



August 16, 2018

Thomas Stratton  
ODOT District 11  
2201 Reiser Avenue,  
New Philadelphia, Ohio 44663  
(330) 339-6633

**Subject: Asbestos Survey of the CAR 00043 23470 Bridge (SFN #1000969/ PID 106764) State Route 43 & State Route 183 over Big Sandy Creek in Carroll County, Ohio (L&A 18-0272)**

Mr. Stratton

On July 17, 2018, Mr. Matt Geiger, Ohio Department of Health (ODH) Certified Asbestos Hazard Evaluation Specialist (AHES OH #35832) of Lawhon & Associates, Inc. (L&A) conducted an asbestos survey of the CAR 00043 23470 Bridge (SFN #1000969/ PID 106764) State Route 43 & State Route 183 over Big Sandy Creek in Carroll County, Ohio. The purpose of the survey was to determine the presence of asbestos-containing materials (ACM) located on the structure.

The survey consisted of an inspection of all accessible areas of the bridge to determine the presence, location and quantities of asbestos-containing materials. Bulk samples were collected from suspect materials that could potentially be impacted during demolition/renovation work activities. All sample locations were determined at random. L&A reviewed all available bridge plans for this bridge and no mention of ACM was noted.

### Suspect Materials

The materials suspected of being asbestos-containing identified during the survey are presented in Table 1 along with an indication of their friability. A bulk sample location diagram can be found in Appendix C.

**Table 1: Suspected Materials**

Material	Locations	Friability
Reflector Caulking	North and South Sides	Non-Friable
Blue Paint	Below Deck on Steel	Non-Friable
Road Tar	Road Surface	Non-Friable

### Sample Descriptions, Locations and Results

Sample descriptions, locations, and asbestos content as determined by Polarized Light Microscopy (PLM) are presented in Table 2.

**Table 2: Sample Descriptions, Locations and Results**

Sample #	Sample Description and Location	Asbestos %
1	Reflector Caulking – North Side, Middle	No Asbestos Detected
2	Reflector Caulking – North Side, East End	No Asbestos Detected
3	Reflector Caulking – South Side, Middle	No Asbestos Detected
4	Blue Paint – North Side, West End	No Asbestos Detected
5	Blue Paint – West End, Middle	No Asbestos Detected
6	Blue Paint – East End, North Side	No Asbestos Detected
7	Road Tar Patching – West End, North Side	No Asbestos Detected
8	Road Tar Patching – East End, North Side	No Asbestos Detected
9	Road Tar Patching – East End, South Side	No Asbestos Detected

**Materials Identified as Asbestos-Containing**

Under the current EPA/NESHAP regulations, materials that contain greater than 1% asbestos are considered to be an asbestos-containing material (ACM). None of the materials sampled were found to be Asbestos Containing Material as defined by U.S. EPA/NESHAP regulations.

**Attachments**

Appendix A contains the laboratory results and chain-of-custody documentation for the bulk asbestos samples collected.

Appendix B contains the Ohio Department of Health certifications for Mr. Matt Geiger.

Appendix C contains the Bulk Sample Location Diagram.

Appendix D contains the Ohio Environmental Protection Agency Notification of Demolition and Renovation.

**Summary**

On July 17, 2018, Mr. Matt Geiger, (AHES OH #35832) of L&A conducted an asbestos survey of the CAR 00043 23470 Bridge (SFN #1000969/ PID 106764) State Route 43 & State Route 183 over Big Sandy Creek in Carroll County, Ohio. The purpose of the survey was to determine the presence of asbestos-containing materials (ACM) located on the structure. No Asbestos Containing Materials (ACM) were identified in the course of the survey.

If you have any questions, please contact Chuck Wilson at (614) 481-8600.

Sincerely,



Matt Geiger  
Project Manager



Chuck Wilson  
Vice President

**APPENDIX A**  
**ASBESTOS RESULTS AND**  
**CHAIN OF CUSTODY INFORMATION**

CERTIFICATE OF ANALYSIS

Client: Lawhon & Associates Inc.  
1441 King Avenue  
Columbus OH 43212

Report Date: 7/30/2018  
Report No.: 568909 - PLM  
Project: CAR-00043-23470  
Project No.: 18-0272

Client: LAW411

PLM BULK SAMPLE ANALYSIS SUMMARY

<b>Lab No.:</b> 6564758	<b>Analyst Observation:</b> Tan Mastic	<b>Location:</b> Above Deck- North Side, Middle
<b>Client No.:</b> 1	<b>Client Description:</b> Reflector Caulking	<b>Facility:</b>
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100

<b>Lab No.:</b> 6564759	<b>Analyst Observation:</b> Tan Mastic	<b>Location:</b> Above Deck- North Side, East
<b>Client No.:</b> 2	<b>Client Description:</b> Reflector Caulking	Ent.
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<b>Facility:</b> <u>Percent Non-Fibrous Material:</u> 100

<b>Lab No.:</b> 6564760	<b>Analyst Observation:</b> Tan Mastic	<b>Location:</b> Above Deck- South Side, Middle
<b>Client No.:</b> 3	<b>Client Description:</b> Reflector Caulking	<b>Facility:</b>
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100

<b>Lab No.:</b> 6564761	<b>Analyst Observation:</b> Blue Paint	<b>Location:</b> Below Deck- North Side, West
<b>Client No.:</b> 4	<b>Client Description:</b> Blue Paint	End
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<b>Facility:</b> <u>Percent Non-Fibrous Material:</u> 100

<b>Lab No.:</b> 6564762	<b>Analyst Observation:</b> Blue Paint	<b>Location:</b> Below Deck- West End, Middle
<b>Client No.:</b> 5	<b>Client Description:</b> Blue Paint	<b>Facility:</b>
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100

<b>Lab No.:</b> 6564763	<b>Analyst Observation:</b> Blue Paint	<b>Location:</b> Below Deck- East End, North
<b>Client No.:</b> 6	<b>Client Description:</b> Blue Paint	Side
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<b>Facility:</b> <u>Percent Non-Fibrous Material:</u> 100

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

Date Received: 7/23/2018  
Date Analyzed: 07/30/2018  
Signature:   
Analyst: Brittney Crisera

Approved By:   
Frank E. Ehrenfeld, III  
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Lawhon & Associates Inc.  
1441 King Avenue  
Columbus OH 43212

Report Date: 7/30/2018  
Report No.: 568909 - PLM  
Project: CAR-00043-23470  
Project No.: 18-0272

Client: LAW411

PLM BULK SAMPLE ANALYSIS SUMMARY

**Lab No.:** 6564764  
**Client No.:** 7

**Analyst Observation:** Black Tar  
**Client Description:** Road Tar Patching

**Location:** Above Deck- West End, North Side  
**Facility:**

Percent Asbestos:  
*None Detected*

Percent Non-Asbestos Fibrous Material:  
None Detected

Percent Non-Fibrous Material:  
100

**Lab No.:** 6564765  
**Client No.:** 8

**Analyst Observation:** Black Tar  
**Client Description:** Road Tar Patching

**Location:** Above Deck- East End, North Side  
**Facility:**

Percent Asbestos:  
*None Detected*

Percent Non-Asbestos Fibrous Material:  
None Detected

Percent Non-Fibrous Material:  
100

**Lab No.:** 6564766  
**Client No.:** 9

**Analyst Observation:** Black Tar  
**Client Description:** Road Tar Patching

**Location:** Above Deck- East End, South Side  
**Facility:**

Percent Asbestos:  
*None Detected*

Percent Non-Asbestos Fibrous Material:  
None Detected

Percent Non-Fibrous Material:  
100

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

Date Received: 7/23/2018  
Date Analyzed: 07/30/2018  
Signature:   
Analyst: Brittney Crisera

Approved By:   
Frank E. Ehrenfeld, III  
Laboratory Director

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CERTIFICATE OF ANALYSIS

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Client: Lawhon & Associates Inc.  
1441 King Avenue  
Columbus OH 43212

Report Date: 7/30/2018  
Report No.: 568909 - PLM  
Project: CAR-00043-23470  
Project No.: 18-0272

Client: LAW411

## Appendix to Analytical Report

**Customer Contact:**

**Method:** US EPA 600, R93-116

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:** cdavis@iatl.com

**iATL Account Representative:** Shirley Clark

**Sample Login Notes:** See Batch Sheet Attached

**Sample Matrix:** Bulk Building Materials

**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](http://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 US EPA 600 93-116: Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).

### Certifications:

- NIST-NVLAP No. 101165-0
- NYSDOH-ELAP No. 11021
- AIHA-LAP, LLC No. 100188

Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. PC Trace represents a <0.25% amount. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing.

Analytical Methodology Alternatives: Your initial request for analysis may not have accounted for recent advances in regulatory requirements or advances in technology that are routinely used in similar situations for other qualified projects. You may have the option to explore additional analysis for further information. Below are a few options, listed as the matrix followed by the appropriate methodology. Also included are links to more information on our website.

Bulk Building Materials that are Non-Friable Organically Bound (NOB) by Gravimetric Reduction techniques employing PLM and TEM: ELAP 198.6 (PLM-NOB), ELAP 198.4 (TEM-NOB)

Loose Fill Vermiculite Insulation, Attic Insulation, Zonolite (copyright), etc.: US EPA 600 R-4/004 (multi-tiered analytical process)

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CERTIFICATE OF ANALYSIS

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1441 King Avenue  
Columbus OH 43212

Report Date: 7/30/2018  
Report No.: 568909 - PLM  
Project: CAR-00043-23470  
Project No.: 18-0272

Client: LAW411

Sprayed On Insulation/Fireproofing with Vermiculite (SOF-V): ELAP 198.8 (PLM-SOF-V)

Soil, sludge, sediment, aggregate, and like materials analyzed for asbestos or other elongated mineral particles (ex. erionite, etc.): ASTM D7521, CARB 435, and other options available

Asbestos in Surface Dust according to one of ASTM's Methods (very dependent on sampling collection technique – by TEM): ASTM D 5755, D5756, or D6480

Various other asbestos matrices (air, water, etc.) and analytical methods are available.

### 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 list with highlighted disclaimers that may be pertinent to this project. For a full explanation of these and other disclaimers, please inquire at [customerservice@iatl.com](mailto:customerservice@iatl.com).

- 1) Note: No mastic provided for analysis.
- 2) Note: Insufficient mastic provided for analysis.
- 3) Note: Insufficient material provided for analysis.
- 4) Note: Insufficient sample provided for QC reanalysis.
- 5) Note: Different material than indicated on Sample Log / Description.
- 6) Note: Sample not submitted.
- 7) Note: Attached to asbestos containing material.
- 8) Note: Received wet.
- 9) Note: Possible surface contamination.
- 10) Note: Not building material. 1% threshold may not apply.
- 11) Note: Recommend TEM-NOB analysis as per EPA recommendations.
- 12) Note: Asbestos detected but not quantifiable.
- 13) Note: Multiple identical samples submitted, only one analyzed.
- 14) Note: Analyzed by EPA 600/R-93/116. Point Counting detection limit at 0.080%.
- 15) Note: Analyzed by EPA 600/R-93/116. Point Counting detection limit at 0.125%.
- 16) Note: This sample contains >10% vermiculite mineral. See Appendix for Recommendations for Vermiculite Analysis.

### Recommendations for Vermiculite Analysis:

Several analytical protocols exist for the analysis of asbestos in vermiculite. These analytical approaches vary depending upon the nature of the vermiculite mineral being tested (e.g. un-processed gange, homogeneous exfoliated books of mica, or mixed mineral composites). Please contact your client representative for pricing and turnaround time options available.

iATL recommends initial testing using the EPA 600/R-93/116 method. This method is specifically designed for the analysis of asbestos in bulk building materials. It provides an acceptable starting point for primary screening of vermiculite for possible asbestos.

Results from this testing may be inconclusive. EPA suggests proceeding to a multi-tiered analysis involving wet separation techniques in conjunction with PLM and TEM gravimetric analysis (EPA 600/R-04/004).

For New York State customers, NYSDOH requires disclaimers and qualifiers for various vermiculite containing samples that direct analysis via ELAP198.6 and ELAP198.8 for samples that contain >10% vermiculite mineral where ELAP198.6 may be used to evaluate the asbestos content of the material. However, any test result using ELAP198.6 will be reported with the following disclaimer: "ELAP198.6 method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing >10% vermiculite."

Further information on this method and other vermiculite and asbestos issues can be found at the following: Agency for Toxic Substances and Disease Registry (ATSDR) [www.atsdr.cdc.gov](http://www.atsdr.cdc.gov), United States Geological Survey (USGS) [www.minerals.usgs.gov/minerals/](http://www.minerals.usgs.gov/minerals/), US EPA [www.epa.gov/asbestos](http://www.epa.gov/asbestos). The USEPA also has an informative brochure "Current Best Practices for Vermiculite Attic Insulation" EPA 747F03001 May 2003, that may assist the health and remediation professional.

The following is a summary of the analytical process outlines in the EPA 600/R-04/004 Method:

- 1) **Analytical Step/Method:** Initial Screening by PLM, EPA 600R-93/116  
**Requirements/Comments:** Minimum of 0.1 g of sample. ~0.25% LOQ for most samples.
- 2) **Analytical Step/Method:** Wet Separation by PLM Gravimetric Technique, EPA R-04/004  
**Requirements/Comments:** Minimum 50g\*\* of dry sample. Analysis of "Sinks" only.

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CERTIFICATE OF ANALYSIS

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Client: Lawhon & Associates Inc.  
1441 King Avenue  
Columbus OH 43212

Report Date: 7/30/2018  
Report No.: 568909 - PLM  
Project: CAR-00043-23470  
Project No.: 18-0272

Client: LAW411

3)**Analytical Step/Method:** Wet Separation by PLM Gravimetric Technique, EPA R-04/004  
**Requirements/Comments:** Minimum 50g\*\* of dry sample. Analysis of "Floats" only.

4)**Analytical Step/Method:** Wet Separation by TEM Gravimetric Technique, EPA R-04/004  
**Requirements/Comments:** Minimum 50g\*\* of dry sample. Analysis of "Sinks" only.

5)**Analytical Step/Method:** Wet Separation by TEM Gravimetric Technique, EPA R-04/004  
**Requirements/Comments:** Minimum 50g\*\* of dry sample. Analysis of "Suspension" only.

LOQ, Limit of Quantitation estimates for mass and volume analyses.

\*With advance notice and confirmation by the laboratory.

\*\*Approximately 1 Liter of sample in double-bagged container (~9x6 inch bag of sample).



**ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY RECORD**

Project Name: <u>CAR - 00043 - 23470</u>	Project No.: <u>18-0272</u>	Project Contact: <u>Matt Geiger</u>	Sampler (print): <u>_____</u>	Signature <u>M A Gurn</u>
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Sample I.D. No.	Homog. Area No.	Sample / Homogeneous Area Description	Sample Location	Remarks
<u>1</u>	<u>1</u>	<u>Reflector caulking</u>	<u>North side, Middle</u>	<u>Above Deck 6564758</u>
<u>2</u>	<u>1</u>	<u> </u>	<u>North side, East End</u>	<u>  6564759</u>
<u>3</u>	<u>1</u>	<u> </u>	<u>South side, middle</u>	<u>  6564760</u>
<u>4</u>	<u>2</u>	<u>Blue Paint</u>	<u>North side, West End</u>	<u>Below Deck 6564761</u>
<u>5</u>	<u>2</u>	<u> </u>	<u>West end, middle</u>	<u>  6564762</u>
<u>6</u>	<u>2</u>	<u> </u>	<u>East end, North side</u>	<u>  6564763</u>
<u>7</u>	<u>3</u>	<u>Road TAR Patching</u>	<u>West End, North side</u>	<u>Above Deck 6564764</u>
<u>8</u>	<u>3</u>	<u> </u>	<u>East End, North side</u>	<u>  6564765</u>
<u>9</u>	<u>3</u>	<u> </u>	<u>" " South side</u>	<u>  6564766</u>

**RECEIVED**  
 @ml07318  
 JUL 23 2018  
 IATL - By [Signature]

[Signature] @ dlc 7-30-18

SAMPLE ANALYSIS BY EPA METHOD 600/R-93/116 UNLESS OTHERWISE NOTED.  Stop 1st Positive  Analyze All Samples

Relinquished by: (signature) <u>M A Gurn</u>	Date / Time <u>7/20/18 1:03 pm</u>	Received by: (signature)	Date / Time	Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
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BC 7/30/18

**APPENDIX B**  
**OHIO DEPARTMENT OF HEALTH CERTIFICATION**

# The InService Training Network

## Asbestos Building Inspector and Management Planner Refresher Courses



### Matthew Geiger

has successfully completed the Asbestos Building Inspector and Management Planner Refresher Courses and passed by at least 70% the course examinations for accreditation under Section 206 of the Toxic Substance Control Act, Title II, and Indiana 326 IAC 18-2  
Provided by: The InService Training Network, Inc., 6813 Flags Center, Columbus, OH 43229 (614) 895-9323

**Course Dates:** August 16, 2017

**Examination Date:** August 16, 2017

**Course Director:**

  
Kurt Varga

**Course Location:** Columbus, Ohio

**Expiration Date:** August 16, 2018

**Certificate Numbers:** ITNIR-6198 & ITNMPR-6198



# OHIO DEPARTMENT OF HEALTH

246 North High Street  
Columbus, Ohio 43215

614/466-3543  
www.odh.ohio.gov

John R. Kasich/Governor

Lance Himes/Director of Health

August 24, 2017

Matthew A Geiger  
Lawhon & Associates, Inc  
1441 King Ave  
Columbus OH 43212

RE: Asbestos Hazard Evaluation Specialist  
Certification Number: ES35832  
Expiration Date: 10/14/2018

Dear Matthew A Geiger:

This letter and enclosed certification card approves your request to be certified as an Asbestos Hazard Evaluation Specialist. You must present your card upon request at any project site while performing duties. Copies of cards are not acceptable as proof of certification.

This certification may be revoked by the Director of Health for violation of any of the requirements of 3701-34 of the Ohio Administrative Code.

If you have any questions, please call Kathy Butcher, Licensure Specialist, at 614-644-0226.

Sincerely,

Bill Robbins, Section Chief  
Bureau of Licensure Operations  
Office of Health Assurance and Licensing





# The InService Training Network

## Asbestos Building Inspector Initial Course



### Joshua Rankin

has successfully completed the Asbestos Building Inspector Initial Course and passed by at least 70% the course examination for accreditation under Section 206 of the Toxic Substance Control Act, Title II, and Indiana 326 IAC 18-2  
Provided by: The InService Training Network, Inc., 6813 Flagg Center, Columbus, OH 43229 (614) 895-9323

**Course Dates:** February 26 - 28, 2018

**Examination Date:** February 28, 2018

**Course Director:**

  
Kurt Varga

**Course Location:** Columbus, Ohio

**Expiration Date:** February 28, 2019

**Certificate Number:** ITN-II-1903



# The InService Training Network

## Asbestos Management Planner Initial Course



### Joshua Rankin

has successfully completed the Asbestos Management Planner Initial Course and passed by at least 70%  
the course examination for accreditation under Section 206 of the Toxic Substance Control Act, Title II, and Indiana 326 18-2  
Provided by: The InService Training Network, Inc., 6813 Flags Center, Columbus, OH 43229 (614) 895-9323

**Course Dates:** March 1 - 2, 2018

**Examination Date:** March 2, 2018

**Course Director:** \_\_\_\_\_

Kurt Varga

**Course Location:** Columbus, Ohio

**Expiration Date:** March 2, 2019

**Certificate Number:** ITN-MI-1903



John R. Kasich, Governor  
Mary Taylor, Lt. Governor  
Craig W. Butler, Director

March 26, 2018

Joshua Rankin  
Lawhon & Associates, Inc  
1441 King Ave  
Columbus OH 43212

RE: Asbestos Hazard Evaluation Specialist  
Certification Number: ES36263  
Expiration Date: 03/26/2019

Dear Joshua Rankin:

This letter and enclosed certification card approves your request to be certified as an Asbestos Hazard Evaluation Specialist. You must present your card upon request at any project site while performing duties. Copies of cards are not acceptable as proof of certification.

This certification may be revoked by the Director of the Environmental Protection Agency for violation of any of the requirements of 3745-22 or 3745-20 of the Ohio Administrative Code.

If you have any questions, please call 614-644-0226.

Sincerely,

Mark Needham  
Manager, Asbestos Program  
Division of Air Pollution Control

State of Ohio  
Environmental Protection Agency  
Asbestos Program

Asbestos Hazard Evaluation Specialist



**Joshua Rankin**  
Lawhon & Associates, Inc  
1441 King Ave  
Columbus OH 43212

**Certification Number**  
ES36263

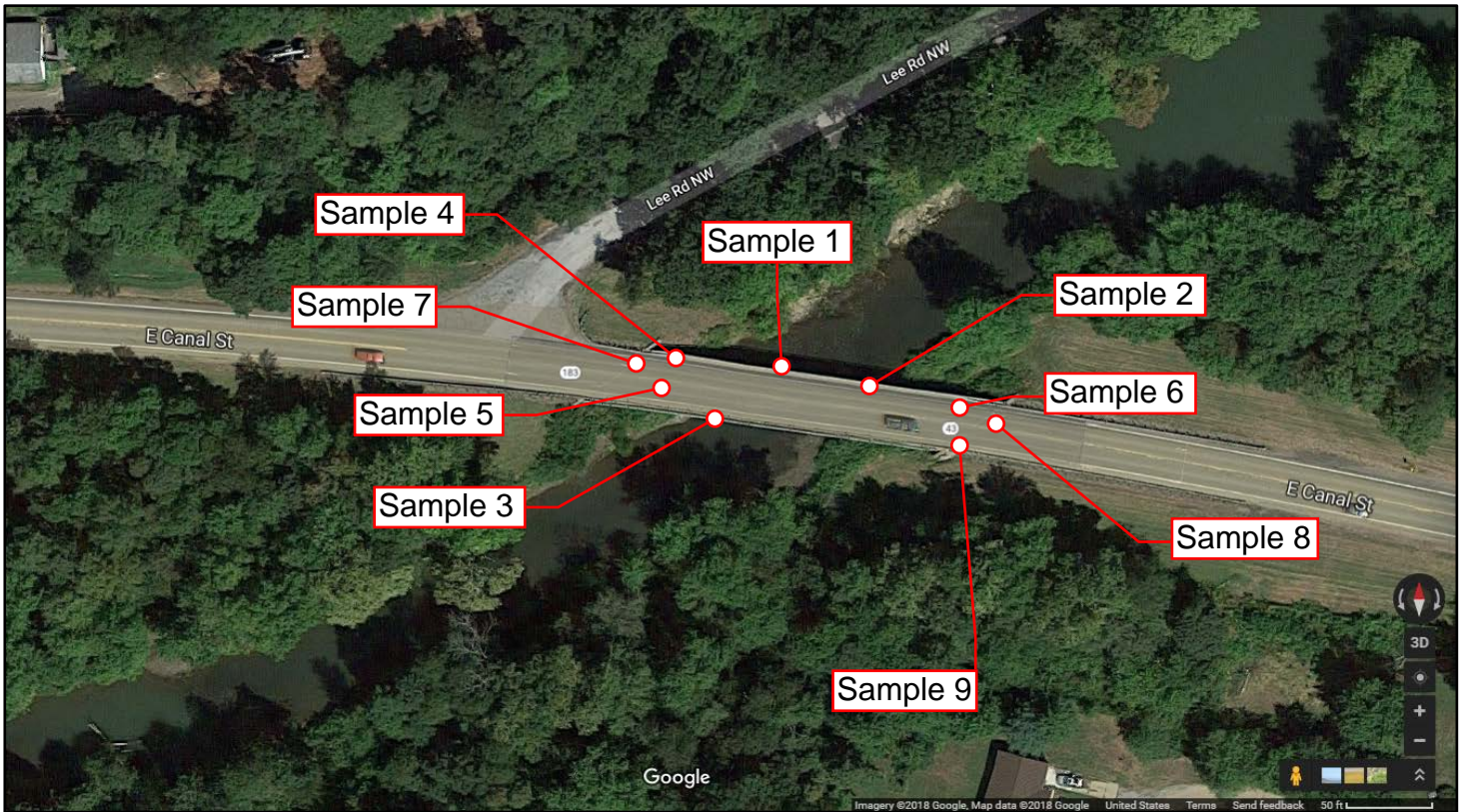
**Expiration Date**  
03/26/2019


DOB: 09/04/1992

This certification is issued pursuant to Revised Code Chapter 3710 and Administrative Code Chapter 3745-22. This card is not valid if altered.

**APPENDIX C**  
**BULK SAMPLE LOCATION DIAGRAM**







**Lawhon & Associates, Inc.**  
ENVIRONMENTAL CONSULTING AND ENGINEERING SERVICES

Columbus  
 Cleveland  
 Dayton

**Bulk Sample Diagram**

**Inventory Bridge Number:** CAR 00043 23470

**Structure File Number:** 1000969

**Date Sampled:** July 17, 2018

**Surveyors:** Matt Geiger, AHES 35832

**Signatures:** *Matt Geiger*

Page 1 of 1

1441 King Avenue | Columbus, Ohio 43212 | P: 614.481.8600 | F: 614.481.8610 | www.lawhon-assoc.com

**APPENDIX D**  
**OHIO ENVIRONMENTAL PROTECTION AGENCY**  
**NOTICE OF DEMOLITION AND RENOVATION**





# Notification of Demolition and Renovation/Abatement

## Section 1: General Information

Division of Air Pollution Control

Work on projects cannot begin until 10 working days after a COMPLETE original notification form, **including payment**, is submitted to Ohio EPA. Instructions and a worksheet for fee calculation are available at [epa.ohio.gov/asbestos](http://epa.ohio.gov/asbestos). This form can be completed, and payment made, at [ebiz.epa.ohio.gov](http://ebiz.epa.ohio.gov). Questions? [asbestos@epa.ohio.gov](mailto:asbestos@epa.ohio.gov) or (614) 466-0061.

Ohio EPA Use Only	Notification #:	Postmarked: / /	Received: / /	<input type="checkbox"/> Hand-Delivered
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### 1) Notification Information (Check all that apply)

<input checked="" type="checkbox"/> Original	<input type="checkbox"/> Revision # (count):	<input type="checkbox"/> Installation	<input type="checkbox"/> Emergency	<input type="checkbox"/> Annual	<input type="checkbox"/> Cancellation	County:
--	--	---------------------------------------	------------------------------------	---------------------------------	---------------------------------------	---------

### 2) Owner, Asbestos Abatement Contractor, Billing and Fire Department Information

Revised?

Owner					
Name: ODOT District 11					Is this a company? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Address: 2201 Reiser Avenue			Contact Person: Thomas Stratton		
City: New Philadelphia		State: Ohio		Zip: 44663 -	
Email: thomas.stratton@dot.ohio.gov		Phone: ( 330 ) 339 - 6633		Fax: ( ) -	
Asbestos Abatement Contractor (if applicable)					
Name:		License #: AC		Expiration Date: / /	
Address:			Contact Person:		
City:		State:		Zip: -	
Email:		Phone: ( ) -		Fax: ( ) -	
Billing Contact					
Is this contact associated with the <input type="checkbox"/> Owner, <input type="checkbox"/> Asbestos Abatement Contractor, or <input type="checkbox"/> Demolition Contractor (if not installation)?					
Address:			Contact Person:		
City:		State:		Zip: -	
Email:		Phone: ( ) -		Fax: ( ) -	
Fire Department (if applicable)					
Name:					
Address:			Contact Person:		
City:		State:		Zip: -	
Email:		Phone: ( ) -		Fax: ( ) -	

### 3) Ohio Asbestos Hazard Evaluation Specialist and Evaluation Procedure

Revised?

Evaluation Specialist: Matt Geiger	Certification #: ES 35832	Expiration Date: 10 / 14 / 2018
Procedure, including analytical methods, employed to detect the presence of and to estimate the quantity of regulated asbestos-containing material (RACM) and Category I and Category II non-friable asbestos-containing material: <input checked="" type="checkbox"/> PLM <input type="checkbox"/> Point Count <input type="checkbox"/> TEM <input type="checkbox"/> Other Method (Explain Below):		

### 4) Procedures to be followed should unexpected RACM be discovered (check all that apply)

Revised?

<input checked="" type="checkbox"/> Stop work and keep wet	<input checked="" type="checkbox"/> Evacuate area	<input checked="" type="checkbox"/> Demarcate area	<input checked="" type="checkbox"/> Contact licensed abatement contractor
<input checked="" type="checkbox"/> Contact district office/local air authority			
<input type="checkbox"/> Other (Explain):			

### 5) Planned Demolition (check all that apply)

Revised?

Describe demolition work to be performed and method(s) to be employed, including demolition techniques to be used: <input type="checkbox"/> Implosion <input type="checkbox"/> Fire Training <input type="checkbox"/> Wet Methods <input type="checkbox"/> Manual Demolition <input type="checkbox"/> Mechanical Demolition <input type="checkbox"/> Other (Explain):
Description of affected facility components (include attachment if necessary):

# Notification of Demolition and Renovation/Abatement

## Section 1: General Information

Continued

Mail completed form and payment to:  
Ohio EPA, DAPC – Asbestos  
50 W. Town St., 7<sup>th</sup> Floor or P.O. Box 1049  
Columbus, OH 43216-1049

### 6) Asbestos Description and Engineering Controls (if asbestos is being abated) Revised?

For the material listed in each project, describe the type(s) of ACM to be abated, engineering controls and work practices to be used to minimize emissions and ensure proper waste handling:

Type of ACM to be abated:	<input type="checkbox"/> Surfacing	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Other		
Engineering Controls:	<input type="checkbox"/> Wet Methods	<input type="checkbox"/> Glove Bag	<input type="checkbox"/> NPE	<input type="checkbox"/> AFD	<input type="checkbox"/> Other:
Work Practices:	<input type="checkbox"/> Intact Removal	<input type="checkbox"/> Manual	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Other:	

### 7) Asbestos Waste Transporter (if applicable) Revised?

Transporter #1 Name:

Address:		Contact Person:	
City:	State:	Zip:	-
Email:	Phone: ( ) -	Fax: ( ) -	

Transporter #2 Name (if applicable):

Address:		Contact Person:	
City:	State:	Zip:	-
Email:	Phone: ( ) -	Fax: ( ) -	

### 8) Asbestos Waste Disposal Site (if applicable) Revised?

Name:			
Address:		Contact Person:	
City:	State:	Zip:	-
Email:	Phone: ( ) -	Fax: ( ) -	

### 9) Emergency Demolition (complete if you checked "Emergency" above and "Demolition" for any project) Revised?

A copy of the issued order, including the following information, **must be attached** to this notification.

Government Official Issuing Order:	Title:
Agency:	Authority of Order (Citation of Code):
Date of Order: / /	Demolition Date: / /

### 10) Emergency Renovation/Abatement (complete if you checked "Emergency" above and "Renovation/Abatement" for any project) Revised?

Date of Emergency: / /	Time of Emergency: : <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.
Description of Sudden, Unexpected Event:	
Explanation of how the event caused unsafe conditions or equipment damage:	

### 11) Attestation Revised?

In accordance with Ohio Administrative Code rule 3745-20-03(A)(4)(p), I certify that at least one person trained as required by paragraph (B) of rule 3745-20-04 of the Administrative Code will supervise the stripping and removal described by this notification. I acknowledge that the submission of false or misleading statements is prohibited by law and I certify that facts contained in this notification are true, accurate, and complete.

Signature:	Date: / /
Name:	Title:
Organization:	



# Notification of Demolition and Renovation/Abatement

## Section 2: Project Address Specific Information

Division of Air Pollution Control

Please complete Section 2 for the address included with this notification. If the project is an "Installation" per OAC 3745-20, complete a separate Section 2 page for each address associated with this notification.

Ohio EPA Use Only	Project ID #: _____
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**A. Facility Description** Revised?

Building Name (if applicable): CAR 00043 23470		Site Location (specific): 0.75 Mi. N Of Jct. Sr183	
Address: 40°41'28.54"N 81°10'34.12"W		County: Carroll	
City: Malvern	State: OH	Zip: 45414 -	
Building Size (square feet):	No. of Floors:	Age: 47	
Present Use: Bridge		Prior Use:	

**B. Type of Operation (check all that apply)** Revised?

<input type="checkbox"/> Demolition	<input checked="" type="checkbox"/> Renovation/Abatement – Type: <input type="checkbox"/> Removal <input checked="" type="checkbox"/> Repair <input type="checkbox"/> Encapsulation <input type="checkbox"/> Enclosure
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**C. Asbestos Present (check one)** Revised?

<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> No, previously abated	Year Abated: _____
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**D. Approximate Amount of Asbestos-Containing Materials (complete table below and Section 1 #6 if asbestos is present)** Revised?

	Material to be Removed				Material NOT to be Removed	
	RACM	Non-friable Asbestos-Containing Material		Non-friable Asbestos-Containing Material		
		Category I	Category II	Category I	Category II	
Pipes (linear feet)						
Surface area on other facility components (ft <sup>2</sup> )						
Volume if length or area cannot be measured (ft <sup>3</sup> )						

**E. Asbestos Abatement Schedule and Abatement Specialist (original notification is required 10 working days prior to the start of work)** Revised?

Setup Date: / /			Abatement Date: / /			Complete Date: / /	
(Shift 1) Time start/end on site	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Abatement Specialist Name:				Certification #: AS		Expiration Date: / /	
(Shift 1) Time start/end on site	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Abatement Specialist Name:				Certification #: AS		Expiration Date: / /	

**F. Demolition Contractor (if applicable)** Revised?

Name:		
Address:		Contact Person:
City:	State:	Zip: -
Email:	Phone: ( ) -	Fax: ( ) -

**G. Demolition Schedule (original notification is required 10 working days prior to the start of work)** Revised?

Start Date: / /	Complete Date: / /
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**H. Project Hold** Revised?

Hold Begin Date: / /	Work Resume Date: / /
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