



Lawhon & Associates, Inc.

ENVIRONMENTAL CONSULTING AND ENGINEERING SERVICES

Columbus

Cleveland

Dayton

April 25, 2023

Jonathan Carroll
Project Manager
Fishbeck
10856 Reed Hartman Highway, Suite 175
Cincinnati, Ohio 45242
(513) 247-8571 (Office)

Subject: Asbestos Inspection of MAR 00023 07860 L (SFN #5100577) US 23 Bridge over State Route 529 in Marion, Ohio 43302 (L&A 23-0122)

Mr. Jonathan Carroll:

On March 21, 2023, Mr. Matt Geiger, Ohio Environmental Protection Agency (OEPA) Certified Asbestos Hazard Evaluation Specialist (AHES OH #35832) of Lawhon & Associates, Inc (L&A) conducted an asbestos survey of MAR 00023 07860 L (SFN #5100577) US 23 Bridge over State Route 529 in Marion, Ohio 43302. 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. Energized electrical components, utility conduits, and materials encased in concrete were not sampled as part of this effort. A diagram of the bridge and asbestos bulk sampling locations can be found in Appendix B. There were no available bridge plans for review for this bridge.

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.

Table 1: Suspected Materials

Material	Locations	Friability
Parapet Expansion Joint	Above Deck	Non-Friable
Reflector Mastic	Above Deck	Non-Friable
Gray Rail Pad	Above Deck	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.



April 25, 2023

Jonathan Carroll
Project Manager
Fishbeck
10856 Reed Hartman Highway, Suite 175
Cincinnati, Ohio 45242
(513) 247-8571 (Office)

Subject: Asbestos Inspection of MAR 00023 07860 R (SFN #5100607) US 23 Bridge over State Route 529 in Marion, Ohio 43302 (L&A 23-0122)

Mr. Jonathan Carroll:

On March 21, 2023, Mr. Matt Geiger, Ohio Environmental Protection Agency (OEPA) Certified Asbestos Hazard Evaluation Specialist (AHES OH #35832) of Lawhon & Associates, Inc (L&A) conducted an asbestos survey of MAR 00023 07860 R (SFN #5100607) US 23 Bridge over State Route 529 in Marion, Ohio 43302. 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. Energized electrical components, utility conduits, and materials encased in concrete were not sampled as part of this effort. A diagram of the bridge and asbestos bulk sampling locations can be found in Appendix B. There were no available bridge plans for review for this bridge.

Suspect Materials

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Gray Rail Pad	Above Deck	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	Parapet Expansion Joint – West Side, North End	No Asbestos Detected
2	Parapet Expansion Joint – West Side, Middle	No Asbestos Detected
3	Parapet Expansion Joint – West Side, South End	No Asbestos Detected
4	Reflector Mastic – East Side, North End	No Asbestos Detected
5	Reflector Mastic – East Side, South End	No Asbestos Detected
6	Reflector Mastic – East Side, South End	No Asbestos Detected
7	Gray Rail Pad – West Side, North End	1.2% Chrysotile
8	Gray Rail Pad – West Side, Middle	1.4% Chrysotile
9	Gray Rail Pad – West Side, South End	1.4% Chrysotile

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). Therefore, three samples of the Rail Pad were found to be Asbestos Containing Material as defined by U.S. EPA/NESHAP regulations.

Any contractors disturbing this material must adhere to OSHA 29 CFR 1910 and 29 CFR 1926. The rail pad is located between the concrete parapet wall and the aluminum railing. This material is gray in color and encompasses a total of approximately 20 square feet on the East and West sides of the bridge. An Image depicting the material can be found in Figure 4 of Appendix B. This material is a Category II asbestos containing material, as defined by EPA, that would become friable if disturbed from renovation/ demolition activities.

Attachments

Appendix A contains the Ohio Environmental Protection Agency Certifications for Mr. Matt Geiger.

Appendix B contains the Bulk Sample Diagram.

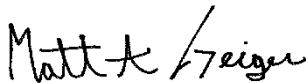
Appendix C contains the laboratory results and chain-of-custody documentation for the asbestos bulk samples collected.

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

Summary

On March 21, 2023, Mr. Matt Geiger, Ohio Environmental Protection Agency (OEPA) Certified Asbestos Hazard Evaluation Specialist (AHES OH #35832) of Lawhon & Associates, Inc (L&A) conducted an asbestos survey of MAR 00023 07860 R (SFN #5100607) US 23 Bridge over State Route 529 in Marion, Ohio 43302. The purpose of the survey was to determine the presence of asbestos-containing materials (ACM) located on the structure. Asbestos Containing Materials (ACM) were identified in the course of the survey. If you have any questions, please contact Matt Geiger at (614) 481-8600.

Sincerely,



Matt Geiger, AHES 35832
Project Manager



Chuck Wilson
Vice President

APPENDIX A
OHIO ENVIRONMENTAL PROTECTION AGENCY CERTIFICATIONS



Mike DeWine, Governor
Jon Husted, Lt. Governor
Laurie A. Stevenson, Director

10/12/2022

Matthew Geiger
Lawhon & Associates, Inc.
1441 King Avenue
Columbus, OH 43212

RE: Evaluation Specialist
Certification Number: ES35832
Expiration Date: 10/14/2023

Dear Matthew Geiger:

This letter and enclosed certification card approves your request to be certified as an asbestos 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 Ohio Environmental Protection Agency (EPA) for violation of any of the requirements of 3745-22 or 3745-20 of the Ohio Administrative Code.

If you have any questions, please contact the Asbestos Program at 614-644-0226 or by email at asbestoslicensing@epa.ohio.gov.

Sincerely,

Joshua S. Koch
Manager, Business Operations Support Section
Ohio EPA - Division of Air Pollution Control

50 West Town Street • S
epa.ohio.gov



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., 705D Lakeview Plaza Blvd, Worthington, OH 43085 (614) 436-0980

Course Dates: March 8, 2023

Examination Date: March 8, 2023

Course Instructor: 
Kurt Varga

Course Location: Columbus, Ohio

Expiration Date: March 8, 2024

Certificate Numbers: ITNIR7392 & ITNMPR7392

ITN

ITN

APPENDIX B
BULK SAMPLE DIAGRAM

Figure 1: Aerial View of Bridge

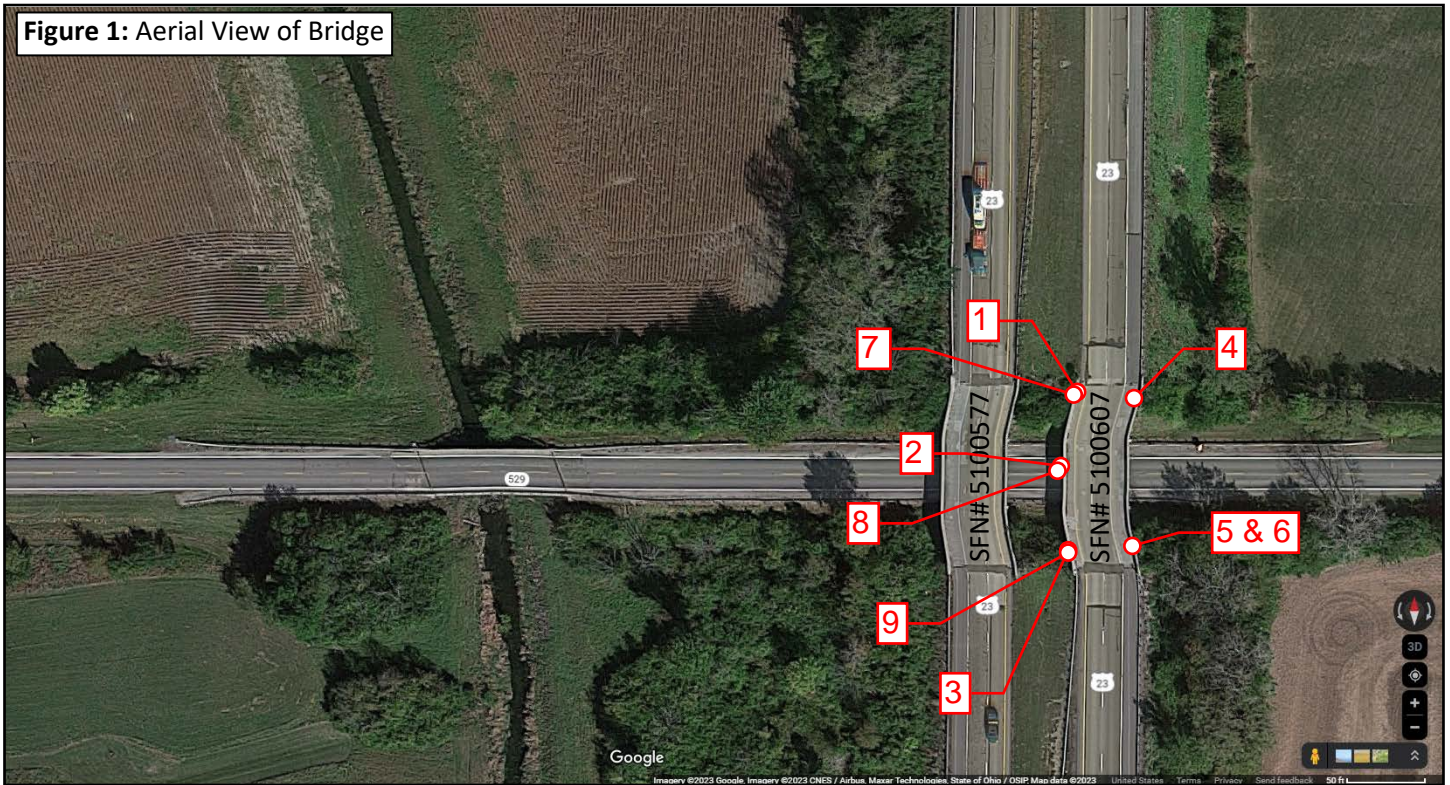


Figure 2: View of Parapet Expansion Joint

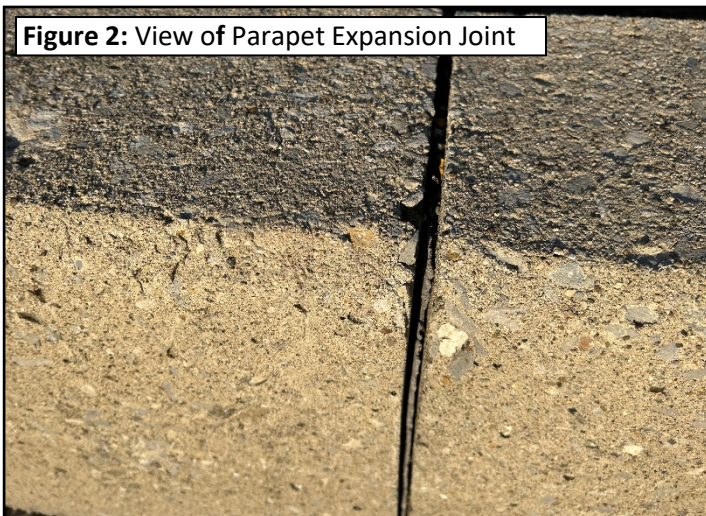


Figure 3: View of Reflector Mastic



Figure 4: View of Gray Rail Pad





Lawhon & Associates, Inc.
ENVIRONMENTAL CONSULTING AND ENGINEERING SERVICES

Columbus
Cleveland
Dayton

Bulk Sample Diagram
Inventory Bridge Number: MAR 00023 07860 R
Structure File Number: 5100607
Date Sampled: March 21, 2023
Surveyors: Matt Geiger (AHES OH#35832)

Signature:


Page 1 of 2

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

Figure 5: View of Bridge



Figure 6: View of Abutment

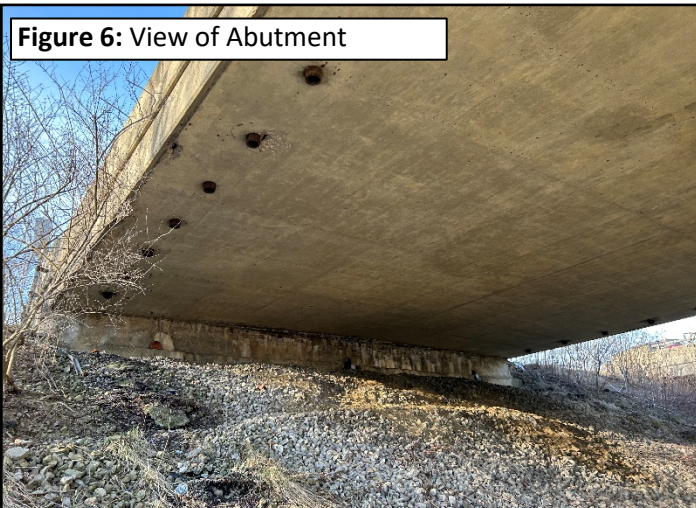


Figure 7: View Above Deck



Figure 8: View Below Deck



Lawhon & Associates, Inc.
ENVIRONMENTAL CONSULTING AND ENGINEERING SERVICES

Columbus
Cleveland
Dayton

Bulk Sample Diagram

Inventory Bridge Number: MAR 00023 07860 R

Structure File Number: 5100607

Date Sampled: March 21, 2023

Surveyors: Matt Geiger (AHES OH#35832)

Signature:

Matt Geiger

Page 2 of 2

APPENDIX C
LABORATORY RESULTS AND CHAIN OF CUSTODY



The Identification Specialists

Analysis Report
prepared for
Lawhon & Associates, Inc.

Report Date: 3/29/2023

Project Name: MAR 00023 07860 R

Project #: 23-0122 BACM

SanAir ID#: 23016252



NVLAP LAB CODE 600227-0

11709 Chesterdale Road | Cincinnati, Ohio 45246
888.895.1177 | 513.438.6006 | IAQ@SanAir.com | SanAir.com



SanAir ID Number

23016252

FINAL REPORT

3/29/2023 5:36:43 PM

Name: Lawhon & Associates, Inc.

Address: 1441 King Ave

Columbus, OH 43212

Phone: 614-481-8600 ext. 142

Project Number: 23-0122 BACM

P.O. Number:

Project Name: MAR 00023 07860 R

Collected Date: 3/21/2023

Received Date: 3/22/2023 10:00:00 AM

Dear Matt Geiger,

We at SanAir would like to thank you for the work you recently submitted. The 9 sample(s) were received on Wednesday, March 22, 2023 via UPS. The final report(s) is enclosed for the following sample(s): 1, 2, 3, 4, 5, 6, 7, 8, 9.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

A handwritten signature in black ink, appearing to read "Matt Daigneault", with a stylized flourish at the end.

Matthew Daigneault
Asbestos Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:

- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

Sample conditions:

- 9 samples in Good condition.



SanAir ID Number

23016252

FINAL REPORT

3/29/2023 5:36:43 PM

Name: Lawhon & Associates, Inc.**Address:** 1441 King Ave

Columbus, OH 43212

Phone: 614-481-8600 ext. 142**Project Number:** 23-0122 BACM**P.O. Number:****Project Name:** MAR 00023 07860 R**Collected Date:** 3/21/2023**Received Date:** 3/22/2023 10:00:00 AM

Analyst: Chandler, Caroline

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
1 / 23016252-001 Parapet Exp Joint, West Side, North End	Grey Non-Fibrous Homogeneous		100% Other	None Detected
2 / 23016252-002 Parapet Exp Joint, West Side, Middle	Grey Non-Fibrous Homogeneous		100% Other	None Detected
3 / 23016252-003 Parapet Exp Joint, West Side, South End	Grey Non-Fibrous Homogeneous		100% Other	None Detected
4 / 23016252-004 Reflector Mastic, East Side, North End	Tan Non-Fibrous Homogeneous		100% Other	None Detected
5 / 23016252-005 Reflector Mastic, East Side, South End	Tan Non-Fibrous Homogeneous		100% Other	None Detected
6 / 23016252-006 Reflector Mastic, East Side, South End	Tan Non-Fibrous Homogeneous		100% Other	None Detected
7 / 23016252-007 Rail Pad, West Side, North End	Grey Non-Fibrous Homogeneous		98% Other	2% Chrysotile
8 / 23016252-008 Rail Pad, West Side, Middle	Grey Non-Fibrous Homogeneous		98% Other	2% Chrysotile
9 / 23016252-009 Rail Pad, West Side, South End	Grey Non-Fibrous Homogeneous		98% Other	2% Chrysotile

Analyst:

Approved Signatory:

Analysis Date: 3/29/2023

Date: 3/29/2023

Disclaimer

The final report cannot be reproduced, except in full, without written authorization from SanAir. This report is the sole property of the client named on the SanAir Technologies Laboratory chain-of-custody (COC). Results in the report are confidential information intended only for the use by the client named on the COC. Neither results nor reports will be discussed with or released to any third party without our client's written permission to assure that parts of the report are not taken out of context and to maintain client confidentiality. The information provided in this report applies only to the samples submitted in the condition they were received at the laboratory and is relevant only for the date, time, and location of sampling. Samples were received in good condition unless otherwise noted on the report. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations. The accuracy of the results is dependent upon the client's sampling procedure and information provided to the laboratory by the client, which includes the project name, project number, po number, sample collection dates, special instructions, samples collected by, sample numbers, sample identifications/ location, sample type, selected analysis type, and total area or volume that may affect the validity of the results. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample and information provided by the client. SanAir assumes no responsibility or liability for the manner in which results are used or interpreted. This report does not constitute and shall not be used to claim product certification, approval, or endorsement by NVLAP, NIST, AIHA LAP, LLC or any other agency of the U.S. government. Samples are held for a period of 60 days.

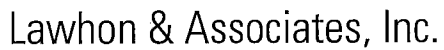
Polarized- light microscopy is not consistently reliable in detecting asbestos in floor covering and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Asbestos Accreditations, Licenses, or Certificates

NVLAP Lab Code 600227-0

State of Rhode Island Department of Health, Certification Number: PLM00144, TEM00144

State of West Virginia Bureau for Public Health, Analytical Laboratory Number: LT000637



1441 King Avenue
Columbus, OH 43212
Phone: (614) 481-8600
Fax: (614) 481-8610

Sent To: San AIR
VIA: UPS

2306252

No. 3621

Page 1 of 1

Date: 3/21/2023

Turn around:

5-da

Page 5 of 5

ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY RECORD

[illegible]



The Identification Specialists

Analysis Report
prepared for
Lawhon & Associates, Inc.

Report Date: 3/31/2023

Project Name: MAR 00023 07860 R

Project #: 23-0122 BACM

SanAir ID#: 23017824



NVLAP LAB CODE 600227-0

11709 Chesterdale Road | Cincinnati, Ohio 45246
888.895.1177 | 513.438.6006 | IAQ@SanAir.com | SanAir.com



SanAir ID Number

23017824

FINAL REPORT

3/31/2023 5:25:09 PM

Name: Lawhon & Associates, Inc.

Address: 1441 King Ave

Columbus, OH 43212

Phone: 614-481-8600 ext. 142

Project Number: 23-0122 BACM

P.O. Number:

Project Name: MAR 00023 07860 R

Collected Date: 3/21/2023

Received Date: 3/30/2023 8:30:00 AM

Dear Matt Geiger,

We at SanAir would like to thank you for the work you recently submitted. The 3 sample(s) were received on Thursday, March 30, 2023 via COC further analysis. The final report(s) is enclosed for the following sample(s): 7, 8, 9.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

A handwritten signature in black ink, appearing to read "Matt Daigneault", with a stylized flourish at the end.

Matthew Daigneault
Asbestos Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:

- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

Sample conditions:

- 3 samples in Good condition.



SanAir ID Number

23017824

FINAL REPORT

3/31/2023 5:25:09 PM

Name: Lawhon & Associates, Inc.

Address: 1441 King Ave

Columbus, OH 43212

Phone: 614-481-8600 ext. 142

Project Number: 23-0122 BACM

P.O. Number:

Project Name: MAR 00023 07860 R

Collected Date: 3/21/2023

Received Date: 3/30/2023 8:30:00 AM

Analyst: Chandler, Caroline

Asbestos Bulk EPA PLM NOB EPA 600/R-93/116

SanAir ID / Description	Appearance	% Fibrous	% Non Fibrous	Asbestos Types	% Total Asbestos
23017824-001 / 7 Rail Pad, West Side, North End	Grey Non-Fibrous Homogeneous		98.8 %	Chrysotile	1.2 %
23017824-002 / 8 Rail Pad, West Side, Middle	Grey Non-Fibrous Homogeneous		98.6 %	Chrysotile	1.4 %
23017824-003 / 9 Rail Pad, West Side, South End	Grey Non-Fibrous Homogeneous		98.6 %	Chrysotile	1.4 %

EPA 400 Point Count with Gravimetric Reduction.

Analyst:

Caroline Chandler

Approved Signatory:

Matthew J. #10

Analysis Date: 3/31/2023

Date: 3/31/2023

Disclaimer

The final report cannot be reproduced, except in full, without written authorization from SanAir. This report is the sole property of the client named on the SanAir Technologies Laboratory chain-of-custody. Results in the report are confidential information intended only for the use by the customer listed on the chain-of-custody and neither results nor the report will be discussed with or released to any third party without our client's written permission. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations. The accuracy of the results is dependent upon the client's sampling procedure and information provided to the laboratory by the client, which includes the project name, project number, po number, sample collection dates, special instructions, samples collected by, sample numbers, sample identifications/location, sample type, selected analysis type, flow rate, total volume or area, and start stop times that may affect the validity of the results in this report. SanAir assumes no responsibility for the sampling procedure or information provided by the client on the COC. Evaluation reports are based solely on the sample in the condition it was received and information provided by the client on the COC. The information provided in this report applies only to the samples submitted and is relevant only for the date, time, and exact location of sampling. Samples were received in good condition unless otherwise noted on the report. SanAir assumes no responsibility or liability in the manner in which results are used or interpreted. Samples are held for a period of 60 days.

This report does not constitute and shall not be used by the client to claim product, process, system, or person approval, certification, or endorsement by NVLAP, NELAC, AIHA LAP, LLC, NIST and/or any other agency of the U.S. government; *and may not be certified by every local, state and federal regulatory agencies.*

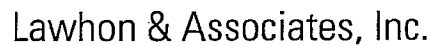
See www.sanair.com for copies of our accreditation certificates and scopes. Not all accreditations may cover the scope of testing performed in this final report.

Asbestos Accreditations, Licenses, or Certificates

NVLAP Lab Code 600227-0

State of Rhode Island Department of Health, Certification Number: PLM00144, TEM00144

State of West Virginia Bureau for Public Health, Analytical Laboratory Number: LT000637



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Phone: (614) 481-8600
Fax: (614) 481-8610

Sent To: San AIR

VIA: UPS

No. 3621

Page 1 of 1

Date: 3/21/2023

Turn around:

5-Jan

ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY RECORD

Project Name:		Project No.:		Project Contact:		Sampler (print):		Signature	
MAR 00023 07860 R		23-0122 BACM		Matt Griger					
Sample I.D. No.	Homog. Area No.	Sample / Homogeneous Area Description		Sample Location		Remarks			
1	1	Parapet Exp. Joint		West side, North End					
2	1	├		Middle					
3	1			South End					
4	2	Reflector mastic		East side, North End					
5	2	├		South End					
6	2			└					
7	3	gray Rail Pad		West side, North End					
8	3	├		Middle					
9	3			South End					
SAMPLE ANALYSIS BY EPA METHOD 600/R-93/116 UNLESS OTHERWISE NOTED.									
<div style="text-align: right;"><input type="checkbox"/> Stop 1st Positive <input checked="" type="checkbox"/> Analyze All Samples</div>									
Relinquished by: (signature)		Date / Time		Received by: (signature)		Date / Time		Relinquished by: (signature)	
		3/21/23 1700				3/22/23 10:00 am			

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. This form can be completed, and payment made, at ebiz.epa.ohio.gov. Questions? asbestos@epa.ohio.gov or (614) 466-0061.

Ohio EPA Use Only	Notification #:	Postmarked: / /	Received: / /	<input type="checkbox"/> Hand-Delivered
-------------------	-----------------	-----------------	---------------	---

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: Marion
--	--	---------------------------------------	------------------------------------	---------------------------------	---------------------------------------	----------------

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

Revised? ☐

Owner		
Name: ODOT District 06		Is this a company? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Address: 400 E. William Street		Contact Person: GARTNER, JANICE M
City: Delaware	State: Ohio	Zip: 43015
Email: Janice.Gartner@dot.ohio.gov	Phone: (740) 833-8000	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: 10/14/2023
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):	

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

Notification of Demolition and Renovation/Abatement

Section 1: General Information

Continued

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 #:

A. Facility Description

Revised? ☐

Building Name (if applicable): MAR 00023 07860 R		Site Location (specific): Over Sr529-0281	
Address: 40°32'57.58"N 83°04'27.42"W		County: Marion	
City: Marion	State: OH	Zip: 43302.-	
Building Size (square feet): 4,788	No. of Floors: 1	Age: 56	
Present Use: Bridge		Prior Use: Bridge	

B. Type of Operation (check all that apply)

Revised? ☐

<input checked="" type="checkbox"/> Demolition	<input type="checkbox"/> Renovation/Abatement – Type: <input type="checkbox"/> Removal <input type="checkbox"/> Repair <input type="checkbox"/> Encapsulation <input type="checkbox"/> Enclosure
--	--

C. Asbestos Present (check one)

Revised? ☐

<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> No, previously abated	Year Abated:
---	-----------------------------	--	--------------

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 ²)					20
Volume if length or area cannot be measured (ft ³)					

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: / /
-----------------	--------------------

H. Project Hold

Revised? ☐

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



Lawhon & Associates, Inc.

ENVIRONMENTAL CONSULTING AND ENGINEERING SERVICES

Columbus

Cleveland

Dayton

April 25, 2023

Jonathan Carroll
Project Manager
Fishbeck
10856 Reed Hartman Highway, Suite 175
Cincinnati, Ohio 45242
(513) 247-8571 (Office)

Subject: Asbestos Inspection of MAR 00023 10060 L (SFN #5100666) US 23 Bridge over State Route 95 in Marion, Ohio 43302 (L&A 23-0122)

Mr. Jonathan Carroll:

On March 21, 2023, Mr. Matt Geiger, Ohio Environmental Protection Agency (OEPA) Certified Asbestos Hazard Evaluation Specialist (AHES OH #35832) of Lawhon & Associates, Inc (L&A) conducted an asbestos survey of MAR 00023 10060 L (SFN #5100666) US 23 Bridge over State Route 95 in Marion, Ohio 43302. 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. Energized electrical components, utility conduits, and materials encased in concrete were not sampled as part of this effort. A diagram of the bridge and asbestos bulk sampling locations can be found in Appendix B. There were no available bridge plans for review for this bridge.

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.

Table 1: Suspected Materials

Material	Locations	Friability
Column Expansion Joint	Below Deck	Non-Friable
Bridge Deck to Abutment Expansion Joint	Below Deck	Non-Friable
Parapet Expansion Joint	Above Deck	Non-Friable
Cementitious Sealant (Tan)	Above Deck	Non-Friable
Residual Gray Rail Pad	Above Deck	Non-Friable
Paint on Concrete	Above & Below Deck	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	Column Expansion Joint – North End, Middle	No Asbestos Detected
2	Column Expansion Joint – North End, Middle	No Asbestos Detected
3	Column Expansion Joint – North End, Middle	No Asbestos Detected
4	Bridge Deck to Abutment Expansion Joint – North End, East Side	No Asbestos Detected
5	Bridge Deck to Abutment Expansion Joint – North End, Middle	No Asbestos Detected
6	Bridge Deck to Abutment Expansion Joint – North End, West Side	No Asbestos Detected
7	Parapet Expansion Joint – East Side, North End	No Asbestos Detected
8	Parapet Expansion Joint – East Side, Middle	No Asbestos Detected
9	Parapet Expansion Joint – East Side, South End	No Asbestos Detected
10	Cementitious Sealant (Tan) – East Side, North End	No Asbestos Detected
11	Cementitious Sealant (Tan) – East Side, Middle	No Asbestos Detected
12	Cementitious Sealant (Tan) – West Side, North End	No Asbestos Detected
13	Residual Gray Rail Pad – East Side, North End	1.6% Chrysotile
14	Residual Gray Rail Pad – East Side, Middle	1.8% Chrysotile
15	Residual Gray Rail Pad – East Side, South End	1.6% Chrysotile
16	Paint on Concrete – Below Deck, East Side, South End	No Asbestos Detected
17	Paint on Concrete – Below Deck. East Side, South End	No Asbestos Detected
18	Paint on Concrete – Above Deck. East Side, North End	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). Therefore, three samples of the Residual Rail Pad were found to be Asbestos Containing Material as defined by U.S. EPA/NESHAP regulations.

Any contractors disturbing this material must adhere to OSHA 29 CFR 1910 and 29 CFR 1926. The residual rail pad is located on the concrete parapet wall where the aluminum railing was previously installed. This material is gray in color and encompasses a total of approximately 5 square feet on the East and West sides of the bridge. An Image depicting the material can be found in Figure 7 of Appendix B. This material is a Category II asbestos containing material, as defined by EPA, that would become friable if disturbed from renovation/ demolition activities.

Attachments

Appendix A contains the Ohio Environmental Protection Agency Certifications for Mr. Matt Geiger.

Appendix B contains the Bulk Sample Diagram.

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

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

Summary

On March 21, 2023, Mr. Matt Geiger, Ohio Environmental Protection Agency (OEPA) Certified Asbestos Hazard Evaluation Specialist (AHES OH #35832) of Lawhon & Associates, Inc (L&A) conducted an asbestos survey of MAR 00023 10060 L (SFN #5100666) US 23 Bridge over State Route 95 in Marion, Ohio 43302. The purpose of the survey was to determine the presence of asbestos-containing materials (ACM) located on the structure. Asbestos Containing Materials (ACM) were identified in the course of the survey. If you have any questions, please contact Matt Geiger at (614) 481-8600.

Sincerely,



Matt Geiger, AHES 35832
Project Manager



Chuck Wilson
Vice President

APPENDIX A
OHIO ENVIRONMENTAL PROTECTION AGENCY CERTIFICATIONS



Mike DeWine, Governor
Jon Husted, Lt. Governor
Laurie A. Stevenson, Director

10/12/2022

Matthew Geiger
Lawhon & Associates, Inc.
1441 King Avenue
Columbus, OH 43212

RE: Evaluation Specialist
Certification Number: ES35832
Expiration Date: 10/14/2023

Dear Matthew Geiger:

This letter and enclosed certification card approves your request to be certified as an asbestos 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 Ohio Environmental Protection Agency (EPA) for violation of any of the requirements of 3745-22 or 3745-20 of the Ohio Administrative Code.

If you have any questions, please contact the Asbestos Program at 614-644-0226 or by email at asbestoslicensing@epa.ohio.gov.

Sincerely,

Joshua S. Koch
Manager, Business Operations Support Section
Ohio EPA - Division of Air Pollution Control

50 West Town Street • S
epa.ohio.gov



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., 705D Lakeview Plaza Blvd, Worthington, OH 43085 (614) 436-0980

Course Dates: March 8, 2023

Examination Date: March 8, 2023

Course Instructor: 
Kurt Varga

Course Location: Columbus, Ohio

Expiration Date: March 8, 2024

Certificate Numbers: ITNIR7392 & ITNMPR7392

ITN

ITN

APPENDIX B
BULK SAMPLE DIAGRAM

Figure 1: Aerial View of Bridge

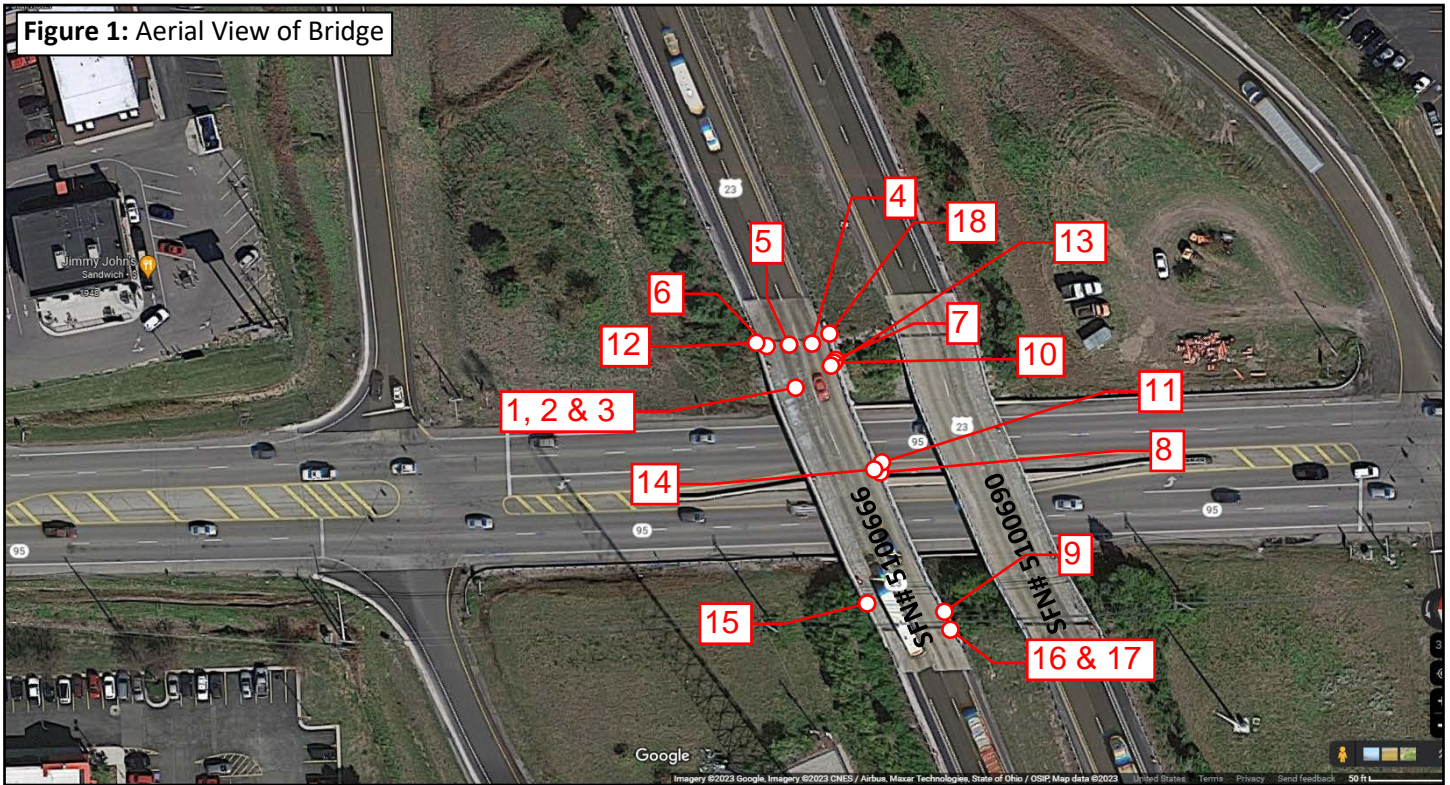


Figure 2: View of Column Expansion Joint

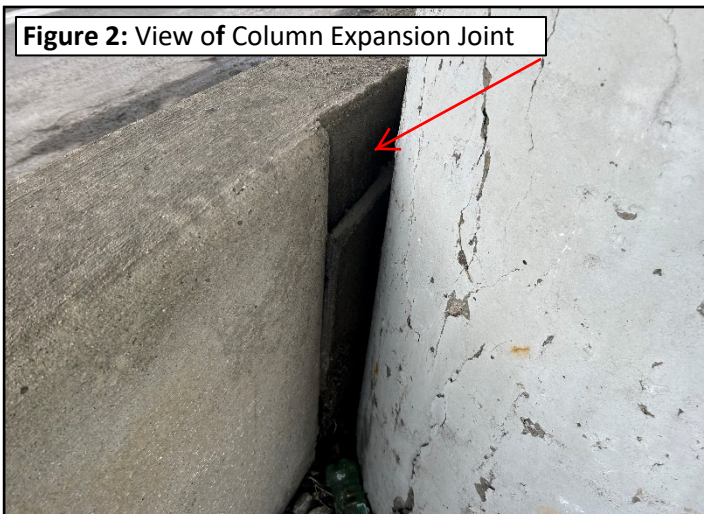


Figure 3: View of Bridge Deck to Abutment Joint

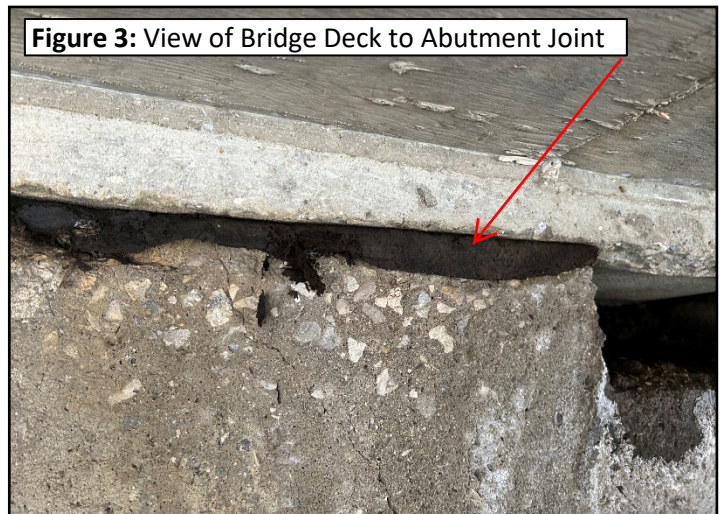
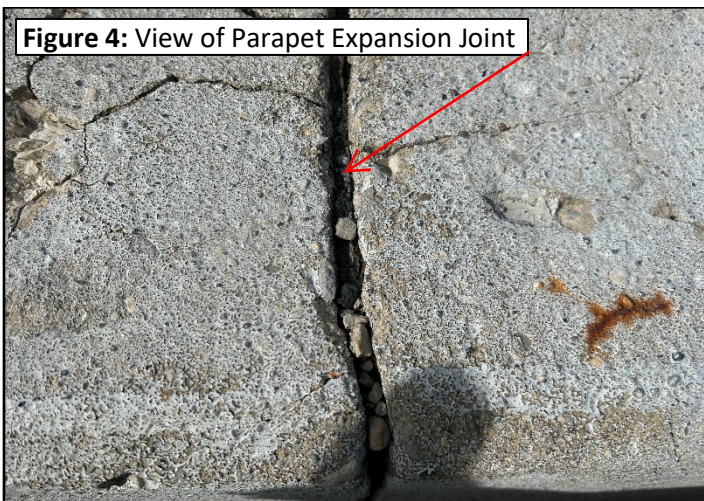


Figure 4: View of Parapet Expansion Joint




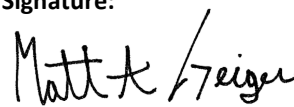
 Lawhon & Associates, Inc. ENVIRONMENTAL CONSULTING AND ENGINEERING SERVICES	Columbus Cleveland Dayton
	Bulk Sample Diagram Inventory Bridge Number: MAR 00023 10060 L Structure File Number: 5100666 Date Sampled: March 21, 2023 Surveyors: Matt Geiger (AHES OH#35832)
Signature: 	Page 1 of 2
1441 King Avenue Columbus, Ohio 43212 P: 614.481.8600 F: 614.481.8610 www.lawhon-assoc.com	

Figure 5: View of Bridge



Figure 6: View of Cementitious Sealant

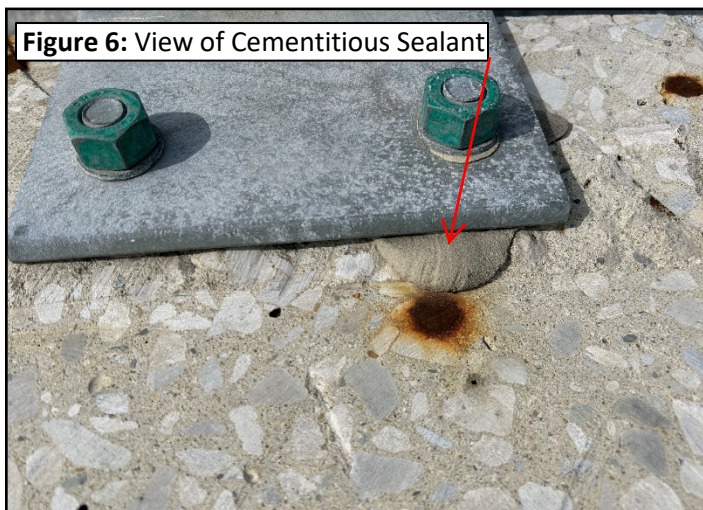


Figure 7: Residual Gray Rail Pad

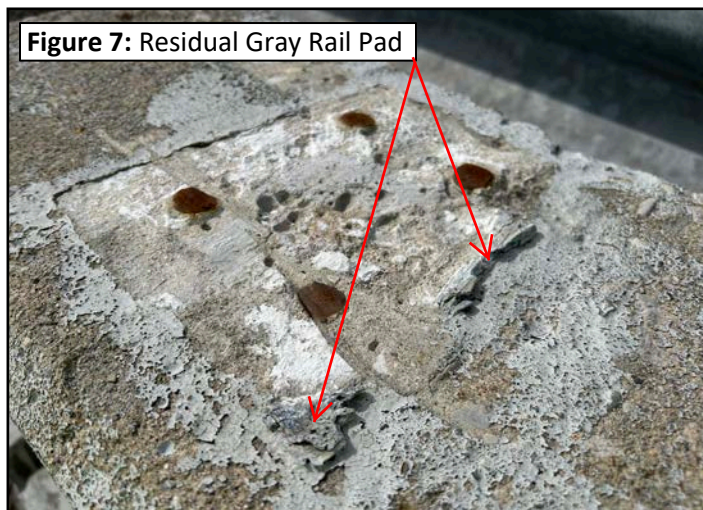


Figure 8: View Below Deck



Lawhon & Associates, Inc.
ENVIRONMENTAL CONSULTING AND ENGINEERING SERVICES

Columbus
Cleveland
Dayton

Bulk Sample Diagram

Inventory Bridge Number: MAR 00023 10060 L

Structure File Number: 5100666

Date Sampled: March 21, 2023

Surveyors: Matt Geiger (AHES OH#35832)

Signature:

Matt Geiger

Page 2 of 2

APPENDIX C
LABORATORY RESULTS AND CHAIN OF CUSTODY



The Identification Specialists

Analysis Report
prepared for
Lawhon & Associates, Inc.

Report Date: 3/29/2023

Project Name: MAR 00023 10060 L

Project #: 23-0122 BACM

SanAir ID#: 23016228



NVLAP LAB CODE 600227-0

11709 Chesterdale Road | Cincinnati, Ohio 45246
888.895.1177 | 513.438.6006 | IAQ@SanAir.com | SanAir.com



SanAir ID Number

23016228

FINAL REPORT

3/29/2023 5:24:23 PM

Name: Lawhon & Associates, Inc.

Address: 1441 King Ave

Columbus, OH 43212

Phone: 614-481-8600 ext. 142

Project Number: 23-0122 BACM

P.O. Number:

Project Name: MAR 00023 10060 L

Collected Date: 3/21/2023

Received Date: 3/22/2023 10:00:00 AM

Dear Matt Geiger,

We at SanAir would like to thank you for the work you recently submitted. The 18 sample(s) were received on Wednesday, March 22, 2023 via UPS. The final report(s) is enclosed for the following sample(s): 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

A handwritten signature in black ink, appearing to read "Matt Daigneault", with a stylized flourish at the end.

Matthew Daigneault
Asbestos Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:

- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

Sample conditions:

- 18 samples in Good condition.



SanAir ID Number

23016228

FINAL REPORT

3/29/2023 5:24:23 PM

Name: Lawhon & Associates, Inc.**Address:** 1441 King Ave

Columbus, OH 43212

Phone: 614-481-8600 ext. 142**Project Number:** 23-0122 BACM**P.O. Number:****Project Name:** MAR 00023 10060 L**Collected Date:** 3/21/2023**Received Date:** 3/22/2023 10:00:00 AM

Analyst: Chandler, Caroline

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
1 / 23016228-001 Column Exp Joint, North End, Middle	Brown Fibrous Homogeneous	50% Cellulose	50% Other	None Detected
2 / 23016228-002 Column Exp Joint, North End, Middle	Brown Fibrous Homogeneous	50% Cellulose	50% Other	None Detected
3 / 23016228-003 Column Exp Joint, North End, Middle	Brown Fibrous Homogeneous	50% Cellulose	50% Other	None Detected
4 / 23016228-004 Bridge Deck to Abutment Exp Jnt, North End, East Side	Brown Fibrous Homogeneous	60% Cellulose	40% Other	None Detected
5 / 23016228-005 Bridge Deck to Abutment Exp Jnt, North End, Middle	Brown Fibrous Homogeneous	60% Cellulose	40% Other	None Detected
6 / 23016228-006 Bridge Deck to Abutment Exp Jnt, North End, West Side	Brown Fibrous Homogeneous	60% Cellulose	40% Other	None Detected
7 / 23016228-007 Parapet Exp Joint, East Side, North End	Grey Non-Fibrous Homogeneous		100% Other	None Detected
8 / 23016228-008 Parapet Exp Joint, East Side, Middle	Grey Non-Fibrous Homogeneous		100% Other	None Detected
9 / 23016228-009 Parapet Exp Joint, East Side, South End	Grey Non-Fibrous Homogeneous		100% Other	None Detected
10 / 23016228-010 Cementitious Sealant, East Side, North End	Tan Non-Fibrous Homogeneous		100% Other	None Detected

Analyst: *Caroline Chandler*Approved Signatory: *Johnathan Wilson*

Analysis Date: 3/29/2023

Date: 3/29/2023



SanAir ID Number

23016228

FINAL REPORT

3/29/2023 5:24:23 PM

Name: Lawhon & Associates, Inc.**Address:** 1441 King Ave

Columbus, OH 43212

Phone: 614-481-8600 ext. 142**Project Number:** 23-0122 BACM**P.O. Number:****Project Name:** MAR 00023 10060 L**Collected Date:** 3/21/2023**Received Date:** 3/22/2023 10:00:00 AM

Analyst: Chandler, Caroline

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
11 / 23016228-011 Cementitious Sealant, East Side, Middle	Tan Non-Fibrous Homogeneous		100% Other	None Detected
12 / 23016228-012 Cementitious Sealant, West Side, North End	Tan Non-Fibrous Homogeneous		100% Other	None Detected
13 / 23016228-013 Residual Rail Pad, East Side, North End	Grey Non-Fibrous Homogeneous		98% Other	2% Chrysotile
14 / 23016228-014 Residual Rail Pad, East Side, Middle	Grey Non-Fibrous Homogeneous		98% Other	2% Chrysotile
15 / 23016228-015 Residual Rail Pad, West Side, South End	Grey Non-Fibrous Homogeneous		98% Other	2% Chrysotile
16 / 23016228-016 Paint on Concrete, East Side, South End	Grey Non-Fibrous Homogeneous	2% Wollastonite	98% Other	None Detected
17 / 23016228-017 Paint on Concrete, East Side, South End	Grey Non-Fibrous Homogeneous	2% Wollastonite	98% Other	None Detected
18 / 23016228-018 Paint on Concrete, East Side, North End	Grey Non-Fibrous Homogeneous	2% Wollastonite	98% Other	None Detected

Analyst: *Caroline Chandler*Approved Signatory: *Johnathan Wilson*

Analysis Date: 3/29/2023

Date: 3/29/2023

Disclaimer

The final report cannot be reproduced, except in full, without written authorization from SanAir. This report is the sole property of the client named on the SanAir Technologies Laboratory chain-of-custody (COC). Results in the report are confidential information intended only for the use by the client named on the COC. Neither results nor reports will be discussed with or released to any third party without our client's written permission to assure that parts of the report are not taken out of context and to maintain client confidentiality. The information provided in this report applies only to the samples submitted in the condition they were received at the laboratory and is relevant only for the date, time, and location of sampling. Samples were received in good condition unless otherwise noted on the report. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations. The accuracy of the results is dependent upon the client's sampling procedure and information provided to the laboratory by the client, which includes the project name, project number, po number, sample collection dates, special instructions, samples collected by, sample numbers, sample identifications/ location, sample type, selected analysis type, and total area or volume that may affect the validity of the results. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample and information provided by the client. SanAir assumes no responsibility or liability for the manner in which results are used or interpreted. This report does not constitute and shall not be used to claim product certification, approval, or endorsement by NVLAP, NIST, AIHA LAP, LLC or any other agency of the U.S. government. Samples are held for a period of 60 days.

Polarized- light microscopy is not consistently reliable in detecting asbestos in floor covering and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Asbestos Accreditations, Licenses, or Certificates

NVLAP Lab Code 600227-0

State of Rhode Island Department of Health, Certification Number: PLM00144, TEM00144

State of West Virginia Bureau for Public Health, Analytical Laboratory Number: LT000637

1441 King Avenue
Columbus, OH 43212
Phone: (614) 481-8600
Fax: (614) 481-8610

Sent To: San AIR 23016228
VIA: UPS No. 3619
Date: 3/21/2023 Page 1 of 1
Turn around: 5-day Page 6 of 6

ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY RECORD

Project Name: <u>MAR 00023 10060 L</u>		Project No.: <u>23-0122 BACM</u>		Project Contact: <u>Matt Grigen</u>		Sampler (print): <u>[Signature]</u>		Signature <u>[Signature]</u>	
Sample I.D. No.	Homog. Area No.	Sample / Homogeneous Area Description	Sample Location		Remarks				
1	1	Column Exp. Joint	North End, Middle		Below Deck				
2	1	├	├		├				
3	1								
4	2								
5	2	Bridge Deck to Abutment Exp. Jnt.	East Side		├				
6	2		Middle						
7	3		West Side						
8	3	Parapet Exp. Joint	East Side, North End		├				
9	3		Middle						
10	4		South End						
11	4	Cementitious Sealant (tain)	East side, North End		├				
12	4		Middle						
13	5		West side, North End						
14	5	Residual gray Rail pad	East side, North End		├				
15	5		Middle						
16	6		West side, South End						
17	6	Paint on Concrete	East side, South End		Below Deck				
18	6		├		├				
			├		North End				
SAMPLE ANALYSIS BY EPA METHOD 600/R-93/116 UNLESS OTHERWISE NOTED. <div style="float: right;"> <input type="checkbox"/> Stop 1st Positive <input checked="" type="checkbox"/> Analyze All Samples </div>									
Relinquished by: (signature) <u>[Signature]</u>		Date / Time <u>3/2/23 1700</u>		Received by: (signature) <u>RMB</u>		Date / Time <u>3/2/23 10:00 am</u>			



The Identification Specialists

Analysis Report
prepared for
Lawhon & Associates, Inc.

Report Date: 3/31/2023

Project Name: MAR 00023 10060 L

Project #: 23-0122 BACM

SanAir ID#: 23017823



NVLAP LAB CODE 600227-0

11709 Chesterdale Road | Cincinnati, Ohio 45246
888.895.1177 | 513.438.6006 | IAQ@SanAir.com | SanAir.com



SanAir ID Number

23017823

FINAL REPORT

3/31/2023 5:15:59 PM

Name: Lawhon & Associates, Inc.

Address: 1441 King Ave

Columbus, OH 43212

Phone: 614-481-8600 ext. 142

Project Number: 23-0122 BACM

P.O. Number:

Project Name: MAR 00023 10060 L

Collected Date: 3/21/2023

Received Date: 3/30/2023 8:30:00 AM

Dear Matt Geiger,

We at SanAir would like to thank you for the work you recently submitted. The 3 sample(s) were received on Thursday, March 30, 2023 via COC further analysis. The final report(s) is enclosed for the following sample(s): 13, 14, 15.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

A handwritten signature in black ink, appearing to read "Matt Daigneault", with a stylized flourish at the end.

Matthew Daigneault
Asbestos Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:

- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

Sample conditions:

- 3 samples in Good condition.



SanAir ID Number

23017823

FINAL REPORT

3/31/2023 5:15:59 PM

Name: Lawhon & Associates, Inc.

Address: 1441 King Ave

Columbus, OH 43212

Phone: 614-481-8600 ext. 142

Project Number: 23-0122 BACM

P.O. Number:

Project Name: MAR 00023 10060 L

Collected Date: 3/21/2023

Received Date: 3/30/2023 8:30:00 AM

Analyst: Chandler, Caroline

Asbestos Bulk EPA PLM NOB EPA 600/R-93/116

SanAir ID / Description	Appearance	% Fibrous	% Non Fibrous	Asbestos Types	% Total Asbestos
23017823-001 / 13 Residual Rail Pad, East Side, North End	Grey Non-Fibrous Homogeneous		98.4 %	Chrysotile	1.6 %
23017823-002 / 14 Residual Rail Pad, East Side, Middle	Grey Non-Fibrous Homogeneous		98.2 %	Chrysotile	1.8 %
23017823-003 / 15 Residual Rail Pad, West Side, South End	Grey Non-Fibrous Homogeneous		98.4 %	Chrysotile	1.6 %

EPA 400 Point Count with Gravimetric Reduction.

Analyst:

Caroline Chandler

Approved Signatory:

Matthew J. #10

Analysis Date: 3/31/2023

Date: 3/31/2023

Disclaimer

The final report cannot be reproduced, except in full, without written authorization from SanAir. This report is the sole property of the client named on the SanAir Technologies Laboratory chain-of-custody. Results in the report are confidential information intended only for the use by the customer listed on the chain-of-custody and neither results nor the report will be discussed with or released to any third party without our client's written permission. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations. The accuracy of the results is dependent upon the client's sampling procedure and information provided to the laboratory by the client, which includes the project name, project number, po number, sample collection dates, special instructions, samples collected by, sample numbers, sample identifications/location, sample type, selected analysis type, flow rate, total volume or area, and start stop times that may affect the validity of the results in this report. SanAir assumes no responsibility for the sampling procedure or information provided by the client on the COC. Evaluation reports are based solely on the sample in the condition it was received and information provided by the client on the COC. The information provided in this report applies only to the samples submitted and is relevant only for the date, time, and exact location of sampling. Samples were received in good condition unless otherwise noted on the report. SanAir assumes no responsibility or liability in the manner in which results are used or interpreted. Samples are held for a period of 60 days.

This report does not constitute and shall not be used by the client to claim product, process, system, or person approval, certification, or endorsement by NVLAP, NELAC, AIHA LAP, LLC, NIST and/or any other agency of the U.S. government; *and may not be certified by every local, state and federal regulatory agencies.*

See www.sanair.com for copies of our accreditation certificates and scopes. Not all accreditations may cover the scope of testing performed in this final report.

Asbestos Accreditations, Licenses, or Certificates

NVLAP Lab Code 600227-0

State of Rhode Island Department of Health, Certification Number: PLM00144, TEM00144

State of West Virginia Bureau for Public Health, Analytical Laboratory Number: LT000637



Lawhon & Associates, Inc.

1441 King Avenue
Columbus, OH 43212
Phone: (614) 481-8600
Fax: (614) 481-8610

Sent To: San AIR

VIA: UPS

Date: 3/21/2023

23017823

~~23016228~~

No. 3619

Page 1 of 1

Turn around:

5-day

Page 5 of 5

ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY RECORD

Project Name: <u>MAR 00023 10060 L</u>		Project No.: <u>23-0122 BACM</u>		Project Contact: <u>Matt Grigen</u>		Sampler (print): <u>[Signature]</u>		Signature <u>[Signature]</u>	
Sample I.D. No.	Homog. Area No.	Sample / Homogeneous Area Description	Sample Location		Remarks				
1	1	Column Exp. Joint	North End, Middle		Below Deck				
2	1	├	├		├				
3	1		├		├				
4	2		Bridge Deck to Abutment Exp. Jnt.		East Side				
5	2	├	├		Middle				
6	2		├		West Side				
7	3		Parapet Exp. Joint		East Side, North End				
8	3	├	├		Middle				
9	3		├		South End				
10	4		Cementitious Sealant (tan)		East Side, North End				
11	4	├	├		Middle				
12	4		├		West Side, North End				
13	5		Residual gray Rail Pad		East Side, North End				
14	5	├	├		Middle				
15	5		├		West Side, South End				
16	6		Paint on Concrete		East Side, South End				
17	6	├	├		Below Deck				
18	6		├		North End				
SAMPLE ANALYSIS BY EPA METHOD 600/R-93/116 UNLESS OTHERWISE NOTED.									
<input type="checkbox"/> Stop 1st Positive <input checked="" type="checkbox"/> Analyze All Samples									
Relinquished by: (signature) <u>[Signature]</u>		Date / Time <u>3/2/23 1700</u>		Received by: (signature) <u>[Signature]</u>		Date / Time <u>3/2/23 10:00 am</u>		Relinquished by: (signature) <u>[Signature]</u>	

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. This form can be completed, and payment made, at ebiz.epa.ohio.gov. Questions? asbestos@epa.ohio.gov or (614) 466-0061.

Ohio EPA Use Only	Notification #:	Postmarked: / /	Received: / /	<input type="checkbox"/> Hand-Delivered
-------------------	-----------------	-----------------	---------------	---

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: Marion
--	--	---------------------------------------	------------------------------------	---------------------------------	---------------------------------------	----------------

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

Revised? ☐

Owner		
Name: ODOT District 06		Is this a company? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Address: 400 E. William Street		Contact Person: GARTNER, JANICE M
City: Delaware	State: Ohio	Zip: 43015
Email: Janice.Gartner@dot.ohio.gov	Phone: (740) 833-8000	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: 10/14/2023
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):	

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

Notification of Demolition and Renovation/Abatement

Section 1: General Information

Continued

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 #:

A. Facility Description

Revised? ☐

Building Name (if applicable): MAR 00023 10060 L		Site Location (specific): Over 95 1789	
Address: 40°34'51.98"N 83°04'34.28"W		County: Marion	
City: Marion	State: OH	Zip: 43302.-	
Building Size (square feet): 7,909	No. of Floors: 1	Age: 55	
Present Use: Bridge		Prior Use: Bridge	

B. Type of Operation (check all that apply)

Revised? ☐

<input checked="" type="checkbox"/> Demolition	<input type="checkbox"/> Renovation/Abatement – Type: <input type="checkbox"/> Removal <input type="checkbox"/> Repair <input type="checkbox"/> Encapsulation <input type="checkbox"/> Enclosure
--	--

C. Asbestos Present (check one)

Revised? ☐

<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> No, previously abated	Year Abated:
---	-----------------------------	--	--------------

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 ²)					5
Volume if length or area cannot be measured (ft ³)					

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: / /
-----------------	--------------------

H. Project Hold

Revised? ☐

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



April 25, 2023

Jonathan Carroll
Project Manager
Fishbeck
10856 Reed Hartman Highway, Suite 175
Cincinnati, Ohio 45242
(513) 247-8571 (Office)

Subject: Asbestos Inspection of MAR 00023 10060 R (SFN #5100690) US 23 Bridge over State Route 95 in Marion, Ohio 43302 (L&A 23-0122)

Mr. Jonathan Carroll:

On March 21, 2023, Mr. Matt Geiger, Ohio Environmental Protection Agency (OEPA) Certified Asbestos Hazard Evaluation Specialist (AHES OH #35832) of Lawhon & Associates, Inc (L&A) conducted an asbestos survey of MAR 00023 10060 R (SFN #5100690) US 23 Bridge over State Route 95 in Marion, Ohio 43302. 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. Energized electrical components, utility conduits, and materials encased in concrete were not sampled as part of this effort. A diagram of the bridge and asbestos bulk sampling locations can be found in Appendix B. There were no available bridge plans for review for this bridge.

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.

Table 1: Suspected Materials

Material	Locations	Friability
Column Expansion Joint	Below Deck	Non-Friable
Bridge Deck to Abutment Expansion Joint	Below Deck	Non-Friable
Parapet Expansion Joint	Above Deck	Non-Friable
Cementitious Sealant (Tan)	Above Deck	Non-Friable
Residual Gray Rail Pad	Above Deck	Non-Friable
Paint on Concrete	Above & Below Deck	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	Column Expansion Joint – North End, Middle	No Asbestos Detected
2	Column Expansion Joint – North End, Middle	No Asbestos Detected
3	Column Expansion Joint – South End, Middle	No Asbestos Detected
4	Bridge Deck to Abutment Expansion Joint – North End, East Side	No Asbestos Detected
5	Bridge Deck to Abutment Expansion Joint – North End, Middle	No Asbestos Detected
6	Bridge Deck to Abutment Expansion Joint – South End, West Side	No Asbestos Detected
7	Parapet Expansion Joint – West Side, North End	No Asbestos Detected
8	Parapet Expansion Joint – West Side, Middle	No Asbestos Detected
9	Parapet Expansion Joint – West Side, South End	No Asbestos Detected
10	Cementitious Sealant (Tan) – West Side, North End	No Asbestos Detected
11	Cementitious Sealant (Tan) – West Side, Middle	No Asbestos Detected
12	Cementitious Sealant (Tan) – West Side, South End	No Asbestos Detected
13	Residual Gray Rail Pad – West Side, North End	1.1% Chrysotile
14	Residual Gray Rail Pad – West Side, Middle	1.1% Chrysotile
15	Residual Gray Rail Pad – East Side, North End	1.2% Chrysotile
16	Paint on Concrete – Above Deck, West Side, North End	No Asbestos Detected
17	Paint on Concrete – Above Deck, West Side, South End	No Asbestos Detected
18	Paint on Concrete – Below Deck, West Side, North End	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). Therefore, three samples of the Residual Rail Pad were found to be Asbestos Containing Material as defined by U.S. EPA/NESHAP regulations.

Any contractors disturbing this material must adhere to OSHA 29 CFR 1910 and 29 CFR 1926. The residual rail pad is located on the concrete parapet wall where the aluminum railing was previously installed. This material is gray in color and encompasses a total of approximately 5 square feet on the East and West sides of the bridge. An Image depicting the material can be found in Figure 7 of Appendix B. This material is a Category II asbestos containing material, as defined by EPA, that would become friable if disturbed from renovation/ demolition activities.

Attachments

Appendix A contains the Ohio Environmental Protection Agency Certifications for Mr. Matt Geiger.

Appendix B contains the Bulk Sample Diagram.

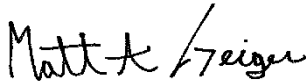
Appendix C contains the laboratory results and chain-of-custody documentation for the asbestos bulk samples collected.

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

Summary

On March 21, 2023, Mr. Matt Geiger, Ohio Environmental Protection Agency (OEPA) Certified Asbestos Hazard Evaluation Specialist (AHES OH #35832) of Lawhon & Associates, Inc (L&A) conducted an asbestos survey of MAR 00023 10060 R (SFN #5100690) US 23 Bridge over State Route 95 in Marion, Ohio 43302. The purpose of the survey was to determine the presence of asbestos-containing materials (ACM) located on the structure. Asbestos Containing Materials (ACM) were identified in the course of the survey. If you have any questions, please contact Matt Geiger at (614) 481-8600.

Sincerely,



Matt Geiger, AHES 35832
Project Manager



Chuck Wilson
Vice President

APPENDIX A
OHIO ENVIRONMENTAL PROTECTION AGENCY CERTIFICATIONS



Mike DeWine, Governor
Jon Husted, Lt. Governor
Laurie A. Stevenson, Director

10/12/2022

Matthew Geiger
Lawhon & Associates, Inc.
1441 King Avenue
Columbus, OH 43212

RE: Evaluation Specialist
Certification Number: ES35832
Expiration Date: 10/14/2023

Dear Matthew Geiger:

This letter and enclosed certification card approves your request to be certified as an asbestos 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 Ohio Environmental Protection Agency (EPA) for violation of any of the requirements of 3745-22 or 3745-20 of the Ohio Administrative Code.

If you have any questions, please contact the Asbestos Program at 614-644-0226 or by email at asbestoslicensing@epa.ohio.gov.

Sincerely,

Joshua S. Koch
Manager, Business Operations Support Section
Ohio EPA - Division of Air Pollution Control

50 West Town Street • S
epa.ohio.gov



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., 705D Lakeview Plaza Blvd, Worthington, OH 43085 (614) 436-0980

Course Dates: March 8, 2023

Examination Date: March 8, 2023

Course Instructor: 
Kurt Varga

Course Location: Columbus, Ohio

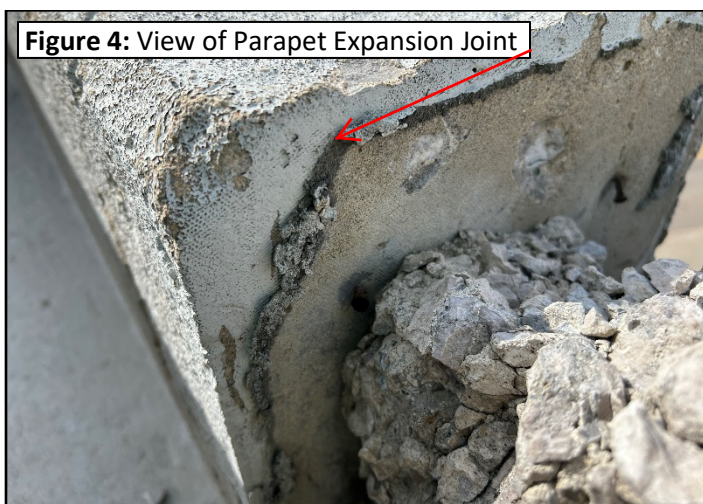
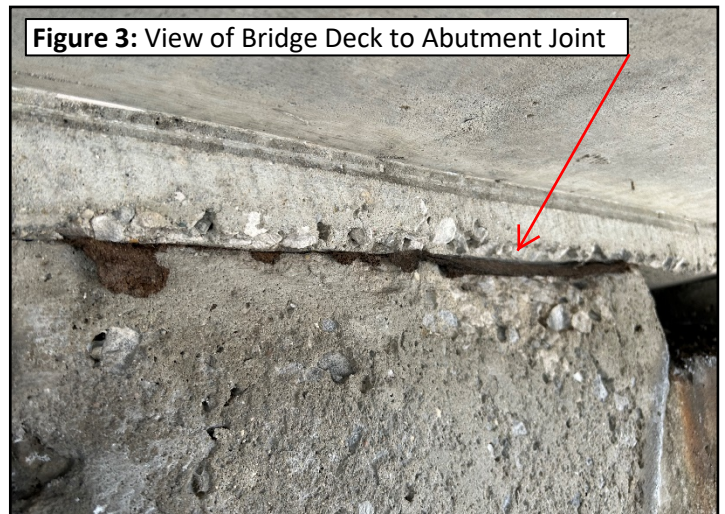
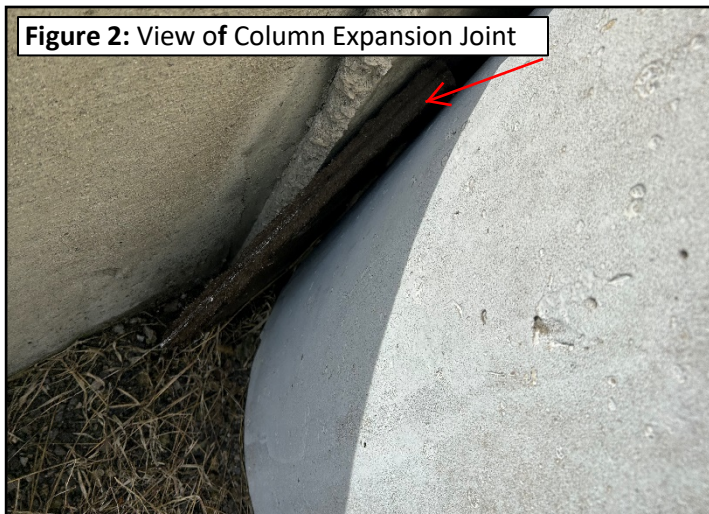
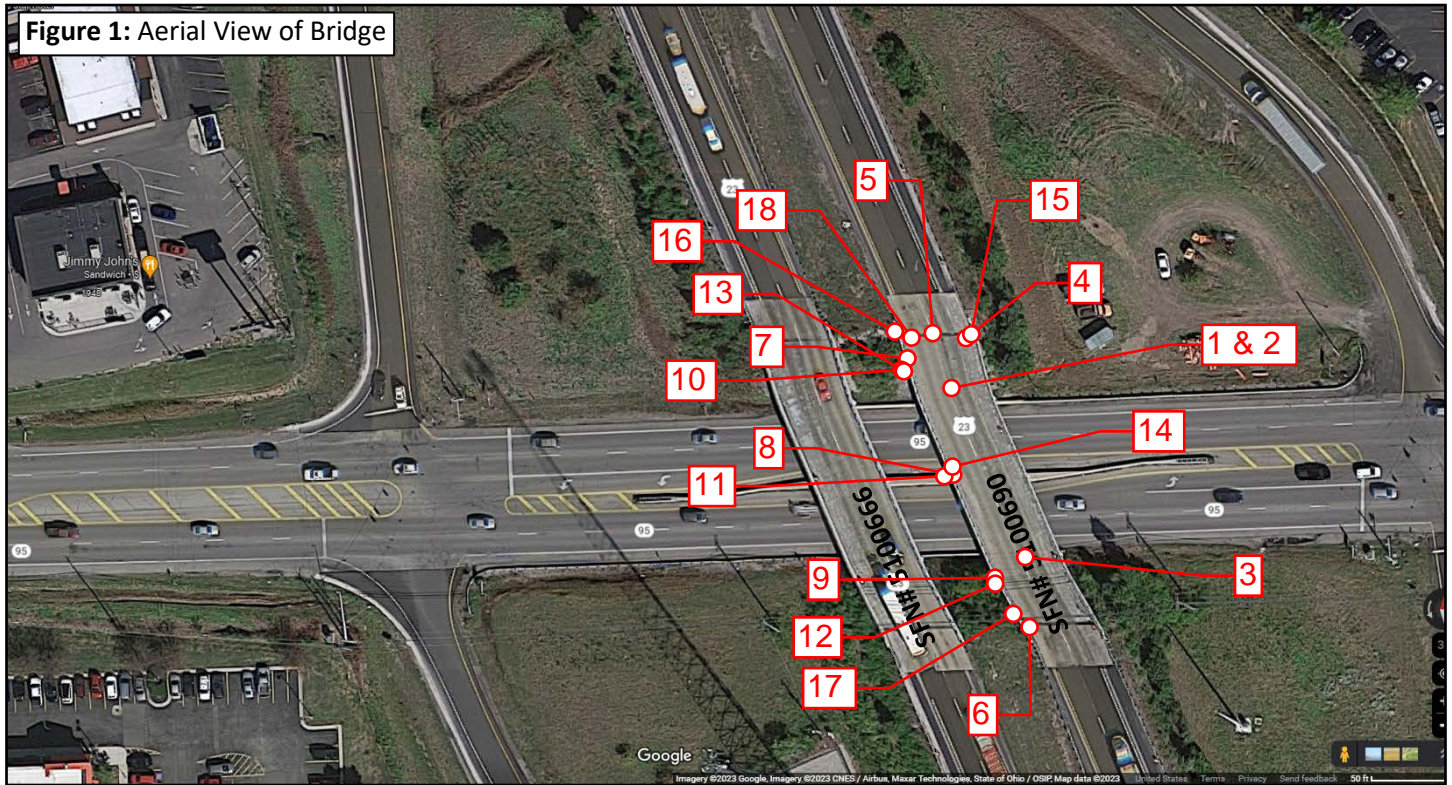
Expiration Date: March 8, 2024

Certificate Numbers: ITNIR7392 & ITNMPR7392

ITN

ITN

APPENDIX B
BULK SAMPLE DIAGRAM





Lawhon & Associates, Inc.
ENVIRONMENTAL CONSULTING AND ENGINEERING SERVICES

Columbus
Cleveland
Dayton

Bulk Sample Diagram

Inventory Bridge Number: MAR 00023 10060 R
Structure File Number: 5100690
Date Sampled: March 21, 2023
Surveyors: Matt Geiger (AHES OH#35832)

Signature:


Page 1 of 2

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

Figure 5: View of Bridge



Figure 6: View of Cementitious Sealant

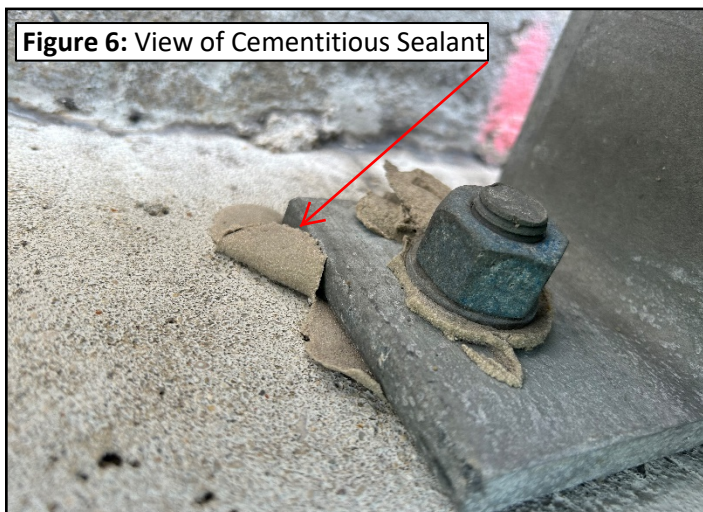


Figure 7: Residual Gray Rail Pad



Figure 8: View Below Deck



Lawhon & Associates, Inc.
ENVIRONMENTAL CONSULTING AND ENGINEERING SERVICES

Columbus
Cleveland
Dayton

Bulk Sample Diagram

Inventory Bridge Number: MAR 00023 10060 R

Structure File Number: 5100690

Date Sampled: March 21, 2023

Surveyors: Matt Geiger (AHES OH#35832)

Signature:

Matt Geiger

Page 2 of 2

APPENDIX C
LABORATORY RESULTS AND CHAIN OF CUSTODY



The Identification Specialists

Analysis Report
prepared for
Lawhon & Associates, Inc.

Report Date: 3/30/2023

Project Name: MAR 00023 10060 R

Project #: 23-0122 B-ACM

SanAir ID#: 23016239



NVLAP LAB CODE 600227-0

11709 Chesterdale Road | Cincinnati, Ohio 45246
888.895.1177 | 513.438.6006 | IAQ@SanAir.com | SanAir.com



SanAir ID Number

23016239

FINAL REPORT

3/30/2023 12:42:04 PM

Name: Lawhon & Associates, Inc.

Address: 1441 King Ave

Columbus, OH 43212

Phone: 614-481-8600 ext. 142

Project Number: 23-0122 B-ACM

P.O. Number:

Project Name: MAR 00023 10060 R

Collected Date: 3/21/2023

Received Date: 3/22/2023 10:00:00 AM

Dear Matt Geiger,

We at SanAir would like to thank you for the work you recently submitted. The 18 sample(s) were received on Wednesday, March 22, 2023 via UPS. The final report(s) is enclosed for the following sample(s): 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

A handwritten signature in black ink, appearing to read "Matt Daigneault", with a stylized flourish at the end.

Matthew Daigneault
Asbestos Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:

- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

Sample conditions:

- 18 samples in Good condition.



SanAir ID Number

23016239

FINAL REPORT

3/30/2023 12:42:04 PM

Name: Lawhon & Associates, Inc.**Address:** 1441 King Ave

Columbus, OH 43212

Phone: 614-481-8600 ext. 142**Project Number:** 23-0122 B-ACM**P.O. Number:****Project Name:** MAR 00023 10060 R**Collected Date:** 3/21/2023**Received Date:** 3/22/2023 10:00:00 AM

Analyst: Scales, Sean

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
1 / 23016239-001 Column Exp Joint, North End, Middle	Brown Fibrous Homogeneous	75% Cellulose	25% Other	None Detected
2 / 23016239-002 Column Exp Joint, North End, Middle	Brown Fibrous Homogeneous	75% Cellulose	25% Other	None Detected
3 / 23016239-003 Column Exp Joint, South End, Middle	Brown Fibrous Homogeneous	75% Cellulose	25% Other	None Detected
4 / 23016239-004 Bridge Deck to Abutment Exp Jnt, North End, East Side	Brown Fibrous Homogeneous	75% Cellulose	25% Other	None Detected
5 / 23016239-005 Bridge Deck to Abutment Exp Jnt, North End, Middle	Brown Fibrous Homogeneous	75% Cellulose	25% Other	None Detected
6 / 23016239-006 Bridge Deck to Abutment Exp Jnt, South End, West Side	Brown Fibrous Homogeneous	75% Cellulose	25% Other	None Detected
7 / 23016239-007 Parapet Exp Joint, West Side, North End	Grey Non-Fibrous Homogeneous		100% Other	None Detected
8 / 23016239-008 Parapet Exp Joint, West Side, Middle	Grey Non-Fibrous Homogeneous		100% Other	None Detected
9 / 23016239-009 Parapet Exp Joint, West Side, South End	Grey Non-Fibrous Homogeneous		100% Other	None Detected
10 / 23016239-010 Cementitious Sealant, West Side, North End	Beige Non-Fibrous Homogeneous		100% Other	None Detected

Analyst: Approved Signatory: 

Analysis Date: 3/29/2023

Date: 3/30/2023



SanAir ID Number
23016239
FINAL REPORT
3/30/2023 12:42:04 PM

Name: Lawhon & Associates, Inc.
Address: 1441 King Ave
Columbus, OH 43212
Phone: 614-481-8600 ext. 142

Project Number: 23-0122 B-ACM
P.O. Number:
Project Name: MAR 00023 10060 R
Collected Date: 3/21/2023
Received Date: 3/22/2023 10:00:00 AM

Analyst: Scales, Sean

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
11 / 23016239-011 Cementitious Sealant, West Side, Middle	Beige Non-Fibrous Homogeneous		100% Other	None Detected
12 / 23016239-012 Cementitious Sealant, West Side, South End	Beige Non-Fibrous Homogeneous		100% Other	None Detected
13 / 23016239-013 Residual Rail Pad, West Side, North End	Grey Non-Fibrous Homogeneous		98% Other	2% Chrysotile
14 / 23016239-014 Residual Rail Pad, West Side, Middle	Grey Non-Fibrous Homogeneous		98% Other	2% Chrysotile
15 / 23016239-015 Residual Rail Pad, East Side, North End	Grey Non-Fibrous Homogeneous		98% Other	2% Chrysotile
16 / 23016239-016 Paint on Concrete, West Side, North End	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
17 / 23016239-017 Paint on Concrete, West Side, South End	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
18 / 23016239-018 Paint on Concrete, West Side, North End	Grey Non-Fibrous Heterogeneous		100% Other	None Detected

Analyst: 

Approved Signatory: 

Analysis Date: 3/29/2023

Date: 3/30/2023

Disclaimer

The final report cannot be reproduced, except in full, without written authorization from SanAir. This report is the sole property of the client named on the SanAir Technologies Laboratory chain-of-custody (COC). Results in the report are confidential information intended only for the use by the client named on the COC. Neither results nor reports will be discussed with or released to any third party without our client's written permission to assure that parts of the report are not taken out of context and to maintain client confidentiality. The information provided in this report applies only to the samples submitted in the condition they were received at the laboratory and is relevant only for the date, time, and location of sampling. Samples were received in good condition unless otherwise noted on the report. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations. The accuracy of the results is dependent upon the client's sampling procedure and information provided to the laboratory by the client, which includes the project name, project number, po number, sample collection dates, special instructions, samples collected by, sample numbers, sample identifications/ location, sample type, selected analysis type, and total area or volume that may affect the validity of the results. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample and information provided by the client. SanAir assumes no responsibility or liability for the manner in which results are used or interpreted. This report does not constitute and shall not be used to claim product certification, approval, or endorsement by NVLAP, NIST, AIHA LAP, LLC or any other agency of the U.S. government. Samples are held for a period of 60 days.

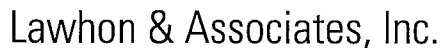
Polarized- light microscopy is not consistently reliable in detecting asbestos in floor covering and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Asbestos Accreditations, Licenses, or Certificates

NVLAP Lab Code 600227-0

State of Rhode Island Department of Health, Certification Number: PLM00144, TEM00144

State of West Virginia Bureau for Public Health, Analytical Laboratory Number: LT000637



1441 King Avenue
Columbus, OH 43212
Phone: (614) 481-8600
Fax: (614) 481-8610

VIA: UPS

Date: 3/21/2023

23016239

No. 3618

Page 1 of 1

Turn around:

5-day

Page 6 of 6

Project Name:		Project No.:		Project Contact:		Sampler (print):		Signature	
MAR 00023 10060 R		23-0122 B-ACM		Matt Griger				M. Griger	
Sample I.D. No.	Homog. Area No.	Sample /Homogeneous Area Description		Sample Location		Remarks			
1	1	Column Exp. Joint		North End, Middle		Below Deck			
2	1	┆		┆		┆			
3	1	┆		South End, ┆		┆			
4	2	Bridge Deck to Abutment Exp. Jnt.		North End, East Side		┆			
5	2	┆		┆, Middle		┆			
6	2	┆		South End, West Side		┆			
7	3	Parapet Exp. Joint		West Side, North End					
8	3	┆		┆, Middle					
9	3	┆		┆, South End					
10	4	Cementitious Sealant (Tan)		West Side, North End					
11	4	┆		┆, Middle					
12	4	┆		┆, South End					
13	5	Residual gray Rail Pad		West Side, North End					
14	5	┆		┆, Middle					
15	5	┆		East Side, North End					
16	6	paint on Concrete		West Side, North End					
17	6	┆		┆, South End					
18	6	┆		┆, North End		Below Deck			
SAMPLE ANALYSIS BY EPA METHOD 600/R-93/116 UNLESS OTHERWISE NOTED.									
<input type="checkbox"/> Stop 1st Positive <input checked="" type="checkbox"/> Analyze All Samples									
Relinquished by: (signature)		Date / Time		Received by: (signature)		Date / Time		Relinquished by: (signature)	
M. Griger		3/21/23 1700		R. M. Griger		3/21/23 1600			

Distributor: White - Lab; Yellow - File



The Identification Specialists

Analysis Report
prepared for
Lawhon & Associates, Inc.

Report Date: 4/3/2023

Project Name: MAR 00023 10060 R

Project #: 23-0122 B-ACM

SanAir ID#: 23018004



NVLAP LAB CODE 600227-0

11709 Chesterdale Road | Cincinnati, Ohio 45246
888.895.1177 | 513.438.6006 | IAQ@SanAir.com | SanAir.com



SanAir ID Number
23018004
FINAL REPORT
4/3/2023 1:28:31 PM

Name: Lawhon & Associates, Inc.
Address: 1441 King Ave
Columbus, OH 43212
Phone: 614-481-8600 ext. 142

Project Number: 23-0122 B-ACM
P.O. Number:
Project Name: MAR 00023 10060 R
Collected Date: 3/21/2023
Received Date: 3/30/2023 12:40:00 PM

Dear Matt Geiger,

We at SanAir would like to thank you for the work you recently submitted. The 3 sample(s) were received on Thursday, March 30, 2023 via COC further analysis. The final report(s) is enclosed for the following sample(s): 13, 14, 15.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

A handwritten signature in black ink, appearing to read "Matt Daigneault", with a stylized flourish at the end.

Matthew Daigneault
Asbestos Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:

- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

Sample conditions:

- 3 samples in Good condition.



SanAir ID Number
23018004
FINAL REPORT
4/3/2023 1:28:31 PM

Name: Lawhon & Associates, Inc.
Address: 1441 King Ave
Columbus, OH 43212
Phone: 614-481-8600 ext. 142

Project Number: 23-0122 B-ACM
P.O. Number:
Project Name: MAR 00023 10060 R
Collected Date: 3/21/2023
Received Date: 3/30/2023 12:40:00 PM


Analyst: Scales, Sean

Asbestos Bulk EPA PLM NOB EPA 600/R-93/116

SanAir ID / Description	Appearance	% Fibrous	% Non Fibrous	Asbestos Types	% Total Asbestos
23018004-001 / 13 Residual Rail Pad, West Side, North End	Grey Non-Fibrous Homogeneous		98.9 %	Chrysotile	1.1 %
23018004-002 / 14 Residual Rail Pad, West Side, Middle	Grey Non-Fibrous Homogeneous		98.9 %	Chrysotile	1.1 %
23018004-003 / 15 Residual Rail Pad, East Side, North End	Grey Non-Fibrous Homogeneous		98.8 %	Chrysotile	1.2 %

EPA 400 Point Count with Gravimetric Reduction.

Analyst: 

Approved Signatory: 

Analysis Date: 4/2/2023

Date: 4/3/2023

Disclaimer

The final report cannot be reproduced, except in full, without written authorization from SanAir. This report is the sole property of the client named on the SanAir Technologies Laboratory chain-of-custody. Results in the report are confidential information intended only for the use by the customer listed on the chain-of-custody and neither results nor the report will be discussed with or released to any third party without our client's written permission. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations. The accuracy of the results is dependent upon the client's sampling procedure and information provided to the laboratory by the client, which includes the project name, project number, po number, sample collection dates, special instructions, samples collected by, sample numbers, sample identifications/location, sample type, selected analysis type, flow rate, total volume or area, and start stop times that may affect the validity of the results in this report. SanAir assumes no responsibility for the sampling procedure or information provided by the client on the COC. Evaluation reports are based solely on the sample in the condition it was received and information provided by the client on the COC. The information provided in this report applies only to the samples submitted and is relevant only for the date, time, and exact location of sampling. Samples were received in good condition unless otherwise noted on the report. SanAir assumes no responsibility or liability in the manner in which results are used or interpreted. Samples are held for a period of 60 days.

This report does not constitute and shall not be used by the client to claim product, process, system, or person approval, certification, or endorsement by NVLAP, NELAC, AIHA LAP, LLC, NIST and/or any other agency of the U.S. government; *and may not be certified by every local, state and federal regulatory agencies.*

See www.sanair.com for copies of our accreditation certificates and scopes. Not all accreditations may cover the scope of testing performed in this final report.

Asbestos Accreditations, Licenses, or Certificates

NVLAP Lab Code 600227-0

State of Rhode Island Department of Health, Certification Number: PLM00144, TEM00144

State of West Virginia Bureau for Public Health, Analytical Laboratory Number: LT000637



Lawhon & Associates, Inc.

1441 King Avenue
Columbus, OH 43212
Phone: (614) 481-8600
Fax: (614) 481-8610

Sent To: San Air

VIA: UPS

Date: 3/21/2023

23018004

~~23016239~~

No. 3618

Page 1 of 1

Turn around:

5-day

ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY RECORD

Project Name: <u>MAR 00023 10060 R</u>		Project No.: <u>23-0122 B-ACM</u>		Project Contact: <u>Matt Griger</u>		Sampler (print): <u></u>		Signature: <u>[Signature]</u>	
Sample I.D. No.	Homog. Area No.	Sample / Homogeneous Area Description	Sample Location		Remarks				
1	1	Column Exp. Joint	North End, Middle		Below Deck				
2	1	└	└		└				
3	1		South End, └						
4	2		Bridge Deck to Abutment Exp. Jnt.						
5	2	└	North End, East Side		└				
6	2		└ Middle						
7	3	└	South End, West Side		└				
8	3		Parapet Exp. Joint						
9	3		West Side, North End						
10	4	└	Middle		└				
11	4		Cementitious Sealant (Tan)						
12	4		West Side, North End						
13	5	└	Middle		└				
14	5		South End						
15	5		Residual gray Rail Pad						
16	6	└	Middle		└				
17	6		West Side, North End						
18	6		Paint on Concrete						
			East Side, North End		Below Deck				
			West Side, North End						
SAMPLE ANALYSIS BY EPA METHOD 600/R-93/116 UNLESS OTHERWISE NOTED. <input type="checkbox"/> Stop 1st Positive <input checked="" type="checkbox"/> Analyze All Samples 									
Relinquished by: (signature) <u>[Signature]</u>		Date / Time <u>3/21/23 1700</u>		Received by: (signature) <u>RMB</u>		Date / Time <u>3/21/23 1000 am</u>			

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. This form can be completed, and payment made, at ebiz.epa.ohio.gov. Questions? asbestos@epa.ohio.gov or (614) 466-0061.

Ohio EPA Use Only	Notification #:	Postmarked: / /	Received: / /	<input type="checkbox"/> Hand-Delivered
-------------------	-----------------	-----------------	---------------	---

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: Marion
--	--	---------------------------------------	------------------------------------	---------------------------------	---------------------------------------	----------------

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

Revised? ☐

Owner		
Name: ODOT District 06		Is this a company? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Address: 400 E. William Street		Contact Person: GARTNER, JANICE M
City: Delaware	State: Ohio	Zip: 43015
Email: Janice.Gartner@dot.ohio.gov	Phone: (740) 833-8000	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: 10/14/2023
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):	

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

Notification of Demolition and Renovation/Abatement

Section 1: General Information

Continued

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 #:

A. Facility Description

Revised? ☐

Building Name (if applicable): MAR 00023 10060 R		Site Location (specific): Over 95 1791	
Address: 40°34'52.03"N 83°04'34.24"W		County: Marion	
City: Marion	State: OH	Zip: 43302.-	
Building Size (square feet): 7,909	No. of Floors: 1	Age: 55	
Present Use: Bridge		Prior Use: Bridge	

B. Type of Operation (check all that apply)

Revised? ☐

<input checked="" type="checkbox"/> Demolition	<input type="checkbox"/> Renovation/Abatement – Type: <input type="checkbox"/> Removal <input type="checkbox"/> Repair <input type="checkbox"/> Encapsulation <input type="checkbox"/> Enclosure
--	--

C. Asbestos Present (check one)

Revised? ☐

<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> No, previously abated	Year Abated:
---	-----------------------------	--	--------------

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 ²)					5
Volume if length or area cannot be measured (ft ³)					

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: / /
-----------------	--------------------

H. Project Hold

Revised? ☐

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



April 25, 2023

Jonathan Carroll
Project Manager
Fishbeck
10856 Reed Hartman Highway, Suite 175
Cincinnati, Ohio 45242
(513) 247-8571 (Office)

Subject: Asbestos Inspection of MAR 00529 02740 (SFN #5103541) State Route 529 Bridge over Graves Creek in Marion, Ohio 43302 (L&A 23-0122)

Mr. Jonathan Carroll:

On March 21, 2023, Mr. Matt Geiger, Ohio Environmental Protection Agency (OEPA) Certified Asbestos Hazard Evaluation Specialist (AHES OH #35832) of Lawhon & Associates, Inc (L&A) conducted an asbestos survey of MAR 00529 02740 (SFN #5103541) State Route 529 Bridge over Graves Creek in Marion, Ohio 43302. 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. Energized electrical components, utility conduits, and materials encased in concrete were not sampled as part of this effort. A diagram of the bridge and asbestos bulk sampling locations can be found in Appendix B. There were no available bridge plans for review for this bridge.

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.

Table 1: Suspected Materials

Material	Locations	Friability
Paint on Steel	Below Deck	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	Paint on Steel – Below Deck, South Side, East End	No Asbestos Detected
2	Paint on Steel – Below Deck, South Side, West End	No Asbestos Detected
3	Paint on Steel – Below Deck, North Side, East End	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 Ohio Environmental Protection Agency Certifications for Mr. Matt Geiger.

Appendix B contains the Bulk Sample Diagram.

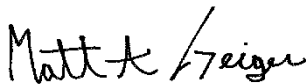
Appendix C contains the laboratory results and chain-of-custody documentation for the asbestos bulk samples collected.

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

Summary

On March 21, 2023, Mr. Matt Geiger, Ohio Environmental Protection Agency (OEPA) Certified Asbestos Hazard Evaluation Specialist (AHES OH #35832) of Lawhon & Associates, Inc (L&A) conducted an asbestos survey of MAR 00529 02740 (SFN #5103541) State Route 529 Bridge over Graves Creek in Marion, Ohio 43302. 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 Matt Geiger at (614) 481-8600.

Sincerely,



Matt Geiger, AHES 35832
Project Manager



Chuck Wilson
Vice President

APPENDIX A
OHIO ENVIRONMENTAL PROTECTION AGENCY CERTIFICATIONS



Mike DeWine, Governor
Jon Husted, Lt. Governor
Laurie A. Stevenson, Director

10/12/2022

Matthew Geiger
Lawhon & Associates, Inc.
1441 King Avenue
Columbus, OH 43212

RE: Evaluation Specialist
Certification Number: ES35832
Expiration Date: 10/14/2023

Dear Matthew Geiger:

This letter and enclosed certification card approves your request to be certified as an asbestos 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 Ohio Environmental Protection Agency (EPA) for violation of any of the requirements of 3745-22 or 3745-20 of the Ohio Administrative Code.

If you have any questions, please contact the Asbestos Program at 614-644-0226 or by email at asbestoslicensing@epa.ohio.gov.

Sincerely,

Joshua S. Koch
Manager, Business Operations Support Section
Ohio EPA - Division of Air Pollution Control

50 West Town Street • S
epa.ohio.gov



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., 705D Lakeview Plaza Blvd, Worthington, OH 43085 (614) 436-0980

Course Dates: March 8, 2023

Examination Date: March 8, 2023

Course Instructor: 
Kurt Varga

Course Location: Columbus, Ohio

Expiration Date: March 8, 2024

Certificate Numbers: ITNIR7392 & ITNMPR7392

ITN

ITN

APPENDIX B
BULK SAMPLE DIAGRAM

Figure 1: Aerial View of Bridge

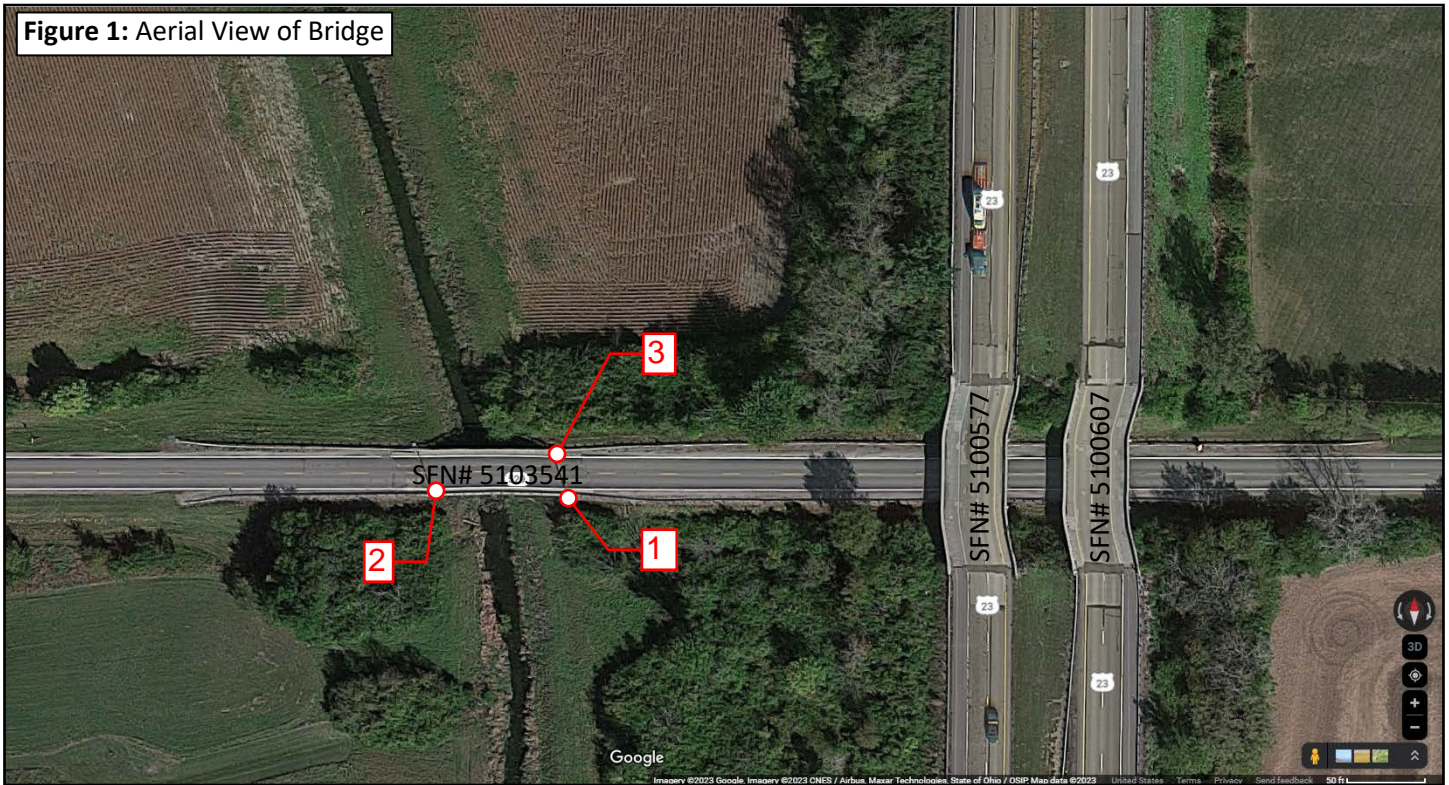


Figure 2: View of Paint on Steel



Figure 3: View Above Deck



Figure 4: View of Bridge



Lawhon & Associates, Inc.
ENVIRONMENTAL CONSULTING AND ENGINEERING SERVICES

Columbus
Cleveland
Dayton

Bulk Sample Diagram

Inventory Bridge Number: MAR 00529 02740

Structure File Number: 5103541

Date Sampled: March 21, 2023

Surveyors: Matt Geiger (AHES OH#35832)

Signature:

Matt Geiger

Page 1 of 1

APPENDIX C
LABORATORY RESULTS AND CHAIN OF CUSTODY



The Identification Specialists

Analysis Report
prepared for
Lawhon & Associates, Inc.

Report Date: 3/29/2023

Project Name: MAR 00529 02740

Project #: 23-0122 BACM

SanAir ID#: 23016255



NVLAP LAB CODE 600227-0

11709 Chesterdale Road | Cincinnati, Ohio 45246
888.895.1177 | 513.438.6006 | IAQ@SanAir.com | SanAir.com



SanAir ID Number
23016255
FINAL REPORT
3/29/2023 3:08:20 PM

Name: Lawhon & Associates, Inc.
Address: 1441 King Ave
Columbus, OH 43212
Phone: 614-481-8600 ext. 142

Project Number: 23-0122 BACM
P.O. Number:
Project Name: MAR 00529 02740
Collected Date: 3/21/2023
Received Date: 3/22/2023 10:00:00 AM

Dear Matt Geiger,

We at SanAir would like to thank you for the work you recently submitted. The 3 sample(s) were received on Wednesday, March 22, 2023 via UPS. The final report(s) is enclosed for the following sample(s): 1, 2, 3.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

A handwritten signature in black ink, appearing to read "Matt Daigneault", with a stylized flourish at the end.

Matthew Daigneault
Asbestos Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:
- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

Sample conditions:
- 3 samples in Good condition.



SanAir ID Number

23016255

FINAL REPORT

3/29/2023 3:08:20 PM

Name: Lawhon & Associates, Inc.

Address: 1441 King Ave

Columbus, OH 43212

Phone: 614-481-8600 ext. 142

Project Number: 23-0122 BACM

P.O. Number:

Project Name: MAR 00529 02740

Collected Date: 3/21/2023

Received Date: 3/22/2023 10:00:00 AM

Analyst: Chandler, Caroline

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
1 / 23016255-001 Paint on Steel, Below Deck-South Side, East End	Silver Non-Fibrous Heterogeneous		100% Other	None Detected
2 / 23016255-002 Paint on Steel, Below Deck-South Side, West End	Silver Non-Fibrous Heterogeneous		100% Other	None Detected
3 / 23016255-003 Paint on Steel, Below Deck-North Side, East End	Silver Non-Fibrous Heterogeneous		100% Other	None Detected

Analyst:

Caroline Chandler

Approved Signatory:

Johnathan Wilson

Analysis Date: 3/29/2023

Date: 3/29/2023

Disclaimer

The final report cannot be reproduced, except in full, without written authorization from SanAir. This report is the sole property of the client named on the SanAir Technologies Laboratory chain-of-custody (COC). Results in the report are confidential information intended only for the use by the client named on the COC. Neither results nor reports will be discussed with or released to any third party without our client's written permission to assure that parts of the report are not taken out of context and to maintain client confidentiality. The information provided in this report applies only to the samples submitted in the condition they were received at the laboratory and is relevant only for the date, time, and location of sampling. Samples were received in good condition unless otherwise noted on the report. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations. The accuracy of the results is dependent upon the client's sampling procedure and information provided to the laboratory by the client, which includes the project name, project number, po number, sample collection dates, special instructions, samples collected by, sample numbers, sample identifications/ location, sample type, selected analysis type, and total area or volume that may affect the validity of the results. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample and information provided by the client. SanAir assumes no responsibility or liability for the manner in which results are used or interpreted. This report does not constitute and shall not be used to claim product certification, approval, or endorsement by NVLAP, NIST, AIHA LAP, LLC or any other agency of the U.S. government. Samples are held for a period of 60 days.

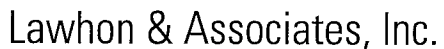
Polarized- light microscopy is not consistently reliable in detecting asbestos in floor covering and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Asbestos Accreditations, Licenses, or Certificates

NVLAP Lab Code 600227-0

State of Rhode Island Department of Health, Certification Number: PLM00144, TEM00144

State of West Virginia Bureau for Public Health, Analytical Laboratory Number: LT000637



1441 King Avenue
Columbus, OH 43212
Phone: (614) 481-8600
Fax: (614) 481-8610

Sent To: San AIR
VIA: UPS

23016255

No. 3612

Page 1 of 1

Date: 03/21/2023

Turn around:

5-da.

Page 5 of 5

ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY RECORD

[illegible]

Distributor: White - Lab; Yellow - File

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. This form can be completed, and payment made, at ebiz.epa.ohio.gov. Questions? asbestos@epa.ohio.gov or (614) 466-0061.

Ohio EPA Use Only	Notification #:	Postmarked: / /	Received: / /	<input type="checkbox"/> Hand-Delivered
-------------------	-----------------	-----------------	---------------	---

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: Marion
--	--	---------------------------------------	------------------------------------	---------------------------------	---------------------------------------	----------------

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

Revised? ☐

Owner		
Name: ODOT District 06		Is this a company? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Address: 400 E. William Street		Contact Person: GARTNER, JANICE M
City: Delaware	State: Ohio	Zip: 43015
Email: Janice.Gartner@dot.ohio.gov	Phone: (740) 833-8000	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: 10/14/2023
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):	

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

Notification of Demolition and Renovation/Abatement

Section 1: General Information

Continued

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 #:

A. Facility Description

Revised? ☐

Building Name (if applicable): MAR 00529 02740		Site Location (specific): 2.74 Mi E Of Sr95	
Address: 40°32'58.16"N 83°04'31.19"W		County: Marion	
City: Marion	State: OH	Zip: 43302.-	
Building Size (square feet): 2,492	No. of Floors: 1	Age: 39	
Present Use: Bridge		Prior Use: Bridge	

B. Type of Operation (check all that apply)

Revised? ☐

<input checked="" type="checkbox"/> Demolition	<input type="checkbox"/> Renovation/Abatement – Type: <input type="checkbox"/> Removal <input type="checkbox"/> Repair <input type="checkbox"/> Encapsulation <input type="checkbox"/> Enclosure
--	--

C. Asbestos Present (check one)

Revised? ☐

<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> No, previously abated	Year Abated:
------------------------------	--	--	--------------

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 ²)					
Volume if length or area cannot be measured (ft ³)					

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: / /
-----------------	--------------------

H. Project Hold

Revised? ☐

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

Table 2: Sample Descriptions, Locations and Results

Sample #	Sample Description and Location	Asbestos %
1	Parapet Expansion Joint – East Side, North End	No Asbestos Detected
2	Parapet Expansion Joint – East Side, North End	No Asbestos Detected
3	Parapet Expansion Joint – West Side, South End	No Asbestos Detected
4	Reflector Mastic – East Side, North End	No Asbestos Detected
5	Reflector Mastic – East Side, South End	No Asbestos Detected
6	Reflector Mastic – West Side, South End	No Asbestos Detected
7	Gray Rail Pad – East Side, North End	1.1% Chrysotile
8	Gray Rail Pad – East Side, Middle	1.3% Chrysotile
9	Gray Rail Pad – East Side, South End	1.3% Chrysotile

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). Therefore, three samples of the Rail Pad were found to be Asbestos Containing Material as defined by U.S. EPA/NESHAP regulations.

Any contractors disturbing this material must adhere to OSHA 29 CFR 1910 and 29 CFR 1926. The rail pad is located between the concrete parapet wall and the aluminum railing. This material is gray in color and encompasses a total of approximately 20 square feet on the East and West sides of the bridge. An Image depicting the material can be found in Figure 4 of Appendix B. This material is a Category II asbestos containing material, as defined by EPA, that would become friable if disturbed from renovation/ demolition activities.

Attachments

Appendix A contains the Ohio Environmental Protection Agency Certifications for Mr. Matt Geiger.

Appendix B contains the Bulk Sample Diagram.

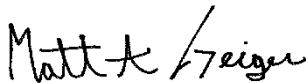
Appendix C contains the laboratory results and chain-of-custody documentation for the asbestos bulk samples collected.

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

Summary

On March 21, 2023, Mr. Matt Geiger, Ohio Environmental Protection Agency (OEPA) Certified Asbestos Hazard Evaluation Specialist (AHES OH #35832) of Lawhon & Associates, Inc (L&A) conducted an asbestos survey of MAR 00023 07860 L (SFN #5100577) US 23 Bridge over State Route 529 in Marion, Ohio 43302. The purpose of the survey was to determine the presence of asbestos-containing materials (ACM) located on the structure. Asbestos Containing Materials (ACM) were identified in the course of the survey. If you have any questions, please contact Matt Geiger at (614) 481-8600.

Sincerely,



Matt Geiger, AHES 35832
Project Manager



Chuck Wilson
Vice President

APPENDIX A
OHIO ENVIRONMENTAL PROTECTION AGENCY CERTIFICATIONS



Mike DeWine, Governor
Jon Husted, Lt. Governor
Laurie A. Stevenson, Director

10/12/2022

Matthew Geiger
Lawhon & Associates, Inc.
1441 King Avenue
Columbus, OH 43212

RE: Evaluation Specialist
Certification Number: ES35832
Expiration Date: 10/14/2023

Dear Matthew Geiger:

This letter and enclosed certification card approves your request to be certified as an asbestos 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 Ohio Environmental Protection Agency (EPA) for violation of any of the requirements of 3745-22 or 3745-20 of the Ohio Administrative Code.

If you have any questions, please contact the Asbestos Program at 614-644-0226 or by email at asbestoslicensing@epa.ohio.gov.

Sincerely,

Joshua S. Koch
Manager, Business Operations Support Section
Ohio EPA - Division of Air Pollution Control

50 West Town Street • S
epa.ohio.gov



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., 705D Lakeview Plaza Blvd, Worthington, OH 43085 (614) 436-0980

Course Dates: March 8, 2023

Examination Date: March 8, 2023

Course Instructor: 
Kurt Varga

Course Location: Columbus, Ohio

Expiration Date: March 8, 2024

Certificate Numbers: ITNIR7392 & ITNMPR7392

ITN

ITN

APPENDIX B
BULK SAMPLE DIAGRAM

Figure 1: Aerial View of Bridge

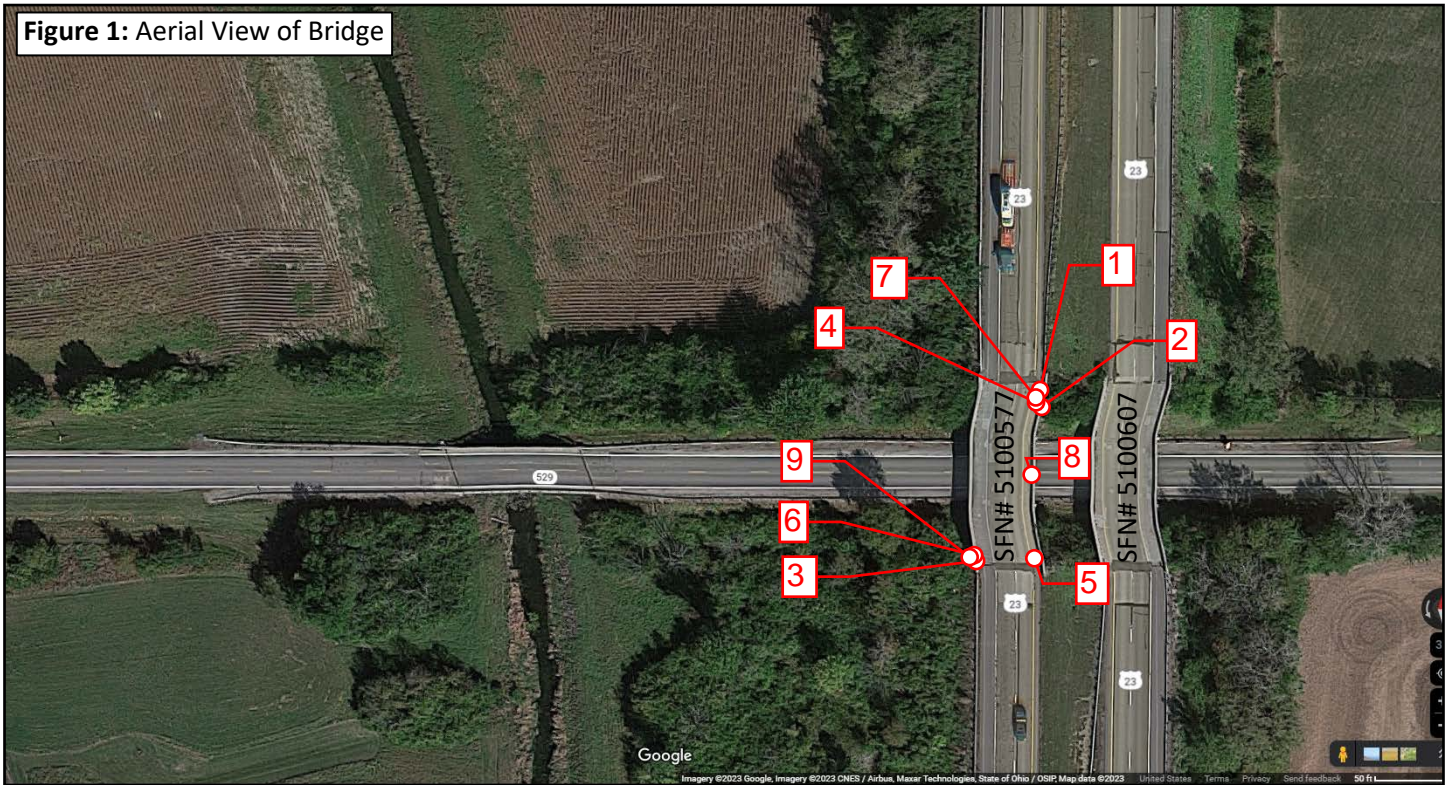


Figure 2: View of Parapet Expansion Joint

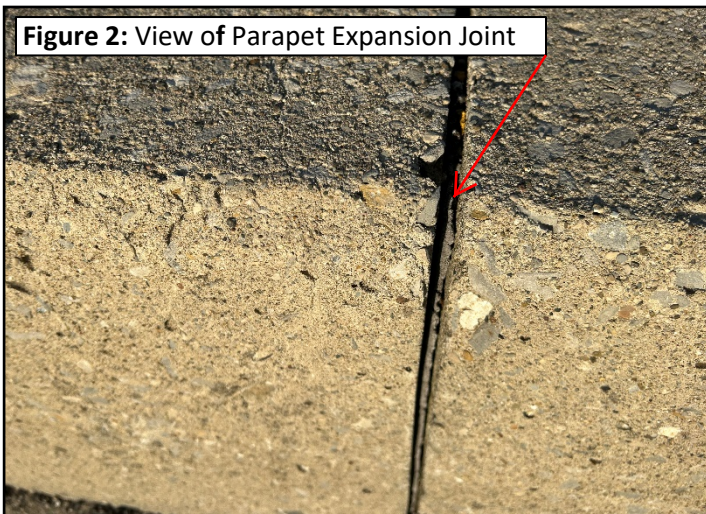


Figure 3: View of Reflector Mastic

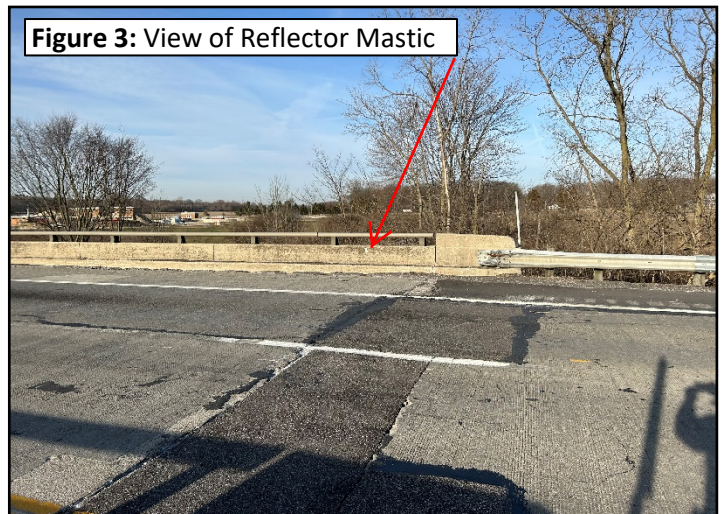
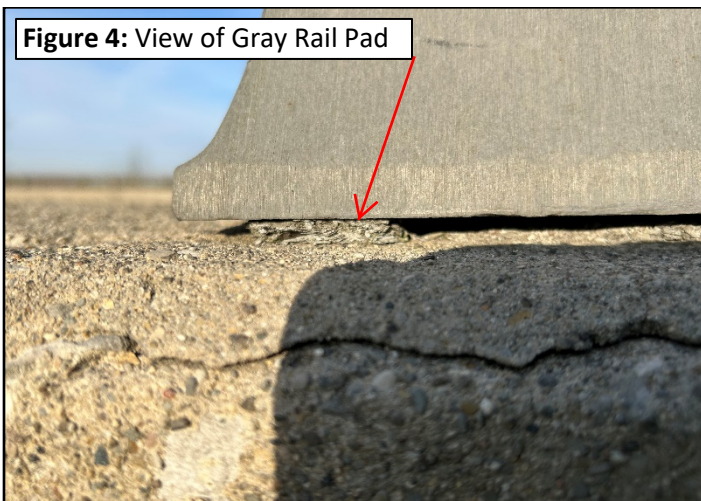


Figure 4: View of Gray Rail Pad



Lawhon & Associates, Inc.
ENVIRONMENTAL CONSULTING AND ENGINEERING SERVICES

Columbus
Cleveland
Dayton

Bulk Sample Diagram

Inventory Bridge Number: MAR 00023 07860 L

Structure File Number: 5100577

Date Sampled: March 21, 2023

Surveyors: Matt Geiger (AHES OH#35832)

Signature:

Matt Geiger

Page 1 of 2

Figure 5: View of Bridge



Figure 6: View of Abutment

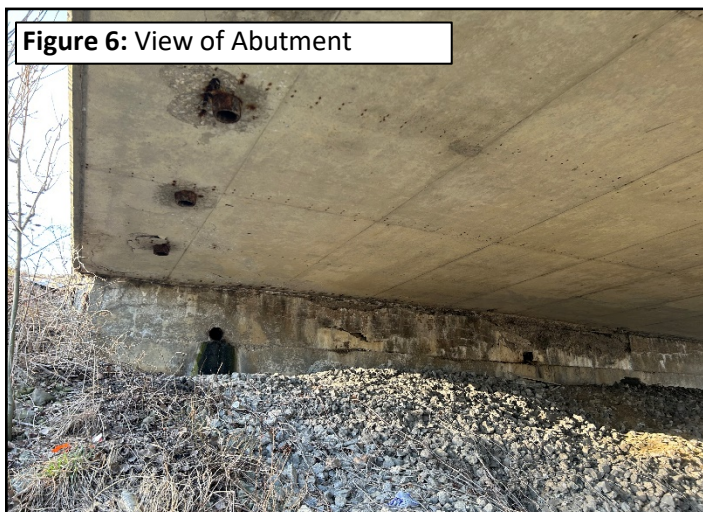


Figure 7: View Above Deck



Figure 8: View Below Deck



Lawhon & Associates, Inc.
ENVIRONMENTAL CONSULTING AND ENGINEERING SERVICES

Columbus
Cleveland
Dayton

Bulk Sample Diagram

Inventory Bridge Number: MAR 00023 07860 L

Structure File Number: 5100577

Date Sampled: March 21, 2023

Surveyors: Matt Geiger (AHES OH#35832)

Signature:

Matt Geiger

Page 2 of 2

APPENDIX C
LABORATORY RESULTS AND CHAIN OF CUSTODY



The Identification Specialists

Analysis Report
prepared for
Lawhon & Associates, Inc.

Report Date: 3/30/2023

Project Name: MAR 00023 07860 L

Project #: 23-0122 BACM

SanAir ID#: 23016246



NVLAP LAB CODE 600227-0

11709 Chesterdale Road | Cincinnati, Ohio 45246
888.895.1177 | 513.438.6006 | IAQ@SanAir.com | SanAir.com



SanAir ID Number

23016246

FINAL REPORT

3/30/2023 12:39:05 PM

Name: Lawhon & Associates, Inc.

Address: 1441 King Ave

Columbus, OH 43212

Phone: 614-481-8600 ext. 142

Project Number: 23-0122 BACM

P.O. Number:

Project Name: MAR 00023 07860 L

Collected Date: 3/21/2023

Received Date: 3/22/2023 10:00:00 AM

Dear Matt Geiger,

We at SanAir would like to thank you for the work you recently submitted. The 9 sample(s) were received on Wednesday, March 22, 2023 via UPS. The final report(s) is enclosed for the following sample(s): 1, 2, 3, 4, 5, 6, 7, 8, 9.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

A handwritten signature in black ink, appearing to read "Matt Daigneault", with a stylized flourish at the end.

Matthew Daigneault
Asbestos Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:

- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

Sample conditions:

- 9 samples in Good condition.



SanAir ID Number

23016246

FINAL REPORT

3/30/2023 12:39:05 PM

Name: Lawhon & Associates, Inc.**Address:** 1441 King Ave

Columbus, OH 43212

Phone: 614-481-8600 ext. 142**Project Number:** 23-0122 BACM**P.O. Number:****Project Name:** MAR 00023 07860 L**Collected Date:** 3/21/2023**Received Date:** 3/22/2023 10:00:00 AM

Analyst: Chandler, Caroline

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
1 / 23016246-001 Parapet Exp Joint, East Side, North End	Grey Non-Fibrous Homogeneous		100% Other	None Detected
2 / 23016246-002 Parapet Exp Joint, East Side, North End	Grey Non-Fibrous Homogeneous		100% Other	None Detected
3 / 23016246-003 Parapet Exp Joint, West Side, South End	Grey Non-Fibrous Homogeneous		100% Other	None Detected
4 / 23016246-004 Reflector Mastic, East Side, North End	Various Non-Fibrous Heterogeneous		100% Other	None Detected
5 / 23016246-005 Reflector Mastic, East Side, South End	Various Non-Fibrous Heterogeneous		100% Other	None Detected
6 / 23016246-006 Reflector Mastic, West Side, South End	Various Non-Fibrous Heterogeneous		100% Other	None Detected
7 / 23016246-007 Rail Pad, East Side, North End	Grey Non-Fibrous Homogeneous		98% Other	2% Chrysotile
8 / 23016246-008 Rail Pad, East Side, Middle	Grey Non-Fibrous Homogeneous		98% Other	2% Chrysotile
9 / 23016246-009 Rail Pad, West Side, South End	Grey Non-Fibrous Homogeneous		98% Other	2% Chrysotile

Analyst:

Approved Signatory:

Analysis Date: 3/29/2023

Date: 3/30/2023

Disclaimer

The final report cannot be reproduced, except in full, without written authorization from SanAir. This report is the sole property of the client named on the SanAir Technologies Laboratory chain-of-custody (COC). Results in the report are confidential information intended only for the use by the client named on the COC. Neither results nor reports will be discussed with or released to any third party without our client's written permission to assure that parts of the report are not taken out of context and to maintain client confidentiality. The information provided in this report applies only to the samples submitted in the condition they were received at the laboratory and is relevant only for the date, time, and location of sampling. Samples were received in good condition unless otherwise noted on the report. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations. The accuracy of the results is dependent upon the client's sampling procedure and information provided to the laboratory by the client, which includes the project name, project number, po number, sample collection dates, special instructions, samples collected by, sample numbers, sample identifications/ location, sample type, selected analysis type, and total area or volume that may affect the validity of the results. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample and information provided by the client. SanAir assumes no responsibility or liability for the manner in which results are used or interpreted. This report does not constitute and shall not be used to claim product certification, approval, or endorsement by NVLAP, NIST, AIHA LAP, LLC or any other agency of the U.S. government. Samples are held for a period of 60 days.

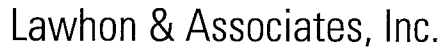
Polarized- light microscopy is not consistently reliable in detecting asbestos in floor covering and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Asbestos Accreditations, Licenses, or Certificates

NVLAP Lab Code 600227-0

State of Rhode Island Department of Health, Certification Number: PLM00144, TEM00144

State of West Virginia Bureau for Public Health, Analytical Laboratory Number: LT000637



Sent To: San AIR
VIA: UPS

No. 3620

Date: 3/21/2023

5-day

ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY RECORD

Distributor: White - Lab; Yellow - File



The Identification Specialists

Analysis Report
prepared for
Lawhon & Associates, Inc.

Report Date: 4/1/2023

Project Name: MAR 00023 07860 L

Project #: 23-0122 BACM

SanAir ID#: 23018010



NVLAP LAB CODE 600227-0

11709 Chesterdale Road | Cincinnati, Ohio 45246
888.895.1177 | 513.438.6006 | IAQ@SanAir.com | SanAir.com



SanAir ID Number
23018010
FINAL REPORT
4/1/2023 1:37:55 PM

Name: Lawhon & Associates, Inc.
Address: 1441 King Ave
Columbus, OH 43212
Phone: 614-481-8600 ext. 142

Project Number: 23-0122 BACM
P.O. Number:
Project Name: MAR 00023 07860 L
Collected Date: 3/21/2023
Received Date: 3/30/2023 12:40:00 PM

Dear Matt Geiger,

We at SanAir would like to thank you for the work you recently submitted. The 3 sample(s) were received on Thursday, March 30, 2023 via COC further analysis. The final report(s) is enclosed for the following sample(s): 7, 8, 9.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

A handwritten signature in black ink, appearing to read "Matt Daigneault", with a stylized flourish at the end.

Matthew Daigneault
Asbestos Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:

- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

Sample conditions:

- 3 samples in Good condition.



SanAir ID Number
23018010
FINAL REPORT
4/1/2023 1:37:55 PM

Name: Lawhon & Associates, Inc.
Address: 1441 King Ave
Columbus, OH 43212
Phone: 614-481-8600 ext. 142

Project Number: 23-0122 BACM
P.O. Number:
Project Name: MAR 00023 07860 L
Collected Date: 3/21/2023
Received Date: 3/30/2023 12:40:00 PM

Analyst: Chandler, Caroline

Asbestos Bulk EPA PLM NOB EPA 600/R-93/116

SanAir ID / Description	Appearance	% Fibrous	% Non Fibrous	Asbestos Types	% Total Asbestos
23018010-001 / 7 Rail Pad, East Side, North End	Grey Non-Fibrous Homogeneous		98.9 %	Chrysotile	1.1 %
23018010-002 / 8 Rail Pad, East Side, Middle	Grey Non-Fibrous Homogeneous		98.7 %	Chrysotile	1.3 %
23018010-003 / 9 Rail Pad, West Side, South End	Grey Non-Fibrous Homogeneous		98.7 %	Chrysotile	1.3 %

EPA 400 Point Count with Gravimetric Reduction.

Analyst: *Caroline Chandler*
Analysis Date: 4/1/2023

Approved Signatory: *Matthew J. #*
Date: 4/1/2023

Disclaimer

The final report cannot be reproduced, except in full, without written authorization from SanAir. This report is the sole property of the client named on the SanAir Technologies Laboratory chain-of-custody. Results in the report are confidential information intended only for the use by the customer listed on the chain-of-custody and neither results nor the report will be discussed with or released to any third party without our client's written permission. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations. The accuracy of the results is dependent upon the client's sampling procedure and information provided to the laboratory by the client, which includes the project name, project number, po number, sample collection dates, special instructions, samples collected by, sample numbers, sample identifications/location, sample type, selected analysis type, flow rate, total volume or area, and start stop times that may affect the validity of the results in this report. SanAir assumes no responsibility for the sampling procedure or information provided by the client on the COC. Evaluation reports are based solely on the sample in the condition it was received and information provided by the client on the COC. The information provided in this report applies only to the samples submitted and is relevant only for the date, time, and exact location of sampling. Samples were received in good condition unless otherwise noted on the report. SanAir assumes no responsibility or liability in the manner in which results are used or interpreted. Samples are held for a period of 60 days.

This report does not constitute and shall not be used by the client to claim product, process, system, or person approval, certification, or endorsement by NVLAP, NELAC, AIHA LAP, LLC, NIST and/or any other agency of the U.S. government; *and may not be certified by every local, state and federal regulatory agencies.*

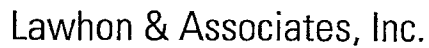
See www.sanair.com for copies of our accreditation certificates and scopes. Not all accreditations may cover the scope of testing performed in this final report.

Asbestos Accreditations, Licenses, or Certificates

NVLAP Lab Code 600227-0

State of Rhode Island Department of Health, Certification Number: PLM00144, TEM00144

State of West Virginia Bureau for Public Health, Analytical Laboratory Number: LT000637



1441 King Avenue
Columbus, OH 43212
Phone: (614) 481-8600
Fax: (614) 481-8610

Sent To: San AIR

VIA: UPS

2308010

~~23016246~~

No. 3620

Page 1 of 1

Date: 3/21/2023

Turn around:

5-da-

Page 5 of 5

ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY RECORD

[illegible]

Distributor: White - Lab; Yellow - File

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. This form can be completed, and payment made, at ebiz.epa.ohio.gov. Questions? asbestos@epa.ohio.gov or (614) 466-0061.

Ohio EPA Use Only	Notification #:	Postmarked: / /	Received: / /	<input type="checkbox"/> Hand-Delivered
-------------------	-----------------	-----------------	---------------	---

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: Marion
--	--	---------------------------------------	------------------------------------	---------------------------------	---------------------------------------	----------------

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

Revised? ☐

Owner		
Name: ODOT District 06		Is this a company? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Address: 400 E. William Street		Contact Person: GARTNER, JANICE M
City: Delaware	State: Ohio	Zip: 43015
Email: Janice.Gartner@dot.ohio.gov	Phone: (740) 833-8000	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: 10/14/2023
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):	

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

Notification of Demolition and Renovation/Abatement

Section 1: General Information

Continued

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 #:

A. Facility Description

Revised? ☐

Building Name (if applicable): MAR 00023 07860 L		Site Location (specific): Over Sr529-0279	
Address: 40°32'57.58"N 83°04'28.38"W		County: Marion	
City: Marion	State: OH	Zip: 43302.-	
Building Size (square feet): 4,767	No. of Floors: 1	Age: 56	
Present Use: Bridge		Prior Use: Bridge	

B. Type of Operation (check all that apply)

Revised? ☐

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

Revised? ☐

<input checked="" type="checkbox"/> Yes	<input 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 ²)					20
Volume if length or area cannot be measured (ft ³)					

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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