

ASBESTOS INSPECTION REPORT
13, 57 & 72 Dumont Avenue,
23 Maryland Street,
2 & 6 Patrick Street,
392 White Street
and 6 Elizabeth Street
South Burlington, VT 05403
AIP 87

May 17, 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

Eight vacant single family homes located at 13, 57 & 72 Dumont Avenue, 23 Maryland Street, 2 & 6 Patrick Street, 392 White Street and 6 Elizabeth Street, South Burlington, Vermont were inspected for the presence of asbestos containing materials (ACMs) between January 19 and April 13, 2012. 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.

13 Dumont Avenue – 15 different homogeneous suspect materials were identified and sampled in this house. Asphalt shingle roofing (2% Chrysotile asbestos, non friable), window glaze in the basement (5% Chrysotile asbestos, friable), and sink dampener in the kitchen (3% Chrysotile asbestos, non friable) were determined to be ACM.

57 Dumont Avenue – 12 different homogeneous suspect materials were identified and sampled in this house. 9"x9" floor tile in the basement (6% Chrysotile asbestos, non friable) was determined to be ACM. In addition the basement chimney packing was <1% asbestos containing which is not an asbestos containing material but VOSHA worker protection rules have to be followed when disturbing it.

72 Dumont Avenue – 14 different homogeneous suspect materials were identified and sampled in this house. Chimney patching in the basement (15% Chrysotile asbestos, friable), 12"x12" floor tile in the basement (6% Chrysotile asbestos, non friable), sheet flooring in the kitchen (12% Chrysotile, non friable), and sheet flooring in the bathroom (10% Chrysotile asbestos, non friable) were determined to be ACM. In addition the sink dampener in the kitchen and the vermiculite insulation in the attic were also assumed ACM.

23 Maryland Street - 8 different homogeneous suspect materials were identified and sampled in this house. 12"x12" red/white floor tile mastic in the basement (2% Chrysotile asbestos, non friable), the joint compound on the walls (2% Chrysotile asbestos, friable), and 12"x12" brown floor tile in the basement (10% Chrysotile asbestos, non friable) were determined to be ACM. In addition the red/white 12"x12" floor tile was <1% asbestos containing which is not an asbestos containing material but VOSHA worker protection rules have to be followed when disturbing it.

2 Patrick Street - 7 different homogeneous suspect materials were identified and sampled in this house. No ACMs were identified.

6 Patrick Street - 11 different homogeneous suspect materials were identified and sampled in this house. Floor tile in various locations (10% Chrysotile asbestos, non friable) was determined to be ACM. In addition the transite board in the garage and the vermiculite insulation in the attic were also assumed ACM.

392 White Street - 16 different homogeneous suspect materials were identified and sampled in this house. Vinyl flooring in the kitchen (20% Chrysotile asbestos, non friable), joint compound on the walls (2% Chrysotile, friable), kitchen sink dampener (15% Chrysotile, non friable), linoleum on the basement countertop (25% Chrysotile, non friable), apartment kitchen sink dampener (6% Chrysotile, non friable), porch roofing material (2% Chrysotile, non friable), and shed roofing material (10% Chrysotile, non friable) were determined to be ACM.

6 Elizabeth Street - 12 different homogeneous suspect materials were identified and sampled in this house. Joint compound on the walls (2% Chrysotile, friable), sheet flooring and mastic in the kitchen (15% Chrysotile, non friable), and basement window caulk (2% Chrysotile, non friable) were determined to be ACM. In addition the white chimney packing was <1% asbestos containing which is not an asbestos containing material but VOSHA worker protection rules have to be followed when disturbing it.

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: 13, 57 & 72 Dumont Avenue, 23 Maryland Street, 2 & 6 Patrick Street, 392 White Street and 6 Elizabeth Street, South Burlington, VT

Inspection Dates: January 19 & 25, February 22, and April 13, 2012

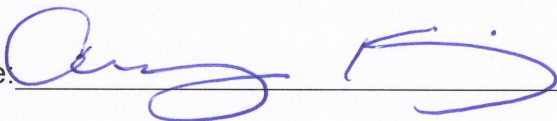
Buildings Inspected: Eight vacant residential structures.

Inspector Certification/Accreditation:

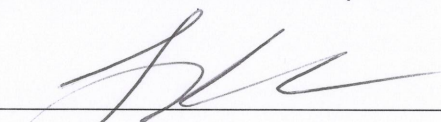
The personnel who conducted the inspection/bulk sampling of the facilities hold the following Certification/Accreditation program requirements:

Inspectors:

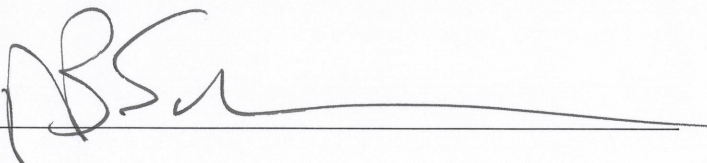
Amy King: Vermont Asbestos Inspector - AI097744

Signature:  _____

Jeremy Roberts: Vermont Asbestos Inspector – AI127703

Signature:  _____

Peter Schuyler: Vermont Asbestos Inspector/ Management Planner – MP014292

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 locations inspected consisted of houses greater than 30 years old. All were vacant and were to be demolished. In general the houses were in good condition. The houses were wood frame with some finished basements. The houses at 13, 57 & 72 Dumont Avenue, 2 & 6 Patrick Street, and 392 White Street were one story while the houses located at 23 Maryland Street and 6 Elizabeth Street were two story. All houses contained basements in various degrees of finish. 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 or hot water.

Recommendations:

The structures located at 2 Patrick Street did not contain any asbestos containing materials. Regardless an EPA/ state notification of the demolition needs to be submitted to both Region 1 EPA and The State of Vermont Asbestos Control program at least 10 working days before any demolition efforts commence.

Prior to demolition the identified asbestos containing materials in the houses in AIP 87 inspected on January 19 & 25, February 22, and April 13, 2012 (13, 57 & 72 Dumont Avenue, 23 Maryland Street, 2 & 6 Patrick Street, 392 White Street, and 6 Elizabeth Street) 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
13, 57 & 72 DUMONT AVENUE, 23 MARYLAND STREET, 2 & 6 PATRICK STREET, 392 WHITE STREET AND 6 ELIZABETH STREET, SOUTH BURLINGTON, VT

HA/SAMPLE # LOCATION	MATERIAL	ANALYTICAL RESULTS	QUANTITY/ CONDITION
13 DUMONT AVENUE			
1/13D1-3 Roof	Asphalt Shingles/Felt	2% Chrysotile, shingle not ACM, felt	~1,450 sq. feet, good
2/13D4-6 Exterior	Gutter Caulk	not ACM	
3/13D7-9 Exterior windows	Window Caulk	not ACM	
4/13D10-12 Exterior	Tar Paper	not ACM	
5/13D13-15 Basement	Sheetrock/Joint Compound	not ACM	
6/13D16-18 Basement	Window Glaze	5% Chrysotile	<5 sq. feet, damaged
7/13D19-21 Bathroom Addition	Sheetrock/Joint Compound	not ACM	
8/13D22-23A Kitchen	Sheet Flooring	not ACM	
9/13D24-26 Attic	insulation	not ACM	
10/13D27-29 Interior - various	Plaster/Skim Coat	not ACM	
11/13D30-32 Interior – various	Flooring Paper	not ACM	
12/13D33-35 Living Room Ceiling	Textured Paint	not ACM	
13/13D36-38 Bathroom	Bathtub Caulk	not ACM	
14/13D39-41 Bathroom	Floor Tile	not ACM	
15/13D42-43 Kitchen	Sink Dampener	3% Chrysotile	~ 2 sq. feet, good
57 DUMONT AVENUE			
1/57Du1-3 Roof	Asphalt Shingles/Tar Paper	not ACM	
2/57Du4-6 Basement	Window Caulk	not ACM	

57 DUMONT AVENUE (continued)

3/57Du7-9 Rear window	Window Glaze	not ACM	
4/57Du10-12 Rear window	Window Caulk	not ACM	
5/57Du13-16 Basement	9"x9" Floor Tile/Mastic	6% Chrysotile, floor tile not ACM, mastic	~ 200 sq. feet, good
6/57Du17-18 Basement	Chimney Packing	<1% Chrysotile (not ACM)	<1 sq. feet, damaged
7/57Du19-21 Wall Ceiling, 1 st Floor	Plaster/Skim Coat	not ACM	
8/57Du22-24 Closet	Green 9"x9" Floor Tile/Mastic	not ACM	
9/57Du25-27 Basement Walls	Sheetrock/Joint Compound	not ACM	
10/57Du28-29 Closet	Brown 9"x9" Floor Tile/Mastic	not ACM	
11/57Du30-32 Kitchen Floor	Sheet Flooring/Mastic	not ACM	
12/57Du33-35 Bathroom	Caulk	not ACM	

72 DUMONT AVENUE

1/72D1-3 Garage exterior	Siding Paper	not ACM	
2/72D4-5 Basement	Chimney Patch	15% Chrysotile	~ 1 sq. foot, damaged
3/72D6-8 Basement	12"x12" Floor Tile/Mastic	6% Chrysotile, floor tile not ACM, mastic	~ 500 sq. feet, good
4/72D9-11 Basement	Textured Paint	not ACM	
5/72D12-14 Kitchen	Sheet Flooring/Mastic	12% Chrysotile, sheet flooring not ACM, mastic	~90 sq. feet, good
6/72D15-17 Interior - various	Plaster/Skim Coat	not ACM	
7/72D18-20 Interior - various	Flooring Paper	not ACM	
8/72D21-23 Bathroom	Sheet Flooring/Mastic	10% Chrysotile, sheet flooring not ACM, mastic	~24 sq. feet, good
9/72D24-26 Bathroom	Bathtub Caulk	not ACM	

72 DUMONT AVENUE (continued)

10/72D27-30	Window Glaze Bedroom, Living Room Windows	not ACM	
11/72D31-33	Roofing Materials Garage	not ACM	
12/72D34-35	Flashing Coating House Roof	not ACM	
13/72D39-41	Tar Paper Exterior	not ACM	
14/72D36-38	Roofing Materials House Roof	not ACM	
Kitchen	Sink Sound Deadener	Assumed ACM	< 5 sq feet, good
Attic	Vermiculite Insulation	Assumed ACM	~900 sq. ft good

23 MARYLAND STREET

1/23MS1-3	Roofing Materials Roof	not ACM	
2/23MS4-6 Basement	12"x12" Floor Tile/Mastic	< 1% Chrysotile (not ACM), floor tile 2% Chrysotile, mastic	~300 sq feet, good
3/23MS7-9 Interior – various	Sheetrock/Joint Compound	not ACM, sheetrock 2% Chrysotile, joint compound	~1,200 sq feet, good
4/23MS10-11	Sink Dampener Kitchen	not ACM	
5/23MS12-14	insulation Attic	not ACM	
6/23MS15-17	Flooring Paper 1 st Floor - Various	not ACM	
7/23MS18-20	Ceiling Paint 2 nd Floor – Various	not ACM	
8/23MS21-23 Basement	Brown Floor Tile/Mastic	10% Chrysotile, floor tile not ACM, mastic	~350 sq feet, good

2 PATRICK STREET

1/2P1-3	Roofing Materials Garage Roof	not ACM
2/2P4-6	Sheet Flooring Kitchen	not ACM
3/2P7-9	Sheet Flooring Bathroom	not ACM
4/2P10-12	Textured Paint Interior Ceiling	not ACM
5/2P13-17	Sheetrock/ Joint Compound Interior - various	not ACM

2 PATRICK STREET (continued)

6/2P18-20 House Roof	Roofing Materials	not ACM	
7/2P21-23 Exterior Windows	Window Caulk	not ACM	

6 PATRICK STREET

1/6P1-3 Kitchen	Flooring - Composite	not ACM	
2/6P4-6 Interior – various	Floor Tile/Mastic	10% Chrysotile, floor tile not ACM, mastic	~700 sq feet, unknown
3/6P7-9 Kitchen	Cove Molding/Mastic	not ACM	
4/6P10-12 Interior – various	Paper – Wall Board	not ACM	
5/6P13-15 Interior – Addition	Sheetrock/Joint Compound	not ACM	
6/6P16-18 Interior – various	Textured Paint	not ACM	
7/6P19-21 Garage	Window Glaze	not ACM	
8/6P22-24 Garage Roof	Roofing Materials	not ACM	
9/6P25-27 Addition Roof	Roofing Materials	not ACM	
10/6P28-30 House Roof	Roofing Materials	not ACM	
11/6P31-33 Exterior	Tar Paper	not ACM	
Garage	Transite Board	Assumed ACM	~16 sq feet, good
Attic	Vermiculite Insulation	Assumed ACM	~ 1,000 sq ft, good

392 WHITE STREET

1/392W1-3 House roof	Roofing Tar Paper	not ACM	
2/392W4-6 Kitchen	Vinyl Flooring	20% Chrysotile	~100 sq feet, good
3/392W7-9 Interior – various	Sheetrock/Joint Compound	not ACM, sheetrock 2% Chrysotile, joint compound	~1,500 sq feet, good
4/392W10-11 Kitchen	Sink Dampener	15% Chrysotile	< 5 sq feet, good

392 WHITE STREET (continued)

5/392W12-14 Basement	Window Glaze	not ACM	
6/392W15-17 Basement	Ceiling Tile	not ACM	
7/392W18-20 Interior - various	Flooring Paper	not ACM	
8/392W21-23 Basement Countertop	Linoleum w/ Mastic	25% Chrysotile not ACM, mastic	~ 20 sq feet,
9/392W24-26 Exterior	Tar Paper	not ACM	
10/392W27-29 Apartment	Sheetrock	not ACM	
11/392W30-32 Apartment	Linoleum Flooring	not ACM	
12/392W33-34 Apartment Kitchen	Sink Dampener	6% Chrysotile	< 5 sq. feet, good
13/392W35-37 Porch	Roofing Materials	2% Chrysotile	~ 100 sq feet, good
14/392W38-40 Attic	Insulation	not ACM	
15/392W41-43 Shed Roof	Roofing Materials	10% Chrysotile	< 150 sq feet, good
16/392W44-46 Shed Roof	Tar Paper	not ACM	

6 ELIZABETH STREET

1/6E1-3 2 nd Floor Bathroom	Sheet Flooring/Mastic	not ACM	
2/6E4-6 2 nd Floor Bathroom	Bathtub Caulk	not ACM	
3/6E7-9 Interior – various	Sheetrock/Joint Compound	not ACM, Sheetrock 2% Chrysotile, joint compound	~1,800 sq feet, good
4/6E10-12 Kitchen	Sheet Flooring/Mastic	15% Chrysotile	~160 sq feet, good
5/6E13-15 Living Room	Textured Paint	not ACM	
6/6E16-18 House Roof	Roofing Materials	not ACM	
7/6E19-21 Basement Windows	Window Caulk	2% Chrysotile	~40 lin. feet, damaged

6 ELIZABETH STREET (continued)

8/6E22-23 Basement	Chimney Packing, Black	not ACM
9/6E24-25 Basement	Chimney Packing, White	< 1% Actinolite, not ACM
10/6E26-27 1 st Fl. Bathroom	Sink Caulk	not ACM
11/6E28-29 1 st Fl. Bathroom	Bathtub Caulk	not ACM
12/6E30-32 Exterior	Tar Paper	not ACM

Notes:

1. HA – homogeneous area, flr – floor, apt – apartment, sqft – square feet, lnft – linear feet
2. ACM – asbestos containing material (greater than 1% asbestos content)
3. Materials equal to or less than 1% asbestos are not considered ACM however when working with the materials VOSHA worker protection procedures must be used.

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 787 368 AVENUE D, SUITE 15
WILLISTON VT 05495

LICENSE: CE869095

EXPIRES: Monday, March 11, 2013

CERIFICATE 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.

Chaplin W. Col

VERMONT DEPARTMENT OF HEALTH
Asbestos & Lead Regulatory Program

Asbestos Site Inspector
Not a Legal Form of ID

JEREMY ROBERTS

Eff. Date 01/20/12
Exp. Date 01/29/13

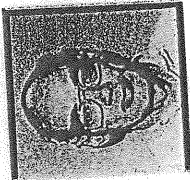
CONES
AI127703



Renewal

VERMONT DEPARTMENT OF HEALTH
Asbestos & Lead Regulatory Program

Asbestos Project Designer
Not a Legal Form of ID
PETER SCHUYLER



Renewal

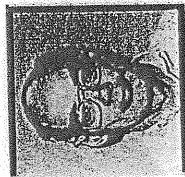
Eff. Date 04/06/11
Exp. Date 04/06/12

CONES
PD018118



VERMONT DEPARTMENT OF HEALTH
Asbestos & Lead Regulatory Program

Asbestos Inspector/Management Planner
Not a Legal Form of ID
PETER SCHUYLER



Renewal

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

AI097744



Renewal



APPENDIX 2
LABORATORY ANALYSIS REPORTS



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 / (856) 786-5974

<http://www.emsl.com>

cinnaslab@EMSL.com

EMSL Order: 041205318

CustomerID: KASI62

CustomerPO: 509110229

ProjectID:

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

Phone: (802) 383-0486
Fax: (802) 383-0490
Received: 03/01/12 9:30 AM
Analysis Date: 3/14/2012
Collected: 1/25/2012

Project: 13 Dumont Ave

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
13D1-Shingle 041205318-0001	Roof - roofing materials	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
13D1-Felt 041205318-0001A	Roof - roofing materials	Black Non-Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (other)	None Detected
13D2-shingle 041205318-0002	Roof - roofing materials	Black Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
13D2-Felt 041205318-0002A	Roof - roofing materials	Black Non-Fibrous Homogeneous	35% Cellulose	65% Non-fibrous (other)	None Detected
13D3-Shingle 041205318-0003	Roof - roofing materials				Stop Positive (Not Analyzed)
13D3-Felt 041205318-0003A	Roof - roofing materials	Black Non-Fibrous Homogeneous	35% Cellulose	65% Non-fibrous (other)	None Detected
13D4 041205318-0004	Exterior gutter - gutter caulk	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

Nancy Stalter (15)

Phong Nguyen (41)

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

Initial report from 03/14/2012 07:01:31



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (800) 220-3675 / (856) 786-5974
<http://www.emsl.com> cinnaslab@EMSL.com

EMSL Order: 041205318
CustomerID: KASI62
CustomerPO: 509110229
ProjectID:

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

Phone: (802) 383-0486
Fax: (802) 383-0490
Received: 03/01/12 9:30 AM
Analysis Date: 3/14/2012
Collected: 1/25/2012

Project: 13 Dumont Ave

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
13D5 041205318-0005	Exterior gutter - gutter caulk	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
13D6 041205318-0006	Exterior gutter - gutter caulk	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
13D7 041205318-0007	Exterior window caulk - window caulk	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
13D8 041205318-0008	Exterior window caulk - window caulk	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
13D9 041205318-0009	Exterior window caulk - window caulk	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
13D10 041205318-0010	Exterior tar paper - tar paper	Black Non-Fibrous Homogeneous	35% Cellulose	65% Non-fibrous (other)	None Detected
13D11 041205318-0011	Exterior tar paper - tar paper	Black Non-Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (other)	None Detected

Analyst(s)

Nancy Stalter (15)
Phong Nguyen (41)

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

Initial report from 03/14/2012 07:01:31



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 / (856) 786-5974

<http://www.emsl.com>

cinnaslab@EMSL.com

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Collected: 1/25/2012

Project: 13 Dumont Ave

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
13D12 041205318-0012	Exterior tar paper - tar paper	Black Non-Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (other)	None Detected
13D13-Sheetrock 041205318-0013	Basement - shhetrock/ JC	Gray Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
13D13-Joint Compound 041205318-0013A	Basement - shhetrock/ JC	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
13D14-Sheetrock 041205318-0014	Basement - shhetrock/ JC	Gray Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
13D14-Joint Compound 041205318-0014A	Basement - shhetrock/ JC	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
13D15-Drywall 041205318-0015	Basement - shhetrock/ JC	Gray Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
13D15-Joint Compound 041205318-0015A	Basement - shhetrock/ JC	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

Nancy Stalter (15)

Phong Nguyen (41)

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

Initial report from 03/14/2012 07:01:31



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 / (856) 786-5974

<http://www.emsl.com>

cinnaslab@EMSL.com

EMSL Order: 041205318

CustomerID: KASI62

CustomerPO: 509110229

ProjectID:

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

Phone: (802) 383-0486
Fax: (802) 383-0490
Received: 03/01/12 9:30 AM
Analysis Date: 3/14/2012
Collected: 1/25/2012

Project: 13 Dumont Ave

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
13D16 041205318-0016	Basement - window glazing	Tan Non-Fibrous Homogeneous		95% Non-fibrous (other)	5% Chrysotile
13D17 041205318-0017	Basement - window glazing				Stop Positive (Not Analyzed)
13D18 041205318-0018	Basement - window glazing				Stop Positive (Not Analyzed)
13D19-Sheetrock 041205318-0019	Bathroom/ addition - sheetrock/ JC	Gray Non-Fibrous Homogeneous	35% Cellulose	65% Non-fibrous (other)	None Detected
13D19-Joint Compound 041205318-0019A	Bathroom/ addition - sheetrock/ JC	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
13D20-Sheetrock 041205318-0020	Bathroom/ addition - sheetrock/ JC	Gray Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
13D20-Joint Compound 041205318-0020A	Bathroom/ addition - sheetrock/ JC	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
13D21-Drywall 041205318-0021	Bathroom/ addition - sheetrock/ JC	Gray Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
13D21-Joint Compound 041205318-0021A	Bathroom/ addition - sheetrock/ JC	Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
13D22 041205318-0022	Kitchen floor - sheet flooring/ no mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
13D22-Flooring 041205318-0022A	Kitchen floor - sheet flooring/ no mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
Extra sample in HA group was not labeled correctly. Analyzed as extra layer.					
13D23 041205318-0023	Kitchen floor - sheet flooring/ no mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
13D23A 041205318-0024	Kitchen floor - sheet flooring/ no mastic	Various/Green Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
13D24 041205318-0025	Attic - insulation	Gray Fibrous Homogeneous	98% Min. Wool	2% Non-fibrous (other)	None Detected

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Project: 13 Dumont Ave

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
13D25 041205318-0026	Attic - insulation	Gray Fibrous Homogeneous	99% Min. Wool	1% Non-fibrous (other)	None Detected
13D26 041205318-0027	Attic - insulation	Gray Fibrous Heterogeneous	98% Min. Wool	2% Non-fibrous (other)	None Detected
13D27-Skim Coat 041205318-0028	Kitchen wall - plaster/ skim coat	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
13D27-Base Coat 041205318-0028A	Kitchen wall - plaster/ skim coat	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
13D28Skim Coat 041205318-0029	Livingroom closet - plaster/ skim coat	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
13D28Base Coat 041205318-0029A	Livingroom closet - plaster/ skim coat	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
13D29-Skim Coat 041205318-0030	Bedroom closet - plaster/ skim coat	White Non-Fibrous Homogeneous		100% 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
13D29-Base Coat 041205318-0030A	Bedroom closet - plaster/ skim coat	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
13D30 041205318-0031	Bedroom floor - floor paper	Black Non-Fibrous Homogeneous	50% Cellulose	50% Non-fibrous (other)	None Detected
13D31 041205318-0032	Kitchen floor - floor paper	Black Fibrous Homogeneous	55% Cellulose	45% Non-fibrous (other)	None Detected
13D32 041205318-0033	Livingroom floor - floor paper	Black Non-Fibrous Homogeneous	50% Cellulose	50% Non-fibrous (other)	None Detected
13D33 041205318-0034	Livingroom ceiling - textured paint	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
13D34 041205318-0035	Livingroom ceiling - textured paint	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
13D35 041205318-0036	Livingroom ceiling - textured paint	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
13D36 041205318-0037	Bathroom bathtub - caulk	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
13D37 041205318-0038	Bathroom bathtub - caulk	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
13D38 041205318-0039	Bathroom bathtub - caulk	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
13D39-Flooring 041205318-0040	Bathroom - floor tile/ self stick	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
13D39-Mastic 041205318-0040A	Bathroom - floor tile/ self stick	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
13D40-Flooring 041205318-0041	Bathroom - floor tile/ self stick	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
13D40-Mastic 041205318-0041A	Bathroom - floor tile/ self stick	Various/Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

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Initial report from 03/14/2012 07:01:31



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<http://www.emsl.com> cinnasblab@EMSL.com

EMSL Order: 041205318
CustomerID: KASI62
CustomerPO: 509110229
ProjectID:

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
13D41-Flooring 041205318-0042	Bathroom - floor tile/ self stick	Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
13D41-Mastic 041205318-0042A	Bathroom - floor tile/ self stick	Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
13D42 041205318-0043	Kitchen sink - sound dampner	Black Non-Fibrous Homogeneous		97% Non-fibrous (other)	3% Chrysotile
13D43 041205318-0044	Kitchen sink - sound dampner				Stop Positive (Not Analyzed)

Cert.# PB042487 (PN) & PB548328 (NS)

Analyst(s)

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Asbestos Lab Services Chain of Custody

EMSL Order Number (Lab Use Only):

041205318

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** Third Party Billing requires written authorization from third party</small>	
Street: 368 Avenue D, Suite 15 PO Box 787			
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: 13 Dumont Ave.			
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	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 - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)
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 - 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	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)
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		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
	<u>See ATTACHED</u>		

Client Sample # (s): <u>13D1 + 13D23A - 13D43</u>	Total # of Samples: <u>44</u>
Relinquished (Client): <u>[Signature]</u> Date: <u>2/27/12</u>	Time: <u>11:05</u>
Received (Lab): <u>DMB-px</u> Date: <u>3-1-12</u>	Time: <u>9:30A</u>

Comments/Special Instructions:
A44

04/20/5318

KAS, INC., P.O. BOX 787, WILLISTON, VT 05495 (802) 383-0486
VERMONT ASBESTOS CONSULTING ENTITY LICENSE CE615428

PROJECT NO.: 509110229

SAMPLER: PETER SCHUYLER SIGNATURE: *[Signature]*

LOCATION: 13 DUMONT AVENUE
SOUTH BURLINGTON VT 05403

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

SAMPLES ACCEPTED FOR ANALYSIS BY EMSL ANALYTICAL INC.

RECEIVED
EMSL
CINNAMINSON, N.J.
2012 MAR -1 A 11:31

SAMPLE TYPE:	Bulk	TURNAROUND TIME:	routine	BUILDING SURFACE	AMOUNT	DAMAGE	
HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
1	13D1	1/25/12	PLM	Roof	Roofing materials	~1450sqft	none
1	13D2			↓			
1	13D3			EXTERIOR GUTTER	gutter caulk	~60lnft	minor
2	13D4			↓			
2	13D5			EXTERIOR WINDOW CAULK	Window caulk	~90lnft	damaged
2	13D6			↓			
3	13D7			EXTERIOR TAR PAPER	Tar paper	~1100sqft	none
3	13D8			↓			
3	13D9						
4	13D10						
4	13D11						
4	13D12						

RELINQUISHED BY: *[Signature]* DATE/TIME: 2/11/12 RECEIVED BY: _____ DATE/TIME: _____

RELINQUISHED BY: _____ DATE/TIME: _____ RECEIVED BY: _____
COMMENTS: 1) Analyze each homogeneous group to first positive only
2) PLM EPA 600-93/116
3) Vermont samples
4) HA - homogeneous area

041205318

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

PROJECT NO.: 509110229

SAMPLER: PETER SCHUYLER SIGNATURE: *[Signature]*

LOCATION: 13 DUMONT AVENUE
SOUTH BURLINGTON, VT 05403

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

SAMPLES ACCEPTED FOR ANALYSIS BY EMSSL ANALYTICAL INC.

RECEIVED EMGL CINNAMILSON, N.J.

07 MAR - 1 A 11:31

SAMPLE TYPE:	Bulk	TURNAROUND TIME:	routine	BUILDING SURFACE	AMOUNT	DAMAGE	
HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
	5 13D13	1/25/12	PLM	Basement	Basement short rock/IC	~200 sq ft	MINOR
	5 13D14				↓		
	5 13D15				Window glazing	1 FT ²	Damaged
	6 13D16			Basement	↓		
	6 13D17				↓		
	6 13D18			Bathroom / addition	Sheet rock / IC	~650 sq ft	none
	7 13D19				↓		
	7 13D20				↓		
	7 13D21				↓		
	8 13D22			Kitchen floor	Sheet flooring / no mastic ~144 sq ft		none
	8 13D23				↓		
	8 13D23A				↓		

RELINQUISHED BY: *[Signature]* DATE/TIME: 2/21/12 10:55 RECEIVED BY: _____ DATE/TIME: _____

RELINQUISHED BY: _____ DATE/TIME: _____ RECEIVED BY: _____
COMMENTS: 1) Analyze each homogeneous group to first positive only
2) PLM EPA 600-93/116
3) Vermont samples
4) HA - homogeneous area

[Handwritten initials]

041205318

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

PROJECT NO.: 509110229

SAMPLER: PETER SCHUYLER SIGNATURE: [Signature]

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

LOCATION: _____
13 DUMONT AVENUE
SOUTH BURLINGTON, VT 05403

SAMPLE TYPE:	Bulk	TURNAROUND TIME:	routine				
HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
9	13D24	1/25/12	PLM	ATTIC	INSULATION	~900 sq ft	NONE
9	13D25						
9	13D26						
10	13D27			KITCHEN WALL	Plaster/skim coat	~2500 sq ft	NONE
10	13D28			LIVING ROOM CLOSET			
10	13D29			BED ROOM CLOSET			
11	13D30			Bedroom floor	floor paper	~800 sq ft	NONE
11	13D31			Kitchen floor			
11	13D32			Living room floor			
12	13D33			Living Room Ceiling	TEXTURED PAINT	~180 sq ft	NONE
12	13D34						
12	13D35						

RECEIVED
EMSL
CINNAMINSON, N.J.
12 MAR - 1 11:31

RELINQUISHED BY: [Signature] DATE/TIME: 2/11/12 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
 - 3) Vermont samples
 - 4) HA - homogeneous area

SAMPLES ACCEPTED
FOR ANALYSIS BY
EMSL ANALYTICAL INC

SAMPLES ACCEPTED FOR ANALYSIS BY EMSU ANALYTICAL INC

RECEIVED EMSU CANNAMINSON, N.J.

041205318

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

PROJECT NO.: 509110229

SAMPLER: PETER SAUYLER SIGNATURE: [Signature]

CLIENT: Stantec Consulting Services, Inc. LOCATION: 13 DUMONT AVENUE SOUTH BURLINGTON, VT 05403

SAMPLE TYPE:	Bulk	TURNAROUND TIME:	routine				
HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
13	13D36	1/29/12	PLM	Bathroom	Bathroom caulk	~20 lbf	minor
13	13D37						
13	13D38						
14	13D39			Bathroom	Floor tile / self stick	~24 sq ft	none
14	13D40						
14	13D41						
15	13D42			Kitchen	Kitchen sink ^{sand} gaskets	~2 sq ft	none
15	13D43						

RELINQUISHED BY: [Signature] DATE/TIME: 4/12/10 RECEIVED BY: DATE/TIME: 4/12 MAR - 1 A 11:31

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

- COMMENTS:
- 1) Analyze each homogeneous group to first positive only
 - 2) PLM EPA 600-93/116
 - 3) Vermont samples
 - 4) HA - homogeneous area

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.

PROJECT NO: 509110229
 CLIENT: Stantec Consulting Services, Inc.
 55 Green Mountain Drive
 South Burlington, VT 05403

04/11/30855
 KAS, INC., P.O. BOX 787, WILLISTON, VT 05495 (802) 383-0486
 VERMONT ASBESTOS CONSULTING ENTITY LICENSE CE615423
 JEREMY ROBERTS
 SAMPLER: PETER SCUTTLER SIGNATURE: [Signature]

2064

LOCATION: S DELAWARE STREET
 SOUTH BURLINGTON, VT

SAMPLE TYPE: Bulk TURNAROUND TIME: 1wk

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
1	SD1	11/17/11	PLM	1 st 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 1 st Floor	Plaster		
4	SD10			↓	↓		
4	SD11			↓	2 layers		
5	SD12			Bathroom	Sheet Flooring/Mastic	~80 lb	none

RELINQUISHED BY: [Signature] DATE/TIME: 1007 RECEIVED BY: [Signature] DATE/TIME: 2011 NOV 22 P 12:12

RECEIVED: EM5L CINNAMINSON, N.J.
 SAMPLES ACCEPTED FOR ANALYSIS BY: [Signature] ANALYTICAL INC.

REMARKS:
 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

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: 

3 of 4

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				↓		

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

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

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
5D1 041130855-0001	1ST FLOOR FLOORS - PAPER	Orange Fibrous Heterogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
5D2 041130855-0002	1ST FLOOR FLOORS - PAPER	Orange Fibrous Heterogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
5D3 041130855-0003	1ST FLOOR FLOORS - PAPER	Orange Fibrous Heterogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
5D4 041130855-0004	GARAGE FOYER - VINYL FLOORING	Gray/Tan Fibrous Heterogeneous	15% Cellulose 2% Glass	83% Non-fibrous (other)	None Detected
5D5 041130855-0005	GARAGE FOYER - VINYL FLOORING	Gray/Tan Fibrous Heterogeneous	15% Cellulose 2% Glass	83% Non-fibrous (other)	None Detected
5D6-FLOORING-1 041130855-0006	KITCHEN FLOOR - SHEET FLOORING	Tan Fibrous Heterogeneous	3% Cellulose	97% 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

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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
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

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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)

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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.

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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

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

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Attn: **Peter Schuyler**
KAS, Inc.
PO Box 787
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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
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

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



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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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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	Suggest TEM		100% Non-fibrous (other) None Detected
5D24 041130855-0024	BASEMENT WINDOWS - GLAZE	Gray Non-Fibrous Heterogeneous	Suggest TEM		100% Non-fibrous (other) None Detected
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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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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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)

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Received: 03/01/12 9:30 AM
Analysis Date: 3/6/2012
Collected: 2/25/2012

Project: 72 Dumont Ave

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
72D1 041205281-0001	Garage - Siding Paper	Brown/Black/Silver Fibrous Heterogeneous	40%	60% Cellulose Non-fibrous (other)	None Detected
HA: 1					
72D2 041205281-0002	Garage - Siding Paper	Brown/Black/Silver Fibrous Heterogeneous	40%	60% Cellulose Non-fibrous (other)	None Detected
HA: 1					
72D3 041205281-0003	Garage - Siding Paper	Brown/Black/Silver Fibrous Heterogeneous	45%	55% Cellulose Non-fibrous (other)	None Detected
HA: 1					
72D4 041205281-0004	Basement - Chimney Patch	Gray/White Fibrous Heterogeneous		85% Non-fibrous (other)	15% Chrysotile
HA: 2					
72D5 041205281-0005	Basement - Chimney Patch				Stop Positive (Not Analyzed)
HA: 2					
72D6-Floor Tile 041205281-0006	Basement - 12x12 Floor Tile - Offwhite w/ Grey Streaks	White Fibrous Heterogeneous		94% Non-fibrous (other)	6% Chrysotile
HA: 3					

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Initial report from 03/06/2012 17:40:35



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Collected: 2/25/2012

Project: 72 Dumont Ave

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
72D6-Mastic 041205281-0006A	Basement - Mastic	Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
72D7-Floor Tile 041205281-0007	Basement - 12x12 Floor Tile - Offwhite w/ Grey Streaks				Stop Positive (Not Analyzed)
HA: 3					
72D7-Mastic 041205281-0007A	Basement - Mastic	Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
72D8-Floor Tile 041205281-0008	Basement - 12x12 Floor Tile - Offwhite w/ Grey Streaks				Stop Positive (Not Analyzed)
HA: 3					
72D8-Mastic 041205281-0008A	Basement - Mastic	Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
72D9 041205281-0009	Basement - Textured Paint	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
HA: 4					

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
72D10 041205281-0010	Basement - Textured Paint	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 4		
72D11 041205281-0011	Basement - Textured Paint	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 4		
72D12-Sheet Flooring 041205281-0012	Kitchen - Sheet Flooring	Gray Fibrous Heterogeneous		88% Non-fibrous (other)	12% Chrysotile
			HA: 5		
72D12-Mastic 041205281-0012A	Kitchen - Mastic	Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
72D13-Sheet Flooring 041205281-0013	Kitchen - Sheet Flooring				Stop Positive (Not Analyzed)
			HA: 5		
72D13-Mastic 041205281-0013A	Kitchen - Mastic	Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
72D14-Sheet Flooring 041205281-0014	Kitchen - Sheet Flooring				Stop Positive (Not Analyzed)
HA: 5					
72D14-Mastic 041205281-0014A	Kitchen - Mastic				Insufficient Material
too difficult to separate layers without contamination					
72D15-Skim Coat 041205281-0015	Living Room - Plaster/Skim Coat	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
HA: 6					
72D15-Base Coat 041205281-0015A	Living Room - Plaster/Skim Coat	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
HA: 6					
72D16-Skim Coat 041205281-0016	Bedroom - NW - Plaster/Skim Coat	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
HA: 6					
72D16-Base Coat 041205281-0016A	Bedroom - NW - Plaster/Skim Coat	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
HA: 6					

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			% Fibrous	% Non-Fibrous	% Type
72D17-Skim Coat 041205281-0017	Closet over Stairs - Plaster/Skim Coat	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
HA: 6					
72D17-Base Coat 041205281-0017A	Closet over Stairs - Plaster/Skim Coat	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
HA: 6					
72D18 041205281-0018	Bedroom - N - Flooring Paper	Black Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
HA: 7					
72D19 041205281-0019	Bedroom - SW - Flooring Paper	Black Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
HA: 7					
72D20 041205281-0020	Bedroom - W - Flooring Paper	Black Fibrous Heterogeneous	75% Cellulose	25% Non-fibrous (other)	None Detected
HA: 7					
72D21-Sheet Flooring 041205281-0021	Bathroom - Sheet Flooring	Gray Fibrous Heterogeneous	30% Cellulose	60% Non-fibrous (other)	10% Chrysotile
HA: 8					

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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

Initial report from 03/06/2012 17:40:35



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077
 Phone/Fax: (800) 220-3675 / (856) 786-5974
<http://www.emsl.com> cinnaslab@EMSL.com

EMSL Order: 041205281
 CustomerID: KASI62
 CustomerPO: 509110229
 ProjectID:

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

Phone: (802) 383-0486
 Fax: (802) 383-0490
 Received: 03/01/12 9:30 AM
 Analysis Date: 3/6/2012
 Collected: 2/25/2012

Project: 72 Dumont Ave

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
72D21-Mastic 041205281-0021A	Bathroom - Mastic	Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
72D22-Sheet Flooring 041205281-0022	Bathroom - Sheet Flooring				Stop Positive (Not Analyzed)
HA: 8					
72D22-Mastic 041205281-0022A	Bathroom - Mastic	Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
72D23-Sheet Flooring 041205281-0023	Bathroom - Sheet Flooring				Stop Positive (Not Analyzed)
HA: 8					
72D23-Mastic 041205281-0023A	Bathroom - Mastic				Insufficient Material
too difficult to separate layers without contamination					
72D24 041205281-0024	Bathroom - Bathrub Caulk	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
HA: 9					

Analyst(s)

Johnny Yu (41)
 Naadira Carter (17)

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
72D25 041205281-0025	Bathroom - Bathrub Caulk	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
HA: 9					
72D26 041205281-0026	Bathroom - Bathrub Caulk	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
HA: 9					
72D27 041205281-0027	Bedroom Windows - Window Glaze	Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
HA: 10					
72D28 041205281-0028	Bedroom Windows - Window Glaze	Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
HA: 10					
72D29 041205281-0029	Bedroom Windows - Window Glaze	Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
HA: 10					
72D30 041205281-0030	Living Room Windows - Window Glaze	Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
HA: 10					

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
72D31-Shingle 041205281-0031	Garage Roof - Roofing Layers	White/Black Fibrous Heterogeneous	25%	Cellulose	75% Non-fibrous (other) None Detected
			HA: 11		
72D31-Shingle 041205281-0031A	Garage Roof - Roofing Layers	Brown/Black Fibrous Heterogeneous	20%	Glass	80% Non-fibrous (other) None Detected
			HA: 11		
72D31-Tar Felt 041205281-0031B	Garage Roof - Roofing Layers	Black Fibrous Heterogeneous	50%	Cellulose	50% Non-fibrous (other) None Detected
			HA: 11		
72D32-Shingle 041205281-0032	Garage Roof - Roofing Layers	White/Black Fibrous Heterogeneous	20%	Cellulose	80% Non-fibrous (other) None Detected
			HA: 11		
72D32-Shingle 041205281-0032A	Garage Roof - Roofing Layers	Brown/Black Fibrous Heterogeneous	15%	Glass	85% Non-fibrous (other) None Detected
			HA: 11		
72D32-Tar Felt 041205281-0032B	Garage Roof - Roofing Layers	Black Fibrous Heterogeneous	60%	Cellulose	40% Non-fibrous (other) None Detected
			HA: 11		

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Project: 72 Dumont Ave

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
72D33-Shingle 041205281-0033	Garage Roof - Roofing Layers	White/Black Fibrous Heterogeneous	25%	Cellulose	75% Non-fibrous (other) None Detected
			HA: 11		
72D33-Shingle 041205281-0033A	Garage Roof - Roofing Layers	Black Fibrous Heterogeneous	25%	Cellulose	75% Non-fibrous (other) None Detected
			HA: 11		
72D33-Tar Felt 041205281-0033B	Garage Roof - Roofing Layers	Black Fibrous Heterogeneous	75%	Cellulose	25% Non-fibrous (other) None Detected
			HA: 11		
72D34 041205281-0034	House Roof Chimney - Flashing Coating	Black Fibrous Heterogeneous	15%	Cellulose	85% Non-fibrous (other) None Detected
			HA: 12		
72D35 041205281-0035	House Roof Chimney - Flashing Coating	Black Fibrous Heterogeneous	30%	Cellulose	70% Non-fibrous (other) None Detected
			HA: 12		
72D39 041205281-0036	Exterior Siding - "Tar" Siding Paper	Black Fibrous Heterogeneous	50%	Cellulose	50% Non-fibrous (other) None Detected
			HA: 13		

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Project: 72 Dumont Ave

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
72D40 <i>041205281-0037</i>	Exterior Siding - "Tar" Siding Paper	Black Fibrous Heterogeneous	50%	Cellulose	50% Non-fibrous (other) None Detected
			HA: 13		
72D41 <i>041205281-0038</i>	Exterior Siding - "Tar" Siding Paper	Black Fibrous Heterogeneous	75%	Cellulose	25% Non-fibrous (other) None Detected
			HA: 13		
72D36-Shingle <i>041205281-0039</i>	House Roof - Roofing Layered	White/Black Fibrous Heterogeneous	25%	Cellulose	75% Non-fibrous (other) None Detected
			HA: 14		
72D36-Tar Paper <i>041205281-0039A</i>	House Roof - Roofing Layered	Black Fibrous Heterogeneous	40%	Glass	60% Non-fibrous (other) None Detected
			HA: 14		
72D36-Tar <i>041205281-0039B</i>	House Roof - Roofing Layered	Black Non-Fibrous Heterogeneous			100% Non-fibrous (other) None Detected
			HA: 14		
72D37-Shingle <i>041205281-0040</i>	House Roof - Roofing Layered	White/Black Fibrous Heterogeneous	25%	Cellulose	75% Non-fibrous (other) None Detected
			HA: 14		

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
72D37-Shingle 041205281-0040A	House Roof - Roofing Layered	Brown/Black Fibrous Heterogeneous	15% Glass	85% Non-fibrous (other)	None Detected
HA: 14					
72D37-Tar Paper 041205281-0040B	House Roof - Roofing Layered	Black Fibrous Heterogeneous	35% Glass	65% Non-fibrous (other)	None Detected
HA: 14					
72D37-Tar 041205281-0040C	House Roof - Roofing Layered	Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
HA: 14					
72D38-Shingle 041205281-0041	House Roof - Roofing Layered	Gray/Red/Black Fibrous Heterogeneous	15% Glass	85% Non-fibrous (other)	None Detected
HA: 14					
72D38-Shingle 041205281-0041A	House Roof - Roofing Layered	Black Fibrous Heterogeneous	25% Cellulose	75% Non-fibrous (other)	None Detected
HA: 14					
72D38-Felt 041205281-0041B	House Roof - Roofing Layered	Non-Fibrous Heterogeneous	30% Glass	70% Non-fibrous (other)	None Detected
HA: 14					

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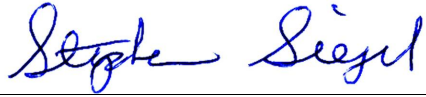
Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
72D38-Tar 041205281-0041C	House Roof - Roofing Layered	Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

HA: 14

Cert. PB122184 (NC); Cert. PB050988 (JY)

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Asbestos Lab Services Chain of Custody

EMSL Order Number (Lab Use Only):

041205281

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** Third Party Billing requires written authorization from third party</small>	
Street: 368 Avenue D, Suite 15 PO Box 787			
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: 72 Dumont Ave.			
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		2012 MAR - 1 A 11:35 ps

Client Sample # (s): 72D1 - 72D41 Total # of Samples: 38 41

Relinquished (Client): [Signature] Date: 2/27/12 Time: 1105

Received (Lab): [Signature] Date: 3-1-12 Time: 930A

Comments/Special Instructions:
3/1/12 - slw Amy, 1 week TAT - PLM EPA 600/R-93/116

41b

EXAMPLES ACCEPTED FOR ANALYSIS BY EMSL ANALYTICAL INC.

CINNAMONSON, N.J.

MAR - 1 A 11:35

041205281

KAS, INC., P.O. BOX 787, WILLISTON, VT 05495 (802) 383-0486
VERMONT ASBESTOS CONSULTING ENTITY LICENSE CE615425

PROJECT NO.: 509110229 SAMPLER: PETER SCHUYLER SIGNATURE: [Signature]
CLIENT: Stantec Consulting Services, Inc. LOCATION: 72 DUMONT AVENUE
55 Green Mountain Drive SOUTH BURLINGTON VT 05403
South Burlington, VT 05403

SAMPLE TYPE:	Bulk	TURNAROUND TIME:	routine	BUILDING SURFACE	AMOUNT	DAMAGE
HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION		
	1 72D1	1/25/12	PLM	Garage	~500 sq ft	damaged
	1 72D2					
	1 72D3					
	2 72D4			Basement	~1.5 sq ft	damaged
	2 72D5					
	2 72D6					
	3 72D6			Basement	12x12 Floor tile / MARC off white w/ grey streaks	none
	3 72D7					
	3 72D8			Basement	Textured paint	~500 sq ft none
	4 72D9					
	4 72D10					
	4 72D11					

RELINQUISHED BY: [Signature] DATE/TIME: 2/21/12 RECEIVED BY: _____ DATE/TIME: _____

RELINQUISHED BY: _____ DATE/TIME: _____ RECEIVED BY: _____
COMMENTS: 1) Analyze each homogeneous group to first positive only
2) PLM EPA 600-93/116
3) Vermont samples
4) HA - homogeneous area

041205281

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

PROJECT NO.: 509110227

SAMPLER: Peter Swamyar SIGNATURE: 

LOCATION: 72 DEMONT AVENUE

SOUTH BURLINGTON, VT 05403

CLIENT: Stantec Consulting Services, Inc.

55 Green Mountain Drive

South Burlington, VT 05403

TURNAROUND TIME: routine

SAMPLE TYPE:	Bulk	HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
		5	72D12	1/25/10	PLM	Kitchen Kitchen	Sheet flooring + mastic	~88 sq ft	none
		5	72D13						
		5	72D14			Living Room	Plaster / skim coat	~2450 sq ft	none
		6	72D15			Bedroom - NW			
		6	72D16			closet over stairs			
		6	72D17			Bedroom - N	Floring paper	~180 sq ft	none
		7	72D18			Bedroom - SW			
		7	72D19			Bedroom - W			
		7	72D20			Bathroom	Sheet flooring	~24 sq ft	none
		8	72D21				Mastic		
		8	72D22						
		8	72D23						

RECEIVED
CINNARINSON, N.J.
2012 MAR -1 A 11:35

DATE/TIME:

DATE/TIMER:

RELINQUISHED BY:  DATE/TIME: 1/25/10 RECEIVED BY:

DATE/TIME: RECEIVED BY:

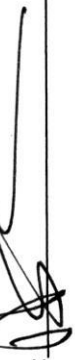
RELINQUISHED BY: Analyze each homogeneous group to first positive only

- COMMENTS:
- 1) Analyze each homogeneous group to first positive only
 - 2) PLM EPA 600-93/116
 - 3) Vermont samples
 - 4) HA - homogeneous area

041205281

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

PROJECT NO.: 509110229

SAMPLER: Peter Sawyer SIGNATURE: 

CLIENT: Stantec Consulting Services, Inc.

LOCATION:

55 Green Mountain Drive

72 DUMONT AVENUE

South Burlington, VT 05403



SOUTH BURLINGTON, VT 05403

SAMPLE TYPE: Bulk

TURNAROUND TIME: routine

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
9	72D24	12/12	PLM	BATHROOM	Bath tub Caulk	~24lnft	damaged
9	72D25						
9	72D26						
10	72D27			Bedroom Windows	Window glaze	~80lnft	none
10	72D28						
10	72D29						
10	72D30			Living Room Window			
11	72D31			GARAGE ROOF	Roofing layers	~900sqft	None
11	72D32						
11	72D33						
12	72D34			House Roof Chimney	Flashing Coating	~5sqft	None
12	72D35						

RECEIVED BY:  DATE/TIME: 2/17/10 RECEIVED BY:  DATE/TIME: 2/17/10

RELINQUISHED BY:  DATE/TIME: 2/17/10 RECEIVED BY:  DATE/TIMER: 2/17/10

- COMMENTS:
- 1) Analyze each homogeneous group to first positive only
 - 2) PLM EPA 600-93/116
 - 3) Vermont samples
 - 4) HA - homogeneous area

SAMPLES ACCEPTED FOR ANALYSIS BY EMSL ANALYTICAL INC

LABORATORY: 246L
CINNAPRISON, N.J.

2012 MAR - 1 A 11:35

04205881

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

PROJECT NO.: 509110229 SAMPLER: PETER SCHUYLER SIGNATURE: [Signature]

CLIENT: Stantec Consulting Services, Inc. LOCATION: 72 DUMONT AVENUE
55 Green Mountain Drive SOUTH BURLINGTON, VT 05403

SAMPLE TYPE: Bulk TURNAROUND TIME: routine

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
13	72D 39	3/5/12	PLM	exterior siding	siding paper	~800 sq ft	none
13	72D 40			↓			
13	72D 41						
14	72D 36			House Roof	roofing paper	~950 sq ft	none
14	72D 37						
14	72D 38						

RELINQUISHED BY: [Signature] DATE/TIME: 4/12/10 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
3) Vermont samples
4) HA - homogeneous area

SAMPLES ACCEPTED FOR ANALYSIS BY EMSL ANALYTICAL INC

RECEIVED
BURLINGTON, N.J.
12 MAR - 1 A 11:35

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 / (856) 786-5974

<http://www.emsl.com>cinnaslab@EMSL.com

EMSL Order: 041205325

CustomerID: KASI62

CustomerPO: 509110229

ProjectID:

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

Phone: (802) 383-0486
 Fax: (802) 383-0490
 Received: 03/01/12 9:30 AM
 Analysis Date: 3/19/2012
 Collected: 2/22/2012

Project: 23 Maryland St

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
23MS1- Shingle Green 041205325-0001	Roof - roofing-composite	Black/Green Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected
23MS1-Shingle Tan 041205325-0001A	Roof - roofing-composite	Tan/Black Non-Fibrous Heterogeneous	25% Glass	75% Non-fibrous (other)	None Detected
23MS1-Shingle Black 041205325-0001B	Roof - roofing-composite	Black Non-Fibrous Heterogeneous	25% Glass	75% Non-fibrous (other)	None Detected
23MS2-Shingle Green 041205325-0002	Roof - roofing-composite	Black/Green Fibrous Heterogeneous	25% Cellulose	75% Non-fibrous (other)	None Detected
23MS2-Shingle Tan 041205325-0002A	Roof - roofing-composite	Tan/Black Fibrous Heterogeneous	25% Glass	75% Non-fibrous (other)	None Detected
23MS3-green shingle 041205325-0003	Roof - roofing-composite	Black/Green Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected
23MS3-tan shingle 041205325-0003A	Roof - roofing-composite	Tan/Black Fibrous Heterogeneous	25% Glass	75% Non-fibrous (other)	None Detected

Analyst(s)

Erica Valent (25)

Leslie McCluskey (11)

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

Initial report from 03/19/2012 11:39:45



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Phone/Fax: (800) 220-3675 / (856) 786-5974

<http://www.emsl.com>

cinnaslab@EMSL.com

EMSL Order: 041205325

CustomerID: KASI62

CustomerPO: 509110229

ProjectID:

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

Phone: (802) 383-0486
Fax: (802) 383-0490
Received: 03/01/12 9:30 AM
Analysis Date: 3/19/2012
Collected: 2/22/2012

Project: 23 Maryland St

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
23MS4-tile 041205325-0004	Basement - red/ white FT	Red Non-Fibrous Heterogeneous		100% Non-fibrous (other)	<1% Chrysotile
Highly recommend TEM					
23MS4-mastic 041205325-0004A	Basement - mastic	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
23MS4-Floor Tile 041205325-0004B	Basement - mastic	White Non-Fibrous Heterogeneous		98% Non-fibrous (other)	2% Chrysotile
23MS4-Mastic 041205325-0004C	Basement - mastic	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
23MS5-tile 041205325-0005	Basement - red/ white FT	Red Non-Fibrous Heterogeneous		100% Non-fibrous (other)	<1% Chrysotile
Highly recommend TEM					
23MS5-mastic 041205325-0005A	Basement - mastic	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
23MS5-Floor Tile 041205325-0005B	Basement - mastic				Stop Positive (Not Analyzed)

Analyst(s)

Erica Valent (25)

Leslie McCluskey (11)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

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Received: 03/01/12 9:30 AM
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Project: 23 Maryland St

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
23MS5-Mastic 041205325-0005C	Basement - mastic	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
23MS6-tile 041205325-0006	Basement - red/ white FT	Red Non-Fibrous Heterogeneous		100% Non-fibrous (other)	<1% Chrysotile
Recommend TEM					
23MS6-mastic 041205325-0006A	Basement - mastic	Black/Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
23MS6-Floor Tile 041205325-0006B	Basement - mastic				Stop Positive (Not Analyzed)
23MS6-Mastic 041205325-0006C	Basement - mastic	Black/Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
23MS7-Drywall 041205325-0007	Kitchen - sheetrock & JC	Brown/White Fibrous Heterogeneous	40% Cellulose	60% Non-fibrous (other)	None Detected
23MS7-Joint Compound 041205325-0007A	Kitchen - sheetrock & JC	Cream Non-Fibrous Heterogeneous		98% Non-fibrous (other)	2% Chrysotile

Analyst(s)

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Leslie McCluskey (11)

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Project: 23 Maryland St

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
23MS8-Drywall 041205325-0008	Kitchen - sheetrock & JC	Brown/White Fibrous Heterogeneous	40% Cellulose	60% Non-fibrous (other)	None Detected
23MS8-Joint Compound 041205325-0008A	Kitchen - sheetrock & JC				Stop Positive (Not Analyzed)
23MS9-Drywall 041205325-0009	Kitchen - sheetrock & JC	Brown/Gray Fibrous Heterogeneous	15% Cellulose	85% Non-fibrous (other)	None Detected
23MS9-Joint Compound 041205325-0009A	Kitchen - sheetrock & JC				Stop Positive (Not Analyzed)
23MS10 041205325-0010	Kitchen - sink dampener	Gray Non-Fibrous Heterogeneous	25% Cellulose	75% Non-fibrous (other)	None Detected
23MS11 041205325-0011	Kitchen - sink dampener	Gray Fibrous Heterogeneous	15% Cellulose	85% Non-fibrous (other)	None Detected
23MS12 041205325-0012	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
23MS13 041205325-0013	Attic - blown in insulation	Brown Fibrous Heterogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
23MS14 041205325-0014	Attic - blown in insulation	Brown/Gray Fibrous Heterogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
23MS15 041205325-0015	Livingroom - flooring paper	Brown Fibrous Heterogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
23MS16 041205325-0016	Dining room - flooring paper	Brown Fibrous Heterogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
23MS17 041205325-0017	Upstairs bedroom - flooring paper	Brown/Orange Fibrous Heterogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
23MS18 041205325-0018	2nd floor entry - ceiling paint	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
Paint is negative but joint compound underneath is positive					
23MS19 041205325-0019	2nd floor bedroom - ceiling paint	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
Joint compound is positive					

Analyst(s)

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Leslie McCluskey (11)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

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Initial report from 03/19/2012 11:39:45

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Project: 23 Maryland St

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
23MS20 041205325-0020	2nd floor bedroom - ceiling paint	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
Paint overlays previously sampled asbestos-containing joint compound.					
23MS21-tile 041205325-0021	Basement - brown FT	Brown Non-Fibrous Heterogeneous		90% Non-fibrous (other)	10% Chrysotile
23MS21-mastic 041205325-0021A	Basement - mastic	Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
23MS22-tile 041205325-0022	Basement - brown FT				Stop Positive (Not Analyzed)
23MS22-mastic 041205325-0022A	Basement - mastic	Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
23MS23-tile 041205325-0023	Basement - brown FT				Stop Positive (Not Analyzed)
23MS23-mastic 041205325-0023A	Basement - mastic	Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

CERT.-PB647790(EV) CERT.- PB080781(LM)

Analyst(s)

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Leslie McCluskey (11)

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Initial report from 03/19/2012 11:39:45



Asbestos Lab Services Chain of Custody

EMSL Order Number (Lab Use Only):

041205325

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** Third Party Billing requires written authorization from third party</small>	
Street: 368 Avenue D, Suite 15 PO Box 787			
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: 23 Maryland St.			
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: Jeremy Roberts Samplers Signature: [Signature]

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
	SEE ATTACHED		

Client Sample # (s): <u>23 m1</u> - <u>23 m23</u>	Total # of Samples: <u>23</u>
Relinquished (Client): <u>[Signature]</u>	Date: <u>2/23/12</u> Time: <u>1403</u>
Received (Lab): <u>[Signature]</u>	Date: <u>3-1-12</u> Time: <u>930A</u>

Comments/Special Instructions:

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

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

041205325

PROJECT NO.: 50910229

SAMPLER: Jeremy Roberts

SIGNATURE: JR

CLIENT: Stantec Consulting Services, Inc.

LOCATION:

55 Green Mountain Drive
 South Burlington, VT 05403

83 Maryland St.
So Burlington, VT

SAMPLE TYPE: Bulk TURNAROUND TIME: routine

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
	1	23MS2	PLM	Roof	Roofing - Composite	~750 sq. ft.	None
	1	23MS3		↓	↓		
	2	23MS4		Basement	Red Wall of FT w/ Metic	300 sq. ft.	None
	2	23MS5		↓	↓		
	2	23MS6		↓	↓		
	3	23MS7		Kitchen	Shedrock + 5c	~1,200 sq. ft.	None
	3	23MS8		↓	↓		
	3	23MS9		↓	↓		
	4	23MS10		Kitchen	Sink Dispenser	~5 sq. ft.	None
	4	23MS11		"	"		
	5	23MS12		Attic	Blown in Insulation	~380 sq. ft.	None

RELINQUISHED BY: [Signature] DATE/TIME: 14/03

RECEIVED BY: [Signature] DATE/TIME: 14/03

- 1) Analyze each homogeneous group to first positive only
- 2) PLM EPA 600-93/116
- 3) Vermont samples
- 4) HA - homogeneous area

1013 MAR -1 A 11:28
 DUNHAM, N.J.

SAMPLES ACCEPTED FOR ANALYSIS BY EMSL ANALYTICAL INC.

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

041205325

PROJECT NO.: 509110229

SAMPLER: Jeremy Roberts

SIGNATURE: [Signature]

CLIENT: Stantec Consulting Services, Inc.

LOCATION:

55 Green Mountain Drive
 South Burlington, VT 05403

23 Maryland St.
 So Burlington, VT

SAMPLE TYPE: Bulk TURNAROUND TIME: routine

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
5	23MS13	2/21/2	PLM	Attic	Blank in insulation	~350 sq ft	None
5	23MS14			"	"	"	"
6	23MS15			Living Room	Flooring Paper	~400 sq ft.	None
6	23MS16			Dining Room			
6	23MS17			upstairs Bedroom			
7	23MS18			2nd Floor Entry	Ceiling Paint	~400 sq ft.	None
7	23MS19			2nd Fl. Bedroom			
7	23MS20			"			
8	23MS21			Basement	Brown ET of Mastic	~350 sq ft.	None
8	23MS22						
8	23MS23						

RELINQUISHED BY: [Signature] DATE/TIME: 2/21/2 RECEIVED BY: [Signature] DATE/TIME: 2/21/2

REINQUISHED BY: [Signature] DATE/TIME: 2/21/2 RECEIVED BY: [Signature] DATE/TIME: 2/21/2

COMMENTS: 1) Analyze each homogeneous group to first positive only
 2) PLM EPA 600-93/116
 3) Vermont samples
 4) HA - homogeneous area

012 MAR - 1 A 11: 28
 CINNAMONSON, N.J.

SAMPLES ACCEPTED FOR ANALYSIS BY EMSL ANALYTICAL INC.



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 / (856) 786-5974

<http://www.emsl.com>

cinnaslab@EMSL.com

EMSL Order: 041205316

CustomerID: KASI62

CustomerPO: 509110229

ProjectID:

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

Phone: (802) 383-0486
Fax: (802) 383-0490
Received: 03/01/12 9:30 AM
Analysis Date: 3/19/2012
Collected: 1/19/2012

Project: 2 Patrick St

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
2P1-shingles 041205316-0001	Garage roof - shingles	Brown/Black Fibrous Heterogeneous	40% Cellulose	60% Non-fibrous (other)	None Detected
2P1-tar paper 041205316-0001A	Garage roof - tar paper	Black Fibrous Heterogeneous	75% Cellulose	25% Non-fibrous (other)	None Detected
2P2-shingles 041205316-0002	Garage roof - shingles	Brown/Black Fibrous Heterogeneous	40% Cellulose	60% Non-fibrous (other)	None Detected
2P2-tar paper 041205316-0002A	Garage roof - tar paper	Black Fibrous Heterogeneous	75% Cellulose	25% Non-fibrous (other)	None Detected
2P3-shingles 041205316-0003	Garage roof - shingles	Red/Black Fibrous Heterogeneous	35% Cellulose	65% Non-fibrous (other)	None Detected
2P3-tar paper 041205316-0003A	Garage roof - tar paper	Black Fibrous Heterogeneous	75% Cellulose	25% Non-fibrous (other)	None Detected
2P4 041205316-0004	Kitch floor - sheet flr no mastic	Brown/Cream Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

Leslie McCluskey (12)

Melissa Klinedinst (22)

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

Initial report from 03/19/2012 11:44:50

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 / (856) 786-5974

<http://www.emsl.com>cinnaslab@EMSL.com

EMSL Order: 041205316

CustomerID: KASI62

CustomerPO: 509110229

ProjectID:

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

Phone: (802) 383-0486
 Fax: (802) 383-0490
 Received: 03/01/12 9:30 AM
 Analysis Date: 3/19/2012
 Collected: 1/19/2012

Project: 2 Patrick St

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
2P5 041205316-0005	Kitch floor - sheet flr no mastic	Brown/Cream Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
2P6 041205316-0006	Kitch floor - sheet flr no mastic	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
2P7 041205316-0007	Bathroom floor - sheet flr no mastic	Cream Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
2P8 041205316-0008	Bathroom floor - sheet flr no mastic	Cream Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
2P9 041205316-0009	Bathroom floor - sheet flr no mastic	Cream Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
2P10 041205316-0010	Ceiling - textured paint	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
2P11 041205316-0011	Ceiling - textured paint	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

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Melissa Klinedinst (22)

Stephen Siegel, CIH, Laboratory Manager
 or other approved signatory

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EMSL Order: 041205316

CustomerID: KASI62

CustomerPO: 509110229

ProjectID:

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

Phone: (802) 383-0486
Fax: (802) 383-0490
Received: 03/01/12 9:30 AM
Analysis Date: 3/19/2012
Collected: 1/19/2012

Project: 2 Patrick St

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
2P12 041205316-0012	Ceiling - textured paint	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
2P13-Sheetrock 041205316-0013	Basement hallway - sheetrock/ joint compound	Brown/Gray Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
2P13-Joint Compound 041205316-0013A	Basement hallway - sheetrock/ joint compound	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
2P14-Sheetrock 041205316-0014	Livingroom wall - sheetrock/ joint compound	Brown/Gray Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
2P14-Joint Compound 041205316-0014A	Livingroom wall - sheetrock/ joint compound	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
2P15-Sheetrock 041205316-0015	Bedroom wall - sheetrock/ joint compound	Brown/Gray Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
2P15-Joint Compound 041205316-0015A	Bedroom wall - sheetrock/ joint compound	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

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Melissa Klinedinst (22)

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

Initial report from 03/19/2012 11:44:50

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Phone/Fax: (800) 220-3675 / (856) 786-5974

<http://www.emsl.com>cinnaslab@EMSL.com

EMSL Order: 041205316

CustomerID: KASI62

CustomerPO: 509110229

ProjectID:

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

Phone: (802) 383-0486
 Fax: (802) 383-0490
 Received: 03/01/12 9:30 AM
 Analysis Date: 3/19/2012
 Collected: 1/19/2012

Project: 2 Patrick St

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
2P16-Sheetrock 041205316-0016	Bedroom wall - sheetrock/ joint compound	Brown/Gray Fibrous Heterogeneous	15% Cellulose	85% Non-fibrous (other)	None Detected
2P16-Joint Compound 041205316-0016A	Bedroom wall - sheetrock/ joint compound	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
2P17-Sheetrock 041205316-0017	Bathroom wall - sheetrock/ joint compound	Brown/Gray Fibrous Heterogeneous	15% Cellulose	85% Non-fibrous (other)	None Detected
2P17-Joint Compound 041205316-0017A	Bathroom wall - sheetrock/ joint compound	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
2P18-Shingle 041205316-0018	Roof - roofing mat. Layers	Black Fibrous Heterogeneous	40% Cellulose	60% Non-fibrous (other)	None Detected
2P18-Tar Paper 041205316-0018A	Roof - roofing mat. Layers	Black Fibrous Heterogeneous	75% Cellulose	25% Non-fibrous (other)	None Detected
2P19-Shingle 041205316-0019	Roof - roofing mat. Layers	Black Fibrous Heterogeneous	40% Cellulose	60% Non-fibrous (other)	None Detected

Analyst(s)

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Melissa Klinedinst (22)

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

Initial report from 03/19/2012 11:44:50



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (800) 220-3675 / (856) 786-5974
<http://www.emsl.com> cinnaslab@EMSL.com

EMSL Order: 041205316
CustomerID: KASI62
CustomerPO: 509110229
ProjectID:

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

Phone: (802) 383-0486
Fax: (802) 383-0490
Received: 03/01/12 9:30 AM
Analysis Date: 3/19/2012
Collected: 1/19/2012

Project: 2 Patrick St

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
2P19-Tar Paper 041205316-0019A	Roof - roofing mat. Layers	Black Fibrous Heterogeneous	75% Cellulose	25% Non-fibrous (other)	None Detected
2P20-Shingle 041205316-0020	Roof - roofing mat. Layers	Black Fibrous Heterogeneous	35% Cellulose	65% Non-fibrous (other)	None Detected
2P20-Tar Paper 041205316-0020A	Roof - roofing mat. Layers	Black Fibrous Heterogeneous	70% Cellulose	30% Non-fibrous (other)	None Detected
2P21 041205316-0021	Exterior windows - window caulk	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
2P22 041205316-0022	Exterior windows - window caulk	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
2P23 041205316-0023	Exterior windows - window caulk	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

CERT.-PB067920 (MK)-CERT.-PB080781 (LM)

Analyst(s)

Leslie McCluskey (12)
Melissa Klinedinst (22)

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

Initial report from 03/19/2012 11:44:50



Asbestos Lab Services Chain of Custody

EMSL Order Number (Lab Use Only):

041205316

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**	
Street: 368 Avenue D, Suite 15 PO Box 787		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 Patrick St.			
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	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 - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)
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 - 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	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)

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

Client Sample # (s): <u>2 P 1</u> - <u>2 P 2 3</u>	Total # of Samples: <u>23</u>
Relinquished (Client): <u>[Signature]</u>	Date: <u>2/27/12</u> Time: <u>1105</u>
Received (Lab): <u>[Signature]</u>	Date: <u>3-1-12</u> Time: <u>930A</u>

Comments/Special Instructions:

236

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

041205316

PROJECT NO.: 5091102229

SAMPLER: R. Schuyler

SIGNATURE: [Signature]

CLIENT: Stantec Consulting Services, Inc.

LOCATION:

55 Green Mountain Drive

20 PARK STREET

South Burlington, VT 05403

SOUTH BURLINGTON, VT 05403

SAMPLE TYPE: Bulk TURNAROUND TIME: routine

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
1	2P1	1/11/12	PLM	GARAGE ROOF	Shingles/Jean Paper	160 sqft	none
1	2P2						
1	2P3						
2	2P4			KITCH FLOOR	Sheet Flr nonasitic	184 sqft	none
2	2P5						
2	2P6						
3	2P7			Bathroom Floor	Sheet Flr nonasitic	~60 sqft	none
3	2P8						
3	2P9				Textured paint		
4	2P10			Ceiling	TEXTURED PAINT	~900 sqft	none
4	2P11						
4	2P12						

RELINQUISHED BY: [Signature] DATE/TIME: 12/18/05

RECEIVED BY: [Signature] DATE/TIME: 2012 MAR - 1

COMMENTS:
 1) Analyze each homogeneous group to first positive only
 2) PLM EPA 600-93/116
 3) Vermont samples
 4) HA - homogeneous area

2012 MAR - 1 12:39

STANTEC CONSULTING SERVICES, INC.

FOR ANALYSIS BY
 ANALYTICAL INC.

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

041205316

PROJECT NO.: 56910229 SAMPLER: P. SCHUYLER SIGNATURE: 

CLIENT: Stantec Consulting Services, Inc. LOCATION: _____

55 Green Mountain Drive 2 PATRICK STREET

South Burlington, VT 05403 SOUTH BURLINGTON VT 05403

SAMPLE TYPE: Bulk TURNAROUND TIME: routine

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
	5 2P13	10/12	PLM	Basement hallway	Sheetrock / Joint compound	~2500 sq ft	none
	5 2P14			Living Room wall			
	5 2P15			Bedroom wall			
	5 2P16			Bedroom wall			
	5 2P17			Bathroom wall			
	6 2P18			Roof ing	Roofing mat. layers	~1800 sq ft	none
	6 2P19						
	6 2P20						
	7 2P21			EXTERIOR / Stairway Windows	Window caulking	~120 sq ft	none
	7 2P22						
	7 2P23						

RELINQUISHED BY:  DATE/TIME: 10/12 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
 - 3) Vermont samples
 - 4) HA - homogeneous area

RECEIVED
 10/12 MAR 12 12:39
 ENVIRONMENTAL ANALYTICAL INC.
 VERMONT ASBESTOS CONSULTING ENTITY



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (800) 220-3675 / (856) 786-5974
<http://www.emsl.com> cinnaslab@EMSL.com

EMSL Order: 041205310
CustomerID: KASI62
CustomerPO: 509110229
ProjectID:

Attn: **Peter Schuyler**
KAS, Inc.
PO Box 787
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Williston, VT 05495

Phone: (802) 383-0486
Fax: (802) 383-0490
Received: 03/01/12 9:30 AM
Analysis Date: 3/15/2012
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Project: 6 Patrick St

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
6P1-Sheet Flooring 041205310-0001	Kitchen - sheet flooring & floor tiles & 2 layers	Tan/White Fibrous Heterogeneous	10% Glass	90% Non-fibrous (other)	None Detected
6P1-Backing 041205310-0001A	Kitchen - sheet flooring & floor tiles & 2 layers	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
6P1-Floor Tile 041205310-0001B	Kitchen - sheet flooring & floor tiles & 2 layers	White/Cream Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
6P1-Mastic 041205310-0001C	Kitchen - sheet flooring & floor tiles & 2 layers	Yellow/Clear Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
6P2-Sheet Flooring 041205310-0002	Kitchen - sheet flooring & floor tiles & 2 layers	Tan/White Fibrous Heterogeneous	8% Glass	92% Non-fibrous (other)	None Detected
6P2-Backing 041205310-0002A	Kitchen - sheet flooring & floor tiles & 2 layers	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
6P2-Floor Tile 041205310-0002B	Kitchen - sheet flooring & floor tiles & 2 layers	White/Cream Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

Frank Dicrescenzo (21)
Juli Patel (41)

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
6P2-Mastic 041205310-0002C	Kitchen - sheet flooring & floor tiles & 2 layers	Yellow/Clear Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
6P3-Sheet Flooring 041205310-0003	Kitchen - sheet flooring & floor tiles & 2 layers	Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
6P3-Backing 041205310-0003A	Kitchen - sheet flooring & floor tiles & 2 layers	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
6P3-Floor Tile 041205310-0003B	Kitchen - sheet flooring & floor tiles & 2 layers	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
6P3-Mastic 041205310-0003C	Kitchen - sheet flooring & floor tiles & 2 layers	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
6P4-tile 041205310-0004	Livingroom - floor tile	Brown Fibrous Heterogeneous		90% Non-fibrous (other)	10% Chrysotile
6P4-mastic 041205310-0004A	Livingroom - mastic	Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
6P5-tile 041205310-0005	Livingroom - floor tile				Stop Positive (Not Analyzed)
6P5-mastic 041205310-0005A	Livingroom - mastic	Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
6P6-tile 041205310-0006	Closet - floor tile				Stop Positive (Not Analyzed)
6P6-mastic 041205310-0006A	Closet - mastic	Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
6P7 041205310-0007	Kitchen - cove base mastic	Cream Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
6P8 041205310-0008	Kitchen - cove base mastic	Cream Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
6P9 041205310-0009	Kitchen - cove base mastic	Cream Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
6P10 041205310-0010	Hallway walls - paper wall-board	Gray/Tan Fibrous Heterogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
6P11 041205310-0011	Bathroom wall - paper wall-board	Gray/Tan Fibrous Heterogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
6P12 041205310-0012	Bedroom wall - paper wall-board	Gray Fibrous Heterogeneous	80% Cellulose	20% Non-fibrous (other)	None Detected
6P13-Sheetrock 041205310-0013	Walls/ ceiling addition - sheetrock/ JC	Brown/White Non-Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
6P13-Joint Compound 041205310-0013A	Walls/ ceiling addition - sheetrock/ JC	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
6P14-Sheetrock 041205310-0014	Walls/ ceiling addition - sheetrock/ JC	Brown/White Fibrous Heterogeneous	15% Cellulose	85% Non-fibrous (other)	None Detected
6P14-Joint Compound 041205310-0014A	Walls/ ceiling addition - sheetrock/ JC	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
6P15-Sheetrock 041205310-0015	Walls/ ceiling addition - sheetrock/ JC	Gray Non-Fibrous Heterogeneous	15% Cellulose	85% Non-fibrous (other)	None Detected
6P15-Joint Compound 041205310-0015A	Walls/ ceiling addition - sheetrock/ JC	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
6P16 041205310-0016	Livingroom ceiling - textured paint	White/Cream Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
6P17 041205310-0017	Livingroom ceiling - textured paint	White/Cream Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
6P18 041205310-0018	Hall ceiling - textured paint	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
6P19 041205310-0019	Garage windows - window glaze	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
RECOMMEND TEM					
6P20 041205310-0020	Garage windows - window glaze	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
RECOMMEND TEM					

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
6P21 041205310-0021	Garage windows - window glaze	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
6P22-Shingle 1 041205310-0022	Garage roof - roofing layered	White/Black Fibrous Heterogeneous	20% Glass 10% Cellulose	70% Non-fibrous (other)	None Detected
6P22-Shingle 2 041205310-0022A	Garage roof - roofing layered	Brown/Black Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
6P22-Felt 041205310-0022B	Garage roof - roofing layered	Black Fibrous Heterogeneous	70% Cellulose	30% Non-fibrous (other)	None Detected
6P23-Shingle 1 041205310-0023	Garage roof - roofing layered	White/Black Fibrous Heterogeneous	15% Glass	85% Non-fibrous (other)	None Detected
6P23-Shingle 041205310-0023A	Garage roof - roofing layered	Brown/Black Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
6P23-Felt 041205310-0023B	Garage roof - roofing layered	Black Fibrous Heterogeneous	65% Cellulose	35% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
6P24-Brown Shingle 041205310-0024	Garage roof - roofing layered	Brown/Black Non-Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
6P24-White Shingle 041205310-0024A	Garage roof - roofing layered	White/Black Fibrous Heterogeneous	15% Glass	85% Non-fibrous (other)	None Detected
6P24-Roof Felt 041205310-0024B	Garage roof - roofing layered	Black Fibrous Heterogeneous	50% Cellulose	50% Non-fibrous (other)	None Detected
6P25-Shingle 1 041205310-0025	Addition roof - roofing materials layers	White/Black Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
6P25-Shingle 2 041205310-0025A	Addition roof - roofing materials layers	Various/Black Fibrous Heterogeneous	25% Cellulose	75% Non-fibrous (other)	None Detected
6P26-Shingle 1 041205310-0026	Addition roof - roofing materials layers	White/Black Fibrous Heterogeneous	25% Cellulose	75% Non-fibrous (other)	None Detected
6P26-Shingle 2 041205310-0026A	Addition roof - roofing materials layers	Various/Black Fibrous Heterogeneous	25% Cellulose	75% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
6P27-Brown Shingle 041205310-0027	Addition roof - roofing materials layers	Brown/Black Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
6P27-White Shingle 041205310-0027A	Addition roof - roofing materials layers	White/Black Non-Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
6P27-Roof Felt 041205310-0027B	Addition roof - roofing materials layers	Brown/Black Fibrous Heterogeneous	50% Cellulose	50% Non-fibrous (other)	None Detected
6P28-Shingle 1 041205310-0028	House roof - layered roofing	White/Black Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
6P28-Shingle 2 041205310-0028A	House roof - layered roofing	Black Fibrous Heterogeneous	25% Cellulose	75% Non-fibrous (other)	None Detected
6P28-Felt 041205310-0028B	House roof - layered roofing	Black Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
6P29-Shingle 1 041205310-0029	House roof - layered roofing	White/Black Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected

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			% Fibrous	% Non-Fibrous	% Type
6P29-Shingle 2 041205310-0029A	House roof - layered roofing	Various/Black Fibrous Heterogeneous	15% Cellulose	85% Non-fibrous (other)	None Detected
6P29-Felt 041205310-0029B	House roof - layered roofing	Black Fibrous Heterogeneous	70% Cellulose	30% Non-fibrous (other)	None Detected
6P30-Brown Shingle 041205310-0030	House roof - layered roofing	Brown/Black Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
6P30-White Shingle 041205310-0030A	House roof - layered roofing	White/Black Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
6P30-Roof Felt 041205310-0030B	House roof - layered roofing	Brown/Black Fibrous Heterogeneous	50% Cellulose	50% Non-fibrous (other)	None Detected
6P31 041205310-0031	House siding - tar paper	Black Fibrous Heterogeneous	75% Cellulose	25% Non-fibrous (other)	None Detected
6P32 041205310-0032	House siding - tar paper	Black Fibrous Heterogeneous	70% Cellulose	30% Non-fibrous (other)	None Detected

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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

Initial report from 03/15/2012 15:26:37



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (800) 220-3675 / (856) 786-5974
<http://www.emsl.com> cinnaslab@EMSL.com

EMSL Order: 041205310
CustomerID: KASI62
CustomerPO: 509110229
ProjectID:

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

Phone: (802) 383-0486
Fax: (802) 383-0490
Received: 03/01/12 9:30 AM
Analysis Date: 3/15/2012
Collected: 1/19/2012

Project: 6 Patrick St

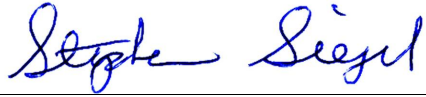
Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
6P33 041205310-0033	House siding - tar paper	Brown/Black Fibrous Heterogeneous	50% Cellulose	50% Non-fibrous (other)	None Detected

VT Cert #PB091886 (JP) #PB091486 (FD)

Analyst(s)

Frank Dicrescenzo (21)
Juli Patel (41)



Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

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Initial report from 03/15/2012 15:26:37



Asbestos Lab Services Chain of Custody

EMSL Order Number (Lab Use Only):

041205310

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: 368 Avenue D, Suite 15 PO Box 787			
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: 6 Patrick St.			
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		2012 MAR - 1 A 11:26

Client Sample # (s): <u>6 P1</u> - <u>6 P33</u>	Total # of Samples: <u>33</u>
Relinquished (Client): <u>[Signature]</u>	Date: <u>2/27/12</u> Time: <u>1105</u>
Received (Lab): <u>DWB-AX</u>	Date: <u>3-1-12</u> Time: <u>930A</u>

Comments/Special Instructions:

033b

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

041205310

PROJECT NO.: 509110229

SAMPLER: P. Schuyler

SIGNATURE: 

CLIENT: Stantec Consulting Services, Inc.

LOCATION:

55 Green Mountain Drive
 South Burlington, VT 05403

6 PATRICK STREET
 SOUTH BURLINGTON, VT 05403

SAMPLE TYPE: Bulk TURNAROUND TIME: routine

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
1	6P1	1/19/12	PLM	Kitchen	Sheet Flooring + 2 Layer + Floor tiles	~100 sq ft	none
1	6P2						
1	6P3			Living Room	Floor tile/mastic	~700 sq ft	none
2	6P4						
2	6P5			closet			
2	6P6			Kitchen	Cove Base mastic	16 LFT	none
3	6P7						
3	6P8						
3	6P9			hallway walls	Paper wall-board	~1500 sq ft	none
4	6P10			Bathroom wall			
4	6P11			Bedroom wall			
4	6P12						

RELINQUISHED BY:  DATE/TIME: 2/11/13 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
 - 3) Vermont samples
 - 4) HA - homogeneous area


SAMPLES ACCEPTED FOR ANALYSIS BY _____ ANALYTICAL INC.

012 MAR -1 A 11:26

CINNAMONSON, M.J.

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

041205310

PROJECT NO.: 509110229 SAMPLER: Steve Swarler SIGNATURE: 

CLIENT: Stantec Consulting Services, Inc. LOCATION: 6 PATRICK STREET


55 Green Mountain Drive

South Burlington, VT 05403

SOUTH BURLINGTON, VT 05403

SAMPLE TYPE: Bulk TURNAROUND TIME: routine

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
5	6P13	1/12/12	PLM	Walls/ceiling	Asbestos	Sheetrock/IC	~410 sq ft none
5	6P14						
5	6P15						
6	6P16			Living Room Ceiling	textured paint	~200 sq ft	none
6	6P17			Hall Ceiling			
6	6P18			Garage Windows	Window glaze	sluff	Significant
7	6P19						
7	6P20						
7	6P21						
8	6P22			Garage Roof	Roofing layered	410 sq ft	none
8	6P23						
8	6P24						

RELINQUISHED BY:  DATE/TIME: 1/12/12 RECEIVED BY: _____ DATE/TIME: _____


- COMMENTS:
- 1) Analyze each homogeneous group to first positive only
 - 2) PLM EPA 600-93/116
 - 3) Vermont samples
 - 4) HA - homogeneous area

SAMPLES ACCEPTED FOR ANALYSIS BY KSI ANALYTICAL INC

2012 MAR -1 A 11: 26
 CINNAMONSON, N.J.

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

041205310


PROJECT NO.: 509110229 SAMPLER: P. Schuyler SIGNATURE: 

CLIENT: Stantec Consulting Services, Inc. LOCATION: 6 Patrick Street

55 Green Mountain Drive
South Burlington, VT 05403
SOUTH BURLINGTON, VT 05403

SAMPLE TYPE: Bulk TURNAROUND TIME: routine

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
9	GP-25	1/19/12	PLM	addition Roof	Roofing materials layers	~250 sq ft	none
9	GP-26						
9	GP-27						
10	GP-28			house Roof	Layered Roofing	1000 sq ft	none
10	GP-29						
10	GP-30						
11	GP-31			house e-siding	Tar Paper	~950 sq ft	none
11	GP-32						
11	GP-33						

RELINQUISHED BY:  DATE/TIME: 2/11/12 RECEIVED BY: _____ DATE/TIME: _____

REMARKS: 1) Analyze each homogeneous group to first positive only
2) PLM EPA 600-93/116
3) Vermont samples
4) HA - homogeneous area

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2012 MAR - 1 A 11: 26

CINNAMON, N.J.

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 / (856) 786-5974

<http://www.emsl.com>cinnaslab@EMSL.com

EMSL Order: 041205249

CustomerID: KASI62

CustomerPO: 509110229

ProjectID:

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

Phone: (802) 383-0486
 Fax: (802) 383-0490
 Received: 03/01/12 9:30 AM
 Analysis Date: 3/14/2012
 Collected: 2/22/2012

Project: **392 White St.**

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
392W1 041205249-0001	Roof - roofing tar paper	Black Non-Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
392W2 041205249-0002	Roof - roofing tar paper	Black Non-Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
392W3 041205249-0003	Roof - roofing tar paper	Black Non-Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
392W4 041205249-0004	Kitchen - vinyl flooring	Tan Fibrous Homogeneous		80% Non-fibrous (other)	20% Chrysotile
392W5 041205249-0005	Kitchen - vinyl flooring				Stop Positive (Not Analyzed)
392W6 041205249-0006	Kitchen - vinyl flooring				Stop Positive (Not Analyzed)
392W7-Sheetrock 041205249-0007	Livingroom - sheetrock & JC	Gray Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected

Analyst(s)

Nancy Stalter (11)

Phong Nguyen (29)

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

Initial report from 03/14/2012 06:58:44



EMSL Analytical, Inc.

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Phone: (802) 383-0486
Fax: (802) 383-0490
Received: 03/01/12 9:30 AM
Analysis Date: 3/14/2012
Collected: 2/22/2012

Project: **392 White St.**

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
392W7-Joint Compound 041205249-0007A	Livingroom - sheetrock & JC	Tan/White Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
392W8-Sheetrock 041205249-0008	Bedroom - sheetrock & JC	Gray Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
392W8-Joint Compound 041205249-0008A	Bedroom - sheetrock & JC				Stop Positive (Not Analyzed)
392W9-Sheetrock 041205249-0009	Bedroom - sheetrock & JC	Tan/White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
392W9-Joint Compound 041205249-0009A	Bedroom - sheetrock & JC				Stop Positive (Not Analyzed)
392W10 041205249-0010	Kitchen - sink dampener	Black Non-Fibrous Homogeneous		85% Non-fibrous (other)	15% Chrysotile
392W11 041205249-0011	Kitchen - sink dampener				Stop Positive (Not Analyzed)

Analyst(s)

Nancy Stalter (11)
Phong Nguyen (29)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

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Fax: (802) 383-0490
Received: 03/01/12 9:30 AM
Analysis Date: 3/14/2012
Collected: 2/22/2012

Project: **392 White St.**

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
392W 12 041205249-0012	Basement - window glaze	Gray/Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
392W 13 041205249-0013	Basement - window glaze	Gray/Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
392W 14 041205249-0014	Basement - window glaze	Gray/Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
392W 15 041205249-0015	Basement - ceiling tile	Brown Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (other)	None Detected
392W 16 041205249-0016	Basement - ceiling tile	Brown Fibrous Homogeneous	99% Cellulose	1% Non-fibrous (other)	None Detected
392W 17 041205249-0017	Basement - ceiling tile	Brown Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (other)	None Detected
392W 18 041205249-0018	Livingroom - flooring paper	Brown Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected

Analyst(s)

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Phong Nguyen (29)

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Project: **392 White St.**

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
392W19 041205249-0019	Bedroom - flooring paper	Brown Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (other)	None Detected
392W20 041205249-0020	Bedroom - flooring paper	Brown Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (other)	None Detected
392W21-Linoleum 041205249-0021	Basement-counter top - linoleum w/ mastic	Gray Non-Fibrous Homogeneous		75% Non-fibrous (other)	25% Chrysotile
392W21-Mastic 041205249-0021A	Basement-counter top - linoleum w/ mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
392W22-Linoleum 041205249-0022	Basement-counter top - linoleum w/ mastic				Stop Positive (Not Analyzed)
392W22-Mastic 041205249-0022A	Basement-counter top - linoleum w/ mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
392W23-Linoleum 041205249-0023	Basement-counter top - linoleum w/ mastic				Stop Positive (Not Analyzed)

Analyst(s)

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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
392W23-Mastic 041205249-0023A	Basement-counter top - linoleum w/ mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
392W24 041205249-0024	Exterior - tar paper-siding	Black Non-Fibrous Homogeneous	70% Cellulose	30% Non-fibrous (other)	None Detected
392W25 041205249-0025	Exterior - tar paper-siding	Black Non-Fibrous Homogeneous	75% Cellulose	25% Non-fibrous (other)	None Detected
392W26 041205249-0026	Exterior - tar paper-siding	Black Non-Fibrous Homogeneous	75% Cellulose	25% Non-fibrous (other)	None Detected
392W27 041205249-0027	Apartment - sheetrock	Gray Non-Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (other)	None Detected
392W28 041205249-0028	Apartment - sheetrock	Gray Non-Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (other)	None Detected
392W29 041205249-0029	Apartment - sheetrock	Gray Non-Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (other)	None Detected

Analyst(s)

Nancy Stalter (11)

Phong Nguyen (29)

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or other approved signatory

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CustomerID: KASI62

CustomerPO: 509110229

ProjectID:

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

Phone: (802) 383-0486
 Fax: (802) 383-0490
 Received: 03/01/12 9:30 AM
 Analysis Date: 3/14/2012
 Collected: 2/22/2012

Project: **392 White St.**

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
392W30 041205249-0030	Apartment-bathroom - linoleum floor	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
392W31 041205249-0031	Apartment-bathroom - linoleum floor	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
392W32 041205249-0032	Apartment-bathroom - linoleum floor	Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
392W33 041205249-0033	Apartment-kitchen - sink dampener	Black Non-Fibrous Homogeneous		94% Non-fibrous (other)	6% Chrysotile
392W34 041205249-0034	Apartment-kitchen - sink dampener				Stop Positive (Not Analyzed)
392W35 041205249-0035	Exterior porch - porch roofing	Black Non-Fibrous Homogeneous	15% Cellulose	83% Non-fibrous (other)	2% Chrysotile
392W36 041205249-0036	Exterior porch - porch roofing				Stop Positive (Not Analyzed)

Analyst(s)

Nancy Stalter (11)

Phong Nguyen (29)

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

Initial report from 03/14/2012 06:58:44



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (800) 220-3675 / (856) 786-5974
<http://www.emsl.com> cinnaslab@EMSL.com

EMSL Order: 041205249
CustomerID: KASI62
CustomerPO: 509110229
ProjectID:

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
392W37 041205249-0037	Exterior porch - porch roofing				Stop Positive (Not Analyzed)
392W38 041205249-0038	Attic - blown in insulation	Gray Fibrous Homogeneous	99% Cellulose	1% Non-fibrous (other)	None Detected
392W39 041205249-0039	Attic - blown in insulation	Gray Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
392W40 041205249-0040	Attic - blown in insulation	Gray Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (other)	None Detected
392W41 041205249-0041	Shed roof - roofing material	Black Non-Fibrous Homogeneous		90% Non-fibrous (other)	10% Chrysotile
392W42 041205249-0042	Shed roof - roofing material				Stop Positive (Not Analyzed)
392W43 041205249-0043	Shed roof - roofing material				Stop Positive (Not Analyzed)

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Phong Nguyen (29)

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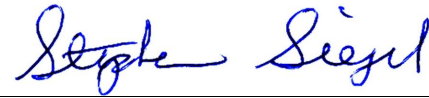
Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
392W44 041205249-0044	Shed roof - tar paper	Black Fibrous Homogeneous	65% Cellulose	35% Non-fibrous (other)	None Detected
392W45 041205249-0045	Shed roof - tar paper	Black Non-Fibrous Homogeneous	70% Cellulose	30% Non-fibrous (other)	None Detected
392W46 041205249-0046	Shed roof - tar paper	Black Fibrous Homogeneous	65% Cellulose	35% Non-fibrous (other)	None Detected

Cert.# PB042487 (PN) & PB548328 (NS)

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Initial report from 03/14/2012 06:58:44



Asbestos Lab Services Chain of Custody

EMSL Order Number (Lab Use Only):

041205249

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** Third Party Billing requires written authorization from third party</small>	
Street: 368 Avenue D, Suite 15 PO Box 787			
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: 392 White St.			
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: Jeremy Roberts Samplers Signature: [Signature]

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
	<u>see attached</u>		<u>2012 MAR -1 A 11:34</u>

Client Sample # (s): <u>392 w/1</u> - <u>392 w/46</u> Total # of Samples: <u>46</u>
Relinquished (Client): <u>[Signature]</u> Date: <u>2/23/12</u> Time: <u>1400</u>
Received (Lab): <u>[Signature]</u> Date: <u>3-1-12</u> Time: <u>930A</u>

Comments/Special Instructions:

466

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

041205249

PROJECT NO.: 509110229 SAMPLER: Jeremy Roberts SIGNATURE: [Signature]

CLIENT: Stantec Consulting Services, Inc. LOCATION: 398 White Street

55 Green Mountain Drive

South Burlington, VT 05403 So Burlington, VT

SAMPLE TYPE: Bulk TURNAROUND TIME: routine

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
1	392W1	2/21/12	PLM	Roof	Roofing Tar Paper	1,500 sq. ft.	None
1	392W2						
1	392W3						
2	392W4			Kitchen	Vinyl Flooring	100 sq. ft.	None
2	392W5			"			
2	392W6			"			
3	392W7			Living Room	Sheetrock + JC	1,500 sq. ft.	None
3	392W8			Bedroom			
3	392W9			Bedroom			
4	392W10			Kitchen	Sink Damper	15 sq. ft.	None
4	392W11			"			
5	392W12			Basement	Window Glaze	410 lin. ft.	None

RELINQUISHED BY: [Signature] DATE/TIME: 2/21/12 RECEIVED BY: [Signature] DATE/TIME: 2/21/12

RELINQUISHED BY: [Signature] DATE/TIME: 2/21/12 RECEIVED BY: [Signature] DATE/TIMER: 11 A 11: 34

COMMENTS: 1) Analyze each homogeneous group to first positive only
2) PLM EPA 600-93/116
3) Vermont samples
4) HA - homogeneous area

SAMPLES ACCEPTED FOR ANALYSIS BY [Signature] ANALYTICAL INC

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

041205249

PROJECT NO.: 509110229

SAMPLER: Jeremy Roberts

SIGNATURE: JR

CLIENT: Stantec Consulting Services, Inc.

LOCATION:

55 Green Mountain Drive

392 White Street

South Burlington, VT 05403

So. Burlington, VT

SAMPLE TYPE: Bulk

TURNAROUND TIME: routine

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
5	392W13	2/21/12	PLM	Basement	Window Glaze	< 10 sq. ft.	Moderate
	392W14			"	"		
6	392W15			Basement	Ceiling Tile	~500 sq. ft.	None
6	392W16						
6	392W17						
7	392W18			Living Room	Plaster Paper	~750 sq. ft.	None
7	392W19			Bedroom			
7	392W20			Bedroom			
8	392W21			Basement - Countertop	Countertop w/ Mastic	~10 sq. ft.	None
8	392W22						
8	392W23						
9	392W24			Exterior	Tar Paper - Siding	~1500 sq. ft.	None

RELINQUISHED BY: JR
DATE/TIME: 2/23/12
RECEIVED BY: JR
DATE/TIME: 2/23/12

COMMENTS:
1) Analyze each homogeneous group to first positive only
2) PLM EPA 600-93/116
3) Vermont samples
4) HA - homogeneous area

2012 MAR 1 1 A 11: 34
CINNAMON, N.J.

SAMPLES ACCEPTED FOR ANALYSIS BY EMSL ANALYTICAL INC

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

041205249

PROJECT NO.: 50910229

SAMPLER: Jeremy Roberts

SIGNATURE: [Signature]

CLIENT: Stantec Consulting Services, Inc.

LOCATION:

55 Green Mountain Drive

392 White Street

South Burlington, VT 05403

So Burlington, VT

SAMPLE TYPE: Bulk

TURNAROUND TIME:

routine

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
9	392W25	2/22/12	PLM	Exterior	Tar Paper Siding	4,500 sq ft	None
	392W26			"	"		
10	392W27			Apartment	Shedrock	200 sq ft	None
10	392W28						
10	392W29						
11	392W30			Apartment - Bathroom	Linenum Floor	425 sq ft.	Moderate
11	392W31						
11	392W32						
12	392W33			Apartment - Kitchen	Sink Dumpers	45 sq ft.	None
12	392W34			"	"		
13	392W35			Exterior Porch	Porch Roofing	100 sq ft.	None
13	392W36						

RELINQUISHED BY: [Signature]

DATE/TIME: 2/22/12

RECEIVED BY:

DATE/TIME:

- COMMENTS:
- 1) Analyze each homogeneous group to first positive only
 - 2) PLM EPA 600-93/116
 - 3) Vermont samples
 - 4) HA - homogeneous area

SAMPLES ACCEPTED FOR ANALYSIS BY EMSL ANALYTICAL INC

RECEIVED EMSL

2012 MAR - 1 A 11:34

CINNAMINSON, N.J.

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

041205249

PROJECT NO.: 509110229

SAMPLER: Jimmy Roberts

SIGNATURE: [Signature]

CLIENT: Stantec Consulting Services, Inc.

LOCATION: 352 White Street

55 Green Mountain Drive

South Burlington, VT 05403

So Burlington, VT

SAMPLE TYPE: Bulk

TURNAROUND TIME: routine

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
13	3922037	1/22/02	PLM	Exterior Porch	Porch Roofing	100 sq ft	None
14	3922038			Attic	Blown in Insulation	1000 sq ft.	None
14	3922039						
14	3922040						
15	3922041			Shed Roof	Roofing Material	450 sq ft.	None
15	3922042						
15	3922043						
16	3922044			Shed Roof	Tar Paper	4150 sq ft.	None
16	3922045						
16	3922046						

RELINQUISHED BY: [Signature] DATE/TIME: 7/23/02 RECEIVED BY: [Signature] DATE/TIME: 1/00

RELINQUISHED BY: [Signature] DATE/TIME: 7/23/02 RECEIVED BY: [Signature] DATE/TIME: 1/00

COMMENTS: 1) Analyze each homogeneous group to first positive only
 2) PLM EPA 600-93/116
 3) Vermont samples
 4) HA - homogeneous area

1012 MAR -
 CINNAMINSON, N.J.
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EMSL Order: 041205323

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Collected: 1/25/2012

Project: 6 Elizabeth St

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
6E1-Linoleum 041205323-0001	Upstairs bathroom - sheet flooring/ mastic	Gray/White Fibrous Heterogeneous	20% Cellulose 5% Glass	75% Non-fibrous (other)	None Detected
This is a composite result of both vinyl and backing layer					
6E1-Mastic 041205323-0001A	Upstairs bathroom - sheet flooring/ mastic	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
6E2-Linoleum 041205323-0002	Upstairs bathroom - sheet flooring/ mastic	White Fibrous Heterogeneous	20% Cellulose 5% Glass	75% Non-fibrous (other)	None Detected
6E2-Mastic 041205323-0002A	Upstairs bathroom - sheet flooring/ mastic	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
6E3-Linoleum 041205323-0003	Upstairs bathroom - sheet flooring/ mastic	White Non-Fibrous Heterogeneous	20% Cellulose 5% Glass	75% Non-fibrous (other)	None Detected
6E3-Mastic 041205323-0003A	Upstairs bathroom - sheet flooring/ mastic	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
6E4 041205323-0004	Bathroom-2nd story - bathtub caulk	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

Leslie McCluskey (23)

Nancy Stalter (12)

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
6E5 041205323-0005	Bathroom-2nd story - bathtub caulk	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
6E6 041205323-0006	Bathroom-2nd story - bathtub caulk	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
6E7-Drywall 041205323-0007	2nd story bedroom - sheetrock & JC	Brown/Gray Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
6E7-Joint Compound 041205323-0007A	2nd story bedroom - sheetrock & JC	Cream Non-Fibrous Heterogeneous		98% Non-fibrous (other)	2% Chrysotile
6E8-Drywall 041205323-0008	2nd story bathroom - sheetrock & JC	Brown/Gray Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
6E8-Joint Compound 041205323-0008A	2nd story bathroom - sheetrock & JC				Stop Positive (Not Analyzed)
6E9-Drywall 041205323-0009	Livingroom - sheetrock & JC	Brown/Gray Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected

Analyst(s)

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			% Fibrous	% Non-Fibrous	% Type
6E9-Joint Compound 041205323-0009A	Livingroom - sheetrock & JC				Stop Positive (Not Analyzed)
6E10-Linoleum 1 041205323-0010	Kitchen - sheet flooring/ mastic	Red Fibrous Heterogeneous	10% Cellulose	75% Non-fibrous (other)	15% Chrysotile
This is a composite result of vinyl, mastic and backing layer. Mastic is inseparable.					
6E10-Linoleum 2 041205323-0010A	Kitchen - sheet flooring/ mastic	Gray/Various Fibrous Heterogeneous	10% Cellulose	75% Non-fibrous (other)	15% Chrysotile
This is a composite result of vinyl, mastic and backing layer. Mastic is inseparable.					
6E11-Linoleum 1 041205323-0011	Kitchen - sheet flooring/ mastic				Stop Positive (Not Analyzed)
6E11-Linoleum 2 041205323-0011A	Kitchen - sheet flooring/ mastic				Stop Positive (Not Analyzed)
6E12-Linoleum 1 041205323-0012	Kitchen - sheet flooring/ mastic				Stop Positive (Not Analyzed)
6E12-Linoleum 2 041205323-0012A	Kitchen - sheet flooring/ mastic				Stop Positive (Not Analyzed)

Analyst(s)

Leslie McCluskey (23)

Nancy Stalter (12)

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

Initial report from 03/16/2012 06:28:04

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 / (856) 786-5974

<http://www.emsl.com>cinnaslab@EMSL.com

EMSL Order: 041205323

CustomerID: KASI62

CustomerPO: 509110229

ProjectID:

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

Phone: (802) 383-0486
 Fax: (802) 383-0490
 Received: 03/01/12 9:30 AM
 Analysis Date: 3/16/2012
 Collected: 1/25/2012

Project: 6 Elizabeth St

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
6E13 041205323-0013	Livingroom - textured paint	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
6E14 041205323-0014	Livingroom - textured paint	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
6E15 041205323-0015	Livingroom - textured paint	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
6E16-Shingle 041205323-0016	House roof - roofing materials layered	Black Fibrous Heterogeneous	20% Glass	80% Non-fibrous (other)	None Detected
6E16-Felt 041205323-0016A	House roof - roofing materials layered	Black Fibrous Heterogeneous	65% Cellulose	35% Non-fibrous (other)	None Detected
6E17 041205323-0017	House roof - roofing materials layered	Black Non-Fibrous Heterogeneous	20% Glass	80% Non-fibrous (other)	None Detected
Sample is shingle only.					
6E18-Shingle 041205323-0018	House roof - roofing materials layered	Black Fibrous Heterogeneous	20% Glass	80% Non-fibrous (other)	None Detected

Analyst(s)

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Nancy Stalter (12)

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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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200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 / (856) 786-5974

<http://www.emsl.com>

cinnaslab@EMSL.com

EMSL Order: 041205323

CustomerID: KASI62

CustomerPO: 509110229

ProjectID:

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

Phone: (802) 383-0486
Fax: (802) 383-0490
Received: 03/01/12 9:30 AM
Analysis Date: 3/16/2012
Collected: 1/25/2012

Project: **6 Elizabeth St**

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
6E18-Felt 041205323-0018A	House roof - roofing materials layered	Black Fibrous Heterogeneous	65% Cellulose	35% Non-fibrous (other)	None Detected
6E19 041205323-0019	Basement - window caulk	Gray Non-Fibrous Heterogeneous		98% Non-fibrous (other)	2% Chrysotile
6E20 041205323-0020	Basement - window caulk				Stop Positive (Not Analyzed)
6E21 041205323-0021	Basement - window caulk				Stop Positive (Not Analyzed)
6E22 041205323-0022	Basement - chimney packing black	White/Black Non-Fibrous Heterogeneous	1% Cellulose	99% Non-fibrous (other)	None Detected
6E23 041205323-0023	Basement - chimney packing black	White/Black Non-Fibrous Heterogeneous	2% Cellulose	98% Non-fibrous (other)	None Detected
6E24 041205323-0024	Basement - chimney packing white	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	<1% Actinolite

Analyst(s)

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Nancy Stalter (12)

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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

Initial report from 03/16/2012 06:28:04



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Phone/Fax: (800) 220-3675 / (856) 786-5974
<http://www.emsl.com> cinnaslab@EMSL.com

EMSL Order: 041205323
CustomerID: KASI62
CustomerPO: 509110229
ProjectID:

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

Phone: (802) 383-0486
Fax: (802) 383-0490
Received: 03/01/12 9:30 AM
Analysis Date: 3/16/2012
Collected: 1/25/2012

Project: **6 Elizabeth St**

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
6E25 041205323-0025	Basement - chimney packing white	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
Suggest TEM					
6E26 041205323-0026	Bathroom sink - caulk	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
6E27 041205323-0027	Bathroom sink - caulk	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
6E28 041205323-0028	Bathroom bathtub - caulk	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
6E29 041205323-0029	Bathroom bathtub - caulk	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
6E30 041205323-0030	Exterior house - tar paper	Black Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
6E31 041205323-0031	Exterior house - tar paper	Black Fibrous Heterogeneous	65% Cellulose	35% Non-fibrous (other)	None Detected

Analyst(s)

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Nancy Stalter (12)

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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

Initial report from 03/16/2012 06:28:04



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (800) 220-3675 / (856) 786-5974
<http://www.emsl.com> cinnasblab@EMSL.com

EMSL Order: 041205323
CustomerID: KASI62
CustomerPO: 509110229
ProjectID:

Attn: **Peter Schuyler**
KAS, Inc.
PO Box 787
368 Avenue D Suite 15
Williston, VT 05495
Project: **6 Elizabeth St**

Phone: (802) 383-0486
Fax: (802) 383-0490
Received: 03/01/12 9:30 AM
Analysis Date: 3/16/2012
Collected: 1/25/2012

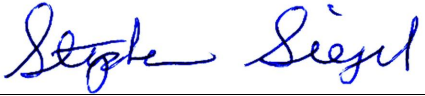
Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
6E32 041205323-0032	Exterior house - tar paper	Black Fibrous Heterogeneous	65% Cellulose	35% Non-fibrous (other)	None Detected

Cert.# PB080781 (LME) & PB548328 (NS)

Analyst(s)

Leslie McCluskey (23)
Nancy Stalter (12)



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

Initial report from 03/16/2012 06:28:04

Asbestos Lab Services Chain of Custody

EMSL Order Number (Lab Use Only):

041205323

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
 If Bill to is Different note instructions in Comments**
 Third Party Billing requires written authorization from third party

Street: 368 Avenue D, Suite 15 PO Box 787

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: 6 Elizabeth St. **State Samples Taken:** VT

Please Provide Results: Email **Purchase Order:** 509110229

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
	<u>See Attached</u>		

Client Sample # (s): GE1 - GE32 **Total # of Samples:** 32

Relinquished (Client): [Signature] **Date:** 2/27/12 **Time:** 1105

Received (Lab): [Signature] **Date:** 3-1-12 **Time:** 930A

Comments/Special Instructions: *32

SAMPLES ACCEPTED FOR ANALYSIS BY EMSL ANALYTICAL INC. CINNAMINSON, N.J. 2/27 MAR - 1 A 11:29

KAS, INC., P.O. BOX 787, WILLISTON, VT 05495 (802) 383-0486
VERMONT ASBESTOS CONSULTING ENTITY LICENSE CER15423

041205323

PROJECT NO.: 509110229

SAMPLER: Peter Sawyer SIGNATURE

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

LOCATION: 6 Elizabeth Street
South Burlington, VT 05403

SAMPLE TYPE:	Bulk	TURNAROUND TIME:	routine	DAMAGE			
HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
1	GE1	Yes/PLM		upstairs Bathroom	Sheet Flooring	~30 sqft	none
1	GE2						
1	GE3			Bathroom - 2nd story	Bath tub cowlk	~25 sqft	minor
2	GE4						
2	GE5						
2	GE6			2nd story Bedroom	Sheet rock + JC	~1800 sqft	none
3	GE7			2nd story Bathroom			
3	GE8			Living room			
4	GE9			Kitchen	Sheet Flooring	~160 sqft	none
4	GE10						
4	GE11						
4	GE12						

RELINQUISHED BY: [Signature] DATE/TIME: 2/26/02 11:05 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
3) Vermont samples
4) HA - homogeneous area

SAMPLES ACCEPTED FOR ANALYSIS BY EMSL ANALYTICAL INC

2002 MAR - 1 A 11:29
SOUTH BURLINGTON, N.J.

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

041205323

PROJECT NO.: 509110229
SAMPLER: Peter Schuyler SIGNATURE: [Signature]
CLIENT: Stantec Consulting Services, Inc.
LOCATION: 6 ELIZABETH STREET
55 Green Mountain Drive SOUTH BURLINGTON, VT 05403
South Burlington, VT 05403

SAMPLE TYPE:	Bulk	TURNAROUND TIME:	routine	BUILDING SURFACE	AMOUNT	DAMAGE
HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION		
	56E13	1/25/12	PLM	Living Room	Textured Paint ~200 sqft	none
	56E14			↓		
	56E15			house Roof	Roofing materials ~1200 sqft	minor
	66E16			↓		
	66E17			Basement	Window caulk	~40 sqft damaged
	66E18			↓		
	76E19			Basement	Chimney Packing	~0.5 sqft minor
	76E20			↓		
	76E21			Basement	Chimney Packing	white UNK
	86E22			↓		
	86E23			Basement	Chimney Packing	white UNK
	96E24			↓		

RELINQUISHED BY: [Signature] DATE/TIME: 4/12/105 RECEIVED BY: DATE/TIME: 2012 MAR -1 A 11:29
RECEIVED EMSL CINNAMILSON, N.J.
RELINQUISHED BY: DATE/TIME: RECEIVED BY: DATE/TIME:
COMMENTS: 1) Analyze each homogeneous group to first positive only
2) PLM EPA 600-93/116
3) Vermont samples
4) HA - homogeneous area

SAMPLES ACCEPTED FOR ANALYSIS BY EMSL ANALYTICAL INC

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

041205323

PROJECT NO.: 509110229

SAMPLER: PETER SAWYER SIGNATURE: 


LOCATION:

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

6 ELIZABETH STREET
SOUTH BURLINGTON VT 05403

SAMPLE TYPE: Bulk TURNAROUND TIME: routine

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
	9	6E25	1/25/8 PLM	Basement	Chimney Parging white		
	10	6E26		Bathroom	caulk, Bathroom sink	~3 1/2 FT	none
	10	6E27		Bathroom			
	11	6E28		Bathroom			
	11	6E29		Exterior house	Tar paper		
	12	6E30					
	12	6E31					
	12	6E32					

RELINQUISHED BY:  DATE/TIME: 2/12/12 11:05
 RECEIVED BY: _____ DATE/TIME: _____

RELINQUISHED BY: _____ DATE/TIME: _____
 COMMENTS: 1) Analyze each homogeneous group to first positive only
 2) PLM EPA 600-93/116
 3) Vermont samples
 4) HA - homogeneous area

12 MAR -1 A 11:29
 SAMPLES ACCEPTED FOR ANALYSIS BY EMSL ANALYTICAL INC
 CANHAMPTON, N.J.

APPENDIX 3
SITE SKETCHS



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

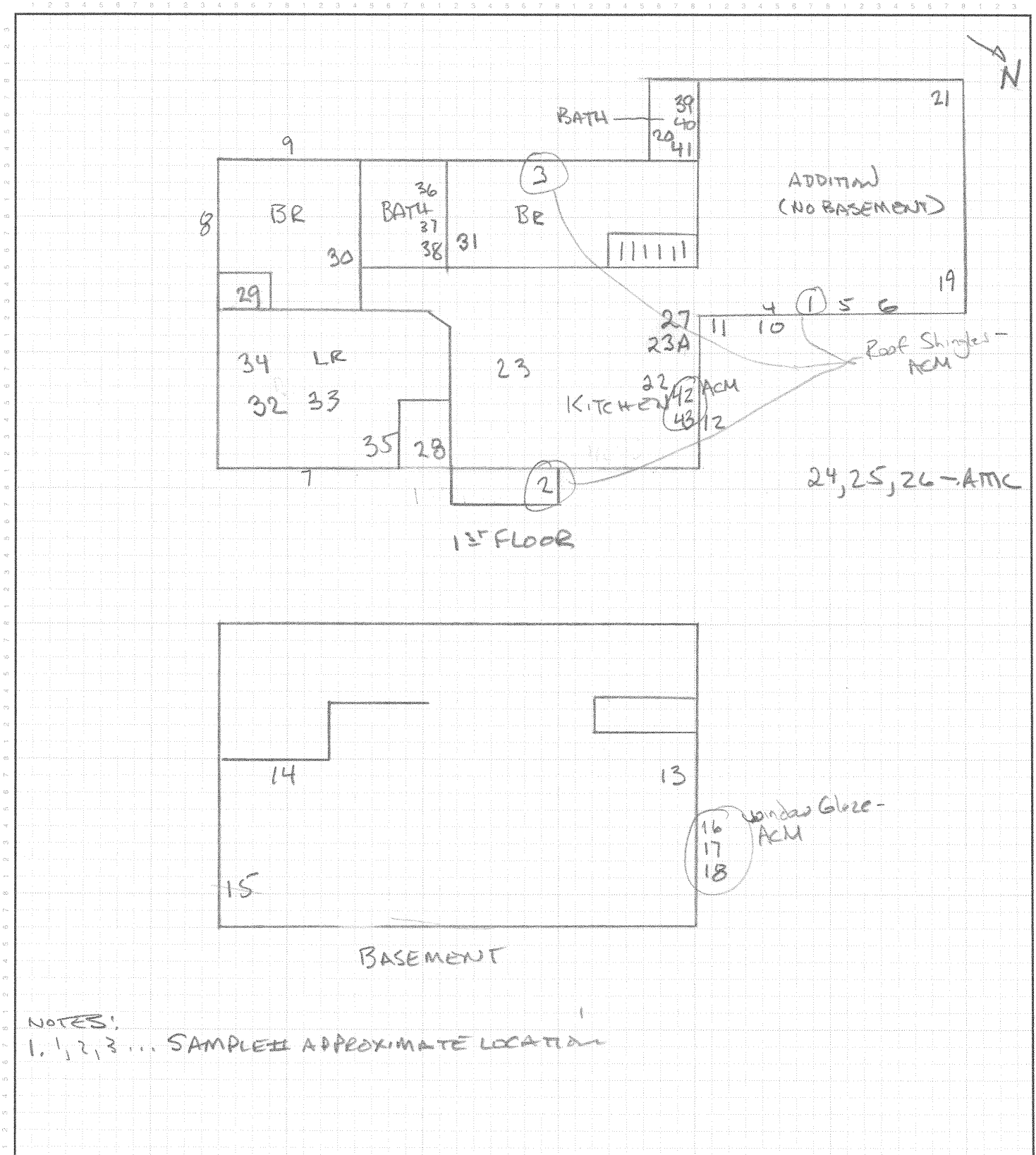
JOB 509110229 13 DUMONT AVENUE

SHEET NO. 1 OF 1

CALCULATED BY PS DATE 2-20-12

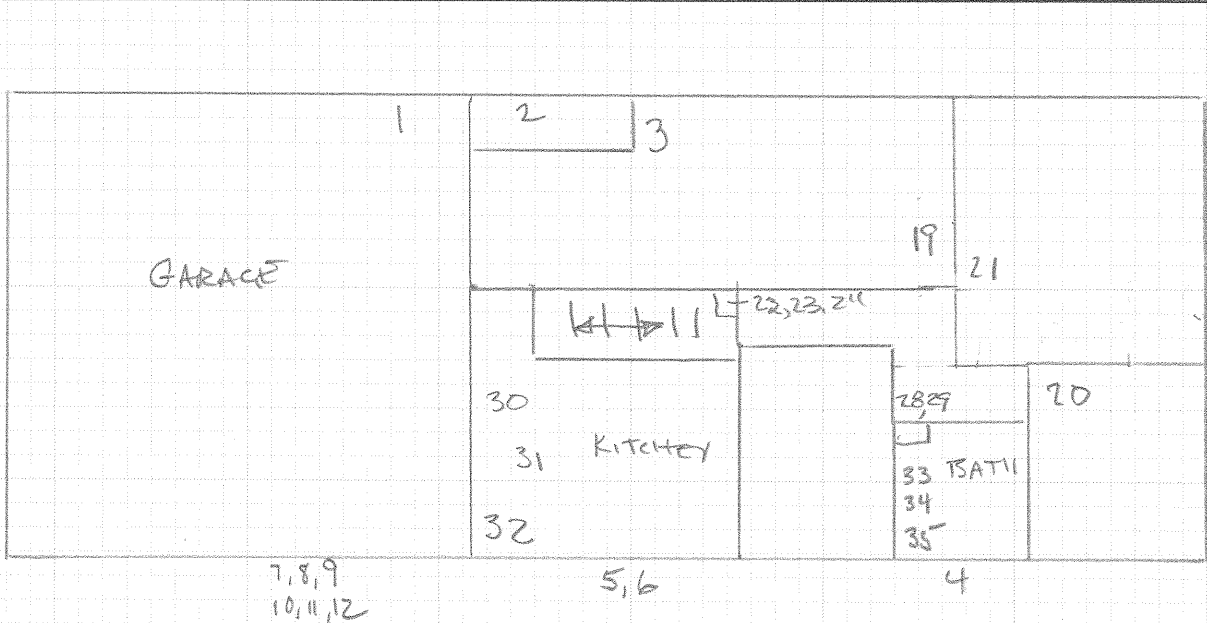
CHECKED BY _____ DATE _____

SCALE 1/4" = 10'



KAS, INC.
 P.O. Box 787
 WILLISTON, VT 05495
 8023830486 , Fax 8023830490

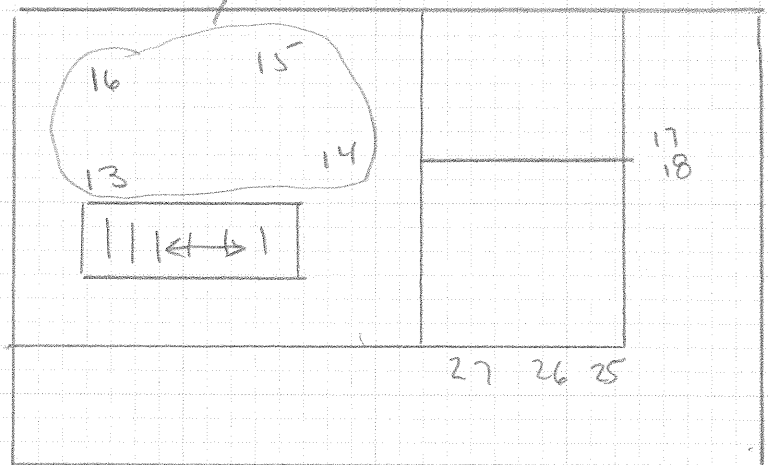
JOB 509110229 - 57 DOM OUTAGE, S. Burl, VT
 SHEET NO. 1 OF 1
 CALCULATED BY PS DATE 4/17/12
 CHECKED BY _____ DATE _____
 SCALE ~ 1" = 10'



1st Floor (1, 2, 3 are Roof)

Floor Tile = ACM

- NOTES:
1. INSULATION IS FIBER GLASS
 2. 1, 2, 3, ... - SAMPLE #, APPROXIMATE LOCATION
 3. NO OUTBUILDINGS



BASEMENT



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

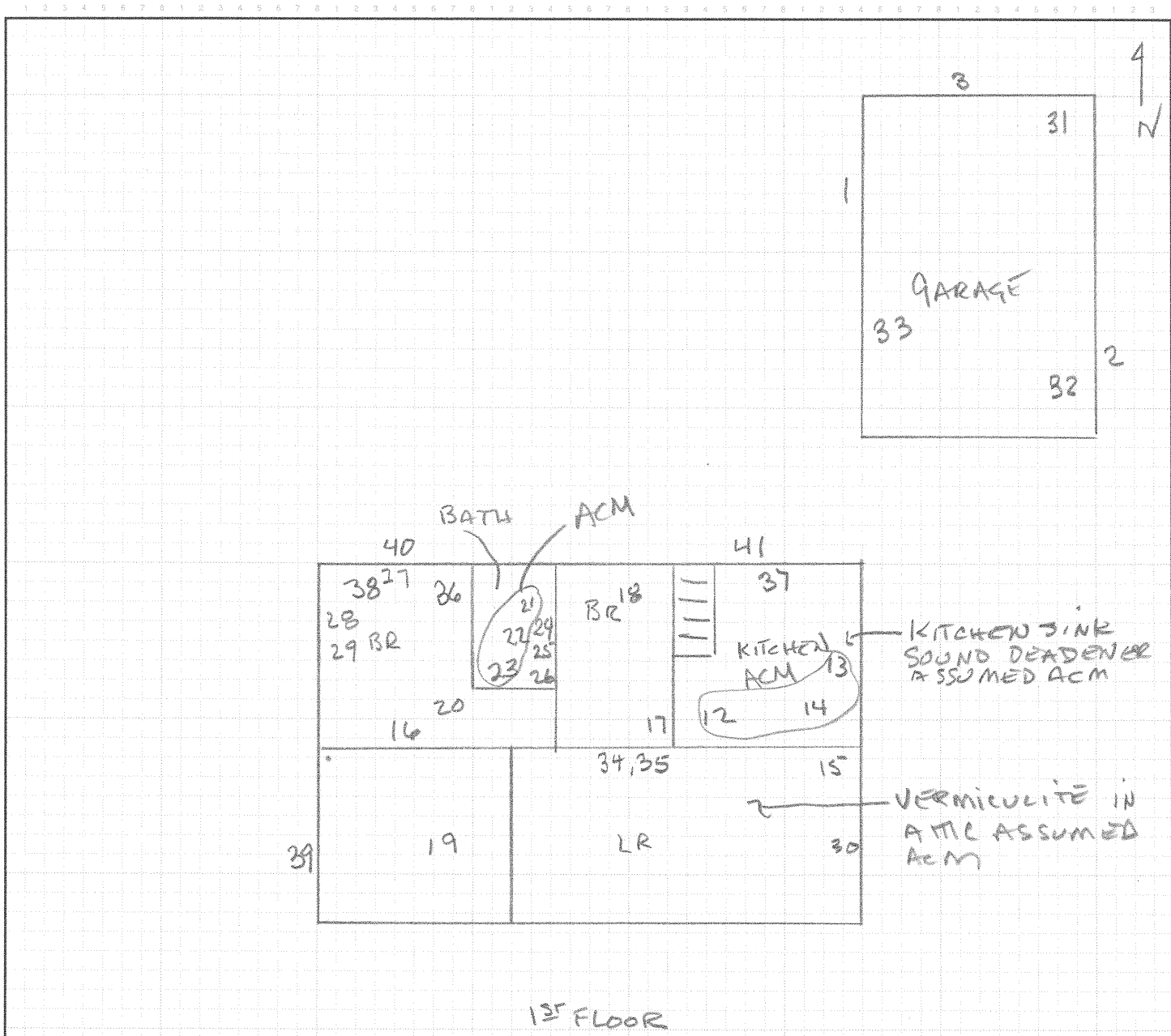
JOB 509110229 72 DUMONT AVENUE

SHEET NO. 1 OF 2

CALCULATED BY PS DATE 2-20-12

CHECKED BY _____ DATE _____

SCALE 1/4" = 10'



1ST FLOOR

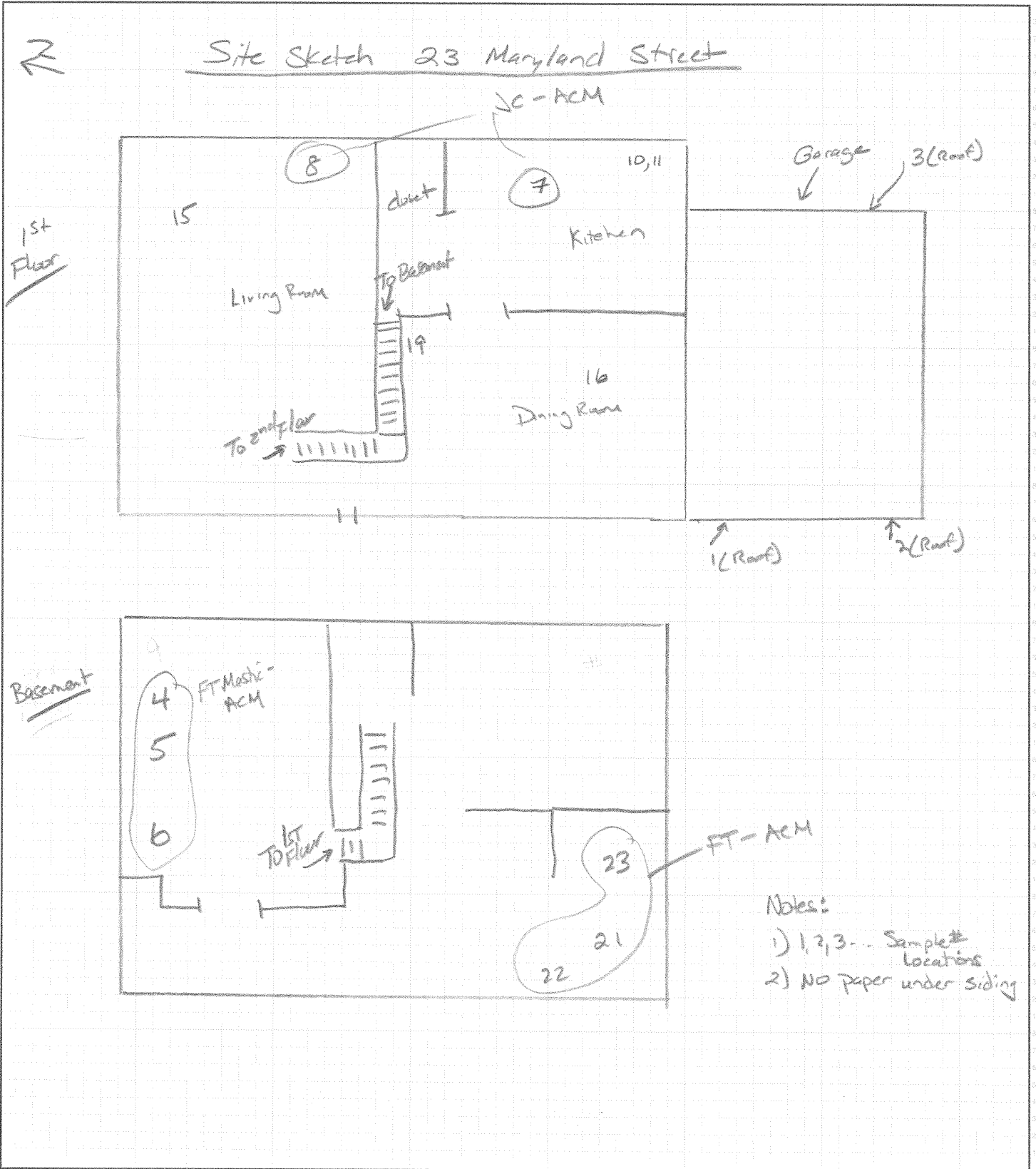
NOTES:

1. 1, 2, 3 ... SAMPLE #, APPROXIMATE LOCATION
2. LAYOUT IS APPROXIMATE



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

JOB 509110229 23 Maryland St.
 SHEET NO. 1 OF 2
 CALCULATED BY JR DATE 2/22/12
 CHECKED BY _____ DATE _____
 SCALE NTS

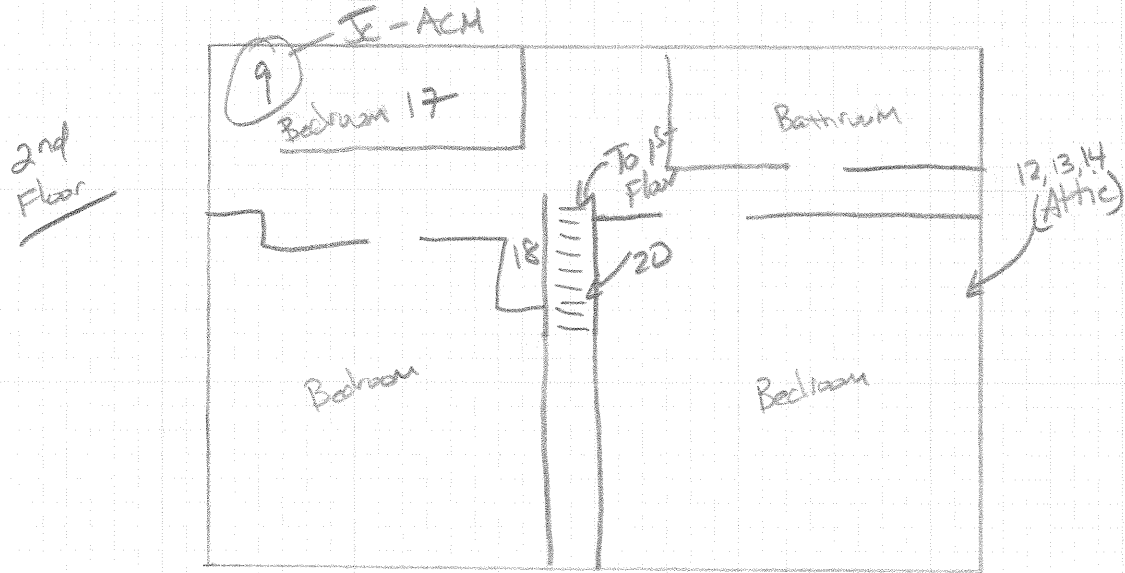




368 Avenue D Suite 15
WILLISTON, VERMONT 05495
(802) 383-0486 Fax (802) 383-0490

JOB 509110229 23 Maryland St.
SHEET NO. 2 OF 2
CALCULATED BY Jm DATE 2/22/12
CHECKED BY _____ DATE _____
SCALE NTS

Site Sketch 23 Maryland Street





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

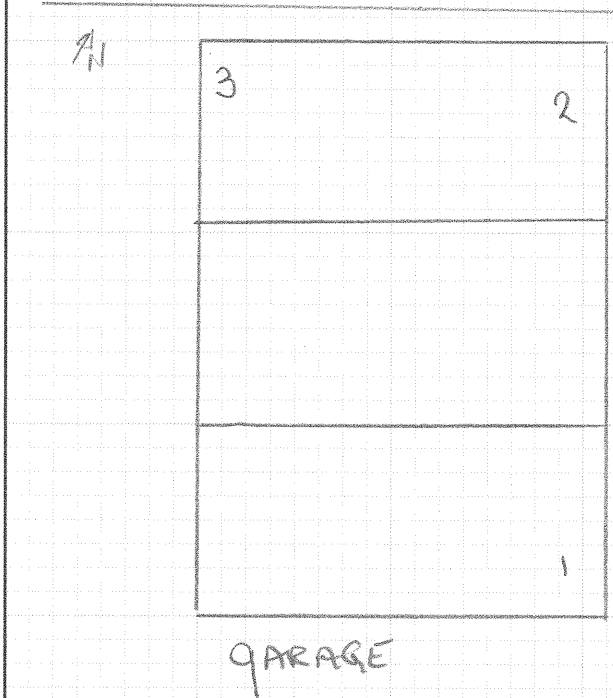
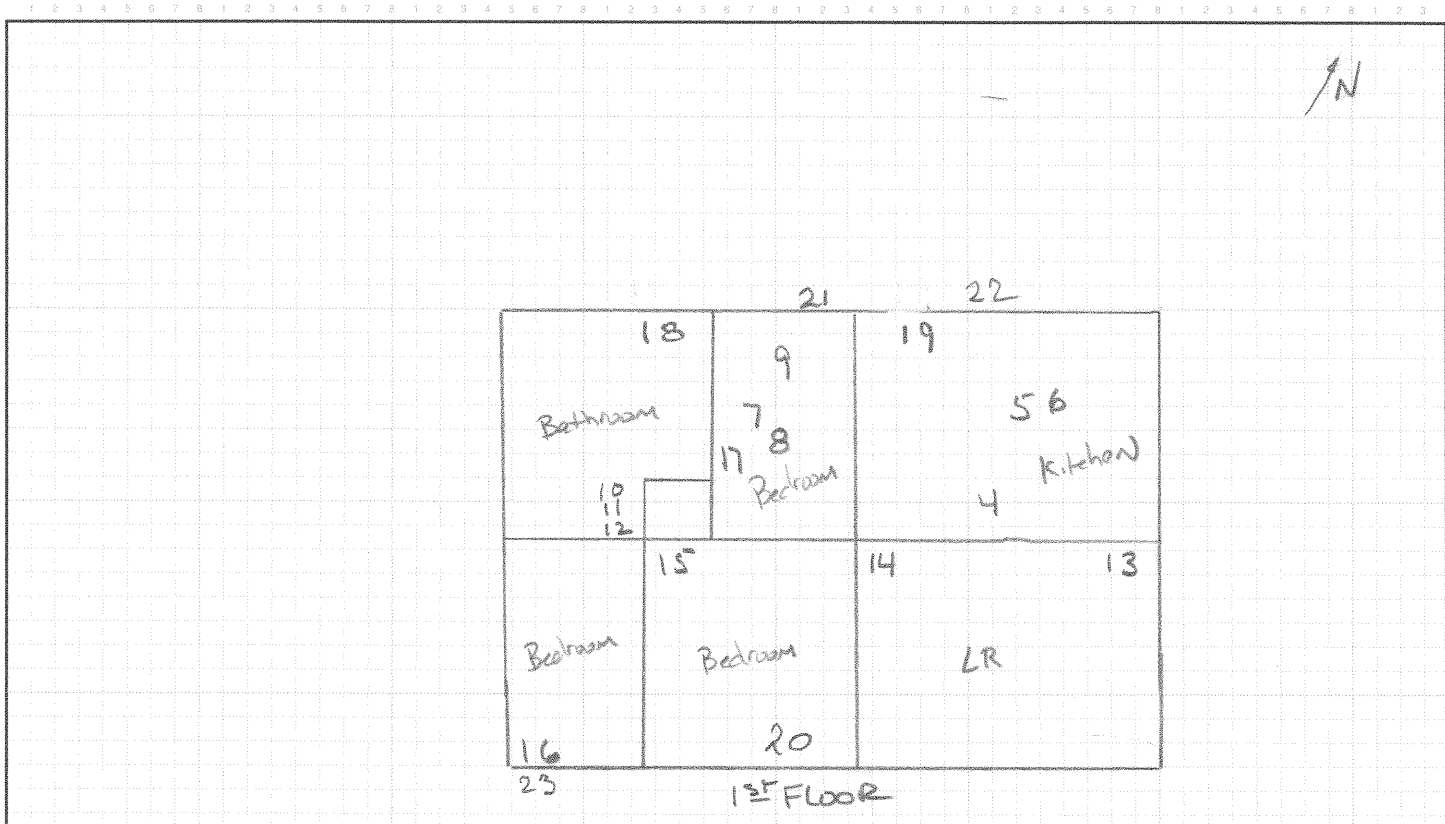
JOB 509110229 2 PATRICK STREET

SHEET NO. 1 OF 1

CALCULATED BY PS DATE 2/20/12

CHECKED BY _____ DATE _____

SCALE 1" = 20'



- NOTES:
1. BASEMENT - NO SUSPECT ACM
 2. FG INSULATION - NOT ACM
 3. 1, 2, 3... SAMPLE # / LOCATION



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

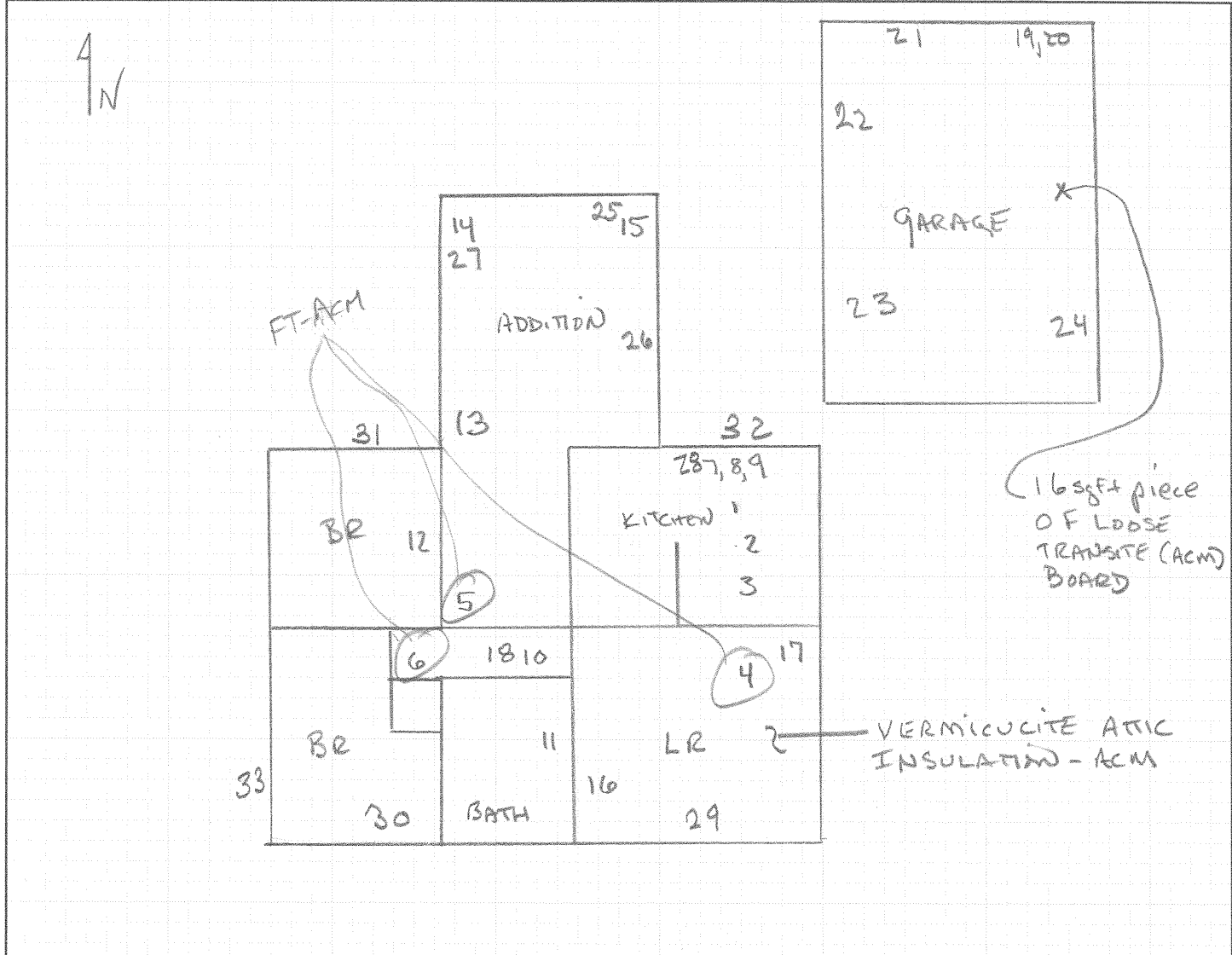
JOB 509110229 6 PATRICK STREET

SHEET NO. _____ OF _____

CALCULATED BY _____ DATE _____

CHECKED BY _____ DATE _____

SCALE _____



NOTES:

- 1) 1, 2, 3 ... SAMPLE #, APPROXIMATE LOCATION
- 2) NO BASEMENT - CRAWL SPACE - NO SUSPECT ACM
- 3) NO TAR PAPER ON ADDITION

PATRICK STREET



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

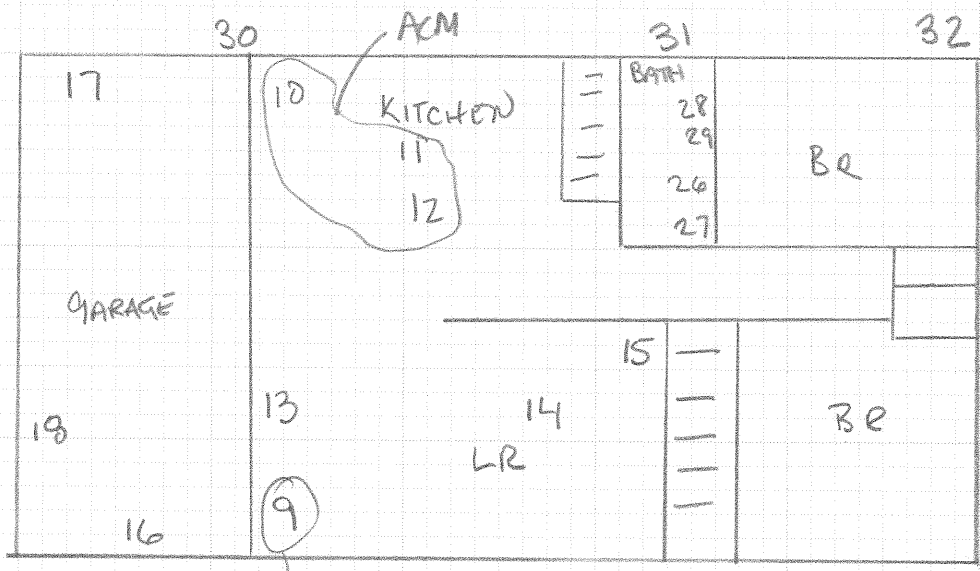
JOB 509110229 6 ELIZABETH STREET

SHEET NO. 1 OF 2

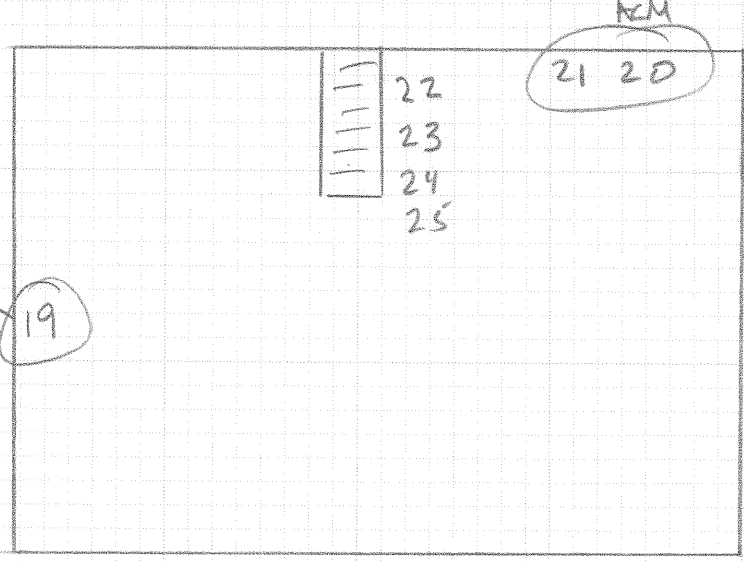
CALCULATED BY PS DATE 2-20-12

CHECKED BY _____ DATE _____

SCALE ~ 1" = 10'



1st FLOOR



Basement

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



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

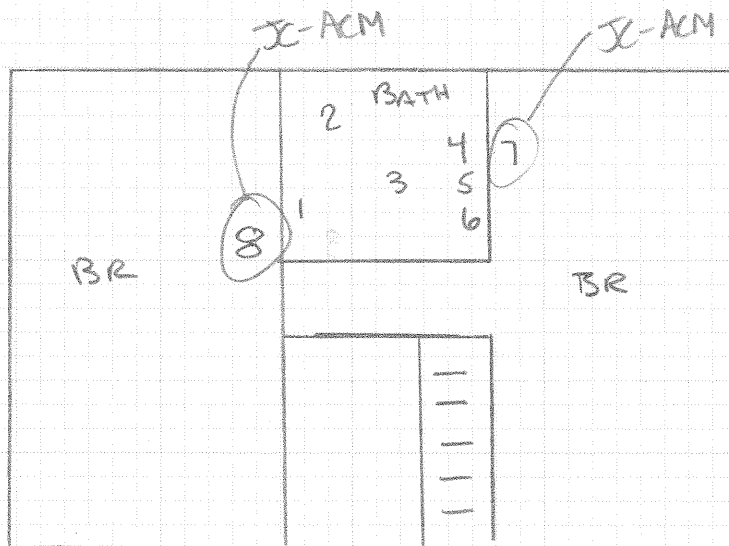
JOB 509110229 6 ELIZABETH STREET

SHEET NO. 2 OF 2

CALCULATED BY PS DATE 2-20-12

CHECKED BY _____ DATE _____

SCALE 1" = 10'



2nd FLOOR

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.