



October 13, 2022

Mr. Gery Noirot, P.E.
 District 4 Deputy Director
 2088 South Arlington Street
 Akron, OH 44306-4243
 (330) 786-3100

Attn: Edward W. Deley, Jr., District 4 Environmental Coordinator

Subject: Asbestos Inspection of ATB 00534 12060 (SFN #0406988 / PID #117681) Sr 534 over Trumbull Creek in Rock Creek, OH 44084 (L&A 20-0076)

Edward W. Deley:

On October 3, 2022, Mr. Will Arnold, Ohio Environmental Protection Agency (OEPA) Certified Asbestos Hazard Evaluation Specialist (AHES OH #545305) of Lawhon & Associates, Inc (L&A) conducted an asbestos survey of ATB 00534 12060 (SFN #0406988 / PID #117681) Sr 534 over Trumbull Creek in Rock Creek, OH 44084. 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. All available bridge plans were reviewed for this bridge and no asbestos containing materials were listed.

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
Black Tar	Above Deck	Non-Friable
Weather Stripping Membrane	Above Deck	Non-Friable
Paint on Concrete	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	Black Tar – South End, East Side	No Asbestos Detected
2	Black Tar – South End, West Side	No Asbestos Detected
3	Black Tar – North End, East Side	No Asbestos Detected
4	Weather Stripping Membrane – Middle, East Side	No Asbestos Detected
5	Weather Stripping Membrane – Middle, East Side	No Asbestos Detected
6	Weather Stripping Membrane – North End, West Side	No Asbestos Detected
7	Paint on Concrete – South End, East Side	No Asbestos Detected
8	Paint on Concrete – North End, East Side	No Asbestos Detected
9	Paint on Concrete – North End, West Side	No Asbestos Detected

Materials Identified as Asbestos-Containing

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

Attachments

Appendix A contains the Ohio Environmental Protection Agency Certifications for Mr. Will Arnold.

Appendix B contains the Bulk Sample Diagram.

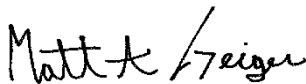
Appendix C contains the laboratory results and chain-of-custody documentation for the asbestos bulk samples collected.

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

Summary

On October 3, 2022, Mr. Will Arnold, Ohio Environmental Protection Agency (OEPA) Certified Asbestos Hazard Evaluation Specialist (AHES OH #545305) of Lawhon & Associates, Inc (L&A) conducted an asbestos survey of ATB 00534 12060 (SFN #0406988 / PID #117681) Sr 534 over Trumbull Creek in Rock Creek, OH 44084. 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, AHES 31284
Vice President

APPENDIX A
OHIO ENVIRONMENTAL PROTECTION AGENCY CERTIFICATIONS

The InService Training Network

Asbestos Building Inspector and Management Planner Refresher Courses



William Arnold

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: April 20, 2022/

Examination Date: April 20, 2022

Course Director: 
Kurt Varga

Course Location: Worthington, Ohio

Expiration Date: April 20, 2023

Certificate Numbers: ITNIR7246 & ITNMPR7246

ITN

ITN



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

5/24/2022

William Arnold
Lawhon & Associates, Inc.
1441 King Avenue
Columbus, OH 43212

RE: Evaluation Specialist
Certification Number: ES545305
Expiration Date: 6/22/2023

Dear William Arnold:

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.

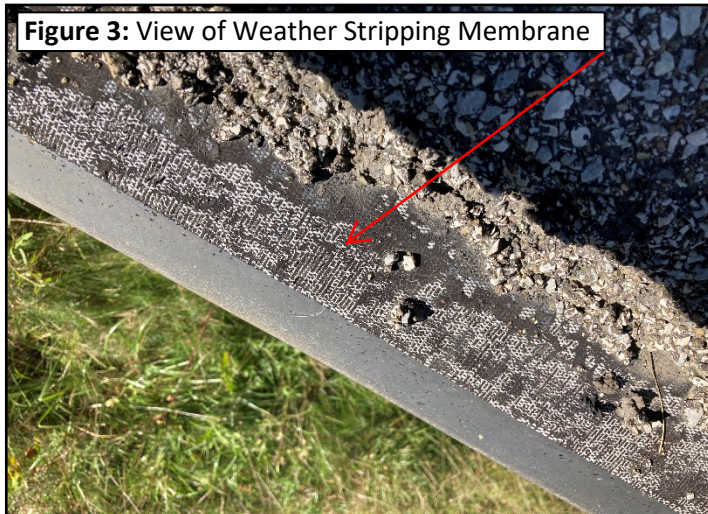
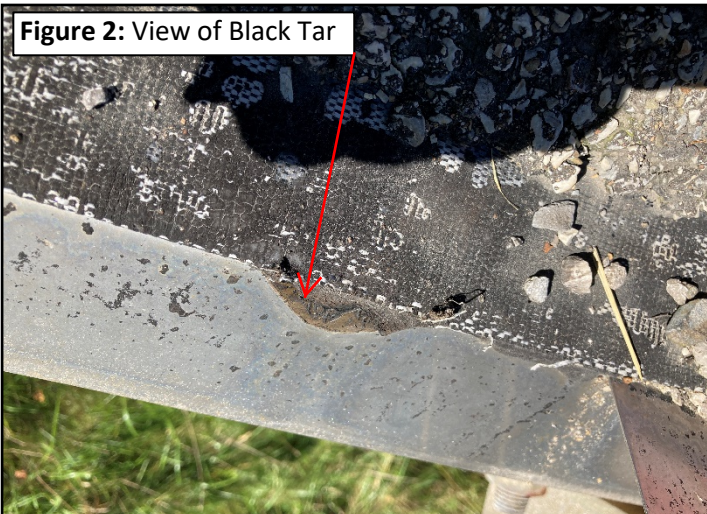
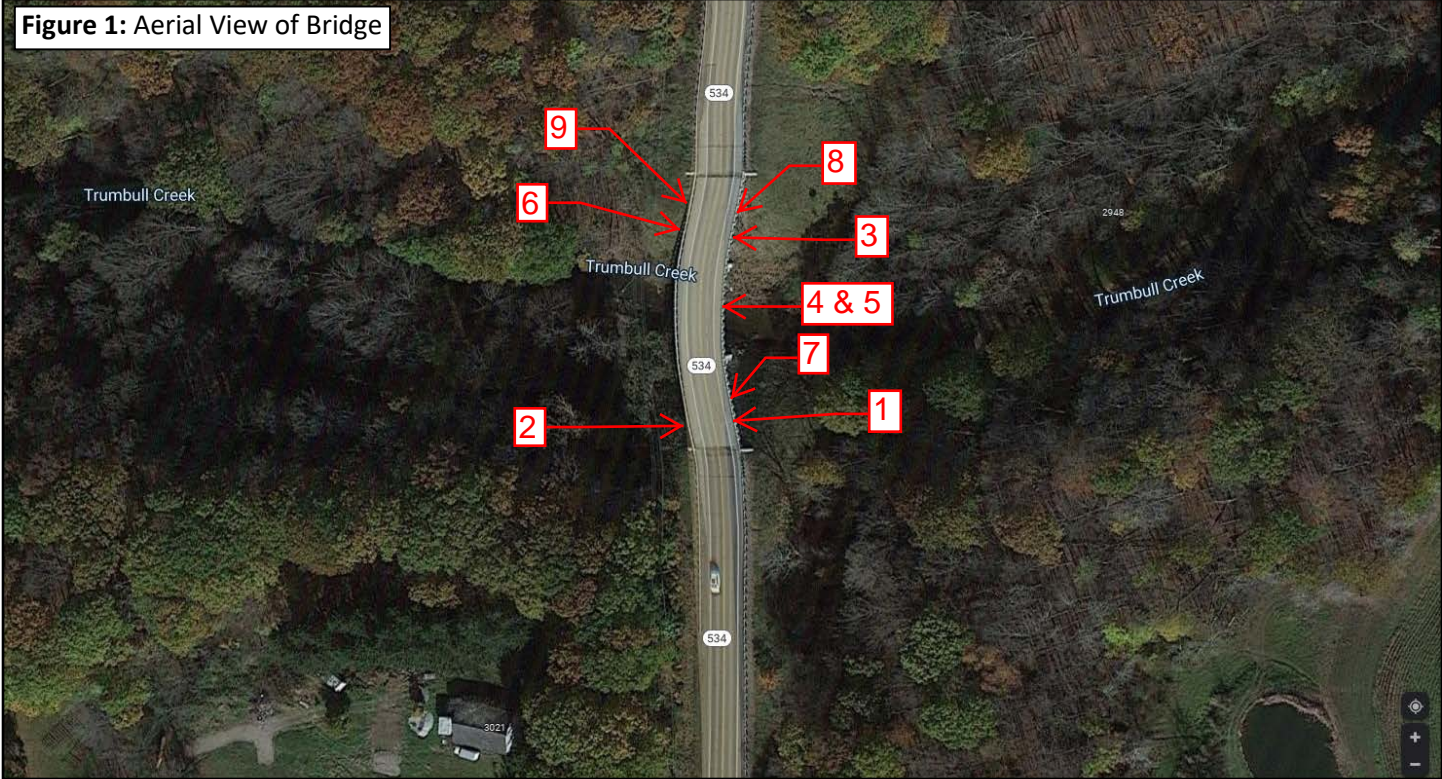
If you have any questions, please contact the Asbestos Program at 614-644-0226 or by email at asbestoslicensing@epa.ohio.gov.

Sincerely,

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



APPENDIX B
BULK SAMPLE DIAGRAM



Lawhon & Associates, Inc.
 ENVIRONMENTAL CONSULTING AND ENGINEERING SERVICES

Columbus
 Cleveland
 Dayton

Bulk Sample Diagram

Inventory Bridge Number: ATB 00534 12060
Structure File Number: 0406988
Date Sampled: October 3, 2022
Surveyors: Will Arnold AHES# 545305
Signature:

Will Arnold

Page 1 of 2

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

Figure 5: Representative View of Bridge



Figure 6: View of Abutment

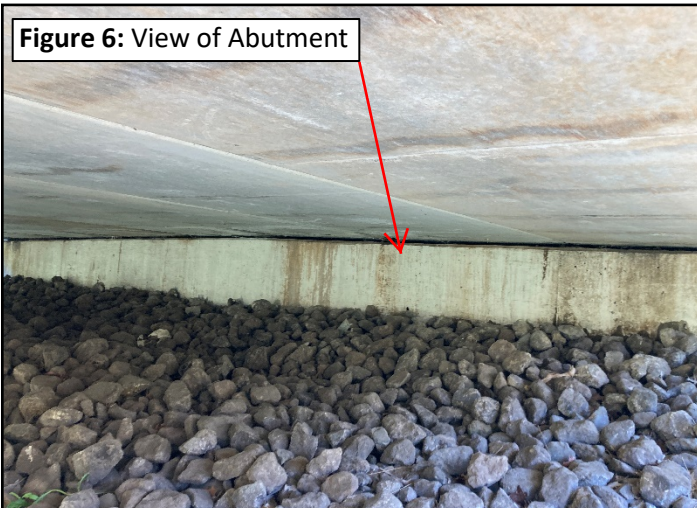


Figure 7: View Below Deck



Figure 8: Representative View of Below Deck



Lawhon & Associates, Inc.
ENVIRONMENTAL CONSULTING AND ENGINEERING SERVICES

Columbus
Cleveland
Dayton

Bulk Sample Diagram

Inventory Bridge Number: ATB 00534 12060

Structure File Number: 0406988

Date Sampled: October 3, 2022

Surveyors: Will Arnold AHES# 545305

Signature:

APPENDIX C
LABORATORY RESULTS AND CHAIN OF CUSTODY



The Identification Specialists

Analysis Report
prepared for
Lawhon & Associates, Inc.

Report Date: 10/12/2022

Project Name: ATB 00534 12060

Project #: 20-0076

SanAir ID#: 22050133



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
22050133
FINAL REPORT
10/12/2022 5:41:01 PM

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

Project Number: 20-0076
P.O. Number:
Project Name: ATB 00534 12060
Collected Date: 10/3/2022
Received Date: 10/5/2022 9:40:00 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, October 05, 2022 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".

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
22050133
 FINAL REPORT
 10/12/2022 5:41:01 PM

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

Project Number: 20-0076
P.O. Number:
Project Name: ATB 00534 12060
Collected Date: 10/3/2022
Received Date: 10/5/2022 9:40:00 AM

Analyst: Chandler, Caroline

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
1 / 22050133-001 Tar, South End, East Side	Black Non-Fibrous Homogeneous		100% Other	None Detected
2 / 22050133-002 Tar, South End, West Side	Black Non-Fibrous Homogeneous		100% Other	None Detected
3 / 22050133-003 Tar, North End, East Side	Black Non-Fibrous Homogeneous		100% Other	None Detected
4 / 22050133-004 Weather Stripping Membrane, Middle, East Side	Black Non-Fibrous Heterogeneous	5% Synthetic	95% Other	None Detected
5 / 22050133-005 Weather Stripping Membrane, Middle, East Side	Black Non-Fibrous Heterogeneous	5% Synthetic	95% Other	None Detected
6 / 22050133-006 Weather Stripping Membrane, North End, West Side	Black Non-Fibrous Heterogeneous	5% Synthetic	95% Other	None Detected
7 / 22050133-007 Paint on Concrete, South End, East Side	Off-White Non-Fibrous Homogeneous		100% Other	None Detected
8 / 22050133-008 Paint on Concrete, North End, East Side	Off-White Non-Fibrous Homogeneous		100% Other	None Detected
9 / 22050133-009 Paint on Concrete, North End, West Side	Off-White Non-Fibrous Homogeneous		100% Other	None Detected

Analyst:

Caroline Chandler

Approved Signatory:

Matt [Signature]

Analysis Date: 10/12/2022

Date: 10/12/2022

Disclaimer

The final report cannot be reproduced, except in full, without written authorization from SanAir. 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. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample and information provided by the client. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Samples are held for a period of 60 days.

For NY state samples, method EPA 600/M4-82-020 is performed.

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 Certifications NVLAP lab code 600227-0
Rhode Island Certification Number: PLM00144

ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY RECORD

Project Name: ATB 00534 12060 Project No.: 20-0076 Project Contact: Matt Geiger Sampler (print): Will Arnold Signature: Will Arnold

Sample I.D. No.	Homog. Area No.	Sample /Homogeneous Area Description	Sample Location	Remarks
1	1	Black Tar	South End, East Side	
2	1		, West Side	
3	1		North End, East Side	
4	2	Weather Stripping Membrane	Middle, East Side	
5	2			
6	2		North End, West Side	
7	3	Paint on Concrete	South End, East Side	Below Deck
8	3		North End, East Side	
9	3		North End, West Side	

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

Relinquished by: (signature) <u>Will Arnold</u>	Date / Time <u>10/1/22 1600</u>	Received by: (signature) <u>RMB</u>	Date / Time <u>10/5/22 9:40 am</u>	Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
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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
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1) Notification Information (Check all that apply)

<input checked="" type="checkbox"/> Original	<input type="checkbox"/> Revision # (count):	<input type="checkbox"/> Installation	<input type="checkbox"/> Emergency	<input type="checkbox"/> Annual	<input type="checkbox"/> Cancellation	County: Ashtabula
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2) Owner, Asbestos Abatement Contractor, Billing and Fire Department Information

Revised?

Owner					
Name: ODOT District 4					Is this a company? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Address: 2088 S. Arlington Road			Contact Person:		
City: Akron		State: Ohio		Zip: 44306	
Email:		Phone: (330) 786-3100		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: Will Arnold	Certification #: ES 545305	Expiration Date: 06/22/2023
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):

Notification of Demolition and Renovation/Abatement

Section 1: General Information

Continued

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

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

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

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

7) Asbestos Waste Transporter (if applicable) Revised?

Transporter #1 Name:					
Address:			Contact Person:		
City:	State:		Zip:		-
Email:	Phone: () -		Fax: () -		
Transporter #2 Name (if applicable):					
Address:			Contact Person:		
City:	State:		Zip:		-
Email:	Phone: () -		Fax: () -		

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

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

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

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

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

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

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

11) Attestation Revised?

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

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



Notification of Demolition and Renovation/Abatement

Section 2: Project Address Specific Information

Division of Air Pollution Control

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

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

Building Name (if applicable): ATB 00534 12060		Site Location (specific): 0.50 Mi N of Sr 166	
Address: 41°40'06.15"N 80°57'14.05"W		County: Ashtabula	
City: Rock Creek	State: OH	Zip: 44084-	
Building Size (square feet): 7,072	No. of Floors:	Age: 29	
Present Use: Bridge		Prior Use:	

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

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

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

	Material to be Removed				Material NOT to be Removed	
	RACM	Non-friable Asbestos-Containing Material		Non-friable Asbestos-Containing Material		
		Category I	Category II	Category I	Category II	
Pipes (linear feet)						
Surface area on other facility components (ft 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: / /
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H. Project Hold Revised?

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