



Binghamton
126 Park Avenue
Suite 1A
Binghamton, NY 13903
607-773-1812 (T)
atlantictesting.com

December 23, 2025

McFarland Johnson, Inc
49 Court Street
Binghamton, New York 13901

Attn: Joe Mieczkowski
Senior Project Manager

Re: Limited Hazardous Materials Survey
BIN 3350640 – Lyon Brook Road Over Lyon Brook
Oxford, New York
ATL Report No. ET5403ACE-01-12-25

Enclosed is a copy of the Limited Hazardous Materials Survey report prepared for the referenced site. This project was completed in accordance with the scope of work outlined in our contract (ATL No. ET5998-666X-10-25), dated November 20, 2025, and authorized via McFarland Johnson, Inc. Standard Form Of Agreement Between Engineer and Subconsultant for Professional Services dated November 20, 2025.

Please contact our office should you have any questions, or if we may be of further assistance.

Sincerely,
ATLANTIC TESTING LABORATORIES, Limited

Jordan L. Stachowiak
Project Scientist

JLS/JDG/dp

Enclosures

LIMITED HAZARDOUS MATERIALS SURVEY

**BIN 3350640 – LYON BROOK ROAD OVER LYON BROOK
OXFORD, NEW YORK**



PREPARED BY:

**Atlantic Testing Laboratories, Limited
126 Park Avenue
Suite 1A
Binghamton, New York 13063**

PREPARED FOR:

**McFarland Johnson, Inc
49 Court Street
Binghamton, New York 13901**

ATL REPORT NO. ET5403ACE-01-12-25

December 23, 2025

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1.0 INTRODUCTION

1.1 Purpose

Atlantic Testing Laboratories, Limited (ATL) was retained by McFarland Johnson, Inc, to perform a limited hazardous materials survey of Lyon Brook Road bridge over Lyon Brook. The limited survey was performed on December 10, 2025. The purpose of the limited hazardous materials survey was to identify asbestos-containing materials (ACM) and lead-containing materials that are present on exposed surfaces within the subject areas and may have a significant impact on a planned bridge rehabilitation project. The limited hazardous materials survey procedures and report content that follow are in general compliance with applicable local, state, and federal rules and regulations.

1.2 Project Team and Certifications

Members of the ATL project team included:

- Andrew Amell, Group Leader
- Dylan Putnam, Environmental Building Inspector
- Levi Smith, Technician

Certifications of ATL's field survey team members and a copy of applicable company licenses maintained by ATL are included in Appendix A.

Laboratory analyses conducted for this survey were performed by the following New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) approved laboratories:

- AmeriSci: Polarized Light Microscopy (PLM) and Transmission Electron Microscopy (TEM) analysis under ELAP No. 11480. AmeriSci is also accredited by the National Institute of Standards and Technology (NIST), under the National Voluntary Laboratory Accreditation Program (NVLAP) Lab code 200546-0
- International Asbestos Testing Laboratories (iATL): lead analysis under ELAP No. 11021

Applicable ELAP and NVLAP certificates for laboratory analysis approval are included in Appendix A.

2.0 SCOPE OF WORK

2.1 Project Description

The project site is located at Lyon Brook Road Over Lyon Brook, Oxford, Chenango County, New York.

The intent of this limited survey was to identify suspect ACM, and lead-containing materials that are located within accessible areas of the of the subject bridge and may be impacted during a bridge rehabilitation project.

The limited hazardous materials survey was conducted for the subject bridge, as directed by Joe Mieczkowski, representing McFarland Johnson, Inc.

The subject areas were operational at the time of the sampling event.

2.2 Inaccessible Areas

The extent of inaccessible areas is dependent upon the building type and condition, construction materials, history of renovations and repairs, and project scope. This limited hazardous materials survey was performed to identify ACM and lead-containing materials within the designated areas; however; concealed materials may exist in areas that were not readily exposed to view. Bridge

component systems may contain concealed suspect hazardous materials. If any suspect hazardous materials are encountered during demolition and/or renovation activities, the activities disturbing the suspect hazardous materials must stop and the material must be sampled and laboratory analyzed or otherwise managed in accordance with applicable regulations.

2.3 Document Review

Documents provided to ATL for review and use during the limited hazardous materials survey included:

- New York State Department of Transportation General Bridge Inspection Report BIN 3350640, dated September 9, 2024

2.4 Limitations

This report has been prepared in accordance with the scope of work outlined in ATL's contract (ATL No. ET5998-666X-10-25), dated November 20, 2025, and authorized via McFarland Johnson, Inc. Standard Form Of Agreement Between Engineer and Subconsultant for Professional Services dated November 20, 2025, and should not be used as abatement specifications or design documents. The report should be read in its entirety to understand the context of ATL's methodologies, findings, conclusions, recommendations, and limitations of the scope of services for the referenced project. This report is based on the field observations made by representatives of ATL and the information provided by representatives of McFarland Johnson, Inc.

The findings, conclusions, and recommendations are relevant to the dates the limited survey was performed and may not represent conditions at substantially later dates. Any changes to documents, specifications, and drawings provided to ATL for reference in completing the limited survey or modifications to the scope and/or scale of the project made subsequent to this survey should be evaluated to determine if additional assessment is necessary.

Quantities and locations of sampled materials are approximate and must be verified by others prior to scoping and/or engaging work activities that may affect these materials. Variations in reported quantities and locations for sampled materials, in addition to the discovery of suspect materials not identified in this report, are possible due to the presence of inaccessible areas, as described in Section 2.2 of this report.

3.0 ASBESTOS

3.1 Regulatory Information

In New York State, there are multiple regulatory agencies that have jurisdiction over ACM in buildings. Asbestos survey requirements are primarily regulated or specified by New York State Department of Labor (NYSDOL), NYSDOH, Occupational Safety and Health Administration (OSHA), and United States Environmental Protection Agency (EPA).

NYSDOL established Part 56 of The Official Compilation of Codes, Rules, and Regulations (cited as 12 NYCRR, Part 56) to address the proper identification, handling, removal, and disposal of ACM in buildings. Asbestos survey requirements are specified in Subpart 56-5.1 "Asbestos Survey Requirements for Building/Structure Demolition, Renovation, Remodeling and Repair." NYSDOL also works in conjunction with NYSDOH to establish and maintain asbestos safety training program requirements, and enforce personnel certifications and licensing protocol for asbestos contractors.

OSHA defines requirements for asbestos surveys and identification of ACM and presumed asbestos-containing materials (PACM) in 29 CFR 1926.1101 (k) "Communication of Hazards." Under this regulation, OSHA makes reference to conducting inspections according to 1926.1101

(k)(5)(ii)(B) and 1926.1101 (k)(5)(iii) or pursuant to the requirements of the Asbestos Hazard Emergency Response Act (AHERA) 40 CFR Part 763, Subpart E “Asbestos-Containing Materials in Schools.” AHERA is regulated by EPA, and applies to primary and secondary schools only; however, the procedures mandated under AHERA are generally considered the industry standards for surveys, as these are typically the most stringent.

EPA, NYSDOL, and other regulatory agencies define ACM as any material containing greater than 1% of asbestos. Materials containing trace asbestos (i.e., less than 1%) are not considered ACM; however, OSHA recognizes materials that contain trace amounts of asbestos, and requires these materials be handled in accordance with their standard interpretation letter titled “Requirements for demolition operations involving material containing <1% asbestos “, dated August 13, 1999.

3.2 Methodology and Sampling

A visual examination of accessible areas of the subject bridge was conducted by an Asbestos Building Inspector to identify suspect ACM. Functional spaces were identified to assist while locating suspect ACM. A functional space is defined as a spatially distinct area within a building that contains identifiable populations of building occupants. A functional space may include a room, a group of rooms, or other defined area, and several functional spaces may comprise a single homogeneous sampling area. A homogeneous sampling area is defined as an area that is uniform by color, texture, construction/application, and general appearance. Each identified functional space was visually examined to determine the locations of suspect ACM. These materials were then delineated into homogeneous sampling areas.

Samples of each accessible homogeneous area were collected and placed in clean, labeled containers. The appropriate custody documentation was completed and the suspect ACM samples were submitted to AmeriSci New York (AmeriSci), located in New York, New York. The samples were laboratory analyzed by PLM and TEM methodologies, as applicable.

Information and details pertaining to the asbestos survey are provided in the following:

- Appendix B: Sample Location Plan with approximate sample locations
- Appendix C: Laboratory reports and associated sample custody documentation
- Appendix D: Table D-I: Summary of the identified suspect asbestos-containing materials and associated analytical results
- Appendix E: Photographs

4.0 LEAD-CONTAINING MATERIALS

4.1 Regulatory Information

Although New York State has established Title X, Part 67 of The Official Compilation of Codes, Rules, and Regulations (cited as NYCRR Title X, Part 67) for “Lead Poisoning Prevention and Control,” lead-containing materials inspections and risk assessments are generally subject to the requirements of federal regulations. The United States Department of Housing and Urban Development (HUD), EPA, and OSHA are the primary federal regulatory agencies responsible for the establishment and enforcement of such regulations. On a state level, NYSDOH does require laboratories to be certified to perform lead analysis under ELAP.

HUD “Guidelines for the Evaluation and Control of Lead-Based Paint (LBP) Hazards in Housing” include details pertaining to sampling and analysis of suspect LBP, in addition to the identification and control of LBP hazards. HUD guidelines pertain to federally owned or assisted housing; however, these are commonly referenced and made mandatory by other regulatory agencies. EPA requirements for LBP activities, specified in 40 CFR Part 745, apply to targeted housing and child-occupied facilities, and are similar to HUD guideline requirements. HUD identifies LBP as

“any paint, varnish, stain, or other applied coating that has 1 mg/cm² (or 5,000 mg/kg or 0.5% by weight) or more of lead” (HUD Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing).

The OSHA Construction Standard for Lead (29 CFR 1926.62) applies to employees of an employer who may or will be exposed to occupational levels of lead. OSHA requires employees to maintain, at a minimum, awareness, respiratory protection, and hazard communication training. The OSHA lead-in-construction standard (29 CFR 1926.62) requires an exposure assessment where any detectable levels of lead, or materials containing lead, are present.

4.2 Methodology and Sampling

A visual examination of accessible areas of the subject bridge was conducted by a Lead Inspector to identify potential lead-containing material. Functional spaces were identified as described in Section 3.2 of this report, to assist locating suspect lead-containing material. Potential lead-containing material surfaces were classified into homogeneous areas. A homogeneous area is defined as similar paint color schemes, building components, and substrates the paint is applied on.

Samples of each accessible homogeneous paint were collected and placed in clean, labeled containers. The appropriate custody documentation was completed, and the suspect lead-containing material samples were submitted to International Asbestos Testing Laboratories (iATL). The samples were laboratory analyzed for lead, in accordance with EPA Method 7000.

Information and details pertaining to the lead survey are provided in the following:

- Appendix B: Sample Location Plan with approximate sample locations
- Appendix C: Laboratory reports and associated sample custody documentation
- Appendix D: Table D-II: Summary of the identified suspect lead-containing materials and associated analytical results
- Appendix E: Photographs

5.0 CONCLUSIONS AND RECOMMENDATIONS

The following conclusions and recommendations are prepared from ATL’s understanding that the referenced bridge may be subject to a bridge rehabilitation project. Should the management of the bridge change, it is recommended that the findings be revisited to reflect appropriate operations and management practices for hazardous materials-containing items.

5.1 General

1. Concealed regulated asbestos and/or hazardous materials may exist at the site that could be encountered during future bridge renovation/demolition activities. Other component systems may contain concealed suspect asbestos and/or hazardous materials. If any suspect asbestos and/or hazardous materials or asbestos and/or hazardous materials-containing items are encountered during demolition and/or renovation activities, the activities disturbing the suspect material must stop and the material must be sampled and laboratory analyzed or otherwise managed in accordance with applicable regulations.

5.2 Asbestos-Containing Materials

1. None of the materials sampled were determined to be ACM.
2. Subpart 56-5.1(g) of 12 NYCRR Part 56 specifies requirements for transmittal of asbestos survey information by the building/structure owner. One copy of the asbestos survey report shall be sent to the local government entity charged with issuing a permit for such demolition, renovation, remodeling, or repair work under applicable State or local laws. If controlled

demolition or pre-demolition activities will be performed, one copy of the asbestos survey report shall be submitted to the appropriate Asbestos Control Bureau district office. One copy of the asbestos survey report must be kept on the construction site throughout the duration of the asbestos project and any associated demolition, renovation, remodeling, or repair project.

5.3 Lead-Containing Materials

1. None of the materials sampled was determined to be LBP per HUD or OSHA criteria.

APPENDIX A
LICENSES AND CERTIFICATIONS

WE ARE YOUR DOL



**Department
of Labor**

DIVISION OF SAFETY & HEALTH LICENSE AND CERTIFICATE UNIT, STATE OFFICE CAMPUS, BLDG. 12, ALBANY, NY 12226

ASBESTOS HANDLING LICENSE

Atlantic Testing Laboratories, Limited
P.O. Box 29, Canton, NY, 13617

License Number: 29276

License Class: RESTRICTED

Date of Issue: 10/06/2025

Expiration Date: 11/30/2026

Duly Authorized Representative: James Kuhn

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.

A handwritten signature in black ink, appearing to read "Amy Phillips".

Amy Phillips, Director
For the Commissioner of Labor

EXCELSIOR

United States Environmental Protection Agency

This is to certify that

Atlantic Testing Laboratories, Limited

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226

In the Jurisdiction of:

All EPA Administered Lead-based Paint Activities Program States, Tribes and Territories

This certification is valid from the date of issuance and expires April 21, 2028

LBP-8962-4

Certification #

February 12, 2025

Issued On



A handwritten signature in black ink, appearing to read "Marc Edmonds".

Marc Edmonds, Chief

Risk Assessment Management Branch 2.

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE

N.Y.S.



DYLAN PUTNAM
CLASS(EXPIRES)
C ATEC (07/26) D INSP (07/26)
H PM (07/26)

CERT# 25-6TL7Y-SHAB
DMV# 572488605

MUST BE CARRIED ON ASBESTOS PROJECTS

REPRODUCTION OF THIS CERTIFICATE IS PROHIBITED



01213 007639162 26

IF FOUND, RETURN TO:
NYSDEL - L&C UNIT
ROOM 161A BUILDING 12
STATE OFFICE CAMPUS
ALBANY NY 12226

New York State Department of Health Certificate of Asbestos Safety Training
 This form is the official record of successful completion of a New York State accredited asbestos safety training course.

Certificate No. **978553**

I--To be completed by Trainee

Name of Trainee (print) <i>Dylan Putnam</i>	NYS Depart. of Motor Vehicles ID (DMV ID) ¹ <i>572 488 805</i>	
Signature of Trainee <i>[Signature]</i>	Telephone Number <i>315-416-8032</i>	Date of Birth ¹ <i>07/14/1998</i>
Address <i>1309 Rowley Jerome Rd Fulvous, Ny 13063</i>		
(Street or PO Box)	(City)	(State) (Zip Code)

II--To be completed by Training Sponsor

Provider's Name <i>Atlantic Testing Laboratories, Ltd</i>	Telephone Number <i>315-386-4578</i>
Address <i>6471 U.S. Highway 11 Canton, New York</i>	Course <i>ATL 5, 6, 7, 8, 9, 10, 11, 12</i>
Zip Code <i>13617</i>	Location <i>6085 Court Street Road Syracuse, New York 13206</i>

Course Title: *Inspector* Initial Refresher NYS DOH use only
 DOH Equivalency²

Training Language: English Other: _____ Exam Grade/Date: *100/4/15/25*

Dates of Training: From: *04/15/25* To: *04/15/25* Expires: *04/15/26*

I certify that the asbestos safety training course given on the above date complied with both 10 NYCRR Part 73 and TSCA Title II, was consistent with the curriculum and instructors approved by the New York State Department of Health, and the trainee receiving this certificate completed the training course and successfully passed the examination.

Training Director²: *Joseph D. Frabowski* *[Signature]*
 (Print) (Signature)

United States Environmental Protection Agency

This is to certify that



Dylan M Putnam

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226 as:

Inspector

In the Jurisdiction of:

All EPA Administered Lead-based Paint Activities Program States, Tribes and Territories

This certification is valid from the date of issuance and expires August 15, 2026

LBP-I-I250160-1

Certification #

August 01, 2023

Issued On



A handwritten signature in black ink that reads "Ben Conetta".

Ben Conetta, Chief

Chemicals and Multimedia Programs Branch


STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE



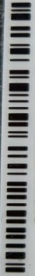
LEVI SMITH
CLASS(EXPIRES)
D INSP (09/26) C ATEC (09/26)
H PM (09/26)

CERT# 25-65H6L-SHAB
DMV# 924023765

MUST BE CARRIED ON ASBESTOS PROJECTS



IF FOUND, RETURN TO:
NYSOL - L&C UNIT
ROOM 161A BUILDING 12
STATE OFFICE CAMPUS
ALBANY NY 12226



01213 007782181 70

New York State Department of Health Certificate of Asbestos Safety Training
 This form is the official record of successful completion of a New York State accredited asbestos safety training course.

Certificate No. **980995**

I - To be completed by Trainee

Name of Trainee (print) <u>Leri Smith</u>	NYS Depart. of Motor Vehicles ID (DMV ID) ¹ <u>924 023 765</u>	
Signature of Trainee <u>[Signature]</u>	Telephone Number <u>484-553-9728</u>	Date of Birth ¹ <u>09-14-1993</u>
Address <u>4187 RT 549 Mansfield PA 16933</u>		
(Street or PO Box)	(City)	(State) (Zip Code)

II - To be completed by Training Sponsor

Provider's Name EAST Centers of NY	Telephone Number <u>585-435-1881</u>
Address <u>1555 Lyell Ave, Suite 122</u>	Course Location: <u>Same</u>
Zip Code <u>Rochester, NY 14606</u>	

Course Title: Inspector Initial Refresher NYS DOH use only DOH Equivalency²

Training Language: English Other: Exam Grade/Date: 96% 11/6/25

Dates of Training: From: 11/4/25 To: 11/6/25 Expires: 11/6/26

I certify that the asbestos safety training course given on the above date complied with both 10 NYCRR Part 73 and TSCA Title II, was consistent with the curriculum and instructors approved by the New York State Department of Health, and the trainee receiving this certificate completed the training course and successfully passed the examination.

Training Director²: Kevin Hurton (Print) [Signature] (Signature) **STUDENT**

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER



Expires 12:01 AM April 01, 2026
Issued April 01, 2025

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

*MS. KAROL H. LU
AMERICA SCIENCE TEAM NEW YORK, INC
117 EAST 30TH ST
NEW YORK, NY 10016*

NY Lab Id No: 11480

*is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved subcategories and/or analytes are listed below:*

Miscellaneous

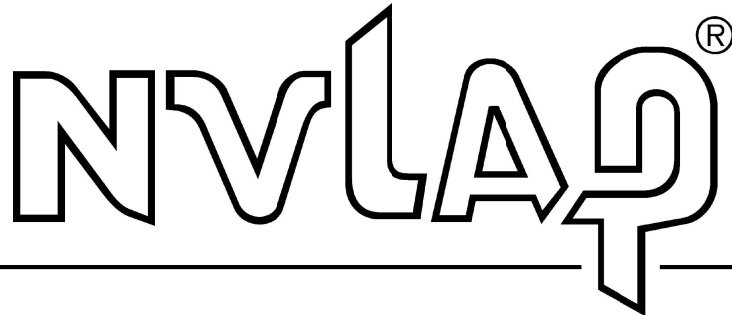
Asbestos in Friable Material	Item 198.1 of Manual EPA 600/M4/82/020
Asbestos in Non-Friable Material-PLM	Item 198.6 of Manual (NOB by PLM)
Asbestos in Non-Friable Material-TEM	Item 198.4 of Manual



Serial No.: 70488

Property of the New York State Department of Health. Certificates are valid only at the address shown and must be conspicuously posted by the laboratory. Continued accreditation depends on the laboratory's successful ongoing participation in the Program. Consumers may verify a laboratory's accreditation status online at <https://apps.health.ny.gov/pubdoh/applinks/wc/elappublicweb/>, by phone (518) 485-5570 or by email to elap@health.ny.gov.

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 200546-0

AmeriSci New York
New York, NY

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

Asbestos Fiber Analysis

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique on ISO/IEC 17025).*

2025-07-01 through 2026-06-30

Effective Dates



A handwritten signature in blue ink, appearing to read "R. K. Kueh".

For the National Voluntary Laboratory Accreditation Program

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER



Expires 12:01 AM April 01, 2026
Issued April 01, 2025

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

*MR. FRANK E. EHRENFELD III
EUROFINS BUILT ENVIRONMENT TESTING EAST
9000 COMMERCE PARKWAY SUITE B
MOUNT LAUREL, NJ 08054*

NY Lab Id No: 11021

*is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved subcategories and/or analytes are listed below:*

Characteristic Testing

TCLP EPA 1311

Miscellaneous

Asbestos in Friable Material Item 198.1 of Manual
EPA 600/M4/82/020
Asbestos in Non-Friable Material-PLM Item 198.6 of Manual (NOB by PLM)
Asbestos in Non-Friable Material-TEM Item 198.4 of Manual
Lead in Dust Wipes EPA 7000B
Lead in Paint EPA 7000B

Sample Preparation Methods

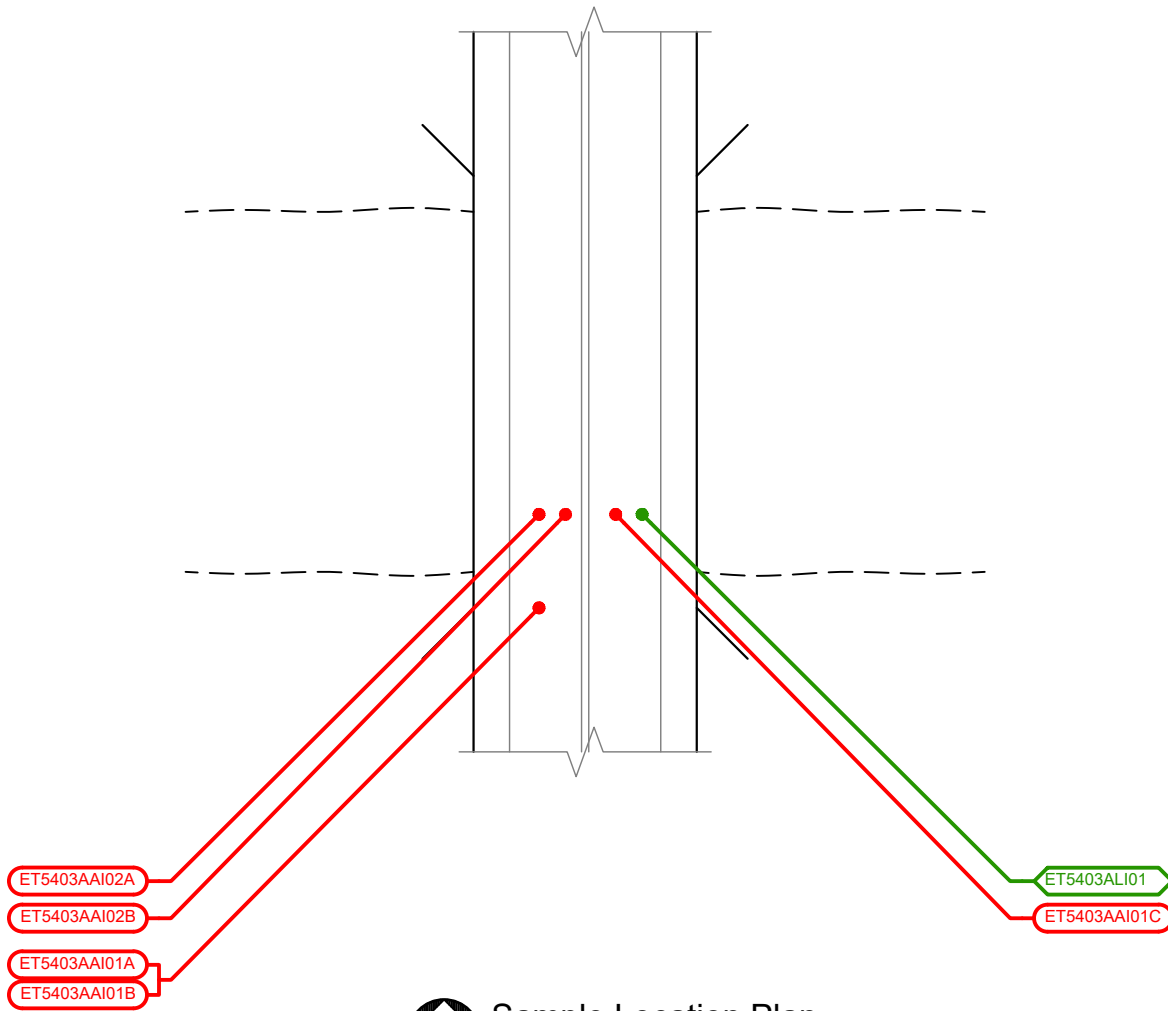
EPA 3050B



Serial No.: 70360

Property of the New York State Department of Health. Certificates are valid only at the address shown and must be conspicuously posted by the laboratory. Continued accreditation depends on the laboratory's successful ongoing participation in the Program. Consumers may verify a laboratory's accreditation status online at <https://apps.health.ny.gov/pubdoh/applinks/wc/elappublicweb/>, by phone (518) 485-5570 or by email to elap@health.ny.gov.

APPENDIX B
SAMPLE LOCATION PLAN



Sample Location Plan

Scale: NTS

LEGEND :

- ET5403AAI01A Suspect Asbestos Sample ID and Approximate Location
- ET5403ALI01 Suspect Lead-Based Paint Sample ID and Approximate Location

SAMPLE LOCATION PLAN	<i>Drawn By:</i> JDF	<i>Drawing:</i> <u>1 of 1</u>	<i>Scale:</i> As Noted	<i>Project No.:</i> ET5403A	<i>Date :</i> December 2025
<p>Chenango County Bridge Maintenance Phase 5 BIN 3350640 - Lyon Brook Road Over Lyon Brook Greene, New York</p>	ATLANTIC TESTING LABORATORIES, Limited <small>Albany, NY Binghamton, NY Buffalo, NY Canton, NY Elmira, NY Plattsburgh, NY Poughkeepsie, NY Rochester, NY Syracuse, NY Utica, NY Watertown, NY</small>				
www.AtlanticTesting.com					

APPENDIX C

LABORATORY REPORTS AND CUSTODY DOCUMENTATION



AmeriSci New York

117 EAST 30TH ST.
NEW YORK, NY 10016
TEL: (212) 679-8600 • FAX: (212) 679-3114

PLM Bulk Asbestos Report

Atlantic Testing Laboratories, Limited
Attn: Andrew Amell
6431 US Highway 11

Canton, NY 13617

Date Received 12/11/2025 **AmeriSci Job #** 225121820
Date Examined 12/16/25 **P.O. #**
ELAP # 11480 **Page** 1 of 2
RE: ET5403A; Bridge Structure - BIN 3350640; Oxford, New York

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
ET5403AAI01A 1 Location: Bridge Beam - Row 1: Light Gray Paint Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 11%	225121820-01	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Ordep A. Gonzalez on 12/16/25	1
ET5403AAI01B 1 Location: Bridge Beam - Row 1: Light Gray Paint Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 11%	225121820-02	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Ordep A. Gonzalez on 12/16/25	1
ET5403AAI01C 1 Location: Bridge Beam - Row 1: Light Gray Paint Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 63% Comment: 01C labeled as 02C.	225121820-03	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Ordep A. Gonzalez on 12/16/25	1
ET5403AAI02A 2 Location: Bridge South - Row 2: Black Gasket Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 73%	225121820-04	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Ordep A. Gonzalez on 12/16/25	1
ET5403AAI02B 2 Location: Bridge South - Row 2: Black Gasket Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 75%	225121820-05	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Ordep A. Gonzalez on 12/16/25	1

Client Name: Atlantic Testing Laboratories, Limited

PLM Bulk Asbestos Report

ET5403A; Bridge Structure - BIN 3350640; Oxford, New York

Reporting Notes:

(1) NAD results by NYS 198.6 are inconclusive and are not considered non-ACM

Analyzed by: Ordep A. Gonzalez



Reviewed by: Karol H. Lu



Date: 12/16/2025

*NAD/NSD =no asbestos detected; NA =not analyzed; NA/PS=not analyzed/positive stop, (SOF-V) = Sprayed On Fireproofing containing Vermiculite; (SM-V) = Surfacing Material containing Vermiculite; PLM Bulk Asbestos Analysis using Motic, Model BA310 Pol Scope, Microscope, Serial #: 1190000326, by Appd E to Subpt E, 40 CFR 763 quantified by either CVES or 400 pt ct as noted for each analysis (NVLAP 200546-0), ELAP PLM Method 198.1 for NY friable samples, which includes the identification and quantitation of vermiculite, or ELAP 198.6 for NOB samples, or EPA 400 pt ct by EPA 600-M4-82-020 (NY 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. RI Cert AAL-094, CT Cert PH-0186, Mass Cert AA000054, NJ Lab ID #NY031.

_____END OF REPORT_____

Client Name: Atlantic Testing Laboratories, Limited

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4

ET5403A; Bridge Structure - BIN 3350640; Oxford, New York

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	ET5403AAI01A	1	0.216	83.6	5.0	11.4	NAD	NAD
Location: Bridge Beam - Row 1: Light Gray Paint								
02	ET5403AAI01B	1	0.277	83.7	4.8	11.4	NAD	NAD
Location: Bridge Beam - Row 1: Light Gray Paint								
03	ET5403AAI01C	1	0.299	11.0	25.2	63.8	NAD	NAD
Location: Bridge Beam - Row 1: Light Gray Paint								
04	ET5403AAI02A	2	0.260	11.5	14.9	73.6	NAD	NAD
Location: Bridge South - Row 2: Black Gasket								
05	ET5403AAI02B	2	0.285	11.3	13.1	75.6	NAD	NAD
Location: Bridge South - Row 2: Black Gasket								

Analyzed by: Karol H. Lu
Date: 12/16/2025



Reviewed by: Karol H. Lu



**Quantitative Analysis (Semi/Full); Bulk Asbestos Analysis - PLM by Appd E to Subpt E, 40 CFR 763 or NYSDOH ELAP 198.1 for New York friable samples or NYSDOH ELAP 198.6 for New York NOB samples; TEM (Semi/Full) by EPA 600/R-93/116 (or NYSDOH ELAP 198.4; for New York samples). Analysis using Hitachi, Model H7000-Noran 7 System, Microscope, Serial #: 747-05-06. NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <1%; (SOF-V) = Sprayed On Fireproofing containing Vermiculite; (SM-V) = Surfacing Material containing Vermiculite; 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): NVLAP (PLM) 200546-0, NYSDOH ELAP Lab 11480, NJ Lab ID #NY031.

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 heterogenous materials).



ATLANTIC TESTING LABORATORIES

ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY RECORD

#225121820

Albany

Binghamton

Canton

Plattsburgh

Poughkeepsie

Rochester

Syracuse

Utica

Watertown

22 Corporate Drive
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3495 Winton Place
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labsRT@atlantictesting.com

6085 Court Street Road
Syracuse, NY 13206
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315-735-3309 (T)
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26581 NYS Route 283
Watertown, NY 13601
315-786-7887 (T)
315-786-2022 (F)
labsWT@atlantictesting.com

Project Number: ET5403A		Project Name: Bridge Structure - BIN 3350640		Project Location: Oxford, New York					
Project Manager: Andrew Amell		Email Results: labs ET @atlantictesting.com		Page Number: 1 of 1					
Turn Around Time:		<input type="checkbox"/> 12 hr	<input type="checkbox"/> 24 hr	<input type="checkbox"/> 48 hr	<input type="checkbox"/> 72 hr				
Special Instructions:		<input checked="" type="checkbox"/> Positive Stop Analysis		<input checked="" type="checkbox"/> If negative by PLM-NOB, analyze by TEM-NOB					
				<input type="checkbox"/> 5 day <input type="checkbox"/> Other:					
				<input type="checkbox"/> Other:					
Date	Sample Number	Sample Location	Sample Description	PLM	PLM-NOB	TEM-NOB	Laboratory Sample ID Number		
12/10/2025	ET5403AAI01A	Bridge Beam	Row 1: Light Gray Paint		X	X			
12/10/2025	ET5403AAI01B	Bridge Beam	Row 1: Light Gray Paint		X	X			
12/10/2025	ET5403AAI01C	Bridge Beam	Row 1: Light Gray Paint		X	X			
12/10/2025	ET5403AAI02A	Bridge South	Row 2: Black Gasket		X	X			
12/10/2025	ET5403AAI02B	Bridge South	Row 2: Black Gasket		X	X			
Sampler:			Laboratory:			Field and Laboratory Remarks:			
Name: Dylan Putnam		Date: 12/10/25		Name:				Date:	
Signature: [Signature]		Time: 1100		Signature:				Time:	
Samples Relinquished By:			Samples Received By:						
Name: Dylan Putnam		Date: 12/10/25		Name: Fed Ex				Date: 12/10/25	
Signature: [Signature]		Time: 1600		Signature:				Time: 1600	
Name:		Date:		Name: Makeda Howell		Date: 12/11/25			
Signature:		Time:		Signature: [Signature]		Time: 1057			

CERTIFICATE OF ANALYSIS

Client: Atlantic Testing Laboratories
6431 US Hwy 11
Canton NY 13617

Report Date: 12/16/2025
Report No.: 720146 - Lead Paint
Project: Bridge Structure-BIN 3350640
Project No.: ET5403A

Client: ATL622


LEAD PAINT SAMPLE ANALYSIS SUMMARY


Lab No.: 7885116
Client No.: ET5403ALI01

Description:
Location: Bridge Beam Row 1: Light Grey Paint

Result (% by Weight): <0.0059
Result (ppm): <59
Comments: ***

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 12/11/2025
Date Analyzed: 12/16/2025
Signature: 
Analyst: Chad Shaffer

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Atlantic Testing Laboratories
6431 US Hwy 11
Canton NY 13617

Client: ATL622

Report Date: 12/16/2025
Report No.: 720146 - Lead Paint
Project: Bridge Structure-BIN 3350640
Project No.: ET5403A

Appendix to Analytical Report:

Customer Contact: C Kelly

Method: ASTM D3335-85a, US EPA SW846 3050B:7000B

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com

iATL Office Manager: wchampion@iatl.com

iATL Account Representative: Semih Kocahasan

Sample Login Notes: See Batch Sheet Attached

Sample Matrix: Paint

Exceptions Noted: See Following Pages

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and in our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by ASTM D3335-85a by AAS

Certification:

- National Lead Laboratory Program (NLLAP): AIHA-LAP, LLC No. 100188

- NYSDOH-ELAP No. 11021

This report meets the standards set forth in the EPA's National Lead Laboratory Accreditation Program (NLLAP) through the Laboratory Quality System Requirements (LQSR) Revision 3.0 November 5, 2007. All Environmental Lead Proficiency Analytical Testing (ELPAT) is through the AIHA-PAT established program.

Regulatory limit is 0.5% lead by weight (EPA/HUD guidelines). Recommend multiple sampling for all samples less than regulatory limit for confirmation. All results are based on the samples as received at the lab. iATL assumes that appropriate sampling methods have been used and that the data upon which these results are based have been accurately supplied by the client.

Method Detection Limit (MDL) per EPA Method 40CFR Part 136 Appendix B.

Reporting Limit (RL) based upon Lowest Standard Determined (LSD) in accordance with AIHA-ELLAP policies.

LSD=0.2 ppm MDL=0.006% by weight. RL= 0.010% by weight (based upon 100 mg sampled).

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a complete list with highlighted disclaimers pertinent to this project. For a full explanation of these and other disclaimers, please inquire at customerservice@iatl.com.



Built Environment Testing

iATL

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Atlantic Testing Laboratories
6431 US Hwy 11
Canton NY 13617

Report Date: 12/16/2025
Report No.: 720146 - Lead Paint
Project: Bridge Structure-BIN 3350640
Project No.: ET5403A

Client: ATL622

- * Insufficient sample provided to perform QC reanalysis (<200 mg)
- ** Not enough sample provided to analyze (<50 mg)
- *** Matrix / substrate interference possible.

< less than sign, signifies none-detected below the empirical value based upon sub-sampled mass. This is often below the Reporting Limit (see above).



ATLANTIC TESTING LABORATORIES

LEAD CHAIN-OF-CUSTODY RECORD

Albany

22 Corporate Drive
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126 Park Avenue
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Canton

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Canton, NY 13617
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315-386-1012 (F)

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518-562-1321 (F)

Poughkeepsie

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845-691-6099 (F)

Rochester

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315-735-3309 (T)
315-735-0742 (F)

Watertown

26581 NYS Route 288
Watertown, NY 13601
815-786-7887 (T)
815-786-2022 (F)

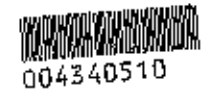
labsAT@atlantictesting.com labsET@atlantictesting.com labsCT@atlantictesting.com labsPL@atlantictesting.com labsPT@atlantictesting.com labsRT@atlantictesting.com labsST@atlantictesting.com labsUT@atlantictesting.com labsWT@atlantictesting.com

Project Number: ET5403A	Project Name: Bridge Structure - BIN 3350640	Project Location: Oxford, New York
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Project Manager: Andrew Amell	Email Results: <i>labsET</i> @atlantictesting.com	Page Number: 1 of 1
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Turn Around Time:	<input type="checkbox"/> 12 hr	<input type="checkbox"/> 24 hr	<input type="checkbox"/> 48 hr	<input type="checkbox"/> 72 hr	<input checked="" type="checkbox"/> 5 day	<input type="checkbox"/> Other:
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Date	Time	Sample Number	Sample Location	Sample Description	Total Lead	Other	Laboratory Sample ID Number
12/10/2025	10:44	ET5403ALI01	Bridge Beam	Row 1: Light Gray Paint 7885116	X		

Sampler:		Laboratory:		Field and Laboratory Remarks:			
Name: <i>Dylan Petrum</i>	Date: <i>12/10/25</i>	Name:	Date:				
Signature: <i>[Signature]</i>	Time: <i>1100</i>	Signature:	Time:				
Samples Relinquished By:		Samples Received By:					
Name: <i>Dylan Petrum</i>	Date: <i>12/10/25</i>	Name: <i>Fel Ex</i>	Date: <i>12/10/25</i>				
Signature: <i>[Signature]</i>	Time: <i>1600</i>	Signature:	Time: <i>1600</i>				
Name:	Date:	Name:	Date:				
Signature:	Time:	Signature:	Time:				

12/10/2025

DEC 11 2025

[Handwritten signature]

APPENDIX D
SUMMARY TABLES

KEY FOR SUMMARY TABLES

Acronyms as used in the tables:

CFT = Ceramic Floor Tile	NA = Not Applicable
CMU = Concrete Masonry Unit	NAD = No Asbestos Detected
CWT = Ceramic Wall Tile	ND = Not Detected above the laboratory method detection limit
EPDM = Ethylene Propylene Diene Monomer	
HVAC = Heating, Ventilation, and Air Conditioning	
TSI = Thermal System Insulation	

Abbreviations for Friable/ACM Type:

Y = Yes N = No M = Miscellaneous S = Surfacing T = Thermal System Insulation

Descriptions for Conditions:

The listed conditions of Good, Fair, and Poor generally correspond with the AHERA descriptions of Good, Damaged, and Significantly Damaged for different types of materials. The following summarizes additional details relative to the listed conditions.

Surfacing (Surf.) and Miscellaneous (Misc.) Materials

- Good: Material with no visible damage or deterioration, or showing only very limited damage or deterioration
- Fair: Material with characteristics of surface crumbling, blistered, water-stained, gouged, marred, or otherwise abraded over less than one tenth of the surface if the damage is evenly distributed or one quarter if the damage is localized.
- Poor: Material with one or more of the following characteristics:
 - Surface crumbling or blistering is present over at least one tenth of the surface, if the damage is evenly distributed or one quarter if the damage is localized.
 - One tenth (or one quarter, if localized) of material hanging from the surface, deteriorated, or showing adhesive failure.
 - Water stains, gouges, or mars over at least one tenth of the surface if the damage is evenly distributed or one quarter if the damage is localized.

Thermal System Insulation (TSI) Materials

- Good: Material with no visible damage or deterioration, or showing only very limited damage or deterioration
- Fair: Material with one or more of the following characteristics:
 - A few water stains or less than one tenth of insulation with missing jackets.
 - Crushed insulation or water stains, gouges, punctures, or mars on up to one tenth of the insulation if the damage is evenly distributed or up to one quarter if the damage is localized.
- Poor: Material with one or more of the following characteristics:
 - Missing jackets on at least one tenth of the piping or equipment.
 - Crushed or heavily gouged or punctured insulation on at least one tenth of the component (pipe runs/risers, boiler, tank, duct, etc.) if the damage is evenly distributed or one quarter if the damage is localized.

Notes:

¹ Sample Location Plan is enclosed in Appendix B.

² Quantities and locations are approximate and must be verified by others prior to scoping and/or engaging work activities that may affect these materials.

Table D-I
Summary of Suspect ACM and Analytical Results

Material	General Location^{1, 2}	Friable/ ACM Type	% Asbestos	Condition	Sample Numbers	Estimated Quantity²
Light Gray Paint	Bridge Girders	Y/M	NAD	Fair	ET5403AAI01A ET5403AAI01B ET5403AAI01C	NA
Black Bearing Pad	Bridge Beams at Abutments	N/M	NAD	Fair	ET5403AAI02A ET5403AAI02B	NA

Table D-II

Summary of Suspect Lead-Containing Material and Analytical Result

Surface Color / Material Description	General Location ^{1, 2}	Sample Numbers	Laboratory Results (mg/kg Lead)
Light Gray Paint	Bridge Girders	ET5403ALI01	ND

APPENDIX E
PHOTOGRAPHS

ATLANTIC TESTING LABORATORIES, Limited
ATL Report No. ET5403ACE-01-12-25



Photograph 1: View of light gray paint on bridge girders of subject bridge.



Photograph 2: View of back wall of subject bridge.



Photograph 3: View of subject bridge from the Northeast.



Photograph 4: View of subject bridge from the Southwest.