



Turn-Key Environmental Consultants, Inc.

790 Barnhart Rd.
Troy, OH 45373

714 Monument Ave.
Dayton, OH 45402

Phone: 937-335-8807
Fax: 937-339-4882

August 28, 2015

Mr. Dennis Zimmer
City of Dayton, Division of Housing Inspection
371 West Second Street, 3rd Floor
Dayton, Ohio 45402

RE: Comprehensive Pre-Demolition Asbestos Survey, NOP TK-7amended, Vacant Residence, 1386 Honeybee Dr., Dayton, OH, TKEC Project #TK-7aE

Dear Mr. Zimmer:

On August 14, 2015, Mr. Joseph Saunders (Ohio Department of Health Certified Asbestos Hazard Evaluation Specialist #ES34837) of Turn-Key Environmental Consultants, Inc. (TKEC) visited the vacant residence located at 1386 Honeybee Dr. in Dayton, Ohio (subject property). The purpose of the visit was to perform a pre-demolition asbestos survey of the structure to identify asbestos containing materials (ACMs) located in the structure prior to demolition activities being performed.

EXECUTIVE SUMMARY

On August 14, 2015, Mr. Joseph Saunders (Ohio Department of Health Certified Asbestos Hazard Evaluation Specialist # ES34837) of Turn-Key Environmental Consultants, Inc. (TKEC) performed a comprehensive pre-demolition asbestos inspection of the vacant residence located at 1386 Honeybee Dr. in Dayton, Ohio. Thirteen (13) samples of suspect materials were collected from the residential structure. The samples were shipped overnight to an accredited laboratory for analysis. Some of the samples were comprised of layers which resulted in the analysis of a total of nineteen (19) samples. Laboratory analysis indicated that six (6) samples contained 1% or greater asbestos. Four (4) samples of floor tile/mastic 9" were determined to contain asbestos. Two (2) samples of linoleum/leveling compound were determined to contain greater than 1% asbestos. These materials do not have to be abated as these materials are Category 1 Non-Friable materials.

No other suspect materials were observed in the structure that will require abatement.

DESCRIPTION OF BUILDING SURVEY AND SAMPLING METHODOLOGY

A room-by-room inspection of the house was performed and homogenous materials were identified. Sampling locations were determined in a statistically random manner for surfacing materials, or randomly distributed manner for thermal system insulation that is representative of the homogeneous area. Each bulk sample was collected using cleaned hand tools and placed in a clean, zip-lock plastic bag and labeled with a unique sample identification number. Pertinent information was recorded on a Bulk Sample Log Sheet, including sample identification number, date of collection, name of inspector, building name, a brief description and location of the sample, and the type of material sampled (e.g. thermal insulation, fireproofing, acoustical plaster). The samples were shipped via overnight courier to SanAir Technologies Laboratory, Inc. (SanAir), an accredited and recognized laboratory under the National Voluntary Laboratory Accreditation Program (NVLAP) and analyzed for asbestos content by polarized-light microscopy (PLM) and dispersion staining (Method Reference: EPA-600/R-93/116). This analytical method, which the EPA currently recommends for the determination of asbestos in bulk samples of suspect material can be used for qualitative identification of six (6) morphologically different types of asbestos fibers: chrysotile, amosite, crocidolite, anthophyllite, tremolite and actinolite asbestos.

The method specifies that the asbestos content in a bulk sample shall be estimated and reported as a finite percentage (rounded to the nearest percentage) within the range of 0 to 100. The result of the bulk sample analysis is reported in a standard written laboratory report. This report includes the clients name, the project number, the laboratory identification number, the sample number assigned to the bulk sample upon receipt at the laboratory, and the field number assigned to the bulk sample upon collection. If the bulk sample contains more than one distinct layer of material, each layer is analyzed separately. The composition of the bulk sample is reported in percentages of asbestos and non-asbestos components. A summary of the bulk samples collected from this structure is included in Table 1 – Bulk Sample Log.

Four (4) samples of floor tile/mastic 9” were determined to contain asbestos. Two (2) samples of linoleum/leveling compound were determined to contain greater than 1% asbestos. These materials do not have to be abated as these materials are Category 1 Non-Friable materials.

The results of the sample analyses can be found on the laboratory report attached and in Table 2 – Bulk Sample Data Summary. Table 2 also contains the locations, condition, amount, NESHAP category and type of ACM identified in the structure.

RESULTS

TKEC collected samples from wall and ceiling systems, flooring materials, roofing materials, duct insulation, blown-in insulation and window glaze and caulking if it was present. Analytical results confirmed that the following suspect asbestos-containing building materials contain more than 1% asbestos:

- **Floor Tile/Mastic 9", [Living Room and Bedrooms], [Fair], [416 SF]**
- **Linoleum/Leveling Compound, [Kitchen], [Good], [168 SF]**

No other suspect asbestos-containing building materials that will likely become friable during demolition were identified in the structure.

ESTIMATED ABATEMENT COSTS

TKEC estimates the costs associated with the removal of the confirmed asbestos-containing materials to be as follows:

The estimated costs for asbestos consulting (specifications and on-site monitoring) if requested by the City of Dayton: N/A

ESTIMATED COSTS FOR FRIABLE ACM ABATEMENT

<u>Material</u>	<u>Estimated Quantity</u>	<u>Estimated Unit Costs</u>	<u>Estimated Costs</u>
N/A	N/A	N/A	N/A

The estimated costs for asbestos consulting (specifications and on-site monitoring): \$ N/A

ESTIMATED COSTS FOR NON-FRIABLE ACM LIKELY TO BECOME FRIABLE ABATEMENT

<u>Material</u>	<u>Estimated Quantity</u>	<u>Estimated Unit Costs</u>	<u>Estimated Costs</u>
N/A	N/A	N/A	N/A

The estimated costs for asbestos consulting (specifications and on-site monitoring) if requested by the City of Dayton: N/A

ESTIMATED COSTS FOR NON-FRIABLE ACM ABATEMENT

<u>Material</u>	<u>Estimated Quantity</u>	<u>Estimated Unit Costs</u>	<u>Estimated Costs</u>
Floor Tile/Mastic 9"	416 SF	\$2.00/SF	\$832.00
Linoleum/Leveling Compound	168 SF	\$3.50/SF	\$588.00

The estimated costs for asbestos consulting (specifications and on-site monitoring) if requested by the City of Dayton: N/A

Estimated costs are based on prevailing costs in the Midwest for 2015, and do not include costs for planning, permitting, contractor oversight or air monitoring. Actual costs may vary from estimated costs due to contractor workloads, season, or changes in regulatory requirements.

RECOMMENDATIONS

Based on the findings of this asbestos survey and NESHAP regulations, the following recommendations are presented for consideration:

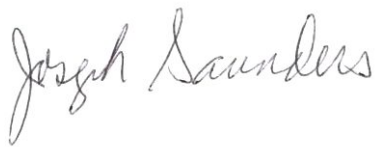
1. Prior to any outside contractor(s) working at the subject structure, the contractor(s) must be notified of the presence of the building materials identified as containing asbestos.
2. Trained workers and supervisors certified by the Ohio Department of Health must be used to remove the identified asbestos-containing building materials using special procedures and protective equipment to ensure that workers are not overexposed to airborne asbestos.
3. Advance notification must be provided to the Regional Air Pollution Control Agency (RAPCA) and the Ohio Department of Health at least ten (10) working days prior to the start of abatement activities.
4. The fact that asbestos containing materials were observed in or on the building should be noted on the demolition notification form along with the name and certification number of the inspector (Joseph D. Saunders, Ohio Department of Health Asbestos Hazard Evaluation Specialist Certification No. ES34837).

TKEC made every effort to locate suspect ACM that may be concealed; however, suspect ACM which may be located behind hard plaster walls or ceilings, hard walled chases, under flooring or subflooring, etc., were not assessed or quantified. If through demolition suspect materials are discovered, they should be documented and handled appropriately.

This report is prepared to assist the City of Dayton, construction managers and asbestos abatement contractors in locating ACMs. This report is not intended to be used as a bidding document or project specifications.

Attached are the following TKEC documents: 1) Table I – Bulk Sample Log; 2) Table 2 – Bulk Sample Data Summary; 3) Laboratory Report; 4) Building Sketch/Photographs; and 5) Inspector's Certification. If we can be of further assistance on this or other projects, do not hesitate to call us at (937) 335-8807.

Respectfully submitted,
TURN-KEY ENVIRONMENTAL CONSULTANTS, INC.

A handwritten signature in cursive script that reads "Joseph Saunders".

Joseph Saunders
Project Manager
ODH Asbestos Hazard Evaluation Specialist
No. ES34837, Exp. Date 6/10/2016

ATTACHMENT 1

Bulk Sample Log

ASBESTOS BULK SAMPLE LOG

Project - 1386 Honeybee

TKEC Job# TK-7aE

[illegible]

ATTACHMENT 2

Bulk Sample Data Summary

1386 Honeybee Dr.
Pre-Demolition Asbestos Survey
Table I - Bulk Sample Data Summary
Project: TK-7aE

Homogeneous Area					Quantity & Condition			
Sample Description (Material Type)	Sample Location	NSHAP Category	ACM Type	Bulk Sample No.	Good	Fair	Poor	Asbestos Content
Floor Tile/Mastic 9" - Floor Tile	Living Room	Cat 1 Non Friable	Misc	1-1	180 SF			5% Chrysotile
Floor Tile/Mastic 9" - Mastic	Living Room			1-1				NAD
Floor Tile/Mastic 9" - Floor Tile	Front Bedroom	Cat 1 Non Friable	Misc	1-2	156 SF			5% Chrysotile
Floor Tile/Mastic 9" - Mastic	Front Bedroom			1-2				NAD
Floor Tile/Mastic 9" - Floor Tile	Living Room	Cat 1 Non Friable	Misc	2-1				7% Chrysotile
Floor Tile/Mastic 9" - Mastic	Living Room	Cat 1 Non Friable	Misc	2-1				3% Chrysotile
Linoleum/Leveling Compound - Linoleum	Kitchen	Cat 1 Non Friable	Misc	3-1	168 SF			15% Chrysotile
Compound - Leveling Compound	Kitchen	Cat 1 Non Friable	Misc	3-1				7% Chrysotile
Ceiling Tile 12"	Kitchen			4-1				NAD
Ceiling Tile 12"	Sun Room			5-1				NAD
Sink Undercoating	Kitchen			6-1				NAD
Ceiling Tile 12"	Living Room			7-1				NAD
Linoleum/Mastic - Linoleum	Bathroom			8-1				NAD
Linoleum/Mastic - Mastic	Bathroom			8-1				NAD
Ceiling Tile 2'x2'	Bathroom			9-1				NAD
Ceiling Tile 12"	Bathroom			10-1				NAD
Ceiling Tile 12"	Bathroom			11-1				NAD
Roofing Shingles (2 layers)	Roof			12-1				NAD

1386 Honeybee Dr.
 Pre-Demolition Asbestos Survey
 Table I - Bulk Sample Data Summary
 Project: TK-7aE

Homogeneous Area					Quantity & Condition			
Sample Description (Material Type)	Sample Location	NSHAP Category	ACM Type	Bulk Sample No.	Good	Fair	Poor	Asbestos Content
Roofing Shingles (2 layers)	Roof			12-1				NAD

ATTACHMENT 3

Laboratory Data

SanAir Technologies Laboratory

Analysis Report

prepared for

**Turn-Key Environmental
Consultants, Inc.**

Report Date: 8/25/2015
Project Name: 1386 Honeybee
Project #: TK-7aE
SanAir ID#: 15025200



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

SanAir ID Number

15025200

FINAL REPORT

Name: Turn-Key Environmental Consultants, Inc.
Address: 790 Barnhart Road
Troy, OH 45373

Project Number: TK-7aE
P.O. Number:
Project Name: 1386 Honeybee

Collected Date: 8/14/2015
Received Date: 8/18/2015 9:50:00 AM
Report Date: 8/25/2015 5:47:14 PM
Analyst: Pisula, Nicholas

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
1-1 / 15025200-001 Floor Tile/ Mastic Living Room, Floor Tile	Tan Non-Fibrous Homogeneous		95% Other	5% Chrysotile
1-1 / 15025200-001 Floor Tile/ Mastic Living Room, Mastic	Black Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
1-2 / 15025200-002 Floor Tile/ Mastic Fv. BR, Floor Tile	Tan Non-Fibrous Homogeneous		95% Other	5% Chrysotile
1-2 / 15025200-002 Floor Tile/ Mastic Fv. BR, Mastic	Black Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
2-1 / 15025200-003 Floor Tile/ Mastic Living Room, Floor Tile	Tan Non-Fibrous Homogeneous		93% Other	7% Chrysotile
2-1 / 15025200-003 Floor Tile/ Mastic Living Room, Mastic	Black Non-Fibrous Homogeneous		97% Other	3% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
3-1 / 15025200-004 Linoleum/ Leveling Compound Kitchen, Linoleum	Brown Non-Fibrous Homogeneous		85% Other	15% Chrysotile
3-1 / 15025200-004 Linoleum/ Leveling Compound Kitchen, Leveling Compound	Various Non-Fibrous Homogeneous		93% Other	7% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
4-1 / 15025200-005 Ceiling Tile 12" Kitchen	Tan Fibrous Homogeneous	90% Cellulose	10% Other	None Detected

Certification

Signature: 
Date: 8/25/2015

Reviewed: 
Date: 8/25/2015



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

15025200

FINAL REPORT

Name: Turn-Key Environmental Consultants, Inc.
Address: 790 Barnhart Road
Troy, OH 45373

Project Number: TK-7aE
P.O. Number:
Project Name: 1386 Honeybee

Collected Date: 8/14/2015
Received Date: 8/18/2015 9:50:00 AM
Report Date: 8/25/2015 5:47:14 PM
Analyst: Pisula, Nicholas

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
5-1 / 15025200-006 Ceiling Tile 12" Sun Room	Brown Fibrous Homogeneous	90% Cellulose	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
6-1 / 15025200-007 Sink Undercoating Kitchen	Off-White Non-Fibrous Homogeneous	30% Cellulose	70% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
7-1 / 15025200-008 Ceiling Tile 12" Living Room	Brown Fibrous Homogeneous	90% Cellulose	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
8-1 / 15025200-009 Linoleum Bath, Linoleum	Off-White Non-Fibrous Homogeneous	10% Cellulose	90% Other	None Detected
8-1 / 15025200-009 Linoleum Bath, Mastic	Black Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
9-1 / 15025200-010 Ceiling Tile 2x2 Bath	Grey Fibrous Homogeneous	75% Cellulose 15% Glass	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
10-1 / 15025200-011 Ceiling Tile 1x1 Bath	Brown Fibrous Homogeneous	90% Cellulose	10% Other	None Detected

Certification

Signature: 
Date: 8/25/2015

Reviewed: 
Date: 8/25/2015



SanAir Technologies Laboratory, Inc.

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804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
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SanAir ID Number

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FINAL REPORT

Name: Turn-Key Environmental Consultants, Inc.
Address: 790 Barnhart Road
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Project Number: TK-7aE
P.O. Number:
Project Name: 1386 Honeybee

Collected Date: 8/14/2015
Received Date: 8/18/2015 9:50:00 AM
Report Date: 8/25/2015 5:47:14 PM
Analyst: Pisula, Nicholas

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
11-1 / 15025200-012 Ceiling Tile 1x1 Bath	Tan Fibrous Homogeneous	90% Cellulose	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
12-1 / 15025200-013 Roofing 2 Layers Roof, Shingle	Black Non-Fibrous Homogeneous	5% Glass	95% Other	None Detected
12-1 / 15025200-013 Roofing 2 Layers Roof, Shingle	Black Non-Fibrous Homogeneous	5% Glass	95% Other	None Detected

Certification

Signature: 
Date: 8/25/2015

Reviewed: 
Date: 8/25/2015



1551 Oakbridge Drive Suite B
Powhatan, VA 23139
804-897-1177 / 888-895-1177
Fax 804-897-0070
www.sanair.com

Asbestos
Chain of Custody

SanAir ID Number

13025200

Company: Turn-Key Environmental Consultants, Inc.		Project #: TK-7a E	Collected by: J. Saunders
Address: 790 Barnhart Rd.		Project Name: 1386 Honeybee	Phone #: 937-335-8807
City, St., Zip: Troy, OH 45373		Date Collected: 8/14/15	Fax #:
State of Collection: Ohio	Account#:	P.O. Number:	Email: TKEC@Turn-keyenvironmental.com

Bulk			Air			Soil/Vermiculite		
ABB	PLM EPA 600/R-93/116	☒	ABA	PCM NIOSH 7400	☐	ABSE	PLM EPA 600/R-93/116 (Qual.)	☐
	Positive Stop	☐	ABA-2	OSHA w/ TWA*	☐	ABSP	PLM CARB 435 (LOD <1%)	☐
ABEPA	PLM EPA 400 Point Count	☐	ABTEM	TEM AHERA	☐	ABSP1	PLM CARB 435 (LOD 0.25%)	☐
ABB1K	PLM EPA 1000 Point Count	☐	ABATN	TEM NIOSH 7402	☐	ABSP2	PLM CARB 435 (LOD 0.1%)	☐
ABBEN	PLM EPA NOB	☐	ABT2	TEM Level II	☐			
ABBCH	TEM Chatfield	☐						
ABBTM	TEM EPA NOB	☐						

Water			New York ELAP			Dust		
ABHE	EPA 100.2	☐	PLM NY	PLM EPA 600/M4-82-020	☐	ABWA	TEM Wipe ASTM D-6480	☐
			ABEPA2	NY ELAP 198.1	☐	ABDMV	TEM Microvac ASTM D-5755	☐
			ABENY	NY ELAP 198.6 PLM NOB	☐			
			ABBNY	NY ELAP 198.4 TEM NOB	☐			

Turn Around Times		3 HR (4 HR TEM) ☐		6 HR (8HR TEM) ☐		12 HR ☐		24 HR ☐	
		2 Days ☐		3 Days ☐		4 Days ☐		5 Days ☒	

Special Instructions

Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start - Stop
	(See Attached Bulk Sample Log)				

Relinquished by	Date	Time	Received by	Date	Time
J. Saunders	8/17/15	1700	MC	AUG 18 2015	9:50AM

Unless scheduled, the turn around time for all samples received after 3 pm EST Friday will begin at 8 am Monday morning. Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time. Work with standard turn around time sent Priority Overnight and Billed to Recipient will be charged a \$10 shipping fee.

15025200

ASBESTOS BULK SAMPLE LOG

Project - 1386 Honeybee

TKEC Job# TK-7aE

Homogenous Area #	Sample #	Color	Type	Location
1	1-1	tan	floor tile/mastic	living room
1	1-2	tan specks	floor tile/mastic	Fv. BR
2	2-1	tan specks	floor tile/mastic	living room
3	3-1	brown	linoleum/leveling compound	kitchen
4	4-1	white	ceiling tile 12"	kitchen
5	5-1	white	ceiling tile 12"	sun room
6	6-1	white	sink undercoating	kitchen
7	7-1	white	ceiling tile 12"	living room
8	8-1	white	linoleum	bath
9	9-1	white	ceiling tile 2x2	bath
10	10-1	white	ceiling tile 1x1	bath
11	11-1	yellow	ceiling tile 1x1	bath
12	12-1	black	roofing 2 layers	roof

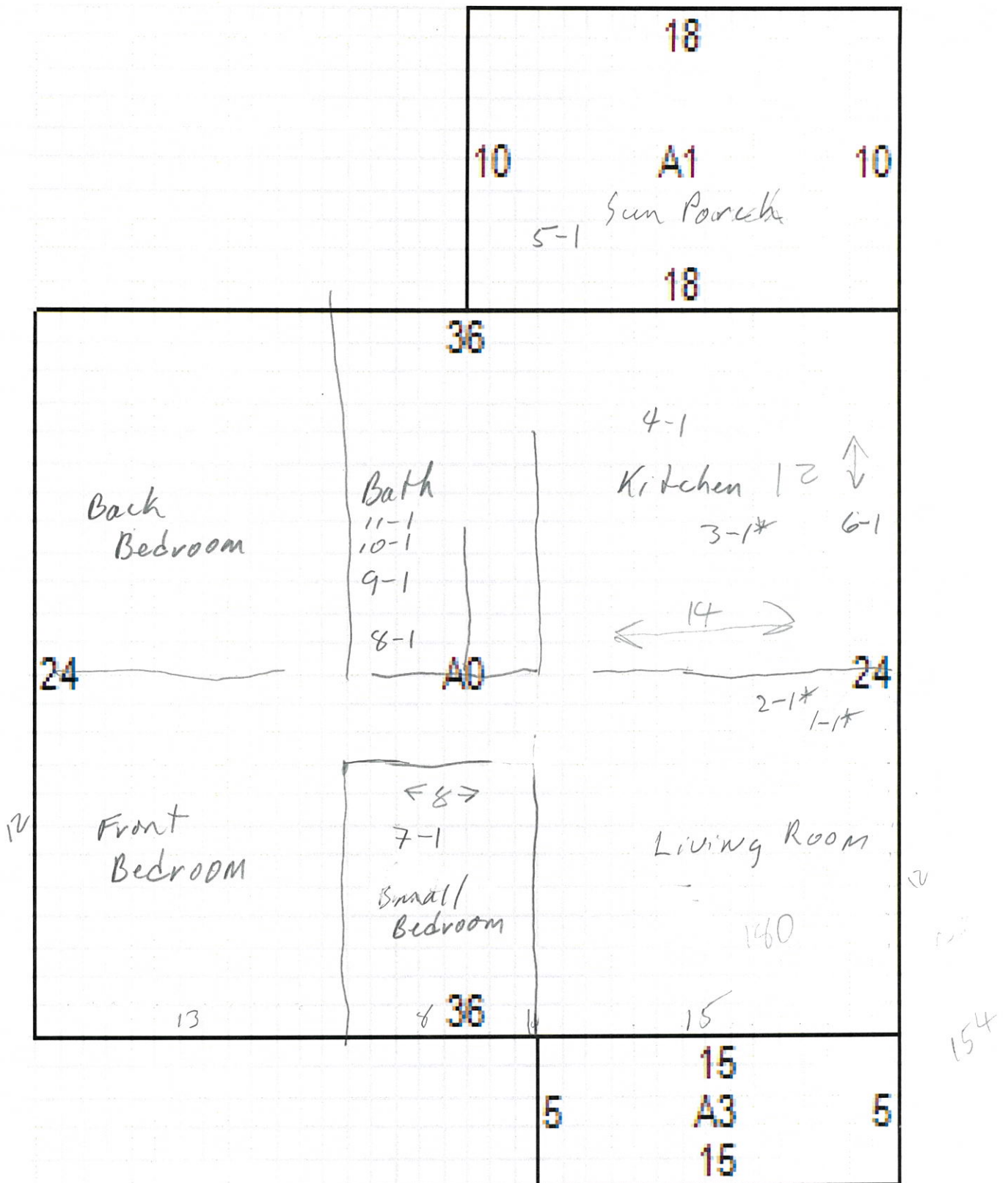
9:52AM

AUG 18 2015

MC

ATTACHMENT 4

Site Sketch/Photographs



1-1 Approximate
Sample Location

1-1* Asbestos > 1%

Floor Main

1386 Honeybee Dr.

TK-7aE



1386 Honeybee



Sample 1-1 & 2-1, 9" Floor Tile/Mastic



Sample 1-2 Floor Tile/Mastic



Sample 3-1 Linoleum/Leveling Compound



Sample 4-1, 12" Ceiling Tile



Sample 6-1 Sink Undercoating



Sample 7-1 12" Ceiling Tile



Sample 8-1 Linoleum



Sample 9-1, 12" Ceiling Tile



Sample 10-1, 12" Ceiling Tile



Sample 11-1, 12" Ceiling Tile



ATTACHMENT 5

Inspector's Certification



TSI *Training Services International*

Asbestos Building Inspector Refresher

Certificate

This is to certify

Joseph D. Saunders

XXX-XX-6484



has attended and successfully completed the Asbestos Hazard Emergency Response Act mandatory course for the Asbestos Building Inspector Refresher and has passed an examination in that course with a minimum score of 70% or better. Training was in accordance with 40 CFR Part 763 (AHERA). The above student received the requisite training for asbestos accreditation under Title II of the Toxic Substances Control Act and State of Indiana requirements under 326 IAC 18-2 and Chapter 3701-34 Ohio Administrative Code.

4/30/16

4/30/15

4/30/15

Columbus, OH

Training Manager

Expiration Date

Date(s) of Course

Examination Date

Course Location

TSI

33150 Lakeland Blvd.
Cleveland, OH 44095
1-866-666-8438

15 TSI 58782 ir



TSI Training Services International

Asbestos Management Planner Refresher

Certificate

This is to certify

Joseph D. Saunders

XXX-XX-6484



has attended and successfully completed the Asbestos Hazard Emergency Response Act mandatory course for the Asbestos Management Planner Refresher and has passed an examination in that course with a minimum score of 70% or better. Training was in accordance with 40 CFR Part 763 (AHERA). The above student received the requisite training for asbestos accreditation under Title II of the Toxic Substances Control Act and State of Indiana requirements under 326 IAC 18-2 and Chapter 3701-34 Ohio Administrative Code.

4/30/16

4/30/15

4/30/15

Columbus, OH

Training Manager

Expiration Date

Date(s) of Course

Examination Date

Course Location

TSI

33150 Lakeland Blvd.
Cleveland, OH 44095
1-866-666-8438

15 TSI 58791 mpr



OHIO DEPARTMENT OF HEALTH

246 North High Street
Columbus, Ohio 43215

614/466-3543
www.odh.ohio.gov

John R. Kasich/Governor

Richard Hodges/Director of Health

June 11, 2015

Joseph D Saunders
3072 Southdale Drive #2
Kettering OH 45409

RE: Asbestos Hazard Evaluation Specialist
Certification Number: ES34837
Expiration Date: 06/10/2016

Dear Joseph D Saunders:

This letter and enclosed certification card approves your request to be certified as an Asbestos Hazard 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 Health for violation of any of the requirements of 3701-34 of the Ohio Administrative Code.

If you have any questions, please call Kathy Butcher, Licensure Specialist, at 614-644-0226.

Sincerely,

Bill Robbins, Section Chief
Bureau of Licensure Operations
Office of Health Assurance and Licensing

State of Ohio
Department of Health
Asbestos Program

Asbestos Hazard Evaluation Specialist

Joseph D Saunders
3072 Southdale Drive #2
Kettering OH 45409

DOB: 02/09/1956 Certification Number: **ES34837** Expiration Date: **06/10/2016**

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