



OHIO DEPARTMENT OF TRANSPORTATION

DISTRICT 1 • 1885 NORTH McCULLOUGH ST. • LIMA, OHIO 45801 • (419) 222-9055

JOHN R. KASICH, GOVERNOR • JERRY WRAY, DIRECTOR • KIRK SLUSHER, P.E., DISTRICT DEPUTY DIRECTOR

August 16, 2016

Re: Asbestos Survey of HAN-75-14.77 for PID: 87005

On 8-10-2016 Tim Ziessler (AHES # 35307) of the Ohio Department of Transportation conducted an asbestos survey on a bridge over CR 144, Harrison Street. The purpose of this survey was to determine the presence of asbestos-containing materials located in/on the structure prior to repair.

The survey consisted of an inspection of all accessible areas on top of and below the structure to confirm the presence, location and quantities of suspected asbestos-containing materials. Bulk samples were collected from materials that could potentially be impacted in the repair of the following structure:

CRS: HAN-75-14.77 PID: 87005 SFN: 3202852

After collection, the bulk samples that were submitted to Allied Environmental Services, Inc. for analysis by Polarized Light Microscopy to determine asbestos type and content, if any.

Laboratory analyses indicate that asbestos was detected in the bulk samples.

Attachments:

Attachment A; Laboratory results and chain-of-custody documentation for the bulk samples collected

Attachment B: Ohio Department of Health certification for Tim Ziessler, Asbestos Hazard Evaluation Specialist

Attachment C: Ohio Environmental Protection Agency Notification of Demolition and Renovation

SanAir Technologies Laboratory

Analysis Report

prepared for

**Allied Environmental Services,
Inc.**

Report Date: 8/15/2016
Project Name: HAN-75-14.39
Project #: 87005
SanAir ID#: 16028312



NVLAP LAB CODE 200870-0



Certification # 652931



License # LAB0166



804.897.1177

www.sanair.com



SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: <http://www.sanair.com> E-mail: iaq@sanair.com

Allied Environmental Services, Inc.
585 Liberty Commons Parkway
Lima, OH 45804

August 15, 2016

SanAir ID # 16028312
Project Name: HAN-75-14.39
Project Number: 87005

Dear Timothy J Ziessler,

We at SanAir would like to thank you for the work you recently submitted. The 8 sample(s) were received on Thursday, August 11, 2016 via FedEx. The final report(s) is enclosed for the following sample(s): H-1, H-2, H-3, H-4, H-5, H-6, H-7, H-8.

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,

Sandra Sobrino
Asbestos & Materials Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:

- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

sample conditions:

8 sample(s) in Good condition



SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

16028312

FINAL REPORT

Name: Allied Environmental Services, Inc.
Address: 585 Liberty Commons Parkway
Lima, OH 45804

Project Number: 87005
P.O. Number:
Project Name: HAN-75-14.39

Collected Date: 8/10/2016
Received Date: 8/11/2016 2:00:00 PM
Report Date: 8/15/2016 3:50:16 PM
Analyst: Pisula, Nicholas

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
H-1 / 16028312-001 Expansion Material At Wingwalls HAN-68-15.31	Brown Fibrous Homogeneous	95% Cellulose	5% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
H-2 / 16028312-002 Expansion Material At Wingwalls HAN-68-15.31	Brown Fibrous Homogeneous	95% Cellulose	5% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
H-3 / 16028312-003 Caulking Under The Aluminum Rail Anchor Posts HAN-75-14.77	Grey Non-Fibrous Homogeneous		100% Other	< 1% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
H-4 / 16028312-004 Caulking Under The Aluminum Rail Anchor Posts HAN-75-14.77	Grey Non-Fibrous Homogeneous		100% Other	< 1% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
H-5 / 16028312-005 Caulking At Vandal Fence Anchor Posts HAN-75-14.77	Off-White Non-Fibrous Homogeneous		100% Other	None Detected


SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
H-6 / 16028312-006 Caulking At Vandal Fence Anchor Posts HAN-75-14.77	Off-White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
H-7 / 16028312-007 Expansion Material Between Pier Columns And Parapet HAN-75-1	Black Fibrous Homogeneous	95% Cellulose	5% Other	None Detected

Certification

Analyst: 

Analysis Date: 8/15/2016

Approved Signatory: 

Date: 8/15/2016



SanAir Technologies Laboratory, Inc.

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SanAir ID Number

16028312

FINAL REPORT

Name: Allied Environmental Services, Inc.
Address: 585 Liberty Commons Parkway
Lima, OH 45804

Project Number: 87005
P.O. Number:
Project Name: HAN-75-14.39

Collected Date: 8/10/2016
Received Date: 8/11/2016 2:00:00 PM
Report Date: 8/15/2016 3:50:16 PM
Analyst: Pisula, Nicholas

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
H-8 / 16028312-008 Expansion Material Between Pier Columns And Parapet HAN-75-1	Black Fibrous Homogeneous	95% Cellulose	5% Other	None Detected

Certification

Analyst: 

Analysis Date: 8/15/2016

Approved Signatory: 

Date: 8/15/2016



566 Liberty Commons Pkwy., Lima, Ohio 45804 (419) 227-4004

Sampling Form - Chain of Custody

Project No. 87005

Project HAN-75-14.39

Fax (419) 229-4106

Page 5 of 7

Location HAN-68-15.31

Sampler's Name Timothy J Zessler

Sampler's Signature *Timothy J Zessler*

No.	Sample ID	Date	Sample Location			Result (fiec)	Sample Time On	Sample Time Off	Flow Rate (lpm)	Total Volume	Total # of Containers	PLM (NIOSH 7402)	PCM (NIOSH 7400)	Total Pb (NIOSH 7420)	Lab Comments/ Lab Numbers
			AsAir	AsAsb	AsPb										
1	H-1	8-10-2016	B	A	Expansion material at wingwalls										
2	H-2	8-10-2016	B	A	Expansion material at wingwalls										
3															
4															
5															
6															
7															
8															
9															
10															

No.'s Relinquished By: *Timothy S Zessler* Date/Time: *8-10-16 12:30* Received By: *[Signature]* Date/Time: *8-10-16 13:00*

No.'s Relinquished By: *[Signature]* Date/Time: *8-10-16 13:00*

LAB USE ONLY

Were samples delivered: In person by courier

Were samples preserved: In field In lab N/A

Temp. inside cooler: C F

Did samples arrive intact? Yes no N/A

Were proper containers used? Yes no N/A

Work conditions:

Comments:

AC

AUG 11 2016

10:05AM

16028312



586 Liberty Commons Pkwy., Lima, Ohio 45804 (419) 227-4004

Sampling Form - Chain of Custody

Project No. 87005

Project HAN-75-14.39

Fax (419) 229-4108

Page 1 of 2

16028312

Location HAN-75-14.77
Sampler's Name Timothy J Ziesler

Sampler's Signature *Timothy J Ziesler*

No.	Sample ID	Date	Media		Sample Location	Result (floc)	Sample Time On	Sample Time Off	Flow Rate (lpm)	Total Volume	Total # of Containers	PLM (NIOSH 7402)	PCM (NIOSH 7400)	Total Pb (NIOSH 7420)	Lab Comments/ Lab Numbers
			A=Air B=Bulk W=Wipe	A=Asb P=Pb											
1	H-3	8-10-2016	B	A	Caulking under the aluminum rail anchor posts										
2	H-4	8-10-2016	B	A	Caulking under the aluminum rail anchor posts										
3	H-5	8-10-2016	B	A	Caulking at vandal fence anchor posts										
4	H-6	8-10-2016	B	A	Caulking at vandal fence anchor posts										
5	H-7	8-10-2016	B	A	Expansion material between pier columns and parapet										
6	H-8	8-10-2016	B	A	Expansion material between pier columns and parapet										
7															
8															
9															
10															
No.'s Relinquished By: Timothy J Ziesler		Date/Time: 8-10-16 12:30	Received By: <i>[Signature]</i>		Date/Time: 8-10-16 13:00	Work conditions:									
No.'s Relinquished By: <i>[Signature]</i>		Date/Time: 8-10-16 13:00	Comments: CONTRACT: BRITANNY BIANCO												
TURNAROUND TIME															
LAB USE ONLY															
Were samples delivered: <input type="checkbox"/> in person <input type="checkbox"/> by courier															
Were samples preserved: <input type="checkbox"/> in field <input type="checkbox"/> in lab															
Temp. inside cooler: <input type="checkbox"/> C <input type="checkbox"/> F															
Did samples arrive intact? <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> N/A															
Were proper containers used? <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> N/A															

MC AUG 11 2016 10:05AM

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.

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.

NY ELAP lab ID 11983

State of Ohio
Department of Health
Asbestos Program

Asbestos Hazard Evaluation Specialist



Timothy J Ziessler

**11770 State Highway 294
Upper Sandusky OH 43351**

DOB: 05/05/1960

Certification Number	Expiration Date
ES35307	04/11/2017

This certification is issued pursuant to Chapter 3710 of the Revised Code and 3701-34 of the Ohio Administrative Code

Certification Card is not valid if altered

**OHIO ENVIRONMENTAL PROTECTION AGENCY
NOTIFICATION OF DEMOLITION AND RENOVATION**

Operator Project #	Postmark	Date Received	Notification #
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I. Type of Notification (check one): Original Revised Canceled

II. Facility Description (include building name, number, and floor or room number)
 Building Name: HAN-75-14.77
 Address: US75 over CR 144, Harrison St.
 City: Findlay State: **OHIO** Zip Code: 45840 County: Hancock
 Site Location (specific): 41.0227780, -83.6815940
 Building Size (square feet): _____ # of Floors: _____ Age in Years: 60
 Present Use: Bridge Prior Use: Bridge

III. Type of Operation (check one): Demo Ordered Demo Renovation Emergency Renovation Fire Training

IV. Is Asbestos Present? (check one): Yes No

V. Facility Information
Owner Name: Ohio Department of Transportation
 Address: 1885 N. McCullough St
 City: Lima State: Ohio Zip Code: 45801
 Contact: Brittany Bianco Telephone: (419) 999-6888 Fax: (_____)
Removal Contractor Name: _____ License # _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Contact: _____ Telephone: (_____) Fax: (614)
Other Operator (demolition/general): _____ License # _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Contact: _____ Telephone: (_____) Fax: (_____)

VI. Procedure, including analytical methods, employed to detect the presence of and to estimate the quantity of RACM and Category I and Category II nonfriable ACM:

Ohio Asbestos Hazard Evaluation Specialist: Tim Ziessler ES35307
 Name Certification #

VII. Approximate Amount of Asbestos Materials:

	RACM to be Removed	Nonfriable Asbestos Material to be Removed		Nonfriable Asbestos Material NOT to be Removed	
		Category I	Category II	Category I	Category II
Pipes (linear feet)					
Surface Area (square feet)					
Facility Components (cubic feet)					

VIII. Scheduled Dates Demolition or Renovation: Start: _____ Complete: _____

IX. Dates for Asbestos Removal (MM/DD/YY) Start: _____ Complete: _____

Days of the Week:	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Hours of Operation:							

Complete all unshaded spaces, except demolitions which involve less than 260 linear feet, 160 square feet, or 35 cubic feet of RACM, need not complete spaces XI, XII, XIII, XIV, and XV. Notifications for Emergency Demolition or Emergency Renovation must supply attachments.

**OHIO ENVIRONMENTAL PROTECTION AGENCY
NOTIFICATION OF DEMOLITION AND RENOVATION**

X. Description of planned Demolition or Renovation work to be performed and method(s) to be employed, including demolition or renovation techniques to be used and description of affected facility components:

XI. Description of work practices and engineering controls to be used to comply with the requirements, including asbestos removal and waste handling emission control procedures:

XII. Waste Transporter #1

Name: _____
Address: _____
City: _____ State: _____ Zip Code: _____
Contact: _____ Telephone: () _____ Fax: () _____

Waste Transporter #2

Name: _____
Address: _____
City: _____ State: _____ Zip Code: _____
Contact: _____ Telephone: () _____ Fax: () _____

XIII. Waste Disposal

Name: _____
Address: _____
City: _____ State: _____ Zip Code: _____
Contact: _____ Telephone: () _____ Fax: () _____

XIV. Emergency Demolition (complete Item XIV and all other sections, only if this project is an Emergency Demo.)

1. Attach a copy of the Order to this notice.
2. Name of Authority Issuing Order: _____ Title: _____
3. Authority of Order (Citation of Code): _____
4. Date of Order (MM/DD/YY): _____ Date Ordered to Begin: _____

XV. Emergency Renovation (Attach separate sheet with the following information if project is Emergency Reno.)

1. Date and Hour of the Emergency
2. Description of the Sudden, Unexpected Event
3. Explanation of how the event caused unsafe conditions or equipment damage or an unreasonable financial burden.

XVI. Description of procedures to be followed in the event that unexpected RACM is found or nonfriable ACM becomes crumbled, pulverized or reduced to powder.

XVII. I certify that an individual trained in the provisions of NESHAPS (40 CFR PART 61, SUBPART M) will be on-site during the Demolition or Renovation and evidence that the required training has been accomplished by this person will be available during normal business hours.

Signature of Owner/Operator Date Type or Print Name and Title

XVIII. I acknowledge the existence of laws prohibiting the submission of false or misleading statements and I certify that facts contained in this notification are true, accurate, and complete.

Signature of Owner/Operator Date Type or Print Name and Title

Original Notification must be mailed or hand delivered at least ten working days (Monday-Friday excluding weekends) before demolition or renovation begins, except emergency demolitions and emergency renovations (see regulation) which must be submitted as soon as possible before operations begin, but no later than the following work day. (Form Revised 1/5/09)