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

October 22, 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-20, Vacant Residence, 539 Corwin St., Dayton, OH, TKEC Project #TK-20C

Dear Mr. Zimmer:

On October 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 539 Corwin St. 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 October 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 539 Corwin St. 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 twenty-four (24) samples. Laboratory analysis indicated that two (2) samples contained 1% or greater asbestos. Two (2) samples of transite, representing approximately 10 SF of material contained >1% asbestos. This Cat II Non Friable material will need to be abated prior to demolition of the structure.

The estimated cost for abating this material is $40.00

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.

Laboratory analysis indicated that two (2) samples contained 1% or greater asbestos. Two (2) samples of transite, representing approximately 10 SF of material contained >1% asbestos. This Cat II Non Friable material will need to be abated prior to demolition of the structure.

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:

- **Transite, [Basement], [Fair], [10 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

Material	Estimated Quantity	Estimated Unit Costs	Estimated Costs
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

Material	Estimated Quantity	Estimated Unit Costs	Estimated Costs
Transite	10 SF	$4.00/SF	$40.00

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

Material	Estimated Quantity	Estimated Unit Costs	Estimated Costs
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 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).

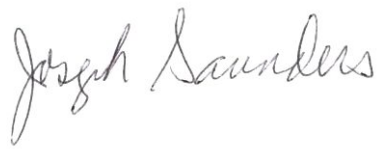
TKEC made every effort to locate suspect ACM that may be concealed; however, suspect ACM which may be located behind hard plaster walls or ceilings, hard walled chases, under flooring or

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.



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 - 539 Corwin St.

TKEC Job# TK-20C

Sample #	Date	Color	Type	Location
1-1	10/14/2015	White	Plaster/Skim Coat	Living Room
1-2	10/14/2015	White	Plaster/Skim Coat	Bedroom 2
1-3	10/14/2015	Blue	Plaster/Skim Coat	Bedroom 3
1-4	10/14/2015	Blue	Plaster/Skim Coat	Bedroom 3 Ceiling
2-1	10/14/2015	Grey	Window Glaze	Bedroom 2
2-2	10/14/2015	Grey	Window Glaze	Living Room
3-1	10/14/2015	White	Drywall/Joint Compound	Bedroom 1
3-2	10/14/2015	White	Drywall/Joint Compound	Bedroom 2
3-3	10/14/2015	White	Drywall/Joint Compound/Texture	Kitchen Ceiling
4-1	10/14/2015	Tan	Floor Tile/Mastic (2 layers)	Kitchen
4-2	10/14/2015	Tan	Floor Tile/Mastic	Bathroom
5-1	10/14/2015	Grey	Transite	Basement
5-2	10/14/2015	Grey	Transite	Basement

ATTACHMENT 2

Bulk Sample Data Summary

539 Corwin
Pre-Demolition Asbestos Survey
Table I - Bulk Sample Data Summary
Project TK-20C

Homogeneous Area					Quantity & Condition			
Sample Description (Material Type)	Sample Location	NSHAP Category	ACM Type	Bulk Sample No.	Good	Fair	Poor	Asbestos Content
Plaster/Skim Coat - Plaster	Living Room			1-1				NAD
Plaster/Skim Coat - Skim Coat	Living Room			1-1				NAD
Plaster/Skim Coat - Plaster	Bedroom 2			1-2				NAD
Plaster/Skim Coat - Skim Coat	Bedroom 2			1-2				NAD
Plaster/Skim Coat - Plaster	Bedroom 3			1-3				NAD
Plaster/Skim Coat - Skim Coat	Bedroom 3			1-3				NAD
Plaster/Skim Coat - Plaster	Bedroom 3 Ceiling			1-4				NAD
Plaster/Skim Coat- Skim Coat	Bedroom 3 Ceiling			1-4				NAD
Window Glazing	Bedroom 2			2-1				NAD
Window Glazing	Bedroom 2			2-2				NAD
Drywall/Joint Compound - Drywall	Bedroom 1			3-1				NAD
Drywall/Joint Compound - Joint Compound	Bedroom 1			3-1				NAD
Drywall/Joint Compound - Drywall	Bedroom 2			3-2				NAD

539 Corwin
Pre-Demolition Asbestos Survey
Table I - Bulk Sample Data Summary
Project TK-20C

Homogeneous Area					Quantity & Condition			
Sample Description (Material Type)	**Sample Location**	**NSHAP Category**	**ACM Type**	**Bulk Sample No.**	**Good**	**Fair**	**Poor**	**Asbestos Content**
Drywall/Joint Compound - Joint Compound	Bedroom 2			3-2				NAD
Drywall/Joint Compound - Drywall	Kitchen			3-3				NAD
Drywall/Joint Compound - Joint Compound	Kitchen			3-3				NAD
Floor Tile/Mastic - Tile	Kitchen			4-1				NAD
Floor Tile/Mastic - Mastic	Kitchen			4-1				NAD
Floor Tile/Mastic - TIle	Kitchen			4-1				NAD
Floor Tile/Mastic - Mastic	Kitchen			4-1				NAD
Floor Tile/Mastic - Tile	Bathroom			4-2				NAD
Floor Tile/Mastic - Mastic	Bathroom			4-2				NAD
Transite	**Basement**	**Cat II Non-Friable**	**Misc.**	**5-1**		**10 SF**		**50% Chrysotile**
Transite	**Basement**	**Cat II Non-Friable**	**Misc.**	**5-2**				**50% Chrysotile**

ATTACHMENT 3

Laboratory Data

SanAir Technologies Laboratory

Analysis Report

prepared for

Turn-Key Environmental Consultants, Inc.

Report Date: 10/20/2015
Project Name: 539 Corwin St.
Project #: TK-20C
SanAir ID#: 15032505

NVLAP LAB CODE 200870-0

Virginia SBE
Certification # 652931

Texas Licensed Mold Analysis Laboratory
License # LAB0166

SanAir Technologies Laboratory

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

15032505

FINAL REPORT

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

Project Number: TK-20C
P.O. Number:
Project Name: 539 Corwin St.

Collected Date: 10/14/2015
Received Date: 10/16/2015 10:25:00 AM
Report Date: 10/20/2015 5:52:03 PM
Analyst: Robertson, Erin

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
1-1 / 15032505-001 Plaster/ Skim Coat Living Room, Plaster	Grey Non-Fibrous Homogeneous		100% Other	None Detected
1-1 / 15032505-001 Plaster/ Skim Coat Living Room, Skim Coat	Cream Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
1-2 / 15032505-002 Plaster/ Skim Coat Bedroom 2, Plaster	Grey Non-Fibrous Homogeneous		100% Other	None Detected
1-2 / 15032505-002 Plaster/ Skim Coat Bedroom 2, Skim Coat	Cream Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
1-3 / 15032505-003 Plaster/ Skim Coat Bedroom 3, Plaster	Grey Non-Fibrous Homogeneous		100% Other	None Detected
1-3 / 15032505-003 Plaster/ Skim Coat Bedroom 3, Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
1-4 / 15032505-004 Plaster/ Skim Coat Bedroom 3 Ceiling, Plaster	Grey Non-Fibrous Homogeneous		100% Other	None Detected
1-4 / 15032505-004 Plaster/ Skim Coat Bedroom 3 Ceiling, Skim Coat	Cream Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
2-1 / 15032505-005 Window Glaze Bedroom 2	Grey Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Analyst: Erin Robertson
Date: 10/20/2015

Reviewed:
Date: 10/20/2015

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

15032505

FINAL REPORT

Name: Turn-Key Environmental Consultants, Inc.
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Troy, OH 45373

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P.O. Number:
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Received Date: 10/16/2015 10:25:00 AM
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Analyst: Robertson, Erin

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
2-2 / 15032505-006 Window Glaze Living Room	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
3-1 / 15032505-007 Drywall/ Joint Compound Bedroom 1, Drywall	Off-White Non-Fibrous Homogeneous	5% Cellulose	95% Other	None Detected
3-1 / 15032505-007 Drywall/ Joint Compound Bedroom 1, Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
3-2 / 15032505-008 Drywall/ Joint Compound Bedroom 2, Drywall	Off-White Non-Fibrous Homogeneous	5% Cellulose	95% Other	None Detected
3-2 / 15032505-008 Drywall/ Joint Compound Bedroom 2, Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
3-3 / 15032505-009 Drywall/ Joint Comp Kitchen Ceiling, Drywall	Off-White Non-Fibrous Homogeneous	5% Cellulose	95% Other	None Detected
3-3 / 15032505-009 Drywall/ Joint Comp Kitchen Ceiling, Joint Compound	Various Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
4-1 / 15032505-010 Floor Tile/ Mastic (2 Layers) Kitchen, Tile	Tan Non-Fibrous Homogeneous		100% Other	None Detected
4-1 / 15032505-010 Floor Tile/ Mastic (2 Layers) Kitchen, Mastic	Clear Non-Fibrous Homogeneous		100% Other	None Detected
4-1 / 15032505-010 Floor Tile/ Mastic (2 Layers) Kitchen, Tile	Off-White Non-Fibrous Homogeneous		100% Other	None Detected
4-1 / 15032505-010 Floor Tile/ Mastic (2 Layers) Kitchen, Mastic	Clear Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Analyst: Erin Robertson Reviewed:

Date: 10/20/2015 Date: 10/20/2015

SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
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Analyst: Robertson, Erin

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
4-2 / 15032505-011 Floor Tile/ Mastic Bathroom, Tile	Tan Non-Fibrous Homogeneous		100% Other	None Detected
4-2 / 15032505-011 Floor Tile/ Mastic Bathroom, Mastic	Clear Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
5-1 / 15032505-012 Transite Basement	Grey Fibrous Homogeneous	40% Cellulose	10% Other	50% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
5-2 / 15032505-013 Transite Basement	Grey Fibrous Homogeneous	40% Cellulose	10% Other	50% Chrysotile

Certification

Analyst: Erin Robertson
Date: 10/20/2015

Reviewed:
Date: 10/20/2015

SanAir Technologies Laboratory
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: 1503 2505

Company: Turn-Key Environmental Consultants, Inc.	Project #: TK-20C	Collected by: J. Saunders
Address: 790 BarnHart Rd.	Project Name: 539 Corwin St.	Phone #: 937-335-8807
City, St., Zip: Troy, OH 45373	Date Collected: 10/14/15	Fax #:
State of Collection: Ohio Account#:	P.O. Number:	Email: TKEC@Turn-keyenvironmental.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	☐

Water

ABHE	EPA 100.2	☐

Air

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

New York ELAP

PLM NY	PLM EPA 600/M4-82-020	☐
ABEPA2	NY ELAP 198.1	☐
ABENY	NY ELAP 198.6 PLM NOB	☐
ABBNY	NY ELAP 198.4 TEM NOB	☐

Soil/Vermiculite

ABSE	PLM EPA 600/R-93/116 (Qual.)	☐
ABSP	PLM CARB 435 (LOD <1%)	☐
ABSP1	PLM CARB 435 (LOD 0.25%)	☐
ABSP2	PLM CARB 435 (LOD 0.1%)	☐

Dust

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

Matrix	Other	
		☐

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	10/15/15	1700	MC	OCT 16 2015	0725 AM

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.

15032505

ASBESTOS BULK SAMPLE LOG

Project - 539 Corwin St.

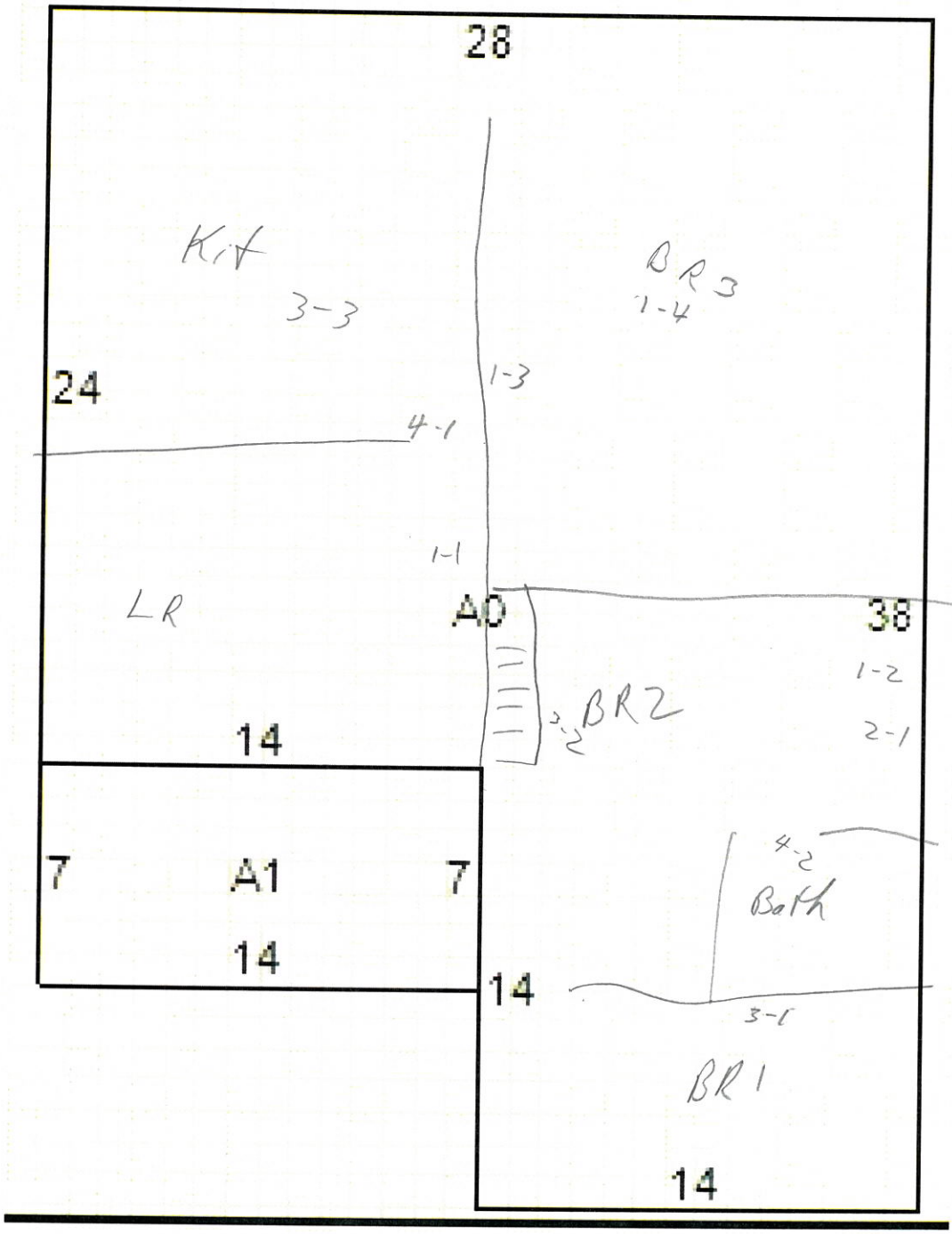
TKEC Job# TK-20C

Sample #	Date	Color	Type	Location
1-1	10/14/2015	White	Plaster/Skim Coat	Living Room
1-2	10/14/2015	White	Plaster/Skim Coat	Bedroom 2
1-3	10/14/2015	Blue	Plaster/Skim Coat	Bedroom 3
1-4	10/14/2015	Blue	Plaster/Skim Coat	Bedroom 3 Ceiling
2-1	10/14/2015	Grey	Window Glaze	Bedroom 2
2-2	10/14/2015	Grey	Window Glaze	Living Room
3-1	10/14/2015	White	Drywall/Joint Compound	Bedroom 1
3-2	10/14/2015	White	Drywall/Joint Compound	Bedroom 2
3-3	10/14/2015	White	Drywall/Joint Compound/Texture	Kitchen Ceiling
4-1	10/14/2015	Tan	Floor Tile/Mastic (2 layers)	Kitchen
4-2	10/14/2015	Tan	Floor Tile/Mastic	Bathroom
5-1	10/14/2015	Grey	Transite	Basement
5-2	10/14/2015	Grey	Transite	Basement

MC OCT 16 2015 10:25AM

ATTACHMENT 4

Site Sketch/Photographs



Notes:

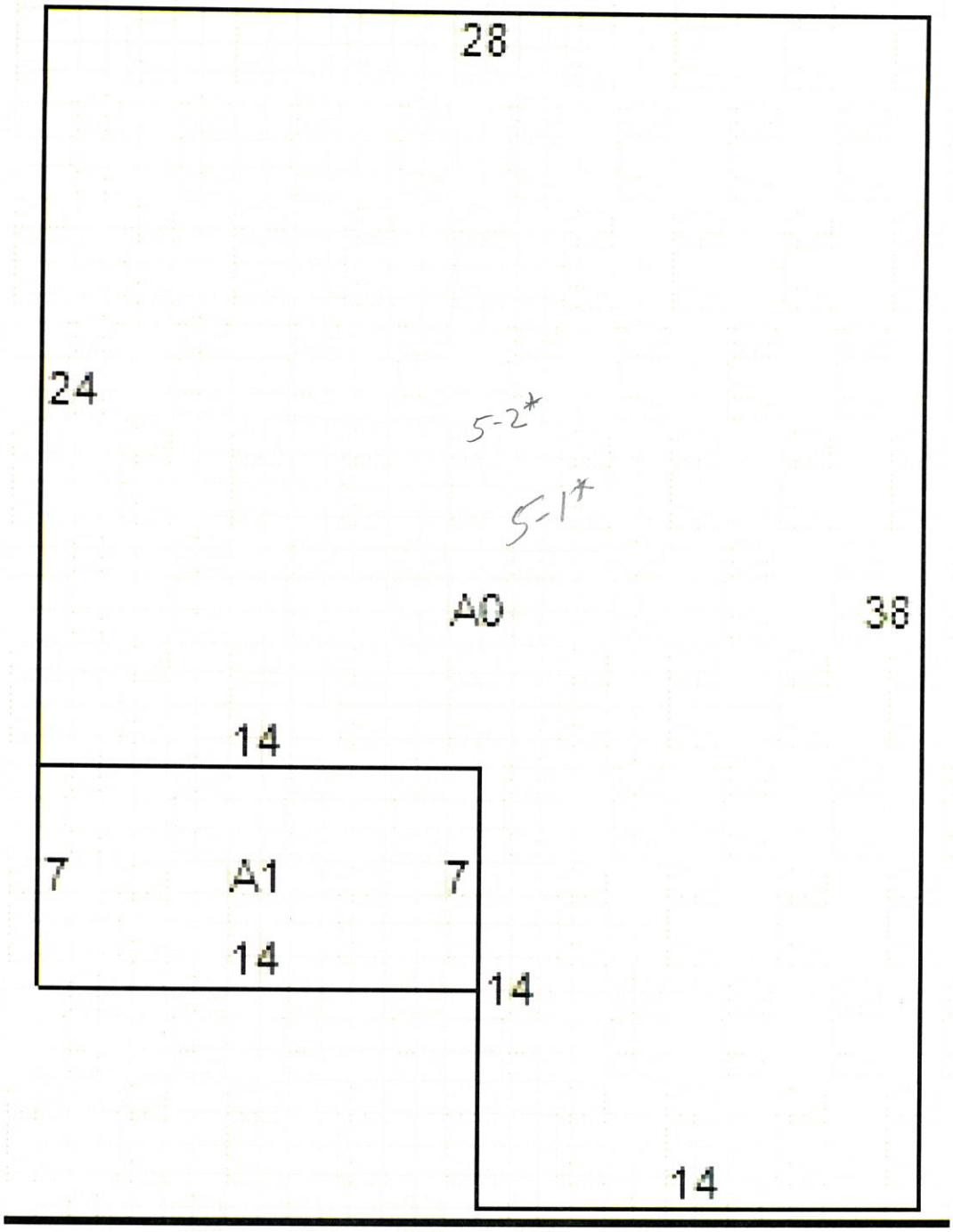
L-1 Approximate Sample Location

L-1* Asbestos > 1%

Main

FLOOR PLAN

TK-20C_ 539 Corwin



Notes:

L-1 Approximate Sample Location

L-1* Asbestos > 1%

Basement

FLOOR PLAN

TK-20C_ 539 Corwin

R72 02004 0039 02/24/2013

539 Corwin

Sample 1-1 Plaster/Skim Coat

Sample 1-2 Plaster/Skim Coat

Sample 1-3 Plaster/Skim Coat

Sample 1-4 Plaster/Skim Coat

Sample 2-1 Window Glazing

Sample 3-1 Drywall/Joint Compound

Sample 3-2 Drywall/Joint Compound

Sample 4-1 Tan Floor Tile

Sample 4-2 Tan Floor Tile

Sample 2-2 Window Glazing

Sample 5-1 Transite

		
Sample 5-2 Transite	Transite on Floor in Basement	

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 Adminstrative Code.

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

Sincerely,

Bill Robbins

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