAVID A. MORSE
CLASS (EXPIRES)
C ATEC (12/06) D INSP (12/06)
H.P.M. (12/06)



CERT# 9416357

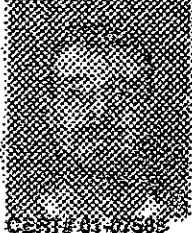
MUST BE CARRIED ON ASBESTOS PROJECTS



DMV# 773595177
EYES GRN
HAIR BRO
EGT 5' 11"

IF FOUND RETURN TO:
NYS DOL - L&C UNIT
ROOM 161 BUILDING 12
STATE OFFICE CAMPUS
ALBANY NY 12240

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE



MICHAEL D GOFF
CLASS EXPIRES
CATEGORY (2) (3) D INSP (2) (3)
H PA (1) (2) (3)



CERT# 01-07585

MUST BE CARRIED ON ASBESTOS PROJECTS



DMV# 799304629
EYES HAZ
HAIR BRO
HGT 5' 03"

IF FOUND RETURN TO:
NYSOL - L&C UNIT
ROOM 161 BUILDING 12
STATE OFFICE CAMPUS
ALBANY NY 12240

2025 RELEASE UNDER E.O. 14176

Appendix B
Asbestos Sample Laboratory Results


AmeriSci New York117 EAST 30TH STREET
NEW YORK, NY 10016

TEL: (212) 679-8600 • FAX: (212) 679-9392

PLM Bulk Asbestos ReportBarton & Loguidice, P.C.
Attn: John E. Rigge
PO Box 3107
290 Elwood Davis Road
Syracuse, NY 13220**Date Received** 05/12/06**Date Examined** 05/15/06**AmeriSci Job No.** 206052672**P.O. #** 1.32.001-A**Page** 1 of 5**RE** 1.32.001-A; Glens Falls ERP Project; 36 Elm Street
Glens Falls, NY.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
WIRE1-1 Location: Bulk Sample Description: Brown/Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 1.1 %	206052672-01	No	NAD ²
WIRE1-2 Location: Bulk Sample Description: Brown/Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 5.7 %	206052672-02	No	NAD ²
WIRE1-3 Location: Bulk Sample Description: Brown/Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 3.0 %	206052672-03	No	NAD ²
WLPL2-1 Location: Bulk Sample Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Cellulose Trace, Non-fibrous 100. %	206052672-04	No	NAD
WLPL2-2 Location: Bulk Sample Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Cellulose Trace, Non-fibrous 100. %	206052672-05	No	NAD


AmeriSci New York

 117 EAST 30TH STREET
 NEW YORK, NY 10016

TEL: (212) 679-8600 • FAX: (212) 679-9392

PLM Bulk Asbestos Report

 Barton & Loguidice, P.C.
 Attn: John E. Rigge
 PO Box 3107
 290 Elwood Davis Road
 Syracuse, NY 13220

Date Received 05/12/06

AmeriSci Job No. 206052672

Date Examined 05/15/06

P.O. # 1.32.001-A

Page 2 of 5

 RE 1.32.001-A; Glens Falls ERP Project; 36 Elm Street
 Glens Falls, NY.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
WLPL2-3	206052672-06	No	NAD
Location: Bulk Sample			
Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Cellulose Trace, Non-fibrous 100. %			
WLPL3-1	206052672-07	No	NAD
Location: Bulk Sample			
Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 1. %, Non-fibrous 99. %			
WLPL3-2	206052672-08	No	NAD
Location: Bulk Sample			
Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 1. %, Non-fibrous 99. %			
WLPL3-3	206052672-09	No	NAD
Location: Bulk Sample			
Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Cellulose Trace, Non-fibrous 100. %			
WLTX-4-1	206052672-10	Yes	< 1. % ¹
Location: Bulk Sample			
Description: OffWhite, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types: Chrysotile Trace			
Other Material: Cellulose Trace, Non-fibrous 100. %			



AmeriSci New York

117 EAST 30TH STREET
 NEW YORK, NY 10016
 TEL: (212) 679-8600 • FAX: (212) 679-9392

PLM Bulk Asbestos Report

Barton & Loguidice, P.C.
 Attn: John E. Rigge
 PO Box 3107
 290 Elwood Davis Road
 Syracuse, NY 13220

Date Received 05/12/06
 Date Examined 05/15/06

AmeriSci Job No. 206052672
 P.O. # 1.32.001-A
 Page 3 of 5

RE 1.32.001-A; Glens Falls ERP Project; 36 Elm Street
 Glens Falls, NY.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
WLTX4-2	206052672-11 Location: Bulk Sample	Yes	< 1.0% ¹
Description: OffWhite, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile Trace Other Material: Cellulose Trace, Non-fibrous 100. %			
WLTX4-3	206052672-12 Location: Bulk Sample	Yes	< 1.0% ¹
Description: OffWhite, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile Trace Other Material: Cellulose Trace, Non-fibrous 100. %			
WLSH5-1	206052672-13 Location: Bulk Sample	No	NAD
Description: White/Tan, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 12. %, Non-fibrous 88. %			
WLSH5-2	206052672-14 Location: Bulk Sample	No	NAD
Description: White/Grey, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 15. %, Non-fibrous 85. %			
WLSH5-3	206052672-15 Location: Bulk Sample	No	NAD
Description: White/Tan, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 20. %, Non-fibrous 80. %			

**AmeriSci New York**117 EAST 30TH STREET
NEW YORK, NY 10016

TEL: (212) 679-8600 • FAX: (212) 679-9392

PLM Bulk Asbestos ReportBarton & Loguidice, P.C.
Attn: John E. Rigge
PO Box 3107
290 Elwood Davis Road
Syracuse, NY 13220

Date Received 05/12/06

AmeriSci Job No. 206052672

Date Examined 05/15/06

P.O. # 1.32.001-A

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RE 1.32.001-A; Glens Falls ERP Project; 36 Elm Street
Glens Falls, NY.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
BRICK7-1 Location: Bulk Sample	206052672-16	No	NAD
Description: OffWhite, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Cellulose Trace, Non-fibrous 100. %			
BRICK7-2 Location: Bulk Sample	206052672-17	No	NAD
Description: OffWhite, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Cellulose Trace, Non-fibrous 100. %			
BRICK7-3 Location: Bulk Sample	206052672-18	No	NAD
Description: OffWhite, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Cellulose Trace, Non-fibrous 100. %			
FLVCT6-1 Location: Bulk Sample	206052672-19	Yes	4.4 % ²
Description: OffWhite, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 4.4 % Other Material: Non-fibrous 25.1 %			



AmeriSci New York

117 EAST 30TH STREET
NEW YORK, NY 10016

TEL: (212) 679-8600 • FAX: (212) 679-9392

PLM Bulk Asbestos Report

Barton & Loguidice, P.C.
Attn: John E. Rigge
PO Box 3107
290 Elwood Davis Road
Syracuse, NY 13220

Date Received 05/12/06

Date Examined 05/15/06

AmeriSci Job No.206052672

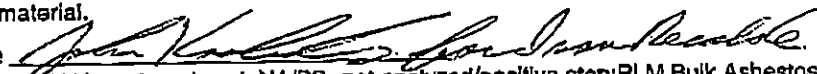
P.O. # 1.32.001-A

Page 5 of 5

RE 1.32.001-A; Glens Falls ERP Project; 36 Elm Street
Glens Falls, NY.

Reporting Notes:

- (1) PLM analysis by EPA 400 Point Count Method
- (2) PLM analysis of NOB inert material.

Analyzed by: Ivan H. Recalde 

*NAD/NSD =no asbestos detected;NA =not analyzed; NA/PS=not analyzed/positive stop;PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200546-0) and ELAP PLM Analysis Protocol 198.1 for New York friable samples and 198.6 for NOB samples (NYSDOH ELAP Lab#11480);Note:PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non asbestos-containing in NY State (also see EPA Advisory for floor tile,FR 59,146,38970,8/1/94). National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the lab. This PLM report relates ONLY to the items tested. AIHA# 102843.

Reviewed By: _____

Table I
Summary of Bulk Asbestos Analysis Results
 I.32.001-A; Glens Falls ERP Project; 36 Elm Street Glens Falls, NY.

AmeriSci Sample #	Client Sample# Location	HG Area	Sample Weight	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	WIRE1-1 Bulk Sample		0.09	95.56	3.33	1.11	NAD	NAD
02	WIRE1-2 Bulk Sample		0.191	54.97	39.27	5.76	NAD	NAD
03	WIRE1-3 Bulk Sample		0.097	95.88	1.03	3.09	NAD	NAD
04	WLPL2-1 Bulk Sample		---	---	---	---	NAD	NA
05	WLPL2-2 Bulk Sample		---	---	---	---	NAD	NA
06	WLPL2-3 Bulk Sample		---	---	---	---	NAD	NA
07	WLPL3-1 Bulk Sample		---	---	---	---	NAD	NA
08	WLPL3-2 Bulk Sample		---	---	---	---	NAD	NA
09	WLPL3-3 Bulk Sample		---	---	---	---	NAD	NA
10	WLTX4-1 Bulk Sample		---	---	---	---	Chrysotile Trace	NA
11	WLTX4-2 Bulk Sample		---	---	---	---	Chrysotile Trace	NA
12	WLTX4-3 Bulk Sample		---	---	---	---	Chrysotile Trace	NA
13	WLSH5-1 Bulk Sample		---	---	---	---	NAD	NA

See Reporting notes on last page

05/15/2006 MON 12:21 LTX/RX NO 93741


05/15/2006 11:42 2126/35352

AMERISCI NY BULK LAB

PAGE 02/03

Table I
Summary of Bulk Asbestos Analysis Results
 1.32.001-A; Glens Falls ERP Project; 36 Elm Street Glens Falls, NY.

AmeriSci Sample #	Client Sample# Location	HG Area	Sample Weight	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
14	WLSH5-2 Bulk Sample		---	---	---	---	NAD	NA
15	WLSH5-3 Bulk Sample		---	---	---	---	NAD	NA
16	BRICK7-1 Bulk Sample		---	---	---	---	NAD	NA
17	BRICK7-2 Bulk Sample		---	---	---	---	NAD	NA
18	BRICK7-3 Bulk Sample		---	---	---	---	NAD	NA
19	FLVCT6-1 Bulk Sample		0.589	25.81	44.65	25.14	NAD Chrysotile 4.4	NA

Analyzed by: John P. Konbiadis  Date Analyzed 5/15/2006

Quantitative Analysis (Semi/Full) Bulk Asbestos Analysis - PLM by EPA 600/M4-82-020 per 40 CFR (NVLAP Lab#200546-0); TEM (Semi/Full) by EPA 600/R-93/116 (not covered by NVLAP Bulk accreditation); or ELAP 198.4 for New York samples (NYSDOH ELAP#11480); NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <1%; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only; Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represents results for Qualitative PLM or TEM Analysis only (no accreditation coverage available from any regulatory agency for qualitative analyses); AIHA Lab#102843, NVLAP# 200546-0

Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris for which PLM evaluation is recommended (i.e. soils and other heterogeneous materials).

Reviewed By: _____

206052672



**Barton
& Loquidice, P.C.**

Engineers • Environmental Scientists • Planners • Landscape Designers

Asbestos Bulk Sample Chain-of-Custody

290 Elwood Davis Road/Box 3107

Syracuse, New York 13220

(315) 457-5200 Fax: (315) 451-0052

Project: Glens Falls ERP Project
36 Elm Street
Glens Falls, NY

Project No.: 1032.001-A
 Date Sampled: 5/10/2006
 Sampled by: DAM/MDG

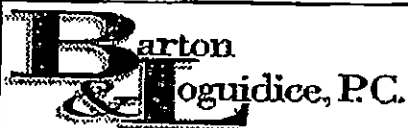
Sample Identification	Date Sampled	Sample Medium	Analysis Required	Method Reference
WIRE-1-1,2,3	5/10/2006	BULK	% Asbestos	PLM
WLPL-2-1,2,3		BULK	% Asbestos	PLM
WLPL-3-1,2,3		BULK	% Asbestos	PLM
WLTX-4-1,2,3		BULK	% Asbestos	PLM
WLSH-5-1,2,3		BULK	% Asbestos	PLM
BRICK-7-1,2,3		BULK	% Asbestos	PLM
		BULK	% Asbestos	PLM
		BULK	% Asbestos	PLM
		BULK	% Asbestos	PLM
		BULK	% Asbestos	PLM
		BULK	% Asbestos	PLM
		BULK	% Asbestos	PLM
		BULK	% Asbestos	PLM
		BULK	% Asbestos	PLM

Comments: Stop at first positive (> than 1% asbestos) in each triplicate sample series.
 Prices as per agreement.

Report Results to:
 E-mail: David Morse TAT: 72 HOURS dmorse@bartonandloquidice.com
 Fax: David Morse (315) 451-0052
 Written: David Morse 10 calendar days
 Invoice: David Morse 10 calendar days

Chain-of-Custody:	Signature	Date
Relinquished by:		5-11-06
Received by Lab.:	1:ISP	5-12-06
Received by Analyst:		

206052672



Asbestos Bulk Sample Chain-of-Custody

Engineers • Environmental Scientists • Planners • Landscape Designers

290 Elwood Davis Road/Box 3107
Syracuse, New York 13220
(315) 457-5200 Fax: (315) 451-0052

Project: Glens Falls ERP Project
36 Elm Street
Glens Falls, NY

Project No.: 1032.001-A
Date Sampled: 5/10/2006
Sampled by: DAM/MDG

Sample Identification	Date Sampled	Sample Medium	Analysis Required	Method Reference
FLVCT-6-1	5/10/06	BULK (NOB)	% Asbestos	PLM grav. / TEM
/		BULK (NOB)	% Asbestos	PLM grav. / TEM
		BULK (NOB)	% Asbestos	PLM grav. / TEM
		BULK (NOB)	% Asbestos	PLM grav. / TEM
		BULK (NOB)	% Asbestos	PLM grav. / TEM
		BULK (NOB)	% Asbestos	PLM grav. / TEM
		BULK (NOB)	% Asbestos	PLM grav. / TEM
		BULK (NOB)	% Asbestos	PLM grav. / TEM
		BULK (NOB)	% Asbestos	PLM grav. / TEM
		BULK (NOB)	% Asbestos	PLM grav. / TEM
		BULK (NOB)	% Asbestos	PLM grav. / TEM
		BULK (NOB)	% Asbestos	PLM grav. / TEM
		BULK (NOB)	% Asbestos	PLM grav. / TEM

Comments: Advance to TEM if PLM result is 1% asbestos or less.

Report Results to:

E-mail: David Morse TAT: 72 HOURS dmorse@bartonandloguidice.com
 Fax: David Morse (315) 451-0052
 Written: David Morse 10 calendar days
 Invoice: David Morse 10 calendar days

Chain-of-Custody:	Signature	Date
Relinquished by:		5-11-06
Received by Lab.:		5-12-06
Received by Analyst:		

Appendix C

Lead-based Paint Sample Results



CERTIFICATE OF ANALYSIS

Client: Barton & Loguidice, P.C.
Address: 290 Elwood Davis Road, Box 3107
Syracuse, New York 13220

Job Name: Glens Falls ERP Project
Job Location: 36 Elm St Glen Falls, NY
Job Number: 1032.001-A
P.O. Number: Not Provided

Chain Of Custody: 152762
Date Submitted: 5/12/2006
Person Submitting: Dave Morse
Date Analyzed: 5/12/2006

Report Date: 12-May-06

Attention: Dave Morse

Summary of Atomic Absorption Analysis for Lead

Page 1 of 1

AMA Sample Number	Client Sample Number	Analysis Type	Sample Type	Air Volume (L)	Area Wiped (ft ²)	Reporting Limit		Final Result		Comments
0648671	PAINT-1	Flame	Paint Chip	****	N/A	0.01	%Pb	0.051	%Pb	
0648672	PAINT-2	Flame	Paint Chip	****	N/A	0.01	%Pb	1.8	%Pb	
0648673	PAINT-3	Flame	Paint Chip	****	N/A	0.01	%Pb	0.33	%Pb	
0648674	PAINT-4	Flame	Paint Chip	****	N/A	0.01	%Pb	0.038	%Pb	
0648675	PAINT-5	Flame	Paint Chip	****	N/A	0.01	%Pb	0.051	%Pb	
0648676	PAINT-6	Flame	Paint Chip	****	N/A	0.01	%Pb	2.1	%Pb	
0648677	PAINT-7	Flame	Paint Chip	****	N/A	0.01	%Pb	1.2	%Pb	

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water: SM-3111B

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids : EPA 600/R-93/200(M)-7421; Water: SM-3113B

N/A = Not Applicable mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm)

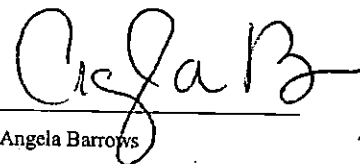
%Pb = percent lead by weight ug = micrograms ug/L = parts per billion (ppb)

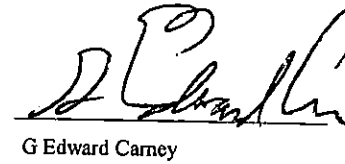
Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown should not be considered when interpreting the result.

Air and Wipe results are not corrected for any blank results

See QC Summary for analytical results of quality control samples associated with these samples.


Analyst: Angela Barrows


Technical Manager: G Edward Carney

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.



AmeriSci New York

117 EAST 30TH ST.
NEW YORK, NY 10016

TEL: (212) 679-8600 • FAX: (212) 679-3114

**DUST SAMPLES FROM
BASEMENT FLOOR - (SAMPLED AFTER
PLM Bulk Asbestos Report DESIGN)**

Barton & Loguidice, P.C.
Attn: John E. Rigge
PO Box 3107
290 Elwood Davis Road
Syracuse, NY 13220

Date Received 12/15/06 AmeriSci Job No. 206122715
Date Examined 12/17/06 P.O. # 1032.001-A
ELAP Number 11480 Page 1 of 2
RE 1032.001-A; Warren County Economic Development;
36 Elm Street - Glens Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
DUST-1-1 1 Location: Bulk Material Description: Brown/Grey, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Animal hair 3 %, Cellulose 80 %, Non-fibrous 17 %	206122715-01	No	NAD ¹ (by NYS ELAP 198.1) by John P. Koubiadis on 12/17/06
DUST-1-2 1 Location: Bulk Material Description: Brown/Grey, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Animal hair 2 %, Cellulose 40 %, Synthetic fibers 3 %, Non-fibrous 55 %	206122715-02	No	NAD ¹ (by NYS ELAP 198.1) by John P. Koubiadis on 12/17/06
DUST-1-3 1 Location: Bulk Material Description: Brown/Grey, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Animal hair 2 %, Cellulose 85 %, Non-fibrous 13 %	206122715-03	No	NAD ¹ (by NYS ELAP 198.1) by John P. Koubiadis on 12/17/06
DUST-2-1 2 Location: Bulk Material Description: Brown/Grey, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Animal hair 2 %, Cellulose 35 %, Non-fibrous 63 %	206122715-04	No	NAD ¹ (by NYS ELAP 198.1) by John P. Koubiadis on 12/17/06
DUST-2-2 2 Location: Bulk Material Description: Brown/Grey, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Animal hair 5 %, Cellulose 30 %, Non-fibrous 65 %	206122715-05	No	NAD ¹ (by NYS ELAP 198.1) by John P. Koubiadis on 12/17/06

Client Name: Barton & Loguidice, P.C.

PLM Bulk Asbestos Report

1032.001-A; Warren County Economic Development;
36 Elm Street - Glens Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
DUST-2-3 2	206122715-06 Location: Bulk Material	No	NAD ¹ (by NYS ELAP 198.1) by John P. Koubiadis on 12/17/06
Description: Brown/Grey, Heterogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Animal hair 2 %, Cellulose 30 %, Synthetic fibers 2 %, Non-fibrous 66 %			
DUST-3-1 3	206122715-07 Location: Bulk Material	No	NAD ¹ (by NYS ELAP 198.1) by John P. Koubiadis on 12/17/06
Description: Tan, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose Trace, Non-fibrous 100 %			
DUST-3-2 3	206122715-08 Location: Bulk Material	No	NAD ¹ (by NYS ELAP 198.1) by John P. Koubiadis on 12/17/06
Description: Tan/Brown, Heterogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 10 %, Fibrous glass 5 %, Synthetic fibers 2 %, Non-fibrous 83 %			
DUST-3-3 3	206122715-09 Location: Bulk Material	No	NAD ¹ (by NYS ELAP 198.1) by John P. Koubiadis on 12/17/06
Description: Tan/Brown, Heterogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Animal hair 2 %, Cellulose 10 %, Synthetic fibers 15 %, Non-fibrous 73 %			

Reporting Notes:

(1) Analysis Results For Soil, Dust, Or Debris May Be Highly Variable Because Of The Heterogeneous Nature Of These Samples

Analyzed by: John P. Koubiadis 

*NAD/NSD =no asbestos detected; NA =not analyzed; NA/PS=not analyzed/positive stop; PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200546-0) and ELAP PLM Analysis Protocol 198.1 for New York friable samples and 198.6 for NOB samples (NYSDOH ELAP Lab#11480); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non asbestos-containing in NY State (also see EPA Advisory for floor tile, FR 59,146,38970,8/1/94). National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the lab. This PLM report relates ONLY to the items tested. AIHA# 102843.

Reviewed By: 

206122715



Asbestos Bulk Sample Chain-of-Custody
 1 South Washington Street Suite 520
 Rochester, New York 14614
 585-325-7190 Fax: 585-325-4856

Project: Warren County Economic Development
36 Elm Street
Glens Falls, NY

Project No.: 1032.001-A
 Date Sampled: 12/13/2006
 Sampled by: TJS/MDC

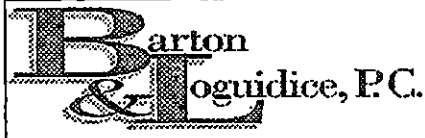
Sample Identification	Date Sampled	Sample Medium	Analysis Required	Method Reference
Dust-1-1	12/13/06	BULK	% Asbestos	PLM
↓ -1-2		BULK	% Asbestos	PLM
↓ -1-3		BULK	% Asbestos	PLM
Dust-2-1		BULK	% Asbestos	PLM
↓ -2-2		BULK	% Asbestos	PLM
↓ -2-3		BULK	% Asbestos	PLM
Dust-3-1		BULK	% Asbestos	PLM
↓ -3-2		BULK	% Asbestos	PLM
↓ -3-3		BULK	% Asbestos	PLM
		BULK	% Asbestos	PLM
		BULK	% Asbestos	PLM
		BULK	% Asbestos	PLM
		BULK	% Asbestos	PLM
		BULK	% Asbestos	PLM

Comments: Stop at first positive (> than 1% asbestos) in each triplicate sample series.
 Prices as per agreement.

Report Results to:
 E-mail: Tim Strzepek TAT: 72 HR tstrzepek@bartonandloquidice.com
 E-mail: John Rigge jrige@bartonandloquidice.com
 Fax: John Rigge 315-451-0052
 Invoice: John Rigge 10 calendar days

Chain-of-Custody:	Signature	Date
Relinquished by:		12/14/06
Received by Lab.:		12/15/06 955
Received by Analyst:		

91809



Asbestos Bulk Sample Chain-of-Custody
 290 Elwood Davis Road/Box 3107
 Syracuse, New York 13220
 (315) 457-5200 Fax: (315) 451-0052

Engineers • Environmental Scientists • Planners • Landscape Designers

Project: Greater Glens Falls Develop. Corp.
36 Elm St.
Glens Falls, NY

Project No.: 1032.001-A
 Date Sampled: 3-22-07
 Sampled by: B&L

Sample Identification	Date Sampled	Sample Medium	Analysis Required	Method Reference
1032.001-A	3-22-07	BULK 479146	% Asbestos	PLM
		BULK	% Asbestos	PLM
		BULK	% Asbestos	PLM
		BULK	% Asbestos	PLM
		BULK	% Asbestos	PLM
		BULK	% Asbestos	PLM
		BULK	% Asbestos	PLM
		BULK	% Asbestos	PLM
		BULK	% Asbestos	PLM
		BULK	% Asbestos	PLM
		BULK	% Asbestos	PLM
		BULK	% Asbestos	PLM
		BULK	% Asbestos	PLM
		BULK	% Asbestos	PLM
		BULK	% Asbestos	PLM
		BULK	% Asbestos	PLM

Comments: Stop at first positive (> than 1% asbestos) in each triplicate sample series.
 Prices as per agreement.

Report Results to: Phone 2
 E-mail: David Morse TAT: ASAP HOURS Cell voice mail - 380-7442
dmorse@bartonandloguidice.com
 Fax: David Morse (315) 451-0052 Monday
 Written: David Morse 10 calendar days
 Invoice: David Morse 10 calendar days

Chain-of-Custody:	Signature	Date
Relinquished by:		3-23-07
Received by Lab.:	<u>MATT DUCHENE</u>	3-23-07 16 ⁰⁵
Received by Analyst:		