Asbestos Demolition Survey Report

PREPARED FOR:

ODOT District 6

FOR THE PROPERTY:

DEL-US36-18.79
8579 State Route 37
Sunbury, Ohio

Project Number P403220072
Acquisition Parcel No. 20-WVD, SH1, SH2, SH3, CHV, T / Relocation Parcel Nos. 20-OB1, OB2 & 20-1

December 20, 2022

Submitted by
TRANSYSTEMS CORPORATION

400 W Nationwide Boulevard, Suite 225
Columbus, Ohio 43215
Tel.: 614.433.7800
Fax: 614.846.2602

EXECUTIVE SUMMARY

On December 1st, 2022 TranSystems' accredited Ohio Asbestos Hazard Evaluation Specialist, Jessica Deeds (Certification #ES35919, expires 7/14/2023) and Brian S. Metz (Certification #ES33716, expires 7/5/2023) conducted an asbestos inspection for the structure to be demolished located 8579 State Route 37 in Sunbury, Delaware County, Ohio for the DEL-US37-18.79 improvement project. During the survey, all accessible areas of the building were inspected for suspect ACBM.

A two story, 1,760-square foot residential structure turned into an office for an insurance agency is located on the Property. The structure is a wood frame, old farm house style home with a block foundation and unfinished basement. The first floor of the structure is composed of front lobby, an office room blocked off with temporary cubicle walls, a small restroom, an open space, and a small room at the north end of the first floor with concrete walls and unfinished ceiling with a stairwell leading down to the unfinished basement. The flooring throughout the first floor consists of a top layer of carpet over a layer of hardwood followed by black tar paper and a second layer of wood. Ceilings on the first floor are composed of 2x2 drop ceiling tiles. The walls of the first floor are composed of laminate wood paneling over a layer of black tar paper followed by pink fiberglass roll insulation and wood. The second floor of the structure has walls and a ceiling composed of drywall with joint compound and flooring composed of a top layer of carpet followed by plywood and hardwood. Additionally, the ceiling of the second floor as a textured skim coat. Window glazing was observed on all windows within the structure. The roof of the structure is composed of asphalt shingles. The exterior of the structure contains metal siding on the bottom ¼ over wood siding, which is found on the remaining ¾ of the structure. The structure was vacant at the time of sampling.

Below is a list of the building materials, which tested positive for asbestos during laboratory analysis as well as their location within the building.

Positive Samples

- Homogenous Area (HA) – 4: Drywall with joint compound found on the walls of both the first and second floors of the structure. This material contains 3% chrysotile asbestos. There is approximately 1,760 square feet of this material within the structure.
- Homogenous Area (HA) – 5: Skim coat found on the ceiling of the second floor of the structure only. This material contains 3% chrysotile asbestos. There is approximately 880 square feet of this material within the structure.

Laboratory analysis indicated that all of the other samples collected of suspect material were not asbestos containing. All ACM material should be disposed of in an approved EPA facility. All quantities were based on visual estimations and should not be used for bid purposes.

No further investigation is warranted. In the event additional suspect ACBM is discovered after demolition activities have begun, the contractor should contact a certified asbestos hazard evaluation specialist to conduct bulk sampling of the suspect material and wait for analytical results prior to continuing demolition activities. A Notification of Demolition form should be completed and submitted to the Ohio Environmental Protection Agency at least ten working days prior to demolition activities. A Notification of Demolition form has been partially completed for the structure, and is included in Appendix E.

1.0 INTRODUCTION

TranSystems Corporation conducted an asbestos demolition survey for the structure located at 8579 State Route 37 in Sunbury, Delaware County, Ohio for the DEL-US36-18.79 improvement project. The purpose of the survey was to determine the presence, amount, location and condition of friable and non-friable asbestos-containing building materials (ACBM). The inspection included all accessible areas of the building. A site vicinity map is presented in Appendix A indicating the location of the property.

1.1 Limitations of Survey

This Inspection/Sampling Report meets the requirements of Subpart M of the National Emissions Standard for Hazardous Pollutants (NESHAP).

Please note that no asbestos survey can wholly eliminate uncertainty regarding the potential presence of asbestos within a structure. TranSystems has attempted to reduce those uncertainties through the use of standard sampling and analytical procedures. The findings of the report, based on those procedures, do not guarantee that there is no other asbestos within the inspected structures.

This report has been prepared by TranSystems Corporation for the sole use of The Ohio Department of Transportation. Any use of this report or the information contained herein by persons or entities other than The Ohio Department of Transportation, will be at the sole risk and liability of such person or entity. TranSystems Corporation will not be liable for any damages resulting from such third party use.

2.0 SAMPLING AND ANALYSIS METHODOLOGY

2.1 Sampling Procedures

On December 1st, 2022 TranSystems' accredited Ohio Asbestos Hazard Evaluation Specialist, Jessica Deeds (Certification #ES35919, expires 7/14/2023) and Brian S. Metz (Certification #ES33716, expires 7/5/2023) conducted an asbestos inspection for the structure to be demolished located 8579 State Route 37 in Sunbury, Delaware County, Ohio for the DEL-US37-18.79 improvement project. During the survey, all accessible areas of the building were inspected for suspect ACBM.

A two story, 1,760-square foot residential structure turned into an office for an insurance agency is located on the Property. The structure is a wood frame, old farm house style home with a block foundation and unfinished basement. The first floor of the structure is composed of front lobby, an office room blocked off with temporary cubicle walls, a small restroom, an open space, and a small room at the north end of the first floor with concrete walls and unfinished ceiling with a stairwell leading down to the unfinished basement. The flooring throughout the first floor consists of a top layer of carpet over a layer of hardwood followed by black tar paper and a second layer of wood. Ceilings on the first floor are composed of 2x2 drop ceiling tiles. The walls of the first floor are composed of laminate wood paneling over a layer of black tar paper followed by pink fiberglass roll insulation and wood. The second floor of the structure has walls and a ceiling composed of drywall with joint compound and flooring composed of a top layer of carpet followed by plywood and hardwood. Additionally, the ceiling of the second floor as a textured skim coat. Window glazing was observed on all windows within the structure. The roof of the structure is composed of asphalt shingles. The exterior of the structure contains metal siding on the bottom ¼ over wood siding, which is found on the remaining ¾ of the structure. The structure was vacant at the time of sampling.

Materials visually determined to be suspect were sampled according to the sampling protocol. The following is a summary of the materials noted:

Thermal System Insulation

No thermal system insulation was observed within the structure.

Surfacing Materials

A textured skim coat was observed on the ceiling of the second floor of the structure. No other surfacing materials were observed.

Miscellaneous Materials

Drywall with joint compound was observed on the walls of the first and second floor of the structure. A layer of black tar paper was observed under the drywall on the walls on the first floor of the structure. The same black paper was observed under a layer of hardwood flooring on the first floor of the structure. Window glazing was observed on all of the windows within the structure. Asphalt shingles were observed on the roof of the structure. The structure is insulated with pink roll fiberglass insulation.

Sampling was conducted in accordance with OSHA 29 CFR 1910.134, 1910.1001, 1926.58 and AHERA Protocols, as follows:

A. For each homogeneous area, a minimum of two bulk samples were randomly collected.

B. During sample collection, the following protocols were followed:

1. All non-essential personnel were restricted from the area where the sampling was performed.
2. Each sample was misted prior to sampling.
3. Each sample was placed in a clear plastic container, which was wet wiped, sealed and labeled. Each sample was identified with an individual sample number using a permanent marker on the sample container. The location of each sample, with its individual sample number, was recorded on the sample log (Appendix B).

C. CHAIN-OF-CUSTODY

A chain-of-custody record accompanied all samples collected. The individually sealed and labeled samples were placed in 1-gallon zip-lock bags, which were then sealed prior to leaving the site. The double-bagged samples were then transported to the laboratory accompanied by a completed chain-of-custody record. A total of 17 bulk samples of suspect ACBM were collected. The samples were transported to SanAir Technologies Laboratory under a chain-of-custody. The chain-of-custody can be found in Appendix C.

2.2 Laboratory Analysis

All samples were relinquished to SanAir Technologies Laboratory, NVLAP accredited (600227-0) laboratory, accompanied with a chain-of-custody record on December 6th, 2022. All samples were analyzed by Polarized Light Microscopy (PLM) according to EPA/600/R-93/116 & EPA/600/M4-82/020 methods. The laboratory separated and analyzed the sample layers as necessary. Laboratory analytical results are presented in Appendix D.

3.0 CONCLUSIONS AND RECOMMENDATIONS

Conclusions

Below is a list of the building materials which tested positive for asbestos during laboratory analysis as well as their location within the building.

Positive Samples

- Homogenous Area (HA) – 4: Drywall with joint compound found on the walls of both the first and second floors of the structure. This material contains 3% chrysotile asbestos. There is approximately 1,760 square feet of this material within the structure.
- Homogenous Area (HA) – 5: Skim coat found on the ceiling of the second floor of the structure only. This material contains 3% chrysotile asbestos. There is approximately 880 square feet of this material within the structure.

Laboratory analysis indicated that all of the other samples collected of suspect material were not asbestos containing. All ACM material should be disposed of in an approved EPA facility.

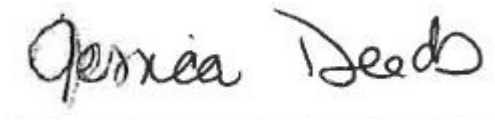
Note that the quantities were visually estimated during sampling and should not be used for bid purposes. Prior to a removal bid, interested contractors should quantify the material to be removed.

Recommendations

No further investigation is warranted. In the event additional suspect ACBM is discovered after demolition activities have begun, the contractor should contact a certified asbestos hazard evaluation specialist to conduct bulk sampling of the suspect material and wait for analytical results prior to continuing demolition activities. A Notification of Demolition form should be completed and submitted to the Ohio Environmental Protection Agency at least then working days prior to demolition activities. A Notification of Demolition form has been partially completed for the structure, and is included in Appendix E.

4.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

This section presents the signature of the Asbestos Hazard Evaluation Specialist responsible for the preparation of this asbestos survey.



_____

Jessica Deeds
Asbestos Hazard Evaluation Specialist
Certification #ES35919

_____

Brian Metz
Asbestos Hazard Evaluation Specialist
Certification #ES33716

APPENDICES

APPENDIX A-

SITE PLAN, **PHOTOGRAPH**

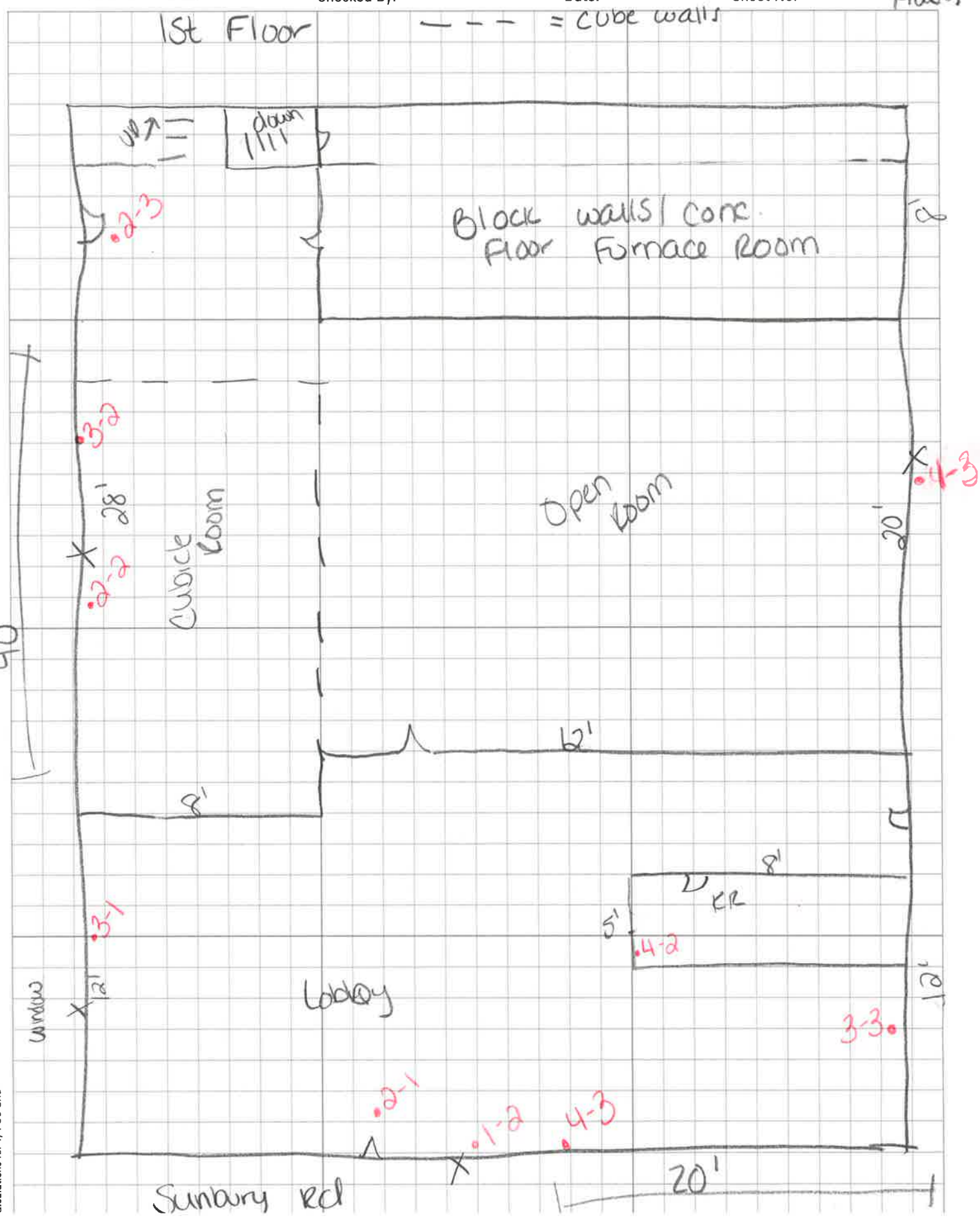
LOG AND CREDENTIALS

TranSystems

8579 Sunbury Rd

Made By: Date: Job No: N1 (back of House)

Checked By: Date: Sheet No.



alculations for 1/4 US Grid

TranSystems

8579 Sunbury Rd

Made By: Date: Job No:

Checked By: Date: Sheet No.

Calculations for 1/4 US Grid

Photo 1:

HA-3
Black paper found walls under a top layer of laminate wood paneling.

Photo 2:

HA-2
Black paper found as second layer of flooring under hardwood top layer.

DEL-US 36 – 18.79 **8579 State Route 37** **Delaware, Ohio**		**PHOTO DOCUMENTATION**
TranSystems EXPERIENCE | Transportation	**Photographer:** J. Deeds	**Date of Photograph:** December 1st, 2022

Photo 3:

HA-4
Drywall with joint compound found on walls of first and second floor of the structure.

Photo 4:

HA-5
Textured skim coat on ceiling of second floor of structure.

DEL-US 36 – 18.79 **8579 State Route 37** **Delaware, Ohio**	**PHOTO DOCUMENTATION**
TranSystems EXPERIENCE | Transportation	**Photographer:** J. Deeds **Date of Photograph:** December 1st, 2022


State of Ohio
Environmental Protection Agency
Asbestos Program
Asbestos Hazard Evaluation Specialist
Brian
Metz
TranSystems
400 West Nationwide Blvd Suite 225
Columbus OH 43215
Ohio
Ohio Environmental
Certification Number
ES33716
Expiration Date
7/5/23
DOB: 10/15/73
Card not Valid
if Altered

State of Ohio
Environmental Protection Agency
Asbestos Program

Asbestos Hazard Evaluation Specialist

Jessica
Deeds

Ohio Environmental Protection Agency

3209 Horns Mill Road
Sugar Grove OH 43155

DOB: 3/11/89

Card not Valid if Altered

Certification Number	Expiration Date
ES35919	7/14/23

APPENDIX B-

SAMPLE LOG

ASBESTOS BULK INSPECTION LOG

Client:	ODOT District 6	Date:	12/19/2022
Project:	DEL-US36-18.79	Collector:	BSM, JLF
Address:	8579 State Route 37	Job #:	P403220079
City, State:	Sunbury, Ohio	Lab #:	600227-0

HA	FIELD ID	SAMPLE LOCATION	SAMPLE DESCRIPTION	FR	COND	AMOUNT	RESULTS
1	1-1	Second floor, west window	Window glazing	No	Fair	325 square feet	None Detected
	1-2	First floor, south window		No	Fair		
	1-3	First floor, east window		No	Fair		
2	2-1	Second layer of flooring, in lobby by the front door	Black paper found under hardwood flooring	No	Good	744 square feet	None Detected
	2-2	Second layer of floor, cubicle room against the west wall		No	Good		
	2-3	Second layer of floor, back hallway by steps to exterior door		No	Good		
3	3-1	First floor, west wall under paneling	Black paper found on walls	No	Good	920 square feet	None Detected
	3-2	First floor, west wall of cubicle room under paneling		No	Good		
	3-3	First floor, east wall of lobby under paneling		No	Good		
4	4-1	Second floor, center of west wall	Drywall with joint compound	Yes	Good	1,760 square feet	3% chrysotile asbestos
	4-2	First floor, restroom, center of west wall		Yes	Good		
	4-3	First floor, lobby, center of south wall		Yes	Good		
5	5-1	Second floor ceiling, center	Skim coat, second floor ceiling only	Yes	Good	880 square feet	3% chrysotile asbestos
	5-2	Second floor ceiling, north end of room		Yes	Good		
	5-3	Second floor celing, south end of room		Yes	Good		
6	6-1	Main roof, above lobby door	Asphalt shingles	No	Good	1,760 square feet	None Detected
	6-2	Main roof, above side door		No	Good		

APPENDIX C-

CHAIN OF CUSTODY

SanAir Technologies Laboratory

10501 Trade Ct., Suite 100
N. Chesterfield, VA 23236
804.897.1177 / 888.895.1177
Fax 804.897.0070
sanair.com

Asbestos Chain of Custody

Form 140, Rev 7, 10/20/2022

SanAir ID Number: 22060964

Company: TranSystems Corporation	Project #: P403220079	Collected by: J.Deeds/B.Metz
Address: 400 W Nationwide Blvd	Project Name: DEL-36-18.79	Phone #: 614-433-7800
City, St., Zip: Columbus, OH 43215	Date Collected: 12/01/2022	Fax #: 614-583-3163
State of Collection: OH	Account#: 3782	P.O. Number:
		Email: jldeeds@transystems.com

Bulk

ABB	PLM EPA 600/R-93/116	✔
	Positive Stop	☐
ABEPA	PLM EPA 400 Point Count	☐
ABB1K	PLM EPA 1000 Point Count	☐
ABBEN	PLM EPA NOB**	☐
ABBCH	TEM Chatfield**	☐
ABBTM	TEM EPA NOB**	☐
ABQ	PLM Qualitative	☐

** Available on 24-hr. to 5-day TAT

Air

ABA	PCM NIOSH 7400	☐
ABA-2	OSHA w/ TWA*	☐
ABTEM	TEM AHERA	☐
ABATN	TEM NIOSH 7402	☐
ABT2	TEM Level II	☐
Other:		☐

New York ELAP

ABEPA2	NY ELAP 198.1	☐
ABENY	NY ELAP 198.6 PLM NOB	☐
ABBNY	NY ELAP 198.4 TEM NOB	☐
	Positive Stop	☐

Soil

ABSE	PLM EPA 600/R-93/116 (Qual.)	☐

Vermiculite

ABB	PLM EPA 600/R-93/116	☐
ABEPA3	PLM EPA 400 Point Count	☐
ABCM	Cincinnati Method	☐

Dust

ABWA	TEM Wipe ASTM D-6480	☐
ABDMV	TEM Microvac ASTM D-5755	☐

Water

ABHE	EPA 100.2	☐

Matrix **Other** ☐

Turn Around Times				
	3 HR (4 HR TEM) ☐	6 HR (8HR TEM) ☐	12 HR ☐	1 Day ☐
	☐ 2 Days	■ 3 Days	☐ 4 Days	☐ 5 Days

Special Instructions

Sample #	Sample Identification/Location	Volume or Area	Sample Date	Flow Rate*	Start – Stop Time*	
HA-1-1	Window glazing		12/1/22			
HA-1-2	Window glazing					
HA-1-3	Window glazing					
HA-2-1	Black flooring paper					
HA-2-2	Black flooring paper					
HA-2-3	Black flooring paper					
HA-3-1	Black wall paper					
HA-3-2	Black wall paper					
HA-3-3	Black wall paper					
HA-4-1	Drywall with joint compound					
HA-4-2	Drywall with joint compound					
HA-4-3	Drywall with joint compound					

Relinquished by	Date	Time	Received by	Date	Time
J.Deeds	12/5/22		[illegible]	DEC 06 2022	9:45 am

If no technician is provided, then the primary contact for your account will be selected. Unless scheduled, the turnaround time for all samples received after 3 pm EST will be logged in the next business day. Weekend or holiday work must be scheduled ahead of time and is charged at 150% of the 3hr TAT or a minimum charge of $150. A courier charge will be applied for same day and one-day turnaround times for offsite work. SanAir covers Ground and Next Day Air shipping. Shipments billed to SanAir with a faster shipping rate will result in additional charges.

Sample #	Sample Identification/Location	Volume or Area	Sample Date	Flow Rate*	Start – Stop Time*	
HA-5-1	Drywall with skim coat					
HA-5-2	Drywall with skim coat					
HA-5-3	Drywall with skim coat					
HA-6-1	Asphalt shingles					
HA-6-2	Asphalt shingles					

Special Instructions	

Relinquished by	Date	Time	Received by	Date	Time
J.Deeds	12/5/22		RMB	DEC 06 2022	9:45am

If no technician is provided, then the primary contact for your account will be selected. Unless scheduled, the turnaround time for all samples received after 3 pm EST will be logged in the next business day. Weekend or holiday work must be scheduled ahead of time and is charged at 150% of the 3hr TAT or a minimum charge of $150. A courier charge will be applied for same day and one-day turnaround times for offsite work. SanAir covers Ground and Next Day Air shipping. Shipments billed to SanAir with a faster shipping rate will result in additional charges. Page _of ____

2 2

APPENDIX D-

ANALYTICAL RESULTS

SanAir Technologies Laboratory

The Identification Specialists

Analysis Report prepared for TranSystems Corporation

Report Date: 12/9/2022

Project Name: DEL-36-18.79

Project #: P403220079

SanAir ID#: 22060964

NVLAP TESTING

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
22060964
FINAL REPORT
12/9/2022 12:21:30 PM

Name: TranSystems Corporation
Address: 400 W Nationwide Blvd
225
Columbus, OH 43215
Phone: 614-433-7800

Project Number: P403220079
P.O. Number:
Project Name: DEL-36-18.79
Collected Date: 12/1/2022
Received Date: 12/6/2022 9:45:00 AM

Dear Brian Metz,

We at SanAir would like to thank you for the work you recently submitted. The 17 sample(s) were received on Tuesday, December 06, 2022 via UPS. The final report(s) is enclosed for the following sample(s): HA-1-1, HA-1-2, HA-1-3, HA-2-1, HA-2-2, HA-2-3, HA-3-1, HA-3-2, HA-3-3, HA-4-1, HA-4-2, HA-4-3, HA-5-1, HA-5-2, HA-5-3, HA-6-1, HA-6-2.

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,

Matthew Daigneault
Asbestos Laboratory Manager
SanAir Technologies Laboratory

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

Sample conditions:
- 16 samples in Good condition.
- 1 samples in Layer Missing condition. (#12)

SanAir Technologies Laboratory

SanAir ID Number
22060964
FINAL REPORT
12/9/2022 12:21:30 PM

Name: TranSystems Corporation
Address: 400 W Nationwide Blvd
225
Columbus, OH 43215
Phone: 614-433-7800

Project Number: P403220079
P.O. Number:
Project Name: DEL-36-18.79
Collected Date: 12/1/2022
Received Date: 12/6/2022 9:45:00 AM

Analyst: Poeppelman, Dustin

Asbestos Bulk PLM EPA 600/R-93/116

	Stereoscopic	Components		
SanAir ID / Description	Appearance	% Fibrous	% Non-fibrous	Asbestos Fibers
HA-1-1 / 22060964-001 Window Glazing	Grey Non-Fibrous Homogeneous		100% Other	None Detected
HA-1-2 / 22060964-002 Window Glazing	Grey Non-Fibrous Homogeneous		100% Other	None Detected
HA-1-3 / 22060964-003 Window Glazing	Grey Non-Fibrous Homogeneous		100% Other	None Detected
HA-2-1 / 22060964-004 Flooring Paper	Black Non-Fibrous Homogeneous	50% Cellulose	50% Other	None Detected
HA-2-2 / 22060964-005 Flooring Paper	Black Non-Fibrous Homogeneous	50% Cellulose	50% Other	None Detected
HA-2-3 / 22060964-006 Flooring Paper	Black Non-Fibrous Homogeneous	50% Cellulose	50% Other	None Detected
HA-3-1 / 22060964-007 Wall Paper	Black Non-Fibrous Homogeneous	50% Cellulose	50% Other	None Detected
HA-3-2 / 22060964-008 Wall Paper	Black Non-Fibrous Homogeneous	50% Cellulose	50% Other	None Detected
HA-3-3 / 22060964-009 Wall Paper	Black Non-Fibrous Homogeneous	50% Cellulose	50% Other	None Detected
HA-4-1 / 22060964-010 Drywall With Joint Compound, Drywall	Grey Non-Fibrous Heterogeneous	10% Cellulose	80% Gypsum 10% Other	None Detected

Analyst: 
Analysis Date: 12/7/2022

Approved Signatory: 
Date: 12/9/2022

SanAir Technologies Laboratory

SanAir ID Number
22060964
FINAL REPORT
12/9/2022 12:21:30 PM

Name: TranSystems Corporation
Address: 400 W Nationwide Blvd
225
Columbus, OH 43215
Phone: 614-433-7800

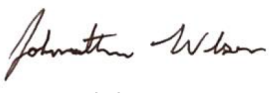
Project Number: P403220079
P.O. Number:
Project Name: DEL-36-18.79
Collected Date: 12/1/2022
Received Date: 12/6/2022 9:45:00 AM

Analyst: Poeppelman, Dustin

Asbestos Bulk PLM EPA 600/R-93/116

	Stereoscopic	Components		
SanAir ID / Description	Appearance	% Fibrous	% Non-fibrous	Asbestos Fibers
HA-4-1 / 22060964-010 Drywall With Joint Compound, Joint Compound	Tan Non-Fibrous Homogeneous		97% Other	3% Chrysotile
HA-4-1 / 22060964-010 Drywall With Joint Compound, Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected
HA-4-2 / 22060964-011 Drywall With Joint Compound, Drywall	Grey Non-Fibrous Heterogeneous	10% Cellulose	80% Gypsum 10% Other	None Detected
HA-4-2 / 22060964-011 Drywall With Joint Compound, Joint Compound	Tan Non-Fibrous Homogeneous		97% Other	3% Chrysotile
HA-4-3 / 22060964-012 Drywall With Joint Compound, Drywall	Grey Non-Fibrous Heterogeneous	10% Cellulose	80% Gypsum 10% Other	None Detected
HA-4-3 / 22060964-012 Drywall With Joint Compound, Joint Compound				Not Submitted
HA-5-1 / 22060964-013 Drywall With Skim Coat, Drywall	Grey Non-Fibrous Heterogeneous	10% Cellulose	80% Gypsum 10% Other	None Detected
HA-5-1 / 22060964-013 Drywall With Skim Coat, Joint Compound	Tan Non-Fibrous Homogeneous		97% Other	3% Chrysotile
HA-5-1 / 22060964-013 Drywall With Skim Coat, Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected
HA-5-2 / 22060964-014 Drywall With Skim Coat, Drywall	Grey Non-Fibrous Heterogeneous	10% Cellulose	80% Gypsum 10% Other	None Detected

Analyst: 
Analysis Date: 12/7/2022

Approved Signatory: 
Date: 12/9/2022

SanAir Technologies Laboratory

SanAir ID Number
22060964
FINAL REPORT
12/9/2022 12:21:30 PM

Name: TranSystems Corporation
Address: 400 W Nationwide Blvd
225
Columbus, OH 43215
Phone: 614-433-7800

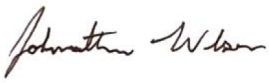
Project Number: P403220079
P.O. Number:
Project Name: DEL-36-18.79
Collected Date: 12/1/2022
Received Date: 12/6/2022 9:45:00 AM

Analyst: Poeppelman, Dustin

Asbestos Bulk PLM EPA 600/R-93/116

	Stereoscopic	Components		
SanAir ID / Description	Appearance	% Fibrous	% Non-fibrous	Asbestos Fibers
HA-5-2 / 22060964-014 Drywall With Skim Coat, Joint Compound	Tan Non-Fibrous Homogeneous		97% Other	3% Chrysotile
HA-5-2 / 22060964-014 Drywall With Skim Coat, Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected
HA-5-3 / 22060964-015 Drywall With Skim Coat, Drywall	Grey Non-Fibrous Heterogeneous	10% Cellulose	80% Gypsum 10% Other	None Detected
HA-5-3 / 22060964-015 Drywall With Skim Coat, Joint Compound	Tan Non-Fibrous Homogeneous		97% Other	3% Chrysotile
HA-5-3 / 22060964-015 Drywall With Skim Coat, Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected
HA-6-1 / 22060964-016 Asphalt Shingle	Black Non-Fibrous Homogeneous	10% Glass	90% Other	None Detected
HA-6-2 / 22060964-017 Asphalt Shingle	Black Non-Fibrous Homogeneous	10% Glass	90% Other	None Detected

Analyst: 
Analysis Date: 12/7/2022

Approved Signatory: 
Date: 12/9/2022

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

APPENDIX **E**-

OEPA NOTIFICATION OF DEMOLITION 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***. 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: / /	☐ Hand-Delivered

1) Notification Information (Check all that apply)

☒ Original	☐ Revision # (count):	☐ Installation	☐ Emergency	☐ Annual	☐ Cancellation	**Project County:** Cuyahoga
☐ NESHAP Residential Exemption						

2) Owner, Asbestos Abatement Contractor, Billing and Fire Department Information **Revised?** ☐

Owner		
Name: Ohio Department of Transportation - District 6		Is this a company? ☐ Yes ☒ No
Address: 400 East William Street	Contact Person:	
City: Delaware	State: Ohio	Zip: 43015 -
Email:	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 (Entity paying for original notification)		
Is this contact associated with the ☐ Owner, ☐ Asbestos Abatement Contractor, or ☐ 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: Jessica Deeds	Certification #: ES 35919	Expiration Date: 7 / 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: ☒ PLM ☐ Point Count ☐ TEM ☐ Other Method (Explain Below):

4) Procedures to be followed should unexpected RACM be discovered (check all that apply) **Revised?** ☐

☒ Stop work and keep wet	☒ Evacuate area	☒ Demarcate area	☒ Contact licensed abatement contractor
☐ Contact district office/local air authority			
☐ 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:
☐ Implosion ☐ Fire Training ☐ Wet Methods ☐ Manual Demolition ☒ Mechanical Demolition ☐ Other (Explain):

Description of affected facility components (include attachment if necessary):
Entire structure will be affected.

Mail completed form and payment to:
Ohio EPA, DAPC – Asbestos
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:	☒ Surfacing	☐ Mechanical	☒ Other Drywall with joint compound		
Engineering Controls:	☒ Wet Methods	☐ Glove Bag	☐ NPE	☐ AFD	☐ Other:
Work Practices:	☐ Intact Removal	☐ Manual	☒ Mechanical	☐ 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: : ☐ a.m. ☐ 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):	Site Location (specific): Intersection of SR 37 and Berkshire Road	
Address: 8579 State Route 37		
City: Subury	State: OH	Zip:43074 -
Building Size (square feet): 1,760	No. of Floors: 2	Age: 102
Present Use: Residential used for Office	Prior Use: Residential	

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

☒ Demolition	☐ Renovation/Abatement – Type: ☒ Removal ☐ Repair ☐ Encapsulation ☐ Enclosure

C. Asbestos Present (check one) **Revised?** ☐

☒ Yes	☐ No	☐ 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	
		Non-friable Asbestos-Containing Material		Non-friable Asbestos-Containing Material	
	RACM	Category I	Category II	Category I	Category II
Pipes (linear feet)					
Surface area on other facility components (ft^2)			2,640 square feet		
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 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: / /

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: / /