

**ASBESTOS INSPECTION REPORT
10 North Henry Court, 5 Delaware Street
South Burlington, VT 05403
AIP 87**

**December 16, 2011
Revised January 31, 2012**

KAS PROJECT # 509110229

PREPARED FOR:

**Stantec, Inc.
55 Green Mountain Drive
South Burlington, VT 05403**



**P.O. BOX 787
WILLISTON, VT 05495**

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1. INSPECTION SUMMARY

Two vacant single family homes located at 10 North Henry Court and 5 Delaware Street, South Burlington, Vermont were inspected for the presence of asbestos containing materials (ACMs) between November 16 and 17, 2011. The inspections were predemolition inspections conducted to fulfill US EPA NESHAPS requirements in accordance with 40 CFR Part 61 Subpart M and State of Vermont asbestos requirements in accordance with V.S.A. Title 18, Chapter 26. The inspections/sampling included obtaining bulk samples from suspect materials inside and out side the buildings. The inspections are believed to have reasonably determined the asbestos containing materials that exist in the buildings.

10 N. Henry Court – 10 different homogeneous suspect materials were identified and sampled in this house. Kitchen sink undercoating (1.5% Chrysotile asbestos) was ACM.

5 Delaware Street - 12 different homogeneous suspect materials were identified and sampled in this house. Bathroom sheet flooring (not the mastic) was ACM (15% Chrysotile). Vermiculite attic insulation has been assumed ACM in accordance with the latest EPA guidance (see Appendix 4).

A copy of this inspection report should be kept on site during demolitions.

Table 1 summarizes the inspection results.

2. INSPECTION METHODS

This asbestos site inspection was conducted by an EPA accredited, State of Vermont certified, Asbestos Inspector/ Management Planner and EPA accredited, State of Vermont certified, Asbestos Inspectors generally in accordance with AHERA inspection guidelines and generally accepted procedures. Bulk sample analysis was conducted by a State of Vermont licensed laboratory, EMSL Analytical, Inc. of Cinnaminson, NJ.

The asbestos inspection consisted of a visual and physical inspection. The entire interior and exterior of the buildings were inspected including opening cavities. Destructive demolition inspections were performed. In accordance with the workscope for this project, bulk samples were collected and analyzed from each suspect material found except for Vermiculite insulation which has been assumed asbestos containing in accordance with the latest EPA guidance. Bulk samples of suspect ACM were analyzed for asbestos content using PLM methods.

3. VERMONT REGULATIONS FOR ASBESTOS CONTROL (VRAC)

The Vermont Regulations for Asbestos Control, as authorized by 18 VSA Chapter 26, detail the procedures, regulations, certifications and licenses required when disturbance of asbestos containing materials occurs in the State of Vermont. In essence, any

company, individual or organization that disturbs asbestos containing materials or provides asbestos consulting or laboratory services must be certified by the State of Vermont. Personnel who conducted the inspection, bulk sample collections and laboratory analysis were properly certified by the State of Vermont and also possess current EPA approved training in asbestos site inspections and asbestos laboratory analysis.

4. CERTIFICATION/ACCREDITATION

Inspection Locations: 10 N. Henry Court and 5 Delaware Street, South Burlington, VT

Inspection Dates: November 16 - 17, 2011

Buildings Inspected: Two vacant residential structures.

Inspector Certification/Accreditation:

The personnel who conducted the inspection/bulk sampling of the facilities hold the following Certification/Accreditation program requirements:

Inspector:

Peter Schuyler: Vermont Asbestos Inspector/ Management Planner – MP014292

Signature: 

Amy King: Vermont Asbestos Inspector – AI097744

Signature: 

Jeremy Roberts: Vermont Asbestos Inspector – AI127703

Signature: 

Corporate and inspector licenses and certifications are contained in Appendix 1.

Asbestos bulk samples have been analyzed by EMSL Analytical, Inc. of Cinnaminson, NJ.

5. INSPECTION RESULTS

Building material/sample locations and specific results of the sampling and analysis and visual inspection are contained in Table 1 and Appendices 2 and 3. Several asbestos containing materials were identified and are high lighted in Table 1.

6. OBSERVATIONS AND RECOMMENDATIONS

Building Comments:

Both of the houses inspected consisted of older houses that were vacant and were to be torn down. In general the houses were in good condition. The houses were both wood frame with mostly finished basements. 5 Delaware Street was a one story house while 10 North Henry Court was a two story house. The houses exhibited general renovations and additions. Heating systems and utilities had been either removed or shut off. Heating was generally with forced hot air. 10 North Henry Court had vinyl siding applied over older siding and 5 Delaware Street had aluminum siding over old siding. The entire houses were available for inspection.

Recommendations:

Prior to demolition the identified ACM needs to be removed in full compliance with the Vermont Regulations for Asbestos Control.

If the houses are to be moved to another location it should be verified with the Vermont Health Department Asbestos Program that it is acceptable to move them with asbestos in place if it is not abated.

Proper notifications in accordance with US EPA NESHAPS 40 CFR Part 61 Subpart M, asbestos, and State of Vermont asbestos requirements in accordance with V.S.A. Title 18, Chapter 26 need to be submitted before any demolition takes place..

TABLE 1 – INSPECTION RESULTS SUMMARY
10 NORTH HENRY COURT & 5 DELAWARE STREET, SOUTH BURLINGTON, VT

HA/SAMPLE # LOCATION	MATERIAL	ANALYTICAL RESULTS	QUANTITY/ CONDITION
10 NORTH HENRY CLOURT			
1/10NH1-3 1 st flr closets	9"x9" floor tile/ mastic	negative for asbestos	
2/10NH4-6 kitchen	sheet flooring, 2 layer/ mastic	negative for asbestos	
3/10NH7-8 garage windows	glaze	negative for asbestos	
4/10NH9-10 Kitchen sink	sound deadener	1.5% Chrysotile asbestos	<2sqft/ good
5/10NH11-13 basement	12"x12" floor tile/ mastic	negative for asbestos	
6/10NH14-16 1 st flr front closet	sheet flooring/ mastic	negative for asbestos	
7/10NH17-19 exterior walls	siding paper	negative for asbestos	
8/10NH20-22 walls/ ceilings	plaster/ skim coat	negative for asbestos	
9/10NH23-25 kitchen	cove molding/ mastic	negative for asbestos	
10/10NH26-28 2 nd flr rooms	plaster	negative for asbestos	
5 DELEWARE STREET			
1/5D1-3 1st flr under hardwood	paper	negative for asbestos	
2/5D4-5 garage foyer	vinyl flooring	negative for asbestos	
3/5D6-8 kitchen	sheet flooring/ mastic three layers	negative for asbestos	
4/5D9-11 1 st flr walls, ceiling	plaster	negative for asbestos	
5/5D12-14 bathroom	sheet flooring/ mastic	15% Chrysotile asbestos, mastic not ACM	~80sqft/ good
6/5D15-16 bathroom	white caulk	negative for asbestos	
7/5D17-19 1 st flr ceilings	textured paint	negative for asbestos	

5 DELEWARE STREET – continued

8/5D20-22 basement	2'x4' ceiling tiles	negative for asbestos	
9/5D23-24 basement windows	glaze	negative for asbestos	
10/5D25-27 1 st flr addition	sheetrock	negative for asbestos	
11/5D28-30 house exterior sides	exterior siding paper	negative for asbestos	
12/5D31-33 roof	shingles/ tar paper	negative for asbestos	
attic	Vermiculite	assumed asbestos containing	~900sqft/ good

Notes:

1. HA – homogeneous area, sqft – square feet, lft – linear feet
2. ACM – asbestos containing material, > 1% asbestos content
3. Materials 1% or less asbestos are not considered asbestos containing however when working with the materials VOSHA worker protection equipment must be followed.

APPENDIX 1

KAS LICENSES/ CERTIFICATIONS

ASBESTOS CONSULTING ENTITY

KAS, INC.
P.O. BOX 787
WILLISTON VT 05495

Vermont Department of Health
Drawer 30
P.O. Box 70
Burlington, VT 05402

LICENSE: CE869095

EXPIRES: Sunday, March 11, 2012

CERTIFICATE OF LICENSE
VERMONT ASBESTOS REGULATORY PROGRAM

THIS CERTIFICATE SHALL REMAIN IN FORCE UNTIL THE EXPIRATION DATE UNLESS REVOKED
OR VOIDED BEFORE THAT TIME.
THIS CERTIFICATE IS NOT TRANSFERABLE AND IS VALID ONLY FOR THE ABOVE PARTY.
THIS CERTIFICATE IS FOR OFFICE USE ONLY.



VERMONT DEPARTMENT OF HEALTH
Asbestos & Lead Regulatory Program

Asbestos Project Designer
Not a Legal Form or ID

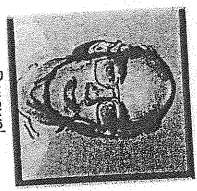
PETER SCHUYLER



Eff. Date 04/06/11
Exp. Date 04/06/12

CONES

PD018118



VERMONT DEPARTMENT OF HEALTH

Asbestos & Lead Regulatory Program

Asbestos Inspector/Management Planner
Not a Legal Form or ID

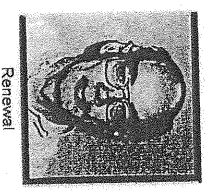
PETER SCHUYLER



Eff. Date 08/31/11
Exp. Date 09/15/12

CONES

MP014292



VERMONT DEPARTMENT OF HEALTH

Asbestos & Lead Regulatory Program

Asbestos Site Inspector

Not a Legal Form of ID

AMY K. KING

Eff. Date 08/24/11

Exp. Date 09/15/12

CONES

A1097744

VT



Renewal

VERMONT DEPARTMENT OF HEALTH

Asbestos & Lead Regulatory Program

Asbestos Site Inspector

Not a Legal Form of ID

JEREMY ROBERTS

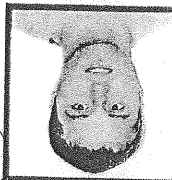
Eff. Date 01/21/11

Exp. Date 01/29/12

CONES

A1127703

VT



Renewal

APPENDIX 2
LABORATORY ANALYSIS REPORTS

041130855

Asbestos Lab Services Chain of Custody
EMSL Order Number (Lab Use Only):

Corporate - Cinnaminson, NJ
200 Route 130 North
Cinnaminson, NJ 08077
PHONE: 1-800-220-3675
FAX: (856) 786-5974



Company: KAS, Inc. EMSL-Bill to: Same Different
Street: PO Box 787 368 Avenue D, Suite 15 If Bill to is Different note instructions in Comments**
City/State/Zip: Williston, VT 05495 Third Party Billing requires written authorization from third party
Report To (Name): Peter Schuyler Fax: 802-383-0490
Telephone: 802-383-0486 Email Address: peters@kas-consulting.com
Project Name/Number: 5 Delaware
Please Provide Results: Email Purchase Order: 509110229 State Samples Taken: VT

Turnaround Time (TAT) Options* - Please Check
 3 Hour 6 Hour 24 Hour 48 Hour 72 Hour 96 Hour 1 Week 2 Week
 *For TEM Air 3 hr through 6 hr, please call ahead to schedule. There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PCM - Air Check if samples are from NY
 NIOSH 7400
 w/ OSHA 8hr. TWA

PLM - Bulk (reporting limit)
 PLM EPA 600/R-93/116 (<1%)
 PLM EPA NOB (<1%)
 Point Count
 400 (<0.25%) 1000 (<0.1%)
 Point Count w/Gravimetric
 400 (<0.25%) 1000 (<0.1%)
 NYS 198.1 (friable in NY)
 NYS 198.6 NOB (non-friable-NY)
 NIOSH 9002 (<1%)

TEM - Air 4-4.5hr TAT (AHERA only)
 AHERA 40 CFR, Part 763
 NIOSH 7402
 EPA Level II
 ISO 10312

TEM - Bulk
 TEM EPA NOB
 NYS NOB 198.4 (non-friable-NY)
 Chatfield SOP
 TEM Mass Analysis-EPA 600 sec. 2.5

TEM - Water: EPA 100.2
 Fibers >10µm Waste Drinking
 All Fiber Sizes Waste Drinking

TEM-Dust
 Microvac - ASTM D 5755
 Wipe - ASTM D6480
 Carpet Sonication (EPA 600/J-93/167)

Soil/Rock/Vermiculite
 PLM CARB 435 - A (0.25% sensitivity)
 PLM CARB 435 - B (0.1% sensitivity)
 TEM CARB 435 - B (0.1% sensitivity)
 TEM CARB 435 - C (0.01% sensitivity)
 EPA Protocol (Semi-Quantitative)
 EPA Protocol (Quantitative)

Other:

Check For Positive Stop - Clearly Identify Homogenous Group Filter Pore Size (Air Samples): 0.8µm 0.45µm

Samplers Name: PETER SCHUYLER Samplers Signature: [Signature]

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
	SEE ATTACHED		2011 NOV 22 P 12:12

Client Sample # (s): -1 --33 Total # of Samples: 33
 Relinquished (Client): [Signature] Date: 11/20/11 Time: 1007
 Received (Lab): [Signature] Date: 11-22-11 Time: 930A

Comments/Special Instructions:

OK
33 samples
STM 11/22/11

SAMPLES ACCEPTED FOR ANALYSIS BY EMSL ANALYTICAL INC. RECEIVED - CINNAMINSON, N.J.

041130855
 KAS, INC., P.O. BOX 787, WILLISTON, VT 05495 (802) 383-0486
 VERMONT ASBESTOS CONSULTING ENTITY LICENSE CE615423
 JEREMY ROBERTS
 2064

PROJECT NO.: 509110229
 CLIENT: Stantec Consulting Services, Inc.
 55 Green Mountain Drive
 South Burlington, VT 05403
 LOCATION: S DELAWARE STREET
 SOUTH BURLINGTON, VT

SAMPLER: PETER SCOTTYLER SIGNATURE: [Signature]
 SAMPLE TYPE: Bulk
 TURNAROUND TIME: 1wk

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
1	SD1	11/17/11	PLM	1st Floor	Floors Paper	~500 lb	none
1	SD2				↓		
1	SD3				↓		
2	SD4			Garage Foyer	Vinyl Flooring	< 5 lb	none
2	SD5			↓	↓		
3	SD6			Kitchen Floor	Sheet Flooring/Mastic	~100 lb	none
3	SD7			↓	3 layers		
3	SD8			↓	↓		
4	SD9			Walls ceiling 1st Floor	Plaster		
4	SD10			↓	↓		
4	SD11			↓	2 layers		
5	SD12			Bathroom	Sheet Flooring/Mastic	~80 lb	none

RELINQUISHED BY: [Signature] DATE/TIME: 12/07 RECEIVED BY: [Signature] DATE/TIME: 2011 NOV 22 P 12:12

RECEIVED BY: [Signature] DATE/TIME: 12/07
 RECEIVED BY: [Signature] DATE/TIME: 12/12

COMMENTS:
 1) Analyze each homogeneous group to first positive only
 2) PLM EPA 600-93/116, EPA 400 Point count all <10% asbestos
 3) Vermont samples
 4) HA - homogeneous area


RECEIVED
 EM5L
 CINNAMINSON, N.J.

SAMPLES ACCEPTED
 FOR ANALYSIS BY
 EM5L ANALYTICAL INC.

[Signature]

04130855

KAS, INC., P.O. BOX 787, WILLISTON, VT 05495 (802) 383-0486
VERMONT ASBESTOS CONSULTING ENTITY LICENSE CE615423

JEREMY ROBERTS
SAMPLER: PETER SCHUYLER SIGNATURE: 

PROJECT NO.: S09110229

CLIENT: Stantec Consulting Services, Inc.

55 Green Mountain Drive

South Burlington, VT 05403

LOCATION:

S DELAWARE STREET

SOUTH BURLINGTON, VT

SAMPLE TYPE: Bulk TURNAROUND TIME: PS 1WK

HA SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
5 SD13	11/17/14	PLM	Bathroom	Sheet flooring/mastic	~80#	none
5 SD14				↓ 2 layers		
6 SD15			Bathroom	white caulk	<10 in ft	none
6 SD16				↓		
7 SD17			1st Floor ceiling	Textured Paint	~800#	none
7 SD18				↓		
7 SD19				↓		
8 SD20			Basement	2x4 ceiling tile	~800#	damaged
8 SD21				↓		
8 SD22				↓		
9 SD23			Basement windows	gluze	~10 in ft	damaged
9 SD24				↓		

RELINQUISHED BY:  DATE/TIME: 11/20/14 RECEIVED BY: DATE/TIME: 10/27

RELINQUISHED BY: DATE/TIME: RECEIVED BY: DATE/TIME:

- COMMENTS:
- 1) Analyze each homogeneous group to first positive only
 - 2) PLM EPA 600-93/116, EPA 400 Point count all <10% asbestos
 - 3) Vermont samples
 - 4) HA - homogeneous area

RECEIVED:
EMSL
CINNAMINSON, N.J.
2014 NOV 22 12:12

SAMPLES ACCEPTED FOR ANALYSIS BY EMSL ANALYTICAL INC.

041130855

KAS, INC., P.O. BOX 787, WILLISTON, VT 05495 (802) 383-0486
VERMONT ASBESTOS CONSULTING ENTITY LICENSE CE615423

484

PROJECT NO: 509110229

SAMPLER: JEREMY ROBERTS
SIGNATURE: [Signature]

CLIENT: Stantec Consulting Services, Inc.

LOCATION: S DELEWAND STREET
SOUTH BURLINGTON, VT

55 Green Mountain Drive

South Burlington, VT 05403

SAMPLE TYPE: Bulk TURNAROUND TIME: routine 1WK

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
10	SD25	11/14	PLM	ADDITION 1st Floor	Sheet Rock	~160 #	none
10	SD26				↓		
10	SD27				↓		
11	SD28			Siding House	Paper	~1300 #	none
11	SD29				↓		
11	SD30				↓		
12	SD31			Roof	shingle/tar paper	~1200 #	none
12	SD32				↓		
12	SD33				↓		

RELINQUISHED BY: [Signature] DATE/TIME: 11/20/11 RECEIVED BY: DATE/TIME:

RELINQUISHED BY: DATE/TIME: RECEIVED BY: DATE/TIME:

- COMMENTS:
- 1) Analyze each homogeneous group to first positive only
 - 2) PLM EPA 600-93/116, EPA 400 Point count all <10% asbestos
 - 3) Vermont samples
 - 4) HA - homogeneous area

RECEIVED
EMSL
CHNAMINSON, N.J.
NOV 22 P 12:12

SAMPLES ACCEPTED
FOR ANALYSIS BY
EMSL ANALYTICAL INC.



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (800) 220-3675 Fax: (856) 786-5974 Email: cinnasblab@EMSL.com

Attn: Peter Schuyler
KAS, Inc.
PO Box 787
368 Avenue D Suite 15
Williston, VT 05495

Customer ID: KASI62
Customer PO: 509110229
Received: 11/22/11 9:30 AM
EMSL Order: 041130855

Fax: (802) 383-0490 Phone: (802) 383-0486
Project: 5 DELAWARE

EMSL Proj:
Analysis Date: 11/29/2011

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

Table with 7 columns: Sample, Description, Appearance, % Fibrous, % Non-Fibrous, Asbestos % Type. Rows include samples 5D1 through 5D6-FLOORING-1 with details on location and material type.

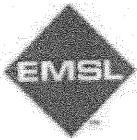
Initial report from 11/29/2011 14:13:17

Analyst(s)
Chris Little (52)
Johnny Yu (2)

Signature of Stephen Siegel

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

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EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (800) 220-3675 Fax: (856) 786-5974 Email: cinnasblab@EMSL.com

Attn: **Peter Schuyler**
KAS, Inc.
PO Box 787
368 Avenue D Suite 15
Williston, VT 05495

Customer ID: KASI62
Customer PO: 509110229
Received: 11/22/11 9:30 AM
EMSL Order: 041130855

Fax: (802) 383-0490 Phone: (802) 383-0486
Project: **5 DELAWARE**

EMSL Proj:
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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
5D6-MASTIC 041130855-0006A	KITCHEN FLOOR - MASTIC	Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
5D6-FLOORING-2 041130855-0006B	KITCHEN FLOOR - SHEET FLOORING	Grayish Fibrous Heterogeneous	20% Cellulose 2% Glass	78% Non-fibrous (other)	None Detected
5D6-FLOORING-3 041130855-0006C	KITCHEN FLOOR - SHEET FLOORING	Beige Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
5D7-FLOORING-1 041130855-0007	KITCHEN FLOOR - SHEET FLOORING	Tan Fibrous Heterogeneous	3% Cellulose	97% Non-fibrous (other)	None Detected
5D7-MASTIC 041130855-0007A	KITCHEN FLOOR - MASTIC	Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
5D7-FLOORING-2 041130855-0007B	KITCHEN FLOOR - SHEET FLOORING	Grayish Fibrous Heterogeneous	20% Cellulose 2% Glass	78% Non-fibrous (other)	None Detected

Initial report from 11/29/2011 14:13:17

Analyst(s)

Chris Little (52)
Johnny Yu (2)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (800) 220-3675 Fax: (856) 786-5974 Email: cinnasblab@EMSL.com

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KAS, Inc.
PO Box 787
368 Avenue D Suite 15
Williston, VT 05495

Customer ID: KASI62
Customer PO: 509110229
Received: 11/22/11 9:30 AM
EMSL Order: 041130855

Fax: (802) 383-0490 Phone: (802) 383-0486
Project: 5 DELAWARE

EMSL Proj:
Analysis Date: 11/29/2011

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
5D7-FLOORING-3 041130855-0007C	KITCHEN FLOOR - SHEET FLOORING	Beige Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
5D8-FLOORING-1 041130855-0008	KITCHEN FLOOR - SHEET FLOORING	Tan Fibrous Heterogeneous	3% Cellulose	97% Non-fibrous (other)	None Detected
5D8-MASTIC 041130855-0008A	KITCHEN FLOOR - MASTIC	Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
5D8-FLOORING-2 041130855-0008B	KITCHEN FLOOR - SHEET FLOORING	Grayish Fibrous Heterogeneous	20% Cellulose 2% Glass	78% Non-fibrous (other)	None Detected
5D8-FLOORING-3 041130855-0008C	KITCHEN FLOOR - SHEET FLOORING	Beige Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
5D9-Skim Coat 041130855-0009	WALLS CEILING 1ST FLOOR - PLASTER	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

Initial report from 11/29/2011 14:13:17

Analyst(s)

Chris Little (52)
Johnny Yu (2)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (800) 220-3675 Fax: (856) 786-5974 Email: cinnasblab@EMSL.com

Attn: **Peter Schuyler**
KAS, Inc.
PO Box 787
368 Avenue D Suite 15
Williston, VT 05495

Customer ID: KAS162
Customer PO: 509110229
Received: 11/22/11 9:30 AM
EMSL Order: 041130855

Fax: (802) 383-0490 Phone: (802) 383-0486
Project: **5 DELAWARE**

EMSL Proj:
Analysis Date: 11/29/2011

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
5D9-Base Coat <i>041130855-0009A</i>	WALLS CEILING 1ST FLOOR - PLASTER	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
5D9-Drywall <i>041130855-0009B</i>	WALLS CEILING 1ST FLOOR - PLASTER	Brown/Gray Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
5D10-Skim Coat <i>041130855-0010</i>	WALLS CEILING 1ST FLOOR - PLASTER	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
5D10-Base Coat <i>041130855-0010A</i>	WALLS CEILING 1ST FLOOR - PLASTER	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
5D10-Drywall <i>041130855-0010B</i>	WALLS CEILING 1ST FLOOR - PLASTER	Brown/Gray Fibrous Heterogeneous	25% Cellulose	75% Non-fibrous (other)	None Detected
5D11-Skim Coat <i>041130855-0011</i>	WALLS CEILING 1ST FLOOR - PLASTER	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

Initial report from 11/29/2011 14:13:17

Analyst(s)

Chris Little (52)
Johnny Yu (2)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (800) 220-3675 Fax: (856) 786-5974 Email: cinnasblab@EMSL.com

Attn: **Peter Schuyler**
KAS, Inc.
PO Box 787
368 Avenue D Suite 15
Williston, VT 05495

Customer ID: KAS162
Customer PO: 509110229
Received: 11/22/11 9:30 AM
EMSL Order: 041130855

Fax: (802) 383-0490
Project: 5 DELAWARE

Phone: (802) 383-0486

EMSL Proj:
Analysis Date: 11/29/2011

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
5D11-Base Coat 041130855-0011A	WALLS CEILING 1ST FLOOR - PLASTER	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
5D11-Drywall 041130855-0011B	WALLS CEILING 1ST FLOOR - PLASTER	Brown/Gray Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
5D12-FLOORING-1 041130855-0012	BATHROOM - SHEET FLOORING	Tan Fibrous Heterogeneous	10% Cellulose	75% Non-fibrous (other)	15% Chrysotile
5D12-MASTIC 041130855-0012A	BATHROOM - MASTIC				Insufficient Material
5D12-FLOORING-2 041130855-0012B	BATHROOM - SHEET FLOORING	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
5D13-FLOORING-1 041130855-0013	BATHROOM - SHEET FLOORING				Stop Positive (Not Analyzed)

Initial report from 11/29/2011 14:13:17

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EMSL Proj:
Analysis Date: 11/29/2011

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
5D13-MASTIC 041130855-0013A	BATHROOM - MASTIC	Clear Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
5D13-FLOORING-2 041130855-0013B	BATHROOM - SHEET FLOORING	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
5D14-FLOORING-1 041130855-0014	BATHROOM - SHEET FLOORING				Stop Positive (Not Analyzed)
5D14-MASTIC 041130855-0014A	BATHROOM - MASTIC	Clear Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
5D14-FLOORING-2 041130855-0014B	BATHROOM - SHEET FLOORING	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
5D15 041130855-0015	BATHROOM - WHITE CAULK	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

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EMSL Proj:
Analysis Date: 11/29/2011

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
5D16 041130855-0016	BATHROOM - WHITE CAULK	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5D17 041130855-0017	1ST FLOOR CEILING - TEXTURED PAINT	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
5D18 041130855-0018	1ST FLOOR CEILING - TEXTURED PAINT	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
5D19 041130855-0019	1ST FLOOR CEILING - TEXTURED PAINT	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
5D20 041130855-0020	BASEMENT - 2X4 CEILING TILE	Gray/White Fibrous Heterogeneous	70% Cellulose 10% Min. Wool	20% Non-fibrous (other)	None Detected
5D21 041130855-0021	BASEMENT - 2X4 CEILING TILE	Gray/White Fibrous Heterogeneous	70% Cellulose 10% Min. Wool	20% Non-fibrous (other)	None Detected

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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
5D22 041130855-0022	BASEMENT - GLAZE	Gray/White Fibrous Heterogeneous	70% Cellulose 10% Min. Wool	20% Non-fibrous (other)	None Detected
5D23 041130855-0023	BASEMENT WINDOWS - GLAZE	Gray Non-Fibrous Heterogeneous	100% Non-fibrous (other)		None Detected
			Suggest TEM		
5D24 041130855-0024	BASEMENT WINDOWS - GLAZE	Gray Non-Fibrous Heterogeneous	100% Non-fibrous (other)		None Detected
			Suggest TEM		
5D25 041130855-0025	ADDITION 1ST FLOOR - SHEETROCK	Brown/Gray Fibrous Heterogeneous	15% Cellulose	85% Non-fibrous (other)	None Detected
5D26 041130855-0026	ADDITION 1ST FLOOR - SHEETROCK	Brown/Gray Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
5D27 041130855-0027	ADDITION 1ST FLOOR - SHEETROCK	Brown/Gray Fibrous Heterogeneous	15% Cellulose	85% Non-fibrous (other)	None Detected

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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
5D28 041130855-0028	SIDING HOUSE - PAPER	Black Fibrous Heterogeneous	70% Cellulose	30% Non-fibrous (other)	None Detected
5D29 041130855-0029	SIDING HOUSE - PAPER	Black Fibrous Heterogeneous	70% Cellulose	30% Non-fibrous (other)	None Detected
5D30 041130855-0030	SIDING HOUSE - PAPER	Black Fibrous Heterogeneous	70% Cellulose	30% Non-fibrous (other)	None Detected
5D31-SHINGLE 041130855-0031	ROOF - SHINGLE	Gray/Black Fibrous Heterogeneous	15% Glass	85% Non-fibrous (other)	None Detected
5D31-TAR PAPER 041130855-0031A	ROOF - TAR PAPER	Black Fibrous Heterogeneous	70% Cellulose	30% Non-fibrous (other)	None Detected
5D32-SHINGLE 041130855-0032	ROOF - SHINGLE	Gray/Black Fibrous Heterogeneous	15% Glass	85% Non-fibrous (other)	None Detected

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Project: **5 DELAWARE**

EMSL Proj:
Analysis Date: 11/29/2011

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
5D32-TAR PAPER 041130855-0032A	ROOF - TAR PAPER	Black Fibrous Heterogeneous	70% Cellulose	30% Non-fibrous (other)	None Detected
5D33-SHINGLE 041130855-0033	ROOF - SHINGLE	Gray/Black Fibrous Heterogeneous	15% Glass	85% Non-fibrous (other)	None Detected
5D33-TAR PAPER 041130855-0033A	ROOF - TAR PAPER	Black Fibrous Heterogeneous	70% Cellulose	30% Non-fibrous (other)	None Detected

Cert.# PB278780(CL)/PB050988(JY)

Initial report from 11/29/2011 14:13:17

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Asbestos Lab Services Chain of Custody

Corporate - Cinnaminson, NJ
200 Route 130 North
Cinnaminson, NJ 08077
PHONE: 1-800-220-3675
FAX: (856) 786-5974

EMSL Order Number (Lab Use Only):

041130841

Company: KAS, Inc. EMSL-Bill to: Same Different
 Street: PO Box 787 368 Avenue D, Suite 15 If Bill to is Different note instructions in Comments**
 City/State/Zip: Williston, VT 05495 Third Party Billing requires written authorization from third party
 Report To (Name): Peter Schuyler Fax: 802-383-0490
 Telephone: 802-383-0486 Email Address: peters@kas-consulting.com
 Project Name/Number: 10 N Henry
 Please Provide Results: Email Purchase Order: 509110229 State Samples Taken: VT

Turnaround Time (TAT) Options* - Please Check

3 Hour 6 Hour 24 Hour 48 Hour 72 Hour 96 Hour 1 Week 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule. There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)	TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative) Other: <input type="checkbox"/>
---	--	---

Check For Positive Stop - Clearly Identify Homogenous Group Filter Pore Size (Air Samples): 0.8µm 0.45µm

Samplers Name: PETER SCHUYLER Samplers Signature: *[Signature]*

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
	SEE ATTACHED		
			2011 NOV 22 P 12:14

Client Sample # (s): -1 --28 Total # of Samples: 28
 Relinquished (Client): *[Signature]* Date: 11-20-11 Time: 0952
 Received (Lab): *[Signature]* Date: 11-22-11 Time: 930A

Comments/Special Instructions:

[Handwritten mark] ok 28 samples
 SM 11/22/11

SAMPLES ACCEPTED FOR ANALYSIS BY
 EMSL ANALYTICAL INC
 RECEIVED

041130841

284

KAS, INC., P.O. BOX 787, WILLISTON, VT 05495 (802) 383-0486
VERMONT ASBESTOS CONSULTING ENTITY LICENSE CE615423

PROJECT NO.: 509110229

SAMPLER: PETERSCHUYLER SIGNATURE: [Signature]

CLIENT: Stantec Consulting Services, Inc.

LOCATION:

55 Green Mountain Drive

10 NORTH HENRY COURT

South Burlington, VT 05403

SOUTH BURLINGTON, VT

SAMPLE TYPE: Bulk TURNAROUND TIME: 1wk

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
1	10NH1	11/16/14	PLM	1 ST FLR closets	GR 9x9 FT/Mastic	~20 #	NONE
1	10NH2						
1	10NH3						
2	10NH4			Kitchen 1 ST FLR Bath Sheet Floorin	2 Layers ~150 # Mastic		NONE
2	10NH5						
2	10NH6						
3	10NH7			GARAGE WINDOW	glaze	~8 1/2 FT	damaged
3	10NH8						
4	10NH9			Kitchen Sink	Sound Deadner	< 2 #	NONE
4	10NH10						
5	10NH11			Basement	12x12 FT Mastic	~120 #	good
5	10NH12						

RELINQUISHED BY: [Signature] DATE/TIME: 0956 RECEIVED BY: [Signature] DATE/TIME: 11/25/14

RELINQUISHED BY: _____ DATE/TIME: _____ RECEIVED BY: _____ DATE/TIME: _____

- COMMENTS:
- 1) Analyze each homogeneous group to first positive only
 - 2) PLM EPA 600-93/116, EPA 400 Point count all <10% asbestos
 - 3) Vermont samples
 - 4) HA - homogeneous area

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CINNAMINSON, N.J.
2014 NOV 22 12:14

SAMPLES ACCEPTED
FOR ANALYSIS BY
EMSL ANALYTICAL INC.

384

041130841

KAS, INC., P.O. BOX 787, WILLISTON, VT 05495 (802) 383-0486
VERMONT ASBESTOS CONSULTING ENTITY LICENSE CE615423

PROJECT NO.: S09110229

SAMPLER: PETER SAWYER SIGNATURE: [Signature]

CLIENT: Stantec Consulting Services, Inc.

LOCATION:

55 Green Mountain Drive

10 North Henry Court

South Burlington, VT 05403

South Burlington, VT

SAMPLE TYPE: Bulk TURNAROUND TIME: RS 1 WK

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
5	10NH13	11/16	PLM	Buenaent	12x12 FT / Mastic	~120 lb	good
6	10NH14			Front Closet	Sheet Flooring/Mastic	~8 ft	good
6	10NH15				↓		
6	10NH16				↓		
7	10NH17			House exterior	Siding paper	~3200 lb	good
7	10NH18				↓		
8	10NH20			Walls/Ceiling	Plaster/skim	~3000	good
8	10NH21				↓		
8	10NH22				↓		
9	10NH23			Kitchen	Cone Molding/Mastic	8 1/2 ft	hard
9	10NH24				↓		

RELINQUISHED BY: [Signature] DATE/TIME: 11/25/11 RECEIVED BY: CASE DATE/TIME: _____

RELINQUISHED BY: _____ DATE/TIME: _____ RECEIVED BY: _____ DATE/TIME: _____

- COMMENTS:
- 1) Analyze each homogeneous group to first positive only
 - 2) PLM EPA 600-93/116, EPA 400 Point count all <10% asbestos
 - 3) Vermont samples
 - 4) HA - homogeneous area

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CINNAMINSON, N.J.
2011 NOV 22 P 12:14

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FOR ANALYSIS BY
EMSL ANALYTICAL INC



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Collected:
Received: 11/22/2011

Fax: (802) 383-0490 Phone: (802) 383-0486

Proj: 10 N HENRY COURT, SOUTH BURLINGTON VT

Summary Test Report for Asbestos Analysis via EPA 600/R-93/116 and/or EPA 600/M4-82-020

Client Sample ID: 10NH01 **Lab Sample ID:** 041130841-0001

Sample Description: 1ST FLOOR CLOSETS/GR 9 X 9 FT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/29/2011	Green	0%	100%	None Detected	

Client Sample ID: 10NH01-Mastic **Lab Sample ID:** 041130841-0001A

Sample Description: 1ST FLOOR CLOSETS/MASTIC

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/29/2011	Brown	15%	85%	None Detected	

Client Sample ID: 10NH02 **Lab Sample ID:** 041130841-0002

Sample Description: 1ST FLOOR CLOSETS/GR 9 X 9 FT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/29/2011	Green	0%	100%	None Detected	

Client Sample ID: 10NH02-Mastic **Lab Sample ID:** 041130841-0002A

Sample Description: 1ST FLOOR CLOSETS/MASTIC

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/29/2011	Brown	15%	85%	None Detected	

Client Sample ID: 10NH03 **Lab Sample ID:** 041130841-0003

Sample Description: 1ST FLOOR CLOSETS/GR 9 X 9 FT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/29/2011	Green	0%	100%	None Detected	

Client Sample ID: 10NH03-Mastic **Lab Sample ID:** 041130841-0003A

Sample Description: 1ST FLOOR CLOSETS/MASTIC

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/29/2011	Brown	0%	100%	None Detected	

Client Sample ID: 10NH04 **Lab Sample ID:** 041130841-0004

Sample Description: KITCHEN/ 1ST FLOOR BATH/SHEET FLOORING 2 LAYERS

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/29/2011	White	20%	80%	None Detected	



Summary Test Report for Asbestos Analysis via EPA 600/R-93/116 and/or EPA 600/M4-82-020

Client Sample ID: 10NH04-Mastic Lab Sample ID: 041130841-0004A

Sample Description: KITCHEN/ 1ST FLOOR BATH/MASTIC

Table with 7 columns: TEST, Analyzed Date, Color, Non-Asbestos Fibrous, Non-Asbestos Non-Fibrous, Asbestos, Comment. Row 1: PLM, 11/29/2011, Yellow, 0%, 100%, None Detected.

Client Sample ID: 10NH05 Lab Sample ID: 041130841-0005

Sample Description: KITCHEN/ 1ST FLOOR BATH/SHEET FLOORING 2 LAYERS

Table with 7 columns: TEST, Analyzed Date, Color, Non-Asbestos Fibrous, Non-Asbestos Non-Fibrous, Asbestos, Comment. Row 1: PLM, 11/29/2011, White, 25%, 75%, None Detected.

Client Sample ID: 10NH05-Mastic Lab Sample ID: 041130841-0005A

Sample Description: KITCHEN/ 1ST FLOOR BATH/MASTIC

Table with 7 columns: TEST, Analyzed Date, Color, Non-Asbestos Fibrous, Non-Asbestos Non-Fibrous, Asbestos, Comment. Row 1: PLM, 11/29/2011, Yellow, 0%, 100%, None Detected.

Client Sample ID: 10NH06 Lab Sample ID: 041130841-0006

Sample Description: KITCHEN/ 1ST FLOOR BATH/SHEET FLOORING 2 LAYERS

Table with 7 columns: TEST, Analyzed Date, Color, Non-Asbestos Fibrous, Non-Asbestos Non-Fibrous, Asbestos, Comment. Row 1: PLM, 11/29/2011, White, 15%, 85%, None Detected.

Client Sample ID: 10NH06-Mastic Lab Sample ID: 041130841-0006A

Sample Description: KITCHEN/ 1ST FLOOR BATH/MASTIC

Table with 7 columns: TEST, Analyzed Date, Color, Non-Asbestos Fibrous, Non-Asbestos Non-Fibrous, Asbestos, Comment. Row 1: PLM, 11/29/2011, Yellow, 0%, 100%, None Detected.

Client Sample ID: 10NH07 Lab Sample ID: 041130841-0007

Sample Description: GARAGE WINDOW/GLAZE

Table with 7 columns: TEST, Analyzed Date, Color, Non-Asbestos Fibrous, Non-Asbestos Non-Fibrous, Asbestos, Comment. Row 1: PLM, 11/29/2011, Gray/White, 0%, 100%, None Detected.

Client Sample ID: 10NH08 Lab Sample ID: 041130841-0008

Sample Description: GARAGE WINDOW/GLAZE

Table with 7 columns: TEST, Analyzed Date, Color, Non-Asbestos Fibrous, Non-Asbestos Non-Fibrous, Asbestos, Comment. Row 1: PLM, 11/29/2011, Gray/White, 0%, 100%, None Detected.

Client Sample ID: 10NH09 Lab Sample ID: 041130841-0009

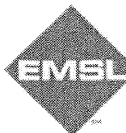
Sample Description: KITCHEN SINK/SOUND DEADNER

Table with 7 columns: TEST, Analyzed Date, Color, Non-Asbestos Fibrous, Non-Asbestos Non-Fibrous, Asbestos, Comment. Row 1: 400 PLM Pt Ct, 11/29/2011, Black, 0%, 98.50%, 1.50% Chrysotile.

Client Sample ID: 10NH10 Lab Sample ID: 041130841-0010

Sample Description: KITCHEN SINK/SOUND DEADNER

Table with 7 columns: TEST, Analyzed Date, Color, Non-Asbestos Fibrous, Non-Asbestos Non-Fibrous, Asbestos, Comment. Row 1: PLM, 11/29/2011, Stop Positive (Not Analyzed).



Summary Test Report for Asbestos Analysis via EPA 600/R-93/116 and/or EPA 600/M4-82-020

Client Sample ID: 10NH11 Lab Sample ID: 041130841-0011

Sample Description: BASEMENT/12 X 12 FT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/29/2011	Beige	0%	100%	None Detected	Recommend TEM

Client Sample ID: 10NH11-Mastic Lab Sample ID: 041130841-0011A

Sample Description: BASEMENT/MASTIC

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/29/2011	Black	0%	100%	None Detected	

Client Sample ID: 10NH12 Lab Sample ID: 041130841-0012

Sample Description: BASEMENT/12 X 12 FT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/29/2011	Beige	0%	100%	None Detected	

Client Sample ID: 10NH12-Mastic Lab Sample ID: 041130841-0012A

Sample Description: BASEMENT/MASTIC

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/29/2011	Black	0%	100%	None Detected	

Client Sample ID: 10NH13 Lab Sample ID: 041130841-0013

Sample Description: BASEMENT/12 X 12 FT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/29/2011	Beige	0%	100%	None Detected	

Client Sample ID: 10NH13-Mastic Lab Sample ID: 041130841-0013A

Sample Description: BASEMENT/MASTIC

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/29/2011	Black	0%	100%	None Detected	

Client Sample ID: 10NH14 Lab Sample ID: 041130841-0014

Sample Description: FRONT CLOSET/SHEET FLOORING

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/29/2011	Gray/Red/Various	20%	80%	None Detected	

Client Sample ID: 10NH14-Mastic Lab Sample ID: 041130841-0014A

Sample Description: FRONT CLOSET/MASTIC

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/29/2011	Yellow	0%	100%	None Detected	

Client Sample ID: 10NH15 Lab Sample ID: 041130841-0015

Sample Description: FRONT CLOSET/SHEET FLOORING

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/29/2011	Gray/Red	20%	80%	None Detected	



Summary Test Report for Asbestos Analysis via EPA 600/R-93/116 and/or EPA 600/M4-82-020

Client Sample ID: 10NH15-Mastic Lab Sample ID: 041130841-0015A

Sample Description: FRONT CLOSET/MASTIC

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/29/2011	Yellow	0%	100%	None Detected	

Client Sample ID: 10NH16 Lab Sample ID: 041130841-0016

Sample Description: FRONT CLOSET/SHEET FLOORING

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/29/2011	Gray/Red	20%	80%	None Detected	

Client Sample ID: 10NH16-Mastic Lab Sample ID: 041130841-0016A

Sample Description: FRONT CLOSET/MASTIC

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/29/2011	Yellow	0%	100%	None Detected	

Client Sample ID: 10NH17 Lab Sample ID: 041130841-0017

Sample Description: HOUSE EXTERIOR/SIDING PAPER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/29/2011	Black	75%	25%	None Detected	

Client Sample ID: 10NH18 Lab Sample ID: 041130841-0018

Sample Description: HOUSE EXTERIOR/SIDING PAPER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/29/2011	Black	75%	25%	None Detected	

Client Sample ID: 10NH19 Lab Sample ID: 041130841-0019

Sample Description: HOUSE EXTERIOR/SIDING PAPER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/29/2011	Black	70%	30%	None Detected	

Client Sample ID: 10NH20-Skim Coat Lab Sample ID: 041130841-0020

Sample Description: WALLS/ CEILINGS/PLASTER/ SKIM

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/29/2011	White	0%	100%	None Detected	

Client Sample ID: 10NH20-Base Coat Lab Sample ID: 041130841-0020A

Sample Description: WALLS/ CEILINGS/PLASTER/ SKIM

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/29/2011	Gray	0%	100%	None Detected	

Client Sample ID: 10NH21-Skim Coat Lab Sample ID: 041130841-0021

Sample Description: WALLS/ CEILINGS/PLASTER/ SKIM

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/29/2011	White	0%	100%	None Detected	



Summary Test Report for Asbestos Analysis via EPA 600/R-93/116 and/or EPA 600/M4-82-020

Client Sample ID: 10NH21-Base Coat Lab Sample ID: 041130841-0021A
Sample Description: WALLS/ CEILINGS/PLASTER/ SKIM

Table with 7 columns: TEST, Analyzed Date, Color, Non-Asbestos Fibrous, Non-Asbestos Non-Fibrous, Asbestos, Comment. Row 1: PLM, 11/29/2011, Gray, 0%, 100%, None Detected.

Client Sample ID: 10NH22-Skim Coat Lab Sample ID: 041130841-0022
Sample Description: WALLS/ CEILINGS/PLASTER/ SKIM

Table with 7 columns: TEST, Analyzed Date, Color, Non-Asbestos Fibrous, Non-Asbestos Non-Fibrous, Asbestos, Comment. Row 1: PLM, 11/29/2011, White, 0%, 100%, None Detected.

Client Sample ID: 10NH22-Base Coat Lab Sample ID: 041130841-0022A
Sample Description: WALLS/ CEILINGS/PLASTER/ SKIM

Table with 7 columns: TEST, Analyzed Date, Color, Non-Asbestos Fibrous, Non-Asbestos Non-Fibrous, Asbestos, Comment. Row 1: PLM, 11/29/2011, Gray, 0%, 100%, None Detected.

Client Sample ID: 10NH23 Lab Sample ID: 041130841-0023
Sample Description: KITCHEN/COVE MOLDING

Table with 7 columns: TEST, Analyzed Date, Color, Non-Asbestos Fibrous, Non-Asbestos Non-Fibrous, Asbestos, Comment. Row 1: PLM, 11/29/2011, Tan, 0%, 100%, None Detected.

Client Sample ID: 10NH23-Mastic Lab Sample ID: 041130841-0023A
Sample Description: KITCHEN/MASTIC

Table with 7 columns: TEST, Analyzed Date, Color, Non-Asbestos Fibrous, Non-Asbestos Non-Fibrous, Asbestos, Comment. Row 1: PLM, 11/29/2011, Beige, 0%, 100%, None Detected.

Client Sample ID: 10NH24 Lab Sample ID: 041130841-0024
Sample Description: KITCHEN/COVE MOLDING

Table with 7 columns: TEST, Analyzed Date, Color, Non-Asbestos Fibrous, Non-Asbestos Non-Fibrous, Asbestos, Comment. Row 1: PLM, 11/29/2011, Tan, 0%, 100%, None Detected.

Client Sample ID: 10NH24-Mastic Lab Sample ID: 041130841-0024A
Sample Description: KITCHEN/MASTIC

Table with 7 columns: TEST, Analyzed Date, Color, Non-Asbestos Fibrous, Non-Asbestos Non-Fibrous, Asbestos, Comment. Row 1: PLM, 11/29/2011, Beige, 0%, 100%, None Detected.

Client Sample ID: 10NH25 Lab Sample ID: 041130841-0025
Sample Description: KITCHEN/COVE MOLDING

Table with 7 columns: TEST, Analyzed Date, Color, Non-Asbestos Fibrous, Non-Asbestos Non-Fibrous, Asbestos, Comment. Row 1: PLM, 11/29/2011, Tan, 0%, 100%, None Detected.

Client Sample ID: 10NH25-Mastic Lab Sample ID: 041130841-0025A
Sample Description: KITCHEN/MASTIC

Table with 7 columns: TEST, Analyzed Date, Color, Non-Asbestos Fibrous, Non-Asbestos Non-Fibrous, Asbestos, Comment. Row 1: PLM, 11/29/2011, Beige, 0%, 100%, None Detected.



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Attn: Peter Schuyler

KAS, Inc.

PO Box 787

368 Avenue D Suite 15

Williston, VT 05495

Proj: 10 N HENRY COURT, SOUTH BURLINGTON VT

Summary Test Report for Asbestos Analysis via EPA 600/R-93/116 and/or EPA 600/M4-82-020

Client Sample ID: 10NH26

Lab Sample ID: 041130841-0026

Sample Description: 2ND FLOOR/WALL BOARD PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/29/2011	Gray	10%	90%	None Detected	

Client Sample ID: 10NH27

Lab Sample ID: 041130841-0027

Sample Description: 2ND FLOOR/WALL BOARD PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/29/2011	Gray	10%	90%	None Detected	

Client Sample ID: 10NH28

Lab Sample ID: 041130841-0028

Sample Description: 2ND FLOOR/WALL BOARD PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/29/2011	Gray	10%	90%	None Detected	

PLM: CERT. PB091486, F.D.; CERT. PB042487, P.N.

PLM 400 Point Count: CERT. PB091486, F.D.

Initial report from: 11/29/2011 17:59:17

Analyst(s)

Frank Dicrescenzo	PLM	(29)
	400 PLM Pt Ct	(1)
Phong Nguyen	PLM	(15)

Stephen Siegel, CIH, Laboratory Manager
or other Approved Signatory

Any questions please contact Steve Siegel.

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. This test report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. EMSL bears no responsibility for sample collection activities or analytical method limitations. The laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. PLM alone is not consistently reliable in detecting asbestos in floor coverings and similar NOBs

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036

APPENDIX 3
SITE SKETCHS



368 Avenue D Suite 15
 WILLISTON, VERMONT 05495
 (802) 383-0486 Fax (802) 383-0490

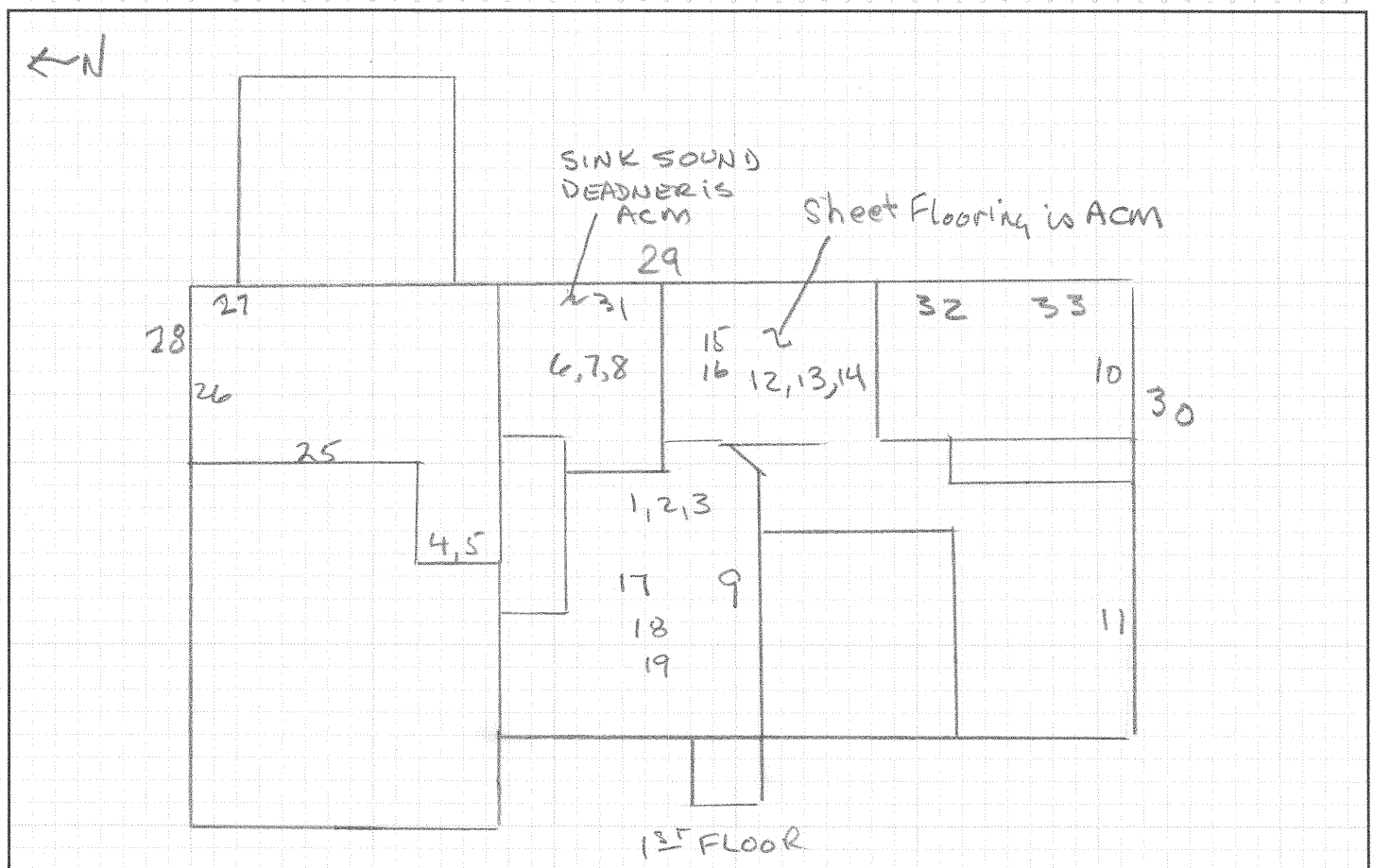
JOB 5 DELAWARE ST 509110229

SHEET NO. 1 OF 1

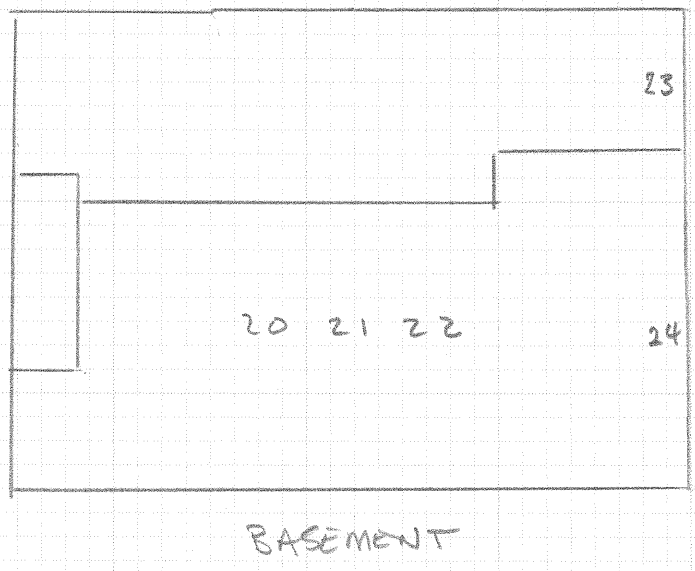
CALCULATED BY PS DATE 12/16/11

CHECKED BY _____ DATE _____

SCALE 1" = 10'



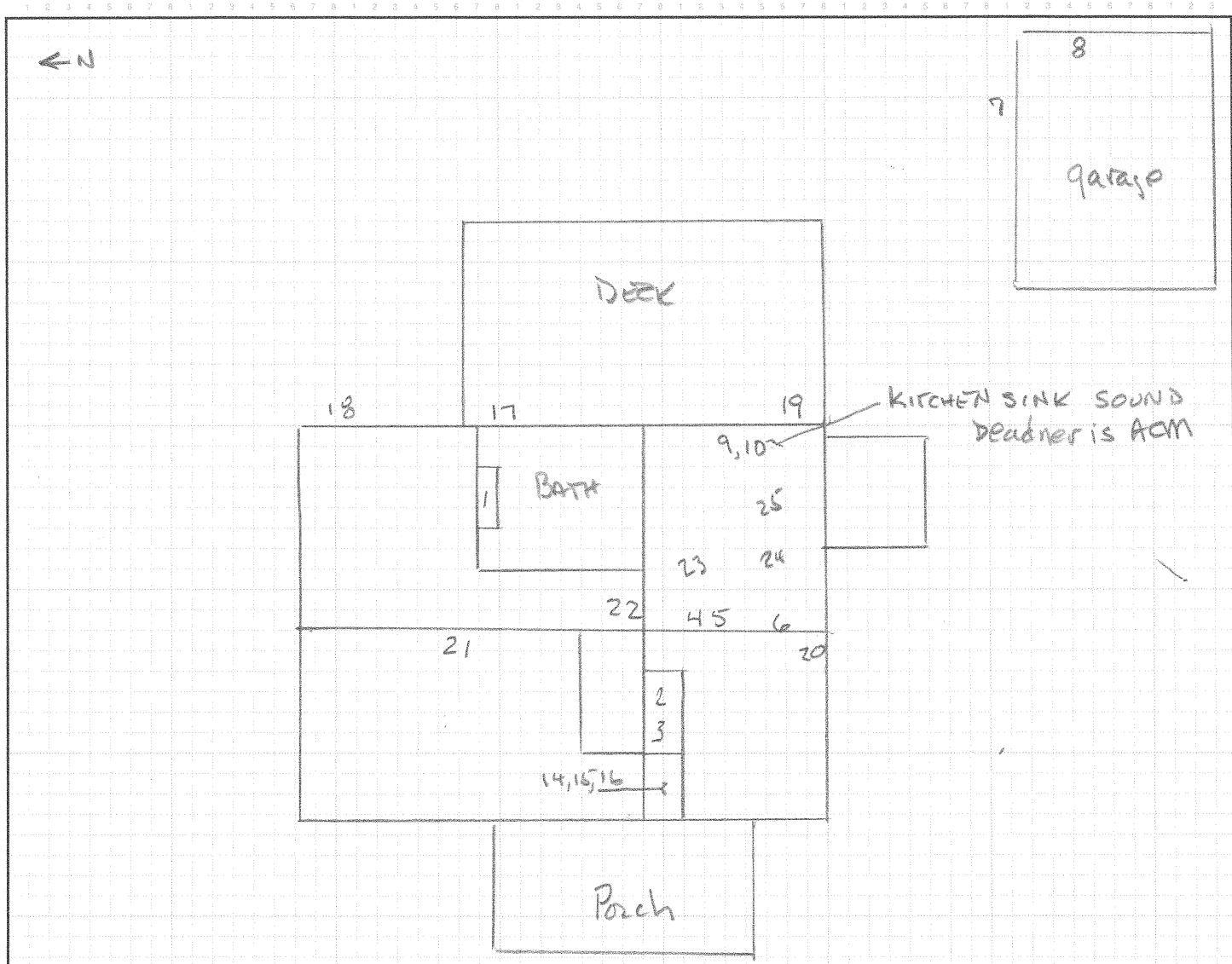
NOTES
 1, 1, 23, ... SAMPLE #,
 APPROX. LOCATION
 2, VERMICULITE INSULATION
 IN ATTIC - ACM





368 Avenue D Suite 15
 WILLISTON, VERMONT 05495
 (802) 383-0486 Fax (802) 383-0490

JOB 10 N. HENRY CT 509110229
 SHEET NO. 1 OF 2
 CALCULATED BY PS DATE 12/16/11
 CHECKED BY _____ DATE _____
 SCALE ~ 1" = 10'



NOTES:
 1. 1, 2, 3 ... SAMPLE # APPROXIMATE LOCATION

APPENDIX 4
EPA VERMICULITE GUIDANCE DOCUMENT

<http://www.epa.gov/asbestos/pubs/insulation.html>

Where can I get information on testing or removal of the insulation?

EPA and ATSDR strongly recommend using a trained and certified professional to conduct removal work. Removing the insulation yourself could potentially spread asbestos fibers throughout your home, putting you and your family at risk of inhaling these fibers.

For certified asbestos removal professionals in your area, refer to your local Yellow Pages. Your State Environmental Agency can confirm that the company's credentials are current. You can find your State Agency at: <http://www.epa.gov/epahome/whereyoulive.htm>.

Currently, there are specific technical issues involving vermiculite sampling that can complicate testing for the presence of asbestos fibers and interpreting the risk from exposure. EPA and ATSDR are not recommending at this time that homeowners have vermiculite attic insulation tested for asbestos. As testing techniques are refined, EPA and ATSDR will provide information to the public on the benefits of testing that produce more definitive and accurate test results.