

# ASBESTOS SURVEY REPORT

PUT-CR O-14.74 (PID 117598)

County Road O Bridge Structure (SFN: 6932533)  
over Cranberry Run, Pandora, Ohio 45877



Putnam County Engineer  
Ohio Department of Transportation District 01  
May 08, 2023

Prepared by  
TRC Environmental Corporation  
1382 W. 9<sup>th</sup> St., Suite 400, Cleveland, OH 44113

Putnam County Engineer  
 OHIO DEPARTMENT OF  
TRANSPORTATION

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## 1.0 INTRODUCTION

The Putnam County Engineer in coordination with The Ohio Department of Transportation (ODOT), contracted TRC Environmental Corporation (TRC) to conduct a pre-demolition level asbestos survey (Survey) of the bridge structure identified by Structure File Number (SFN) 6932533 (the “Site”) for the PUT-CR O-14.74 County Road O (PID 117598) project. The Survey work was conducted in accordance with TRC Environmental Service Agreement No. 35956. The purpose of the Survey was to identify asbestos-containing material (ACM) that may require abatement prior to demolition or renovation of the bridge structure.

Mr. Ryan Pulliam (ES35048), TRC Environmental Scientist, conducted the Survey on March 30, 2023. This report summarizes the Survey findings, the material conditions, and the bridge structure conditions as they were observed on the stated date.

Copies of applicable State of Ohio asbestos certifications for Ryan Pulliam are provided in **Appendix A**. A Site figure which identifies asbestos sampling locations are provided in **Appendix B**. Bulk samples laboratory report and Chain of Custody forms are provided in **Appendix C**. The Notification of Demolition and Renovation form is provided in **Appendix D**. A Site photographs log are provided in **Appendix E**.

An ACM inventory, which provides the location, material description, TRC assigned sample number, condition, estimated quantity, and specific notes (if warranted) for all suspect materials identified at the bridge structure, is provided in Table 1.

## 2.0 SCOPE OF WORK

The scope of services for this Site survey consisted of the following tasks:

- Perform an asbestos survey to identify and quantify ACMs on the bridge structure. Suspect ACMs were sampled in accordance with Asbestos Hazard Emergency Response Act (AHERA) sampling requirements, outlined in Chapter 40 of the Code of Federal Regulations (CFR), Part 763.86. Samples collected were analyzed by a National Voluntary Laboratory Accreditation Program (NVLAP)-accredited laboratory for the presence of asbestos. Samples were analyzed using polarized light microscopy (PLM) by U.S. Environmental Protection Agency (EPA) Method 600/R-93/116.
- Prepare tables indicating sample locations, sample types, analytical results, and/or quantities of ACM.
- Prepare drawings indicating the approximate bridge structure configuration, sample locations, and locations of identified ACM.
- Prepare a summary report that documents the findings of the survey, detailing the items listed above including supporting documentation, such as the chain of custody and laboratory analytical results.

## **2.1 Limitations**

This was a comprehensive pre-demolition level inspection; however, there may be isolated areas within the bridge structure that contain hidden ACMs not identified within this report which were not readily visible, accessible and/or discovered during the Survey process. These areas include, but are not limited to, the underside portions of the bridge structure span due to their location over Cranberry Run.

TRC recommends that if hidden suspect ACM is encountered during demolition activities, the material may be either; 1) assumed asbestos and abated accordingly or; 2) sampled by certified personnel and analyzed by an accredited laboratory to determine the nature of the suspect material.

## **3.0 REVIEW OF PRIOR ASBESTOS SURVEY REPORTS**

No other prior asbestos reports were made available for review.

## **4.0 STRUCTURE SUMMARY**

The PUT-CR O-14.74 bridge structure (SFN 6932533) is located on County Road O over Cranberry Run in Pandora, Putnam County, Ohio 45877. The bridge structure is approximately 363 feet to the east of County Road 7-L and approximately 0.59 miles to the west of County Road 6. The bridge structure is comprised of a wood plank and steel superstructure, concrete support footing, and metal guardrails and posts.

## **5.0 ASBESTOS INSPECTION, SAMPLING AND ASSESSMENT PROCEDURES**

### **5.1 Asbestos Containing Materials Terminology**

The U.S. Environmental Protection Agency (EPA) defines ACMs as follows:

1. Friable ACM is defined as, any material containing more than one percent (1%) asbestos as determined using the method specified in Appendix A, Subpart F, 40 CFR Part 763, Section 1, Polarized Light Microscopy (PLM), that, when dry, can be crumbled, pulverized or reduced to powder by hand pressure.
2. Non-friable ACM is any material containing more than one percent (1%) asbestos as determined using the PLM method that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure. The EPA further defines two categories of non-friable ACM:
  - a. Category I (Cat I) - Category I non-friable ACM is any asbestos-containing packing, gasket, resilient floor covering or asphalt roofing product which contains more than one percent (1%) asbestos as determined using PLM, and

- b. Category II (Cat II) - Category II non-friable ACM is any material, excluding Category I non-friable ACM, containing more than one percent (1%) asbestos as determined using PLM that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.
3. Regulated Asbestos-Containing Material (RACM) is (a) friable asbestos material, (b) Category I non-friable ACM that has become friable, (c) Category I non-friable ACM that will be or has been subjected to sanding, grinding, cutting or abrading, or (d) Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations.

## **5.2 General Inspection and Sampling Procedures**

The inspection was performed following the protocol outlined in the EPA AHERA found in EPA 40 CFR 763. Although the AHERA regulations were originally intended for public and private school buildings housing kindergarten through 12<sup>th</sup> grade classes, they have become the accepted industry standard for conducting asbestos investigations in all types of buildings and structures. Occupational Safety and Health Administration (OSHA) regulations also reference AHERA as the required method of conducting asbestos inspections in all public and commercial buildings.

Accessible areas of the bridge structure were visually inspected for suspect ACM. The TRC inspector first grouped suspect materials into homogeneous areas for sampling purposes; homogeneous areas consist of materials with like appearance, color, texture, and application date. A physical assessment was also conducted to determine the current condition and degree of friability. The inspection encompassed both friable and non-friable materials. The inspector then assumed that specific materials remained homogeneous (based upon the material's appearance and application) throughout the areas. In situations where materials appeared to alternate between potentially asbestos-containing and non-asbestos-containing, the inspector looked for visible differences in the materials. If differences were not apparent, professional judgment was incorporated which resulted in the assumption that all materials were asbestos-containing.

## **5.3 Bulk Sample Collection Methods**

To avoid disturbing suspect materials more than necessary and to minimize the potential release of asbestos fibers, bulk sampling was conducted in accordance with the sampling protocol identified in 40 CFR 763. Each sample collected was pre-wetted and obtained using appropriate hand tools. Samples were placed into clean sample bags which were sealed and labeled with a unique sample identification number. Care was taken to obtain a sample that was representative of all layers of the sampled material. The sampling tools were then thoroughly cleaned before collecting the next sample to avoid cross-contamination. Pertinent information, such as the date of inspection, name of the inspector, room/area description, location of the sample, type of material collected, and quantity of material present was recorded in a field sample log. Insulation materials that were determined by the inspector to be exclusively fiberglass or rubber were not sampled.

#### 5.4 Analysis of Bulk Samples

A total of six (6) bulk samples of suspect ACM were collected during the assessment, each of which were submitted to and analyzed by TRC Industrial Hygiene Laboratory (TRC Lab) located in Windsor, Connecticut. The TRC Lab is accredited through the American Industrial Hygiene Association (AIHA), and the National Voluntary Laboratory Accreditation Program (NVLAP) for PLM analysis (NVLAP #101424-0).

The TRC Lab analyzed the bulk samples using PLM. The PLM analytical method is used for qualitative identification of six (6) different types of asbestos fibers: Chrysotile, Amosite, Crocidolite, Anthophyllite, Tremolite, and Actinolite. The method requires the laboratory to take a portion of the sample and treat it with oil having a specific refractive index. This prepared slide is then subjected to microscopic testing necessary to identify the asbestos type, as each type displays unique characteristics when subjected to these tests. Quantification of asbestos listed on the laboratory reports was determined by observing the material through a stereoscope and assigning a visual estimation.

#### 5.5 Reporting of Analysis Results

The PLM method specifies that the asbestos content in a bulk sample shall be estimated and reported as a finite percentage (rounded to the nearest percent) within the range of 0 to 100. Minute quantities of asbestos in bulk samples may be reported as “trace” or less than one percent. The composition of the bulk sample is reported in percentages of asbestos and non-asbestos components.

#### 5.6 Asbestos Assessment Findings

Asbestos was not detected in any of the suspected materials sampled as part of this asbestos survey. Materials that were sampled are identified in **Table 1** below. Laboratory reports and chain of custody records for each sample are presented in **Appendix C**.

**Table 1 – Summary of Materials Sampled for Asbestos**

Bridge Structure PUT-CR 0-14.74							
Sample Number	Material	Sample Location(s)	Percentage / Type of Asbestos	Approx. Quantity	Condition	Type	NESHAP Category
14.71-01 14.71-02 14.71-03	White Reflector and Glue	Metal Guardrails Located on the North and South Bridge Sides	ND	5 SF	Fair	NA	NA

Bridge Structure PUT-CR 0-14.74							
Sample Number	Material	Sample Location(s)	Percentage / Type of Asbestos	Approx. Quantity	Condition	Type	NESHAP Category
14.71-04 14.71-05 14.71-06	Black Asphalt Tar	Northeast Side of the Bridge Abutment	ND	891 SF	Good	NA	NA

**Notes:**

SF – Square Feet; LF – Linear Feet, NF –Non-friable; Cat II – Category II ACM; NA – Not Applicable; ND – None Detected to < 1% ACM

**6.0 CONCLUSIONS AND RECOMMENDATIONS**

Results of laboratory analysis confirmed asbestos was not identified in any of the bulk samples collected in the bridge structure.

Prior to actual demolition activities, it is recommended that the enclosed *Notification of Demolition and Renovation /Abatement* form be submitted to Ohio EPA, which has been started and is included in **Appendix D**.

**7.0 DISCLAIMER**

The content presented in this survey report is based on data collected during the site survey and information provided by the review of pertinent regulations, requirements, guidelines and commonly followed industry standards, and information provided (if any) by the Client, property owner, agents, and representatives.

The work has been conducted in an objective and unbiased manner and in accordance with generally accepted professional practice for this type of work. TRC believes the data and analysis to be accurate and relevant but cannot accept responsibility for the accuracy or completeness of available documentation or possible withholding of information by other parties. Structure or components thereof surveyed may contain hidden surfaces or materials requiring destructive access to survey and/or sample. It is possible that additional materials could be discovered during destructive, demolition, and/or excavation activities. In the event additional materials (not identified herein) are discovered during such activities, additional survey and sampling may be necessary.

This supplemental environmentally-regulated materials survey report is designed to aid the property owner, architect, construction manager, general contractor, and asbestos abatement contractor in locating ACM. This report is not intended for and may not be utilized as a bidding document or as an abatement project specification document.

## 8.0 CERTIFICATION

TRC hereby certifies that the services conducted and described in this document and the findings resulting from those services reported herein have been provided in a manner consistent with the current standards of the profession, and to the best of our knowledge, comply with applicable federal, state, and local statutes, regulations, and ordinances. If there are any questions concerning information contained in this report, please contact the undersigned at (216) 344-3072.

Sincerely,

### TRC Environmental Corporation

Report Prepared By:



Ryan Pulliam  
Asbestos Inspector (ES35048)

Reviewed by:



Seda Ergun  
Principal/Market Director



**APPENDIX A**  
**TRC CONSULTANT CERTIFICATIONS**



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

4/25/2022

Ryan Pulliam  
TRC  
1382 W. 9th St., Suite 400  
Cleveland, OH 44113

RE: Evaluation Specialist  
Certification Number: ES35048  
Expiration Date: 4/19/2023

Dear Ryan Pulliam:

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](mailto:asbestoslicensing@epa.ohio.gov).

Sincerely,

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



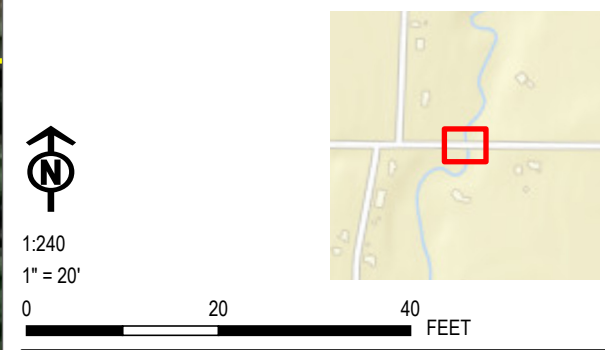
**APPENDIX B**  
**SITE FIGURE**

Coordinate System: NAD 1983 StatePlane Ohio North FIPS 3401 Feet; Map Rotation: 0  
-- Saved By: EDOUMA on 4/26/2023, 14:37:41 PM; File Path: T:\1-PROJECTS\Ohio\_DOT\422727-0014\_PUT-CR-0-14712-APRX\Asbestos.aprx; Layout Name: Fig01\_SampLocs



- PROJECT STUDY AREA
- SAMPLE LOCATIONS

BASE MAP: GOOGLE MAPS, JUNE 2022.  
DATA SOURCES: TRC



PROJECT: <b>PUT-CR 0-14.74</b>	
<b>COUNTY ROAD O OVER CRANBERRY RUN</b>	
<b>PANDORA, PUTNAM COUNTY, OH 45877</b>	
TITLE: <b>SAMPLE LOCATION MAP</b>	
DRAWN BY: E. DOUMA	PROJ. NO.: 422727.0014
CHECKED BY: R. PULLIAM	<b>FIGURE 1</b>
APPROVED BY: S. ERGUN	
DATE: APRIL 2023	
	1382 WEST NINTH STREET SUITE 400 CLEVELAND, OH 44113 PHONE: 216-344-3072
FILE:	Asbestos.aprx

## **APPENDIX C**

### **LABORATORY REPORTS AND CHAIN-OF-CUSTODY FORMS**



**BULK ASBESTOS ANALYSIS REPORT**

CLIENT: Ohio Department of Transportation

Lab Log #: 0061674

Project #: 422727.0014.0000

Date Received: 04/03/2023

Date Analyzed: 04/05/2023

Site: PUT-CR 0-14.71

**POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116**

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
14.71-01	NE guard rail	White reflector/glue	---	ND	None
14.71-02	SE guard rail	White reflector/glue	---	ND	None
14.71-03	NW guard rail	White reflector/glue	---	ND	None
14.71-04	NE abutment	Black asphalt tar	---	ND	None
14.71-05	SE abutment	Black asphalt tar	---	ND	None
14.71-06	SW abutment	Black asphalt tar	---	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2023. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2024. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested, as received by the laboratory.

Analyzed by: Kathleen Williamson Reviewed by: Joel Corso Date Issued: 04/05/2023  
 Kathleen Williamson, Laboratory Manager Joel Corso, Approved Signatory

**TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS**

NVLAP Lab Code 101424-0 AIHA-LAP, LLC #100122 CT #PH-0426 ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622  
 RI #PLM0007 TX #300354 VT #AL910359 LA#05011 VA #3333 000283 AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907  
 CO# AL-15020 PHIL# 461 PA#68-03387

TRC ENVIRONMENTAL CORPORATION  
 1382 W. 9th St., Suite 400  
 Cleveland, OH 44113  
 PHONE: (216) 344-3072  
 E-MAIL: rpulliam@trccompanies.com



**ASBESTOS BULK SAMPLING  
 CHAIN OF CUSTODY**

TRC ENVIRONMENTAL LABORATORY  
 21 GRIFFIN ROAD NORTH  
 WINDSOR, CT 06095  
 PHONE: (860) 298-9692

LAB ID #: 61674

PROJECT NUMBER		PROJECT NAME		PARAMETERS						TURNAROUND TIME					
422727 0014		PUT-CH 0-14.71								PLM:	8hr	24hr	48hr	X	3day
SIGNATURE		INSPECTOR								TEM:	24hr	48hr	3day	5day	
		Ryan Pulliam (ES35048)								MATERIAL					
FIELD SAMPLE NUMBER	DATE	TIME	TYPE		SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)						TEM NY NOB 198.4 (IF PLM SERIES NEG)
			COMP	GRAB											
1471-01	3/30/23	1230		X	NE guardrail	X							Reflector + glue		
1-02	↓	↓			SE guardrail	↓							↓		
1-03	↓	↓			NW guardrail	↓							↓		
1-04	↓	↓			NE abutment	↓							Black asphalt tar		
1-05	↓	↓			SE abutment	↓							↓		
1-06	↓	↓			SW abutment	↓							↓		

Relinquished by: (Signature) 	Date: 3/31/23	Received by: (Signature) 	4/3/23	Relinquished by: (Signature)	Date:	Received by: (Signature)
(Printed) Ryan Pulliam	Time: 1330	(Printed) William	1000	(Printed)	Time:	(Printed)
Remarks: Samples taken in OH				Condition of Samples: Acceptable: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Page 1 of 1

**APPENDIX D**

**NOTIFICATION OF DEMOLITION  
AND RENOVATIONS /ABATEMENT FORM**





# Notification of Demolition and Renovation/Abatement

## Section 1: General Information

Division of Air Pollution Control

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

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

<input checked="" type="checkbox"/> Original	<input type="checkbox"/> Revision # (count):	<input type="checkbox"/> Installation	<input type="checkbox"/> Emergency	<input type="checkbox"/> Annual	<input type="checkbox"/> Cancellation	<b>Project County: Putnam</b>
<input type="checkbox"/> NESHAP Residential Exemption						

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

Revised?

<b>Owner</b>		
Name: Putnam County Engineer	Is this a company? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Address: 245 E. Main St., Suite 205	Contact Person: Michael L. Lenhart, P.E, P.S.	
City: Ottawa	State: OH	Zip: 45875
Email:	Phone: 419.523.6931	Fax:
<b>Asbestos Abatement Contractor (if applicable)</b>		
Name:	License #: AC	Expiration Date: / /
Address:	Contact Person:	
City:	State:	Zip: -
Email:	Phone: ( ) -	Fax: ( ) -
<b>Billing Contact (Entity paying for original notification)</b>		
Is this contact associated with the <input checked="" 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: ( ) -
<b>Fire Department (if applicable)</b>		
Name:	Contact Person:	
Address:	Contact Person:	
City:	State:	Zip: -
Email:	Phone: ( ) -	Fax: ( ) -

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

Revised?

Evaluation Specialist: Ryan Pulliam	Certification #: ES35048	Expiration Date: 04 / 19 / 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 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 checked="" type="checkbox"/> Wet Methods <input checked="" type="checkbox"/> Manual Demolition <input checked="" type="checkbox"/> Mechanical Demolition <input type="checkbox"/> Other (Explain):	
Description of affected facility components (include attachment if necessary): No affected components	

# Notification of Demolition and Renovation/Abatement

## Section 1: General Information

Continued

Mail completed form and payment to:  
Ohio EPA, DAPC – Asbestos  
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"/> Cat II
Engineering Controls:	<input checked="" type="checkbox"/> Wet Methods	<input type="checkbox"/> Glove Bag	<input type="checkbox"/> NPE <input type="checkbox"/> AFD <input type="checkbox"/> Other:
Work Practices:	<input checked="" type="checkbox"/> Intact Removal	<input checked="" type="checkbox"/> Manual	<input checked="" 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: <i>Michael L. Lenhart</i>	Date: <i>3/6/2024</i>
Name: <i>Michael L. Lenhart P.E., P.S.</i>	Title: <i>Putnam County Engineer</i>
Organization: <i>Putnam County Engineer, 245 E. Main St., Suite 205, Ottawa, OH 45875</i>	



# 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): PUT-CR O-14.74		Site Location (specific): 41.574837 N, 83.591570 W	
Address: County Road O over Cranberry Run			
City: Pandora	State: OH	Zip: 45877	
Building Size (square feet): ~ 855 Sqft.	No. of Floors:	Age: > 40 years	
Present Use: Roadwaybridge	Prior Use:		

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

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

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

Setup Date: / /			Abatement Date: / /			Complete Date: / /	
(Shift 1) Time start/end on site	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Abatement Specialist Name:				Certification #: AS		Expiration Date: / /	
(Shift 2) 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?

Asbestos Abatement Offsite/On Hold as of Date: / /	Asbestos Abatement On Site/Off Hold, Work Resume Date: / /
Demolition Offsite/On Hold as of Date: / /	Demolition On Site/Off Hold, Work Resume Date: / /


**APPENDIX E**  
**PHOTOGRAPHIC LOG**

## Photographic Log

<b>Client Name:</b> Putnam County Engineer & Ohio Department of Transportation		<b>Site Location:</b> County Road O Over Cranberry Run, Pandora, Ohio 44877	<b>Project No.:</b> 422727.0014
<b>Photo No.</b> 1	<b>Date</b> March 30, 2023		
<b>Description:</b> View of the bridge deck on County Road O, facing east.			


<b>Photo No.</b> 2	<b>Date</b> March 30, 2023		
<b>Description:</b> View of bridge structure over Cranberry Run, facing northeast.			

## Photographic Log

<b>Client Name:</b> Putnam County Engineer & Ohio Department of Transportation		<b>Site Location:</b> County Road O Over Cranberry Run, Pandora, Ohio 44877	<b>Project No.:</b> 422727.0014
<b>Photo No.</b> 3	<b>Date</b> March 30, 2023		
<b>Description:</b> Underside view of bridge deck over Cranberry Run, facing northeast.			

<b>Photo No.</b> 4	<b>Date</b> March 30, 2023		
<b>Description:</b> Example view of sample material 14.71-01 - 03: reflector and adhesive, located along metal guardrails, facing southeast.			

## Photographic Log

<b>Client Name:</b> Putnam County Engineer & Ohio Department of Transportation		<b>Site Location:</b> County Road O Over Cranberry Run, Pandora, Ohio 44877	<b>Project No.:</b> 422727.0014
<b>Photo No.</b> 5	<b>Date</b> March 30, 2023		
<b>Description:</b> View of sample material 14.71-04 – 06: black tar asphalt, located on bridge abutments, facing south.			