

ASBESTOS INSPECTION REPORT
2 Delaware Street, 38 and 39 North Henry Court
South Burlington, VT 05403
AIP 84

December 16, 2011
Revised January 31, 2012

KAS PROJECT # 509110228

PREPARED FOR:

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



P.O. BOX 787
WILLISTON, VT 05495

TABLE OF CONTENTS

1. INSPECTION SUMMARY
2. INSPECTION METHODS
3. VERMONT REGULATIONS FOR ASBESTOS CONTROL (VRAC)
4. CERTIFICATION/ACCREDITATION
5. INSPECTION RESULTS
6. OBSERVATIONS AND RECOMMENDATIONS

TABLE 1 - INSPECTION RESULTS

- APPENDIX 1 - KAS, INC. LICENSES/ CERTIFICATIONS
- APPENDIX 2 - LABORATORY ANALYSES RESULTS
- APPENDIX 3 SITE SKETCH
- APPENDIX 4 EPA VERMICULITE GUIDANCE

1. INSPECTION SUMMARY

Three vacant single family homes located at 38 and 39 North Henry Court and 2 Delaware Street, South Burlington, Vermont were inspected for the presence of asbestos containing materials (ACMs) November 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 ACMs that exist in the buildings.

38 N. Henry Court – 13 different homogeneous suspect materials were identified and sampled in this house. 9"x9" floor tiles in the basement (3% Chrysotile asbestos, mastic non asbestos), 9"x9" floor tiles in the basement (2% Chrysotile asbestos, mastic non asbestos) and chimney patch in basement (15% Chrysotile asbestos) were determined to be ACM.

39 N. Henry Court – 18 different homogeneous suspect materials were identified and sampled in this house. Basement window glaze (20% Chrysotile asbestos), chimney flashing coating on the roof (10% Chrysotile asbestos), and roofing tar patch on new addition (10% Chrysotile asbestos) were determined to be ACM. Vermiculite attic insulation has been assumed ACM in accordance with the latest EPA guidance.

2 Delaware Street - 20 different homogeneous suspect materials were identified and sampled in this house. No ACMs were identified. Asbestos below regulatory limits (basement window glaze <1%) was identified. See Note 3 in Table 1.

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, when present, which has been assumed ACM 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: 38 and 39 N. Henry Court and 2 Delaware Street, South Burlington, VT

Inspection Dates: November 17, 2011

Buildings Inspected: Three 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: _____

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 highlighted in Table 1.

6. OBSERVATIONS AND RECOMMENDATIONS

Building Comments:

The houses inspected consisted of older houses that were vacant and were to be demolished. In general the houses were in good condition. The houses were wood frame with mostly finished basements. 2 Delaware Street was a one story house while 38 and 39 North Henry Court were two story houses. The basements were mostly finished. 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. All three houses had vinyl siding applied over older siding.

Recommendations:

Prior to demolition the identified asbestos containing materials need 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
38 and 39 NORTH HENRY COURT & 2 DELAWARE STREET, SOUTH BURLINGTON, VT

HA/SAMPLE # LOCATION	MATERIAL	ANALYTICAL RESULTS	QUANTITY/ CONDITION
38 NORTH HENRY CLOURT			
1/38NH1-3 kitchen flr	sheet flooring/ mastic	not ACM	
2/38NH4-6 1 st flr bath	sheet flooring	not ACM	
3/38NH7-9 kitchen wall	textured paint	not ACM	
4/38NH10-13 basement east room	9"x9" floor tile/ mastic	3% Chrysotile asbestos, mastic is not ACM	~30sqft/ significant
5/38NH14-15 basement utility room	9"x9" floor tile/ mastic	2% Chrysotile asbestos, mastic is not ACM	~5sqft/ good
6/38NH16-17 basement bath	sheet flooring	not ACM	
7/38NH18-19 kitchen	cove molding/ mastic	not ACM	
8/38NH20-22 walls/ ceilings	plaster/ sheet rock	not ACM	
9/38NH23-25 1 st flr	paper under hardwood floor	not ACM	
10/38NH26-30 exterior siding	"tar" paper	not ACM	
11/38NH31-33 garage & house roof	shingle	not ACM	
12/38NH34-36 garage roof	"tar" paper	not ACM	
13/38NH37-38 basement chimney opening	packing	15% Chrysotile asbestos	<0.5sqft/ good
39 NORTH HENRY COURT			
1/39NH1-3 kitchen	sheet flooring/ mastic	not ACM	
2/39NH4-6 original house walls/ ceilings	plaster	not ACM	
3/39NH7-9 addition	plaster	not ACM	

39 NORTH HENRY COURT - continued

4/39NH10-12	paper under hardwood	not ACM	
5/39NH13-14	flooring stairway	not ACM	
6/39NH15-16	packing basement chimney opening	not ACM	
7/39NH17-19	glaze basement windows	20% Chrysotile asbestos	<10Inft/ significant
8/39NH20-22	2'x4' ceiling tiles basement	not ACM	
9/39NH23-25	sheet rock/ joint compound basement walls	not ACM	
10/39NH26-27	glaze kitchen windows	not ACM	
12/39NH31-33	paper addition siding	not ACM	
13/39NH34-35	glaze garage windows	not ACM	
14/39NH36-38	roofing – layered house	not ACM r	
15/39NH40-42	“tar” roof chimney	10% Chrysotile asbestos	<1sqft/ damaged
16/39NH43-44	“tar” roof patch	10% Chrysotile asbestos	<1sqft/ damaged
17/39NH45-47	shingles/ roofing paper garage roof	not ACM	
18/39NH48-50	paper original house siding	not ACM	
attic	Vermiculite insulation	assumed ACM	~860sqft/ good

2 DELAWARE STREET

1/2D1-3	plaster original house walls/ ceilings	not ACM
2/2D4-6	plaster addition walls/ ceilings	not ACM
3/2D7-9	sheet flooring bathroom 1	not ACM

4/2D10-11 bathroom 2	sheet flooring/ mastic	not ACM
5/2D12-13 bathroom 1 tub	caulk	not ACM
6/2D14-15 bathroom 2/ shower	caulk	not ACM
7/2D16-18 living room	floor leveler	not ACM
8/2D19-21 kitchen – top layer	sheet flooring	not ACM
9/2D22-24 kitchen – bottom layer	sheet flooring/ mastic	not ACM
10/2D25-27 bedroom 1	flooring paper	not ACM
11/2D28-30 bedroom 1	12"x12" floor tile	not ACM
12/2D31-33 bedroom 2	12"x12" floor tile	not ACM
13/2D34-36 attic	blown in insulation	not ACM
14/2D37-39 garage roof	shingle layered	not ACM
15/2D40-42 garage	sheet rock	not ACM
16/2D43-45 basement	cove molding/ mastic	not ACM
17/2D46-48 basement north end	12"x12" flr tile/ mastic	not ACM
18/2D49-50 basement windows	glaze	<1% asbestos not ACM – see note 3
19/2D51-53 basement	sheet rock/ joint compound	not ACM
20/2D54-56 house roof	shingles layered	not ACM

Notes:

1. HA – homogeneous area, flr – floor, apt – apartment, 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 procedures must be followed.

APPENDIX 1

KAS LICENSES/ CERTIFICATIONS

ASBESTOS CONSULTING ENTITY

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

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

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.



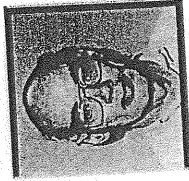
VERMONT DEPARTMENT OF HEALTH
Asbestos & Lead Regulatory Program

Asbestos Project Designer
Not a Legal Form of ID

PETER SCHUYLER

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

CONES
PD018118



Renewal

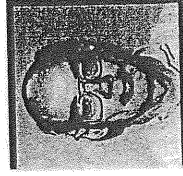
VERMONT DEPARTMENT OF HEALTH
Asbestos & Lead Regulatory Program

Asbestos Inspector/Management Planner
Not a Legal Form of ID

PETER SCHUYLER

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

CONES
MP014292



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

AI127703

VT



Renewal

APPENDIX 2
LABORATORY ANALYSIS REPORTS

041130859

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: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: PO Box 787 368 Avenue D, Suite 15		Third Party Billing requires written authorization from third party	
City/State/Zip: Williston, VT 05495			
Report To (Name): Peter Schuyler	Fax: 802-383-0490		
Telephone: 802-383-0486	Email Address: peters@kas-consulting.com		
Project Name/Number: 2 Delaware			
Please Provide Results: Email		Purchase Order: 509110228	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"/>
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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		

Client Sample # (s): -1 -56 Total # of Samples: 56

Relinquished (Client): [Signature] Date: 11-20-11 Time: 1055

Received (Lab): DMB-UPS Date: 11-22-11 Time: 930A

Comments/Special Instructions:

A56b

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

2 of 6

04/11/08 59

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

VERNON ROBERTS
SAMPLER: **PETER SCHWYLER** SIGNATURE: *[Signature]*

PROJECT NO: **509110228**

CLIENT: **Stantec Consulting Services, Inc.**

55 Green Mountain Drive

South Burlington, VT 05403

LOCATION:

2 DELAWARE STREET

SOUTH BURLINGTON, VT

SAMPLE TYPE: **Bulk** TURNAROUND TIME: **routine** PS 1WK

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
1	2D1	11/11	PLM	House walls/ceiling	Plaster	~800ft ²	none
1	2D2			↓	↓		
1	2D3			↓	↓		
2	2D4			ADD.IND-walls ceiling	Plaster	~300ft ²	none
2	2D5			↓	↓		
2	2D6			↓	↓		
3	2D7			Bathroom 1	sheet flooring	~30 ft ²	none
3	2D8			↓	↓		
3	2D9			↓	↓		
4	2D10			BATHROOM 2	sheet flooring / meatec	< 20 ft ²	none
4	2D11			↓	↓		
5	2D12			Tub Bathroom 1	CAULK	~6 ft ²	none

RELINQUISHED BY: *[Signature]* DATE/TIME: **11/20/11** RECEIVED BY: *[Signature]* DATE/TIME: **10/5/11**

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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EMSL ANALYTICAL INC.

0411 30859

3 of 6

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

PROJECT NO.: 509110228

SAMPLER: Jeremy Roberts SIGNATURE: [Signature]

CLIENT: Stantec Consulting Services, Inc.

LOCATION:

55 Green Mountain Drive

2 DERAWARE STREET

South Burlington, VT 05403

SOUTH BURLINGTON, VT

SAMPLE TYPE: Bulk TURNAROUND TIME: PS 1 Wt

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
5	2013	11/12	PLM	Bathroom 1 Bath Tub	Caulk	~6 1/2 ft	none
6	2014			Bathroom 2 Shower	Caulk	~6 1/2 ft	none
7	2016			Living Room	Floor leveler	UNK	UNK
7	2017						
7	2018						
8	2019			Kitchen	Top layer Sheet flooring	~50 ft ²	none
8	2020						
8	2021						
9	2022			Kitchen	Bottom layer	Sheet flooring / <u>moetic</u> ~100 ft ²	UNK
9	2023						
9	2024						

RELINQUISHED BY: [Signature] DATE/TIME: 11/20/11 RECEIVED BY: [Signature] DATE/TIME: 10/25/11

RELINQUISHED BY: [Signature] DATE/TIME: 11/20/11 RECEIVED BY: [Signature] DATE/TIME: 10/25/11

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

PROJECT NO.: 509110228

SAMPLER: JEREMY ROBERTS
SIGNATURE: JERRY SCHUYLER

CLIENT: Stantec Consulting Services, Inc.

LOCATION:

55 Green Mountain Drive

2 DELAWARE STREET

South Burlington, VT 05403

SOUTH BURLINGTON, VT

SAMPLE TYPE: Bulk TURNAROUND TIME: 95 routine 1wk

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
✓ 10	2D25	11/11"	PLM	Bedroom 1	Flooring Paper	~ 800	none
✓ 10	2D26			↓	↓		
✓ 10	2D27			↓	↓		
✓ 11	2D28			Bedroom 1	12 x 12 FT	~ 1000	none
✓ 11	2D29			↓	↓		
✓ 11	2D30			↓	↓		
✓ 12	2D31			Bedroom 2	12 x 12 FT	~ 1000	none
✓ 12	2D32			↓	↓		
✓ 12	2D33			↓	↓		
✓ 13	2D34			ATTIC	Blown in insulation	~ 1650	none
✓ 13	2D35			↓	↓		
✓ 13	2D36			↓	↓		

RELINQUISHED BY: [Signature] DATE/TIME: 1055 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

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

PROJECT NO.: 509110228

SAMPLER: JEREMY ROBERTS
SIGNATURE: PETER SCHUYLER

CLIENT: Stantec Consulting Services, Inc.

LOCATION:

55 Green Mountain Drive

2 DELAWARE STREET
SOUTH BURLINGTON, VT

South Burlington, VT 05403

SAMPLE TYPE: Bulk TURNAROUND TIME: 1 wk

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
✓	14	2037	1/4 PLM	GARAGE ROOF	Asphalt z/eyer	~500#	none
	14	2038		↓			
	14	2039		↓			
	15	2040		Garage	Shedrock noJC	~1000#	none
	15	2041		↓			
	15	2042		↓			
✓	16	2043		Basement Room	Cove Molding Meotic	~20 InH	none
	16	2044		↓			
	16	2045		↓			
✓	17	2046		Basement N end	12x12 FR Meotic white	~625#	minor
	17	2047		↓			
	17	2048		↓			

RELINQUISHED BY: [Signature] DATE/TIME: 11/20/14 RECEIVED BY: [Signature] DATE/TIME: 10/5/14

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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6 of 6

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

PROJECT NO.: ^{PS} 509110228

SAMPLER: POPPER SCHUYLER SIGNATURE: [Signature]

CLIENT: Stantec Consulting Services, Inc. LOCATION: 2 DELAWARE STREET
55 Green Mountain Drive
South Burlington, VT 05403

SAMPLE TYPE: Bulk TURNAROUND TIME: routine PS 1 wk

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
	18 2D49	11/14	PLM	BASEMENT WINDOWS	GLAZE	~30lnft	significant
	18 2D50			↓			
	19 2D51			Basement	shot Rock JC	~1100 #	minor
	19 2D52			↓			
	19 2D53			↓			
	20 2D54			House Roof	Asphalt 2 layer	~1500 #	none
	20 2D55			↓			
	20 2D56			↓			

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EMGL
BIRMINGHAM, N.J.
2011 NOV 22 P 12:10

RELINQUISHED BY: [Signature] DATE/TIME: 11/20/11 RECEIVED BY: _____ DATE/TIME: _____
RELINQUISHED BY: _____ DATE/TIME: 12/5/11 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

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: 509110228
Received: 11/22/11 9:30 AM
EMSL Order: 041130859

Fax: (802) 383-0490 Phone: (802) 383-0486
Project: 2 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 2D1 through 2D4 with details on material type and analysis results.

Initial report from 11/30/2011 06:48:32

Analyst(s)

Christine Hatter (28)
Naadira Carter (55)

Handwritten signature of Stephen Siegel

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

EMSL maintains liability limited to the 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.

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: cinnasbiab@EMSL.com

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

Customer ID: KASI62
Customer PO: 509110228
Received: 11/22/11 9:30 AM
EMSL Order: 041130859

Fax: (802) 383-0490 Phone: (802) 383-0486
Project: 2 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 2D5 through 2D9-Mastic.

Initial report from 11/30/2011 06:48:32

Analyst(s)

Christine Hatter (28)
Naadira Carter (55)

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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



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Customer PO: 509110228
Received: 11/22/11 9:30 AM
EMSL Order: 041130859

Fax: (802) 383-0490 Phone: (802) 383-0486
Project: 2 DELAWARE

EMSL Proj:
Analysis Date: 11/29/2011

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Table with 7 columns: Sample, Description, Appearance, % Fibrous, % Non-Fibrous, Asbestos % Type. Rows include samples like 2D10-FLOORING, 2D10-MASTIC, 2D11-FLOORING, 2D11-MASTIC, 2D12, and 2D13.

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2D14 <i>041130859-0014</i>	BATHROOM 2 SHOWER - CAULK	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
2D15 <i>041130859-0015</i>	BATHROOM 2 SHOWER - CAULK	Cream Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2D16 <i>041130859-0016</i>	LIVING ROOM - FLOOR LEVELER	Gray Fibrous Heterogeneous	15% Cellulose	85% Non-fibrous (other)	None Detected
2D17 <i>041130859-0017</i>	LIVING ROOM - FLOOR LEVELER	Gray Fibrous Heterogeneous	15% Cellulose	85% Non-fibrous (other)	None Detected
2D18 <i>041130859-0018</i>	LIVING ROOM - FLOOR LEVELER	Gray Fibrous Heterogeneous	45% Cellulose	55% Non-fibrous (other)	None Detected
RECOMMEND TEM					
2D19 <i>041130859-0019</i>	KITCHEN TOP LAYER - SHEET FLOORING	Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

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Table with 7 columns: Sample, Description, Appearance, % Fibrous, % Non-Fibrous, Asbestos % Type. Rows include samples 2D20, 2D21, 2D22-FLOORING, 2D22-MASTIC, 2D23-FLOORING, and 2D23-MASTIC.

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Sample	Description	Appearance	Non-Asbestos			Asbestos
			%	Fibrous	% Non-Fibrous	% Type
2D24-FLOORING <i>041130859-0024</i>	KITCHEN BOTTOM LAYER - SHEET FLOORING	Gray	10%	Glass	70% Non-fibrous (other)	None Detected
		Fibrous	5%	Synthetic		
		Heterogeneous	15%	Cellulose		
2D24-MASTIC <i>041130859-0024A</i>	KITCHEN BOTTOM LAYER - MASTIC	White Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
2D25 <i>041130859-0025</i>	BEDROOM 1 - FLOORING PAPER	Orange Fibrous Heterogeneous	95%	Cellulose	5% Non-fibrous (other)	None Detected
2D26 <i>041130859-0026</i>	BEDROOM 1 - FLOORING PAPER	Orange Fibrous Heterogeneous	95%	Cellulose	5% Non-fibrous (other)	None Detected
2D27 <i>041130859-0027</i>	BEDROOM 1 - FLOORING PAPER	Tan/Orange Fibrous Heterogeneous	85%	Cellulose	15% Non-fibrous (other)	None Detected
2D28 <i>041130859-0028</i>	BEDROOM 1 - 12X12 FLOOR TILE	Brown Non-Fibrous Heterogeneous			100% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2D29 <i>041130859-0029</i>	BEDROOM 1 - 12X12 FLOOR TILE	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
2D30 <i>041130859-0030</i>	BEDROOM 1 - 12X12 FLOOR TILE	Tan/Beige Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2D31 <i>041130859-0031</i>	BEDROOM 2 - 12X12 FLOOR TILE	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
2D32 <i>041130859-0032</i>	BEDROOM 2 - 12X12 FLOOR TILE	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
2D33 <i>041130859-0033</i>	BEDROOM 2 - 12X12 FLOOR TILE	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2D34 <i>041130859-0034</i>	ATTIC - BLOWN- IN INSULATION	Brown Fibrous Heterogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2D35 <i>041130859-0035</i>	ATTIC - BLOWN-IN INSULATION	Brown Fibrous Heterogeneous	90% Min. Wool	10% Non-fibrous (other)	None Detected
2D36 <i>041130859-0036</i>	ATTIC - BLOWN-IN INSULATION	Brown Fibrous Heterogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
2D37-Shingle <i>041130859-0037</i>	GARAGE ROOF - ASPHALT (2 LAYER)	Brown/Black Fibrous Heterogeneous	15% Glass	85% Non-fibrous (other)	None Detected
2D37-Felt <i>041130859-0037A</i>	GARAGE ROOF - ASPHALT (2 LAYER)	Black Fibrous Heterogeneous	85% Cellulose	15% Non-fibrous (other)	None Detected
2D38-Shingle <i>041130859-0038</i>	GARAGE ROOF - ASPHALT (2 LAYER)	Black Fibrous Heterogeneous	15% Glass	85% Non-fibrous (other)	None Detected
2D38-Felt <i>041130859-0038A</i>	GARAGE ROOF - ASPHALT (2 LAYER)	Black Fibrous Heterogeneous	85% Cellulose	15% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2D39-Shingle <small>041130859-0039</small>	GARAGE ROOF - ASPHALT (2 LAYER)	Brown/Black Fibrous Heterogeneous	15%	Glass	85% Non-fibrous (other) None Detected
2D39-Felt <small>041130859-0039A</small>	GARAGE ROOF - ASPHALT (2 LAYER)	Brown/Black Fibrous Heterogeneous	75%	Cellulose	25% Non-fibrous (other) None Detected
2D40 <small>041130859-0040</small>	GARAGE - SHEETROCK	White Fibrous Heterogeneous	12%	Cellulose	88% Non-fibrous (other) None Detected
2D41 <small>041130859-0041</small>	GARAGE - SHEETROCK	Tan Fibrous Heterogeneous	12%	Cellulose	88% Non-fibrous (other) None Detected
2D42 <small>041130859-0042</small>	GARAGE - SHEETROCK	Tan Fibrous Heterogeneous	5% 10%	Glass Cellulose	85% Non-fibrous (other) None Detected
2D43-COVE MOLDING <small>041130859-0043</small>	BASEMENT ROOMS - COVE MOLDING	Black Non-Fibrous Heterogeneous			100% Non-fibrous (other) None Detected

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			% Fibrous	% Non-Fibrous	% Type
2D46-MASTIC <i>041130859-0046A</i>	BASEMENT N END - MASTIC	Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
2D46-Floor Tile (white) <i>041130859-0046B</i>	BASEMENT N END - MASTIC	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
2D46-Mastic <i>041130859-0046C</i>	BASEMENT N END - MASTIC	Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
2D47-2D46- FLOOR TILE(black) <i>041130859-0047</i>	BASEMENT N END - 12X12 FLOOR TILE BLACK/WHITE	Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
2D47-MASTIC <i>041130859-0047A</i>	BASEMENT N END - MASTIC	Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
2D47-Floor Tile(white) <i>041130859-0047B</i>	BASEMENT N END - MASTIC	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

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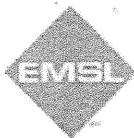
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			% Fibrous	% Non-Fibrous	% Type
2D51-JOINT COMPOUND <i>041130859-0051A</i>	BASEMENT - JOINT COMPOUND	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
2D52-SHEETROCK <i>041130859-0052</i>	BASEMENT - SHEETROCK	Gray Fibrous Heterogeneous	30% Cellulose 5% Glass	65% Non-fibrous (other)	None Detected
2D52-JOINT COMPOUND <i>041130859-0052A</i>	BASEMENT - JOINT COMPOUND				Insufficient Material
2D53-SHEETROCK <i>041130859-0053</i>	BASEMENT - SHEETROCK	Gray Fibrous Heterogeneous	15% Cellulose 10% Glass	75% Non-fibrous (other)	None Detected
2D53-JOINT COMPOUND <i>041130859-0053A</i>	BASEMENT - JOINT COMPOUND	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2D54-Shingle 1 <i>041130859-0054</i>	HOUSE ROOF - ASPHALT (2 LAYER)	White/Black Fibrous Heterogeneous	15% Glass	85% Non-fibrous (other)	None Detected

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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: cinnaslab@EMSL.com

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

Customer ID: KASI62
Customer PO: 509110228
Received: 11/22/11 9:30 AM
EMSL Order: 041130859

Fax: (802) 383-0490 Phone: (802) 383-0486
Project: 2 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
2D54-Shingle 2 <i>041130859-0054A</i>	HOUSE ROOF - ASPHALT (2 LAYER)	Black Fibrous Heterogeneous	15%	Glass	85% Non-fibrous (other) None Detected
2D54-Backing <i>041130859-0054B</i>	HOUSE ROOF - ASPHALT (2 LAYER)	Black Non-Fibrous Heterogeneous			100% Non-fibrous (other) None Detected
2D55-Shingle 1 <i>041130859-0055</i>	HOUSE ROOF - ASPHALT (2 LAYER)	Red/Black Fibrous Heterogeneous	15%	Glass	85% Non-fibrous (other) None Detected
2D55-Shingle 2 <i>041130859-0055A</i>	HOUSE ROOF - ASPHALT (2 LAYER)	Black Fibrous Heterogeneous	15%	Glass	85% Non-fibrous (other) None Detected
2D56-Shingle-1 <i>041130859-0056</i>	HOUSE ROOF - ASPHALT (2 LAYER)	Brown/Red Fibrous Heterogeneous	15%	Glass	85% Non-fibrous (other) None Detected
2D56-Shingle-2 <i>041130859-0056A</i>	HOUSE ROOF - ASPHALT (2 LAYER)	Brown/Black Fibrous Heterogeneous	10%	Glass	90% Non-fibrous (other) None Detected

Certification #PB121287 (CH) & #PB122184 (NC)

Initial report from 11/30/2011 06:48:32

Analyst(s)

Christine Hatter (28)
Naadira Carter (55)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

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Asbestos Lab Services Chain of Custody

EMSL Order Number (Lab Use Only):

041130836

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: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments** Third Party Billing requires written authorization from third party	
Street: PO Box 787 368 Avenue D, Suite 15			
City/State/Zip: Williston, VT 05495			
Report To (Name): Peter Schuyler		Fax: 802-383-0490	
Telephone: 802-383-0486		Email Address: peters@kas-consulting.com	
Project Name/Number: 38 N Henry			
Please Provide Results: Email		Purchase Order: 509110228	
		State Samples Taken: VT	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> 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"/>	
<input checked="" type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		Filter Pore Size (Air Samples): <input type="checkbox"/> 0.8µm <input type="checkbox"/> 0.45µm	
Samplers Name: PETER SCHUYLER		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
	SEE ATTACHED		2011 NOV 22 P 12:16 CINNAMINSON, NJ
Client Sample # (s): -1 - -38		Total # of Samples: 38	
Relinquished (Client):		Date: 11-20-11	Time: 1145
Received (Lab): DMB-UPS		Date: 11-22-11	Time: 930A
Comments/Special Instructions:			

SAMPLES ACCEPTED FOR ANALYSIS BY EMSL ANALYTICAL INC.

RECEIVED

* d/c
 38 samples
 STM
 11/22/11

2 of 5

041130836

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

PROJECT NO.: 509110228

SAMPLER: JEREMY ROBERTS

SIGNATURE:

CLIENT: Stantec Consulting Services, Inc.

LOCATION:

55 Green Mountain Drive

38 N. Henry Court
South Burlington, VT

SAMPLE TYPE: Bulk

TURNAROUND TIME: routine

PS 1 wk

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
1	38NH1	11/17/11	PLM	Kitchen Floor	sheet flooring / Mastic	~70 lb	none
1	38NH2				↓		
1	38NH3				↓		
2	38NH4			1st Flr Bath	Sheet Flooring	~60 lb	none
2	38NH5				↓		
2	38NH6				↓		
3	38NH7			Kitchen wall	textured paint	~10 lb	none
3	38NH8				↓		
3	38NH9				↓		
4	38NH10			Basement E. Room	9x9 FT / Mastic Tan/Brown	~30 lb	significant
4	38NH11				↓		
4	38NH12				↓		

RELINQUISHED BY: 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

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2011 NOV 22 P 12:16

SAMPLES ACCEPTED
FOR ANALYSIS BY
EMSL ANALYTICAL INC

041130836

3/5

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

PROJECT NO.: 509110228

SAMPLER: JEREMY ROBERTS
SIGNATURE: 

CLIENT: Stantec Consulting Services, Inc.

55 Green Mountain Drive

LOCATION:

38 W. HENRY COURT
SOUTH BURLINGTON, VT

SAMPLE TYPE: Bulk TURNAROUND TIME: 95 routine 1 WIK

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
4	38NH13	11/17	PLM	Basement E. Room	9x9 FT / mastic		
5	38NH14			Basement	9x9 FT / mastic	~500	none
6	38NH16			Basement Bath	Sheet Flooring	~200	none
7	38NH18			Kitchen	Cove Molding / Mastic	~6 ln ft	none
8	38NH20			walls ceiling	Plaster / SR	~1400 sq	none
9	38NH23	11/11		1st FLR Floors	Flooring Paper	~800 sq	none

RELINQUISHED BY:  DATE/TIME: 11/20/14 RECEIVED BY: DATE/TIME: 11/15

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

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

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2011 NOV 22 P 12:16

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FOR ANALYSIS BY
ANALYTICAL INC.

041130836

495

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

PROJECT NO.: 509110228

SAMPLER: SEYMOUR ROBERTS
SIGNATURE: PETER SCHUYLER

CLIENT: Stantec Consulting Services, Inc.

55 Green Mountain Drive

LOCATION:

38 N. HENRY COURT
SOUTH BURLINGTON, VT

SAMPLE TYPE:	Bulk	TURNAROUND TIME:	routine	PS	1WK		
HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
	9	38NH25	PLM	1st FLOOR	Flooring Paper	~800 sq	none
	10	38NH26		EXTERIOR SIDING	"Tar" Paper	~3000 sq	none
	10	38NH27					
	10	38NH28					
	10	38NH29					
	10	38NH30					
	11	38NH31		Garage Roof	Shingle	~1800 sq	none
	11	38NH32		House Roof			
	11	38NH33		House Roof			
	12	38NH34		Garage Roof	"Ten" Paper	~600 sq	none
	12	38NH35					
	12	38NH36					

RECEIVED BY: [Signature] DATE/TIME: 11/20/14

RECEIVED BY: [Signature] DATE/TIME: 11/20/14

RECEIVED BY: [Signature] DATE/TIME: 11/20/14

RECEIVED BY: [Signature] DATE/TIME: 11/20/14

RECEIVED BY: [Signature] DATE/TIME: 11/20/14

RECEIVED BY: [Signature] DATE/TIME: 11/20/14

- 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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2011 NOV 22 P 12:16

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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: 509110228
Received: 11/22/11 3:37 PM
EMSL Order: 041130836

Fax: (802) 383-0490 Phone: (802) 383-0486
Project: **38 N. HENRY COURT, SOUTH BURLINGTON, VT**

EMSL Proj:
Analysis Date: 11/23/2011

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 % Type
			% Fibrous	% Non-Fibrous	
38NH-1 041130836-0001	KITCHEN FLOOR - SHEET FLOOR	Cream Fibrous Heterogeneous	20% Cellulose 10% Glass	70% Non-fibrous (other)	None Detected
38NH-1-Mastic 041130836-0001A	KITCHEN FLOOR - MASTIC	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
38NH-2 041130836-0002	KITCHEN FLOOR - SHEET FLOOR	Cream Fibrous Heterogeneous	20% Cellulose 10% Glass	70% Non-fibrous (other)	None Detected
38NH-2-Mastic 041130836-0002A	KITCHEN FLOOR - MASTIC	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
38NH-3 041130836-0003	KITCHEN FLOOR - SHEET FLOOR	Cream Fibrous Heterogeneous	20% Cellulose 5% Glass	75% Non-fibrous (other)	None Detected
38NH-3-Mastic 041130836-0003A	KITCHEN FLOOR - MASTIC	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

Initial report from 11/23/2011 06:49:25

Analyst(s)

Chris Little (3)
Will DiBella (41)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

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Williston, VT 05495

Customer ID: KAS162
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Received: 11/22/11 3:37 PM
EMSL Order: 041130836

Fax: (802) 383-0490 Phone: (802) 383-0486
Project: **38 N. HENRY COURT, SOUTH BURLINGTON, VT**

EMSL Proj:
Analysis Date: 11/23/2011

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
38NH-4 <i>041130836-0004</i>	1ST FLOOR BATH - SHEET FLOORING	White/Cream Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
38NH-5 <i>041130836-0005</i>	1ST FLOOR BATH - SHEET FLOORING	White/Cream Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
38NH-6 <i>041130836-0006</i>	1ST FLOOR BATH - SHEET FLOORING	White/Cream Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
38NH-7 <i>041130836-0007</i>	KITCHEN WALL - TEXTURED PAINT	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
38NH-8 <i>041130836-0008</i>	KITCHEN WALL - TEXTURED PAINT	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
38NH-9 <i>041130836-0009</i>	KITCHEN WALL - TEXTURED PAINT	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

Initial report from 11/23/2011 06:49:25

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Fax: (802) 383-0490 Phone: (802) 383-0486
Project: 38 N. HENRY COURT, SOUTH BURLINGTON, VT

EMSL Proj:
Analysis Date: 11/23/2011

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. Contains 13 rows of sample data including locations like BASEMENT E. ROOM - 9 X 9 FT TAN/ BROWN.

Initial report from 11/23/2011 06:49:25

Analyst(s)

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Will DiBella (41)

Handwritten signature of Stephen Siegel

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

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Analysis Date: 11/23/2011

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
38NH-13-Mastic 041130836-0013A	BASEMENT E. ROOM - MASTIC	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
38NH-14 041130836-0014	BASEMENT - 9 X 9 FT	Various Non-Fibrous Heterogeneous		98% Non-fibrous (other)	2% Chrysotile
38NH-14-Mastic 041130836-0014A	BASEMENT - MASTIC	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
38NH-15 041130836-0015	BASEMENT - 9 X 9 FT				Stop Positive (Not Analyzed)
38NH-15-Mastic 041130836-0015A	BASEMENT - MASTIC	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
38NH-16 041130836-0016	BASEMENT BATH - SHEET FLOORING	Cream Non-Fibrous Heterogeneous	10% Cellulose 5% Glass	85% Non-fibrous (other)	None Detected

Initial report from 11/23/2011 06:49:25

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
38NH-17 <i>041130836-0017</i>	BASEMENT BATH - SHEET FLOORING	Cream Fibrous Heterogeneous	10% Cellulose 5% Glass	85% Non-fibrous (other)	None Detected
38NH-18 <i>041130836-0018</i>	KITCHEN - COVE MOLDING	Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
38NH-18-Mastic <i>041130836-0018A</i>	KITCHEN - MASTIC	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
38NH-19 <i>041130836-0019</i>	KITCHEN - COVE MOLDING	Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
38NH-19-Mastic <i>041130836-0019A</i>	KITCHEN - MASTIC	Brown/White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
38NH-20 <i>041130836-0020</i>	WALLS CEILING - PLASTER/ SHEETROCK	Brown/Gray Non-Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected

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Analysis Date: 11/23/2011

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 38NH-21 through 38NH-26 with details on walls, ceilings, floors, and exterior siding.

Initial report from 11/23/2011 06:49:25

Analyst(s)
Chris Little (3)
Will DiBella (41)

Handwritten signature of Stephen Siegel

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: cinnaslab@EMSL.com

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

Customer ID: KASI62
Customer PO: 509110228
Received: 11/22/11 3:37 PM
EMSL Order: 041130836

Fax: (802) 383-0490 Phone: (802) 383-0486
Project: 38 N. HENRY COURT, SOUTH BURLINGTON, VT

EMSL Proj:
Analysis Date: 11/23/2011

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 38NH-27 through 38NH-32 with details on material type and analysis results.

Initial report from 11/23/2011 06:49:25

Analyst(s)

Chris Little (3)
Will DiBella (41)

Signature of Stephen Siegel

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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
38NH-33 041130836-0033	HOUSE ROOF - SHINGLE	White/Black Fibrous Heterogeneous	25% Cellulose	75% Non-fibrous (other)	None Detected
38NH-34 041130836-0034	GARAGAE ROOF - "TAR" PAPER	Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
38NH-35 041130836-0035	GARAGAE ROOF - "TAR" PAPER	Black Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
38NH-36 041130836-0036	GARAGAE ROOF - "TAR" PAPER	Black Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
38NH-37 041130836-0037	CHIMNEY - PATCH	Black Non-Fibrous Heterogeneous		85% Non-fibrous (other)	15% Chrysotile
38NH-38 041130836-0038	CHIMNEY - PATCH				Stop Positive (Not Analyzed)

Cert.# PB018361 (Will DiBella) & PB278780 (Chris Little)

Initial report from 11/23/2011 06:49:25

Analyst(s)

Chris Little (3)
Will DiBella (41)

Stephen Siegel, CIH, Laboratory Manager
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041130844

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: 39 N Henry
Please Provide Results: Email Purchase Order: 509110228 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 - 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)

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

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 12:13

Client Sample # (s): 1 to 27 - 31 to 50 Total # of Samples: 47
 Relinquished (Client): [Signature] Date: 11-20-11 Time: 12:00
 Received (Lab): [Signature] Date: 11-22-11 Time: 9:30A

Comments/Special Instructions:

SAMPLES ACCEPTED FOR ANALYSIS BY EMSL ANALYTICAL INC. RECEIVED

46 samples
 *
 5/20
 11/22/11

041130844

595

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

PROJECT NO.: 509110228

SAMPLER: JEREMY ROBERTS
PETER SCHUYLER

SIGNATURE: 

CLIENT: Stantec Consulting Services, Inc.
55 Green Mountain Drive
South Burlington, VT 05403


LOCATION: 39 NORTH HENRY COURT
SOUTH BURLINGTON, VT


SAMPLE TYPE: Bulk TURNAROUND TIME: routine 1 wk

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
15	39NH40	11/14	PLM	Chimney (Roof)	TAR	<1#	minor
15	39NH41				↓		
15	39NH42				↓		
16	39NH43			Roof Patch	TAR	<1#	damaged
16	39NH44				↓		
17	39NH45			GARAGE ROOF	Asphalt + paper	~400 #	none
17	39NH46				↓		
17	39NH47				↓		
18	39NH48			House Siding	paper	~1100 #	none
18	39NH49				↓		
18	39NH50				↓		

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EMSL
CINNAMINSON, N.J.
2011 NOV 22 P 12:13

RECEIVED
EMSL
CINNAMINSON, N.J.
2011 NOV 22 P 12:13

RELINQUISHED BY:  DATE/TIME: 11/20/11 RECEIVED BY: DATE/TIME: 11/20/11

- RELINQUISHED BY:  DATE/TIME: 11/20/11 RECEIVED BY: DATE/TIME: 11/20/11
- COMMENTS:
- 1) Analyze each homogeneous group to first positive only
 - 2) PLM EPA 600-93/16, EPA 400 Point count all <10% asbestos
 - 3) Vermont samples
 - 4) HA - homogeneous area

04/11/30844

265

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

Jeremy Roberts
JEREMY ROBERTS

PROJECT NO.: 509110228

SAMPLER: PETER SCHUYLER SIGNATURE: *Peter Schuyler*

CLIENT: Stantec Consulting Services, Inc.

LOCATION:

55 Green Mountain Drive

39 NORTH HENRY COURT
SOUTH BURLINGTON, VT

South Burlington, VT 05403

SAMPLE TYPE: Bulk TURNAROUND TIME: PS 1wk

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
1	39NH41	11/17/11	PLM	Kitchen	SHEET FLOORING	Moist ~ 100 lb	None
1	39NH42				↓		
1	39NH43				↓		
2	39NH44			Walls Coring old House	Plaster	~ 1450 lb	None
2	39NH45				↓		
2	39NH46				↓		
3	39NH47			Addition Walls	Plaster	~ 500 lb	None
3	39NH48				↓		
3	39NH49				↓		
4	39NH410			Floor	Paper	~ 650 lb	None
4	39NH411				↓		
4	39NH412				↓		

RELINQUISHED BY: *PS* DATE/TIME: 11/20/11 RECEIVED BY: DATE/TIME: 2011 NOV 22 P 12:13

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

- COMMENTS:
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 - 2) PLM EPA 600-93/16, EPA 400 Point count all <10% asbestos
 - 3) Vermont samples
 - 4) HA - homogeneous area

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CINNAMINSON, N.J.

SAMPLES ACCEPTED
FOR ANALYSIS BY
EMSL ANALYTICAL INC.

041130844

365

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

Jeremy Roberts
JEREMY ROBERTS
SAMPLER: PETER SETHU LERIC SIGNATURE: *[Signature]*

PROJECT NO.: 509110228

CLIENT: Stantec Consulting Services, Inc.

55 Green Mountain Drive

South Burlington, VT 05403

LOCATION:

39 North Henry Court
South Burlington, VT

SAMPLE TYPE: Bulk TURNAROUND TIME: ^{PS} 1wk _{runtime}

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
	5	39NH13	PLM	Stair way	Flooring	~3 lb	damaged
	5	39NH14		↓			
	6	39NH15		Basement Chimney	Packing	<.1 lb	good
	6	39NH16		↓			
	7	39NH17		Basement Windows	glaze	< 10inft	significant
	7	39NH18		↓			
	7	39NH19		↓			
	8	39NH20		Basement	2x4 Ceiling tiles	~600 lb	none
	8	39NH21		↓			
	8	39NH22		↓			
	9	39NH23		Basement Vallys	SP/JC	~400 lb	none
	9	39NH24		↓			

RELINQUISHED BY: *[Signature]* DATE/TIME: 11/20/11 RECEIVED BY: DATE/TIME: 12/02

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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EMGL
WINNAMINSON, N.J.
2011 NOV 22 P 12:13

SAMPLES ACCEPTED
FOR ANALYSIS BY
EMGL ANALYTICAL INC.

041130844

485

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

PROJECT NO: 509110228

SAMPLER: JEREMY ROBERTS
PETER SCITOUYER SIGNATURE

CLIENT: Stantec Consulting Services, Inc.
55 Green Mountain Drive
South Burlington, VT 05403

LOCATION: 39 North Henry Court
SOUTH BURLINGTON, VT

SAMPLE TYPE:	Bulk	TURNAROUND TIME:	readtime	PS	1WK		
HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
9	39NH25	11/14	PLM	Basement walls	SRJC	~400 lb	none
10	39NH26	↓	↓	Kitchen window	glaze	~411 lb	good
10	39NH27	↓	↓	↓	↓	↓	↓
11	There is no HA 11 -						
12	39NH31	11/14	PLM	Addition Siding	Paper	~800 lb	good
12	39NH32	↓	↓	↓	↓	↓	↓
12	39NH33	↓	↓	↓	↓	↓	↓
13	39NH34	↓	↓	GARAGE WINDOWS	glaze	<10 lb	damaged
13	39NH35	↓	↓	↓	↓	↓	↓
14	39NH36	↓	↓	Main Roof	Asphalt layered	~1400 lb	minor
14	39NH37	↓	↓	↓	↓	↓	↓
14	39NH38	↓	↓	↓	↓	↓	↓

RELINQUISHED BY: [Signature] DATE/TIME: 11/22/11 RECEIVED BY: DATE/TIME: 12/02

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 ENGL CINNAMINSON, N.J. 2011 NOV 22 P 12:13

SAMPLES ACCEPTED FOR ANALYSIS BY TEMSL ANALYTICAL INC.



EMSL Analytical, Inc.

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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: 509110228
Received: 11/22/11 9:30 AM
EMSL Order: 041130844

Fax: (802) 383-0490 Phone: (802) 383-0486
Project: **39 N HENRY**

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
39NH1-FLOORING <i>041130844-0001</i>	KITCHEN - SHEET FLOORING	Gray	15% Cellulose	80% Non-fibrous (other)	None Detected
		Fibrous Heterogeneous	5% Glass		
39NH1-MASTIC <i>041130844-0001A</i>	KITCHEN - MASTIC	Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
39NH2-FLOORING <i>041130844-0002</i>	KITCHEN - SHEET FLOORING	Gray	15% Cellulose	80% Non-fibrous (other)	None Detected
		Fibrous Heterogeneous	5% Glass		
39NH2-MASTIC <i>041130844-0002A</i>	KITCHEN - MASTIC	Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
39NH3-FLOORING <i>041130844-0003</i>	KITCHEN - SHEET FLOORING	Gray	10% Cellulose	80% Non-fibrous (other)	None Detected
		Fibrous Heterogeneous	10% Glass		
39NH3-MASTIC <i>041130844-0003A</i>	KITCHEN - MASTIC	Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

Initial report from 11/29/2011 14:08:49

Analyst(s)

Frank Dicrescenzo (38)
Juli Patel (17)



Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

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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

Table with 7 columns: Sample, Description, Appearance, % Fibrous, % Non-Fibrous, % Type. Contains 8 rows of sample data including 39NH4-Skim Coat, 39NH4-Base Coat, 39NH5-Skim Coat, 39NH5-Base Coat, 39NH6-Skim Coat, 39NH6-Base Coat, and 39NH7-Skim Coat.

Initial report from 11/29/2011 14:08:49

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Juli Patel (17)

Signature of Stephen Siegel
Stephen Siegel, CIH, Laboratory Manager
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Table with 7 columns: Sample, Description, Appearance, % Fibrous, % Non-Fibrous, Asbestos % Type. Rows include samples 39NH7-Base Coat, 39NH8-Skim Coat, 39NH8-Base Coat, 39NH9, 39NH10, and 39NH11.

Initial report from 11/29/2011 14:08:49

Analyst(s)

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Juli Patel (17)

Handwritten signature of Stephen Siegel

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
39NH12 <i>041130844-0012</i>	FLOOR - PAPER	Brown Fibrous Heterogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
39NH13 <i>041130844-0013</i>	STAIRWAY - FLOORING	Black/Yellow Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
39NH14 <i>041130844-0014</i>	STAIRWAY - FLOORING	Black/Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
39NH15 <i>041130844-0015</i>	BASEMENT CHIMNEY - PACKING	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
39NH16 <i>041130844-0016</i>	BASEMENT CHIMNEY - PACKING	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
39NH17 <i>041130844-0017</i>	BASEMENT WINDOWS - GLAZE	Gray Fibrous Heterogeneous		80% Non-fibrous (other)	20% Chrysotile
39NH18 <i>041130844-0018</i>	BASEMENT WINDOWS - GLAZE				Stop Positive (Not Analyzed)

Initial report from 11/29/2011 14:08:49

Analyst(s)

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Juli Patel (17)

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Table with 7 columns: Sample, Description, Appearance, % Fibrous, % Non-Fibrous, Asbestos % Type. Rows include samples 39NH19 through 39NH25 with various material descriptions and analysis results.

Initial report from 11/29/2011 14:08:49

Analyst(s)
Frank Dicrescenzo (38)
Juli Patel (17)

Signature of Stephen Siegel

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: cinnaslab@EMSL.com

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

Customer ID: KAS162
Customer PO: 509110228
Received: 11/22/11 9:30 AM
EMSL Order: 041130844

Fax: (802) 383-0490 Phone: (802) 383-0486
Project: 39 N HENRY

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 39NH26 through 39NH34 with various descriptions like KITCHEN WINDOW - GLAZE and ADDITION SIDING - PAPER.

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
39NH35 <i>041130844-0032</i>	GARAGE WINDOWS - GLAZE	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
39NH36-Shingle <i>041130844-0033</i>	MAIN ROOF - ASPHALT LAYERED	Brown/Black Non-Fibrous Heterogeneous	15% Glass	85% Non-fibrous (other)	None Detected
39NH36-Felt Paper <i>041130844-0033A</i>	MAIN ROOF - ASPHALT LAYERED	Black Fibrous Heterogeneous	75% Cellulose	25% Non-fibrous (other)	None Detected
39NH37-Shingle <i>041130844-0034</i>	MAIN ROOF - ASPHALT LAYERED	Brown/Black Non-Fibrous Heterogeneous	15% Glass	85% Non-fibrous (other)	None Detected
39NH37-Felt Paper <i>041130844-0034A</i>	MAIN ROOF - ASPHALT LAYERED	Black Fibrous Heterogeneous	75% Cellulose	25% Non-fibrous (other)	None Detected
39NH38-Shingle <i>041130844-0035</i>	MAIN ROOF - ASPHALT LAYERED	Brown/Black Fibrous Heterogeneous	15% Glass	85% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
39NH38-Felt Paper <i>041130844-0035A</i>	MAIN ROOF - ASPHALT LAYERED	Black Fibrous Heterogeneous	70% Cellulose	30% Non-fibrous (other)	None Detected
39NH40 <i>041130844-0036</i>	CHIMNEY (ROOF) - TAR	Black Non-Fibrous Heterogeneous		90% Non-fibrous (other)	10% Chrysotile
39NH41 <i>041130844-0037</i>	CHIMNEY (ROOF) - TAR				Stop Positive (Not Analyzed)
39NH42 <i>041130844-0038</i>	CHIMNEY (ROOF) - TAR				Stop Positive (Not Analyzed)
39NH43 <i>041130844-0039</i>	ROOF PATCH - TAR	Black Non-Fibrous Heterogeneous		90% Non-fibrous (other)	10% Chrysotile
39NH44 <i>041130844-0040</i>	ROOF PATCH - TAR				Stop Positive (Not Analyzed)
39NH45-Asphalt <i>041130844-0041</i>	GARAGE ROOF - ASPHALT AND PAPER	Gray/Black Non-Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
39NH45-Paper <i>041130844-0041A</i>	GARAGE ROOF - ASPHALT AND PAPER	Black Fibrous Heterogeneous	75% Cellulose	25% Non-fibrous (other)	None Detected
39NH46-Asphalt <i>041130844-0042</i>	GARAGE ROOF - ASPHALT AND PAPER	Black Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
39NH46-Paper <i>041130844-0042A</i>	GARAGE ROOF - ASPHALT AND PAPER	Black Fibrous Heterogeneous	75% Cellulose	25% Non-fibrous (other)	None Detected
39NH47-Asphalt <i>041130844-0043</i>	GARAGE ROOF - ASPHALT AND PAPER	Gray/Black Non-Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
39NH47-Paper <i>041130844-0043A</i>	GARAGE ROOF - ASPHALT AND PAPER	Black Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
39NH48 <i>041130844-0044</i>	HOUSE SIDING - PAPER	Black Non-Fibrous Heterogeneous	75% Cellulose	25% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
39NH49 <i>041130844-0045</i>	HOUSE SIDING - PAPER	Black Fibrous Heterogeneous	75% Cellulose	25% Non-fibrous (other)	None Detected
39NH50 <i>041130844-0046</i>	HOUSE SIDING - PAPER	Black Fibrous Heterogeneous	70% Cellulose	30% Non-fibrous (other)	None Detected

CERTIFICATION - PB091486 (FD)

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APPENDIX 3
SITE SKETCHS



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

JOB 38 North Henry CT 509110228

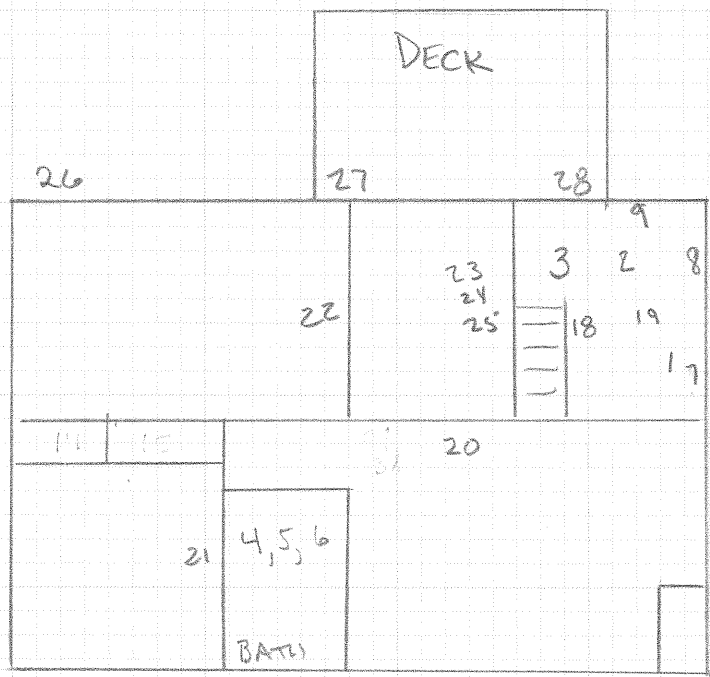
SHEET NO. 1 OF 1

CALCULATED BY PS DATE 12-16-11

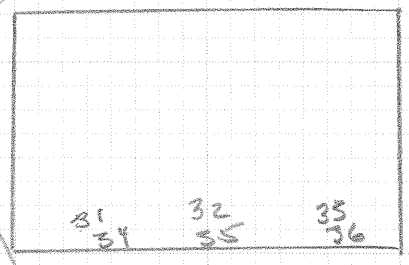
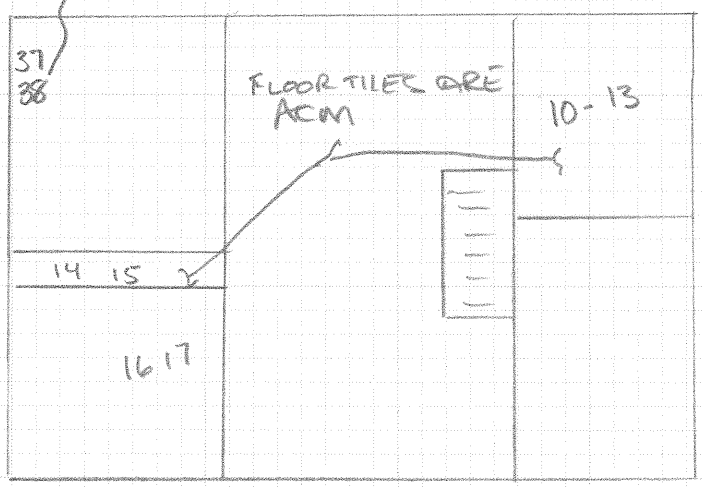
CHECKED BY _____ DATE _____

SCALE NTS

NOTES:
 D1, 2, 3... SAMPLE #/Location



CHIMNEY PACKING
 IS ACM





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

JOB 39 North Henry Court 509110228

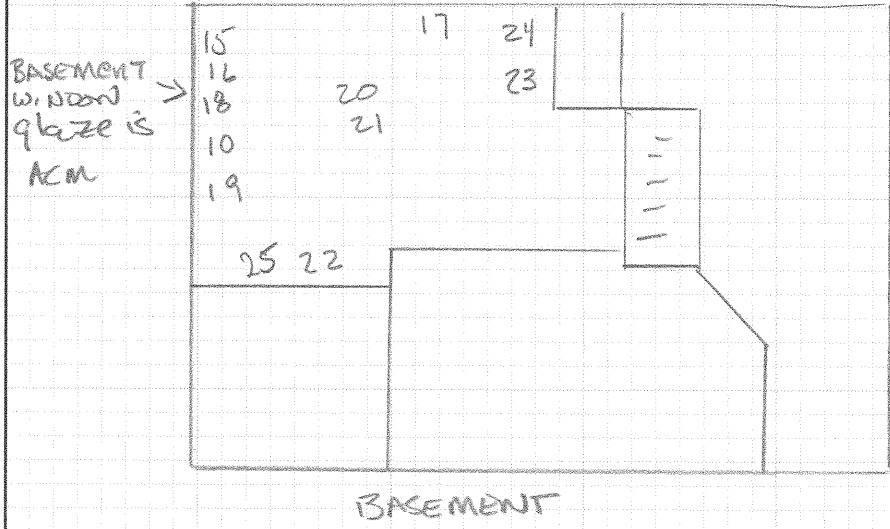
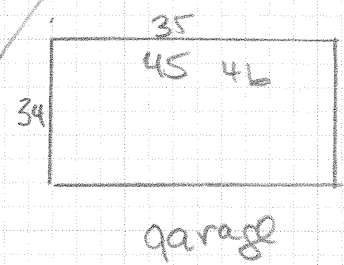
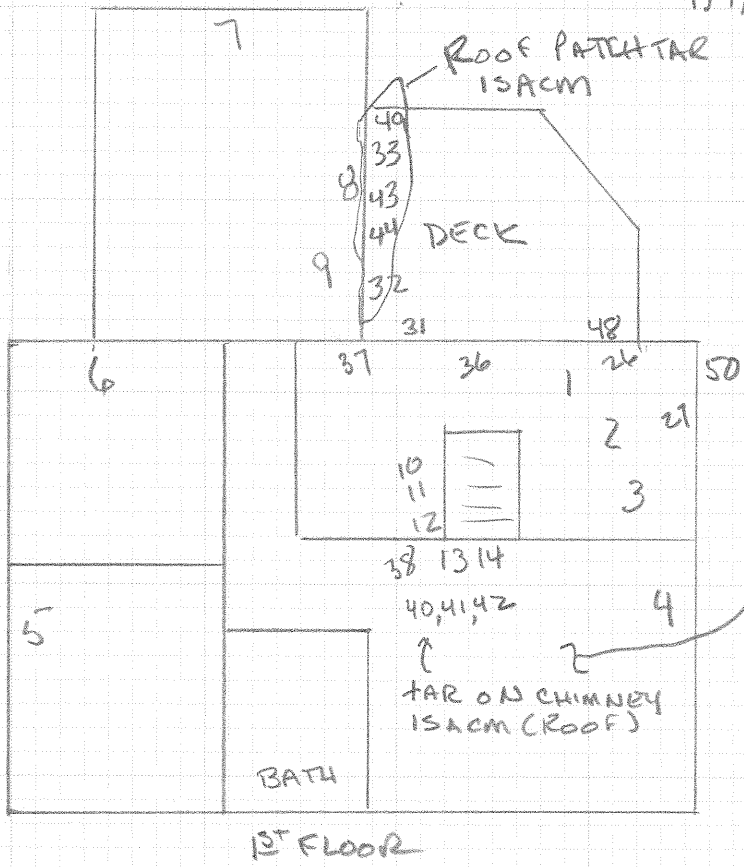
SHEET NO. 1 OF 1

CALCULATED BY PS DATE 12/17/11

CHECKED BY _____ DATE _____

SCALE NTS

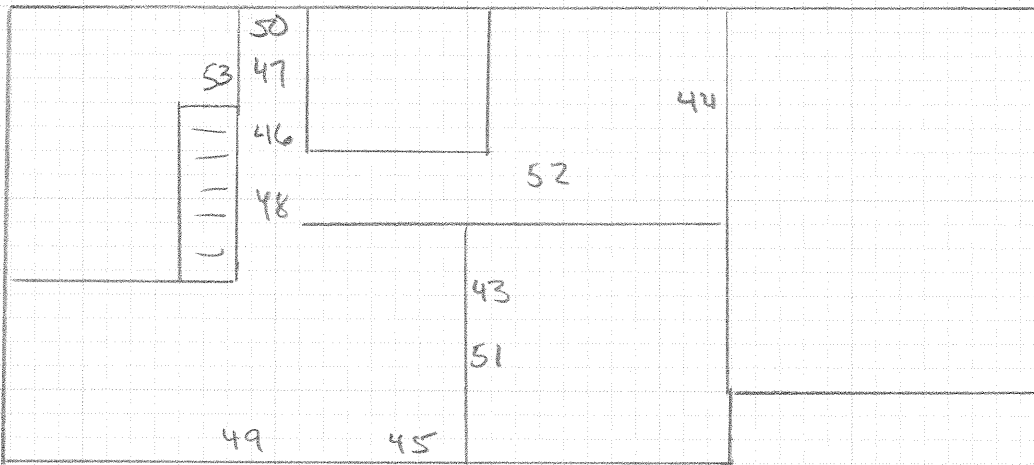
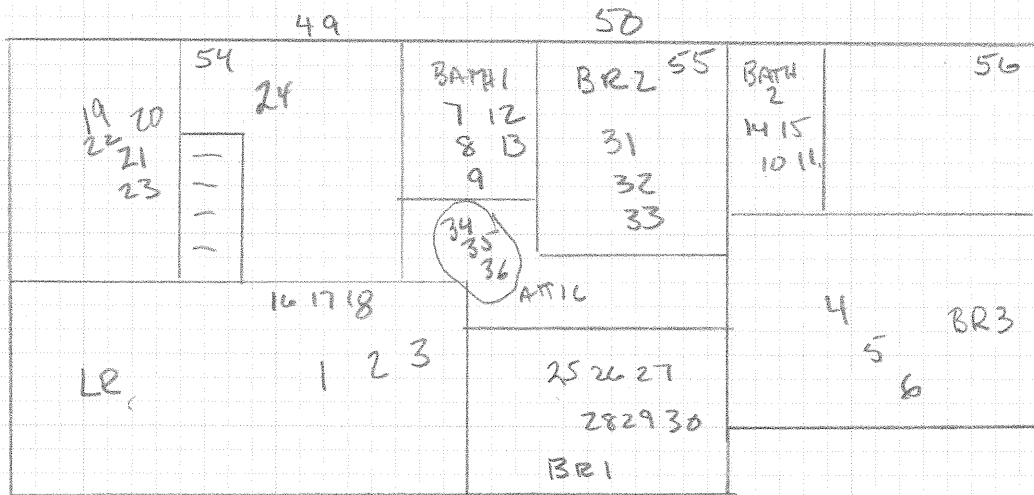
NOTES:
 1) 1, 2, 3, ... Sample # / location



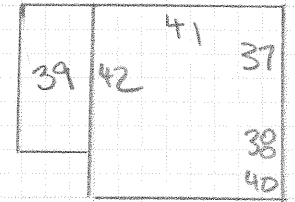


368 Avenue D Suite 15
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 (802) 383-0486 Fax (802) 383-0490

JOB Z DELAWARE STREET 509110228
 SHEET NO. 1 OF 1
 CALCULATED BY PS DATE 12-17-11
 CHECKED BY _____ DATE _____
 SCALE NTS



NOTES:
 1) 1, 2, 3 - SAMPLE # APPROXIMATE LOCATION
 2) NO ACM DETECTED IN BUILDING



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/wherelive.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.