

**ASBESTOS INSPECTION REPORT**  
**396 White Street, 1375 & 1379 Airport Drive, 110 & 120**  
**Airport Parkway**  
**South Burlington, VT 05403**  
**AIP 78**

**February 13, 2012**

**KAS PROJECT # 509110226**

**PREPARED FOR:**

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

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

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## 1. INSPECTION SUMMARY

Five vacant single family homes located at 396 White Street, 1375 & 1379 Airport Drive and 110 & 120 Airport Parkway, South Burlington, Vermont were inspected for the presence of asbestos containing materials (ACMs) December 9, 12 and 15, 2011. The inspections were predemolition inspections conducted to fulfill US EPA NESHAPS requirements in accordance with 40 CFR Part 61 Subpart M and State of Vermont asbestos requirements in accordance with V.S.A. Title 18, Chapter 26. The inspections/sampling included obtaining bulk samples from suspect materials inside and out side the buildings. The inspections are believed to have reasonably determined the ACMs that exist in the buildings.

396 White Street – 10 different homogeneous suspect materials were identified and sampled in this house. Kitchen sink sound deadener both 1<sup>st</sup> and 2<sup>nd</sup> floors (8% Chrysotile asbestos non friable) and 2<sup>nd</sup> floor sheet flooring (15% Chrysotile asbestos non friable, mastic non asbestos) were determined to be ACM.

1375 Airport Drive – 16 different homogeneous suspect materials were identified and sampled in this house and two materials have been assumed asbestos containing. Laundry room vinyl flooring (15% Chrysotile asbestos non friable), kitchen sink sound deadener (2% Chrysotile asbestos non friable), basement window caulk (2% Chrysotile asbestos non friable) and exterior Transite siding (assumed ACM non friable) were determined to be ACM. In addition snow on the roof precluded inspection of the chimney, any tar or sealants around the chimney, if they exist, are assumed asbestos containing.

1379 Airport Drive - 14 different homogeneous suspect materials were identified and sampled in this house. No ACMs were identified in this house.

110 Airport Parkway - 14 different homogeneous suspect materials were identified and sampled in this house. Kitchen sink sound deadener (3% Chrysotile asbestos non friable), 1<sup>st</sup> and 2<sup>nd</sup> floor window glaze (3% Chrysotile asbestos non friable) and 2<sup>nd</sup> floor joint compound (2% Chrysotile asbestos friable, sheet rock is not ACM) were determined to be ACM.

120 Airport Parkway - 8 different homogeneous suspect materials were identified and sampled in this house. No ACMs were identified in this house.

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: 396 White Street, 1375 & 1379 Airport Drive, 110 & 120 Airport Parkway, South Burlington, VT

Inspection Dates: December 9, 12 and 15, 2011

Buildings Inspected: Five vacant residential structures.

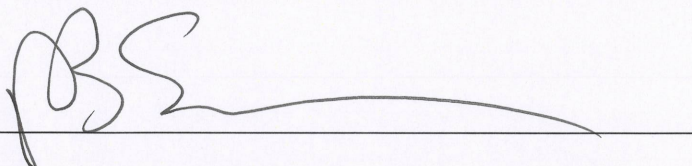
Inspector Certification/Accreditation:

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

Inspectors:

Peter Schuyler: Vermont Asbestos Inspector/ Management Planner –  
MP014292

Signature: \_\_\_\_\_



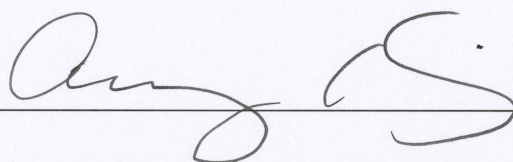
Jeremy Roberts: Vermont Asbestos Inspector – AI127703

Signature: \_\_\_\_\_



Amy King: Vermont Asbestos Inspector – AI097744

Signature: \_\_\_\_\_



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

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

## 5. INSPECTION RESULTS

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

## 6. OBSERVATIONS AND RECOMMENDATIONS

### Building Comments:

The houses inspected consisted of older houses that were vacant and were to be demolished. In general the houses were in good condition. The houses were wood frame construction all greater than 20 years old by appearances. 1379 & 1375 Airport Drive and 120 Airport Parkway were one story houses while 110 Airport Parkway and 396 White Street were two story houses. The basements were mostly finished. The houses exhibited general renovations and additions. Heating systems and utilities had been either removed or shut off.

Recommendations:

Prior to demolition the identified asbestos containing materials need to be removed in full compliance with the Vermont Regulations for Asbestos Control.

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

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

**TABLE 1 – INSPECTION RESULTS SUMMARY**  
396 WHITE STREET, 1375 & 1379 AIRPORT DRIVE, 110 & 120 AIRPORT PARKWAY, SOUTH BURLINGTON, VT

HA/SAMPLE # LOCATION	MATERIAL	ANALYTICAL RESULTS	QUANTITY/ CONDITION
<b>396 WHITE STREET</b>			
1/396W1a-1c 1 <sup>st</sup> floor	flooring paper	not ACM	
2/396W2a-2d 1 <sup>st</sup> & 2 <sup>nd</sup> floor – various	sheetrock/ joint compound	not ACM	
3/396W3a-3b Basement - chimney	caulking	not ACM	
4/396W4a-4c 1 <sup>st</sup> flr - Kitchen	linoleum flooring	not ACM	
<b>5/396W5a-5b 1<sup>st</sup> flr – Kitchen sink</b>	<b>sound deadener</b>	<b>8% Chrysotile</b>	<b>&lt;5 sq ft, good</b>
<b>6/396W6a-6b 2<sup>nd</sup> flr – kitchen sink</b>	<b>sound deadener</b>	<b>8% Chrysotile</b>	<b>&lt; 5 sq ft, good</b>
<b>7/396W7a-7c 2<sup>nd</sup> flr - kitchen</b>	<b>vinyl flooring,</b>	<b>15% Chrysotile, mastic not ACM</b>	<b>~80 sq. ft, good</b>
8/396W8a-8c 2 <sup>nd</sup> flr - Bathroom	caulking	not ACM	
9/396W9a-9c 2 <sup>nd</sup> flr- Bathroom	vinyl flooring	not ACM	
10/396W10a-10c House & shed roof	asphalt shingle, tar paper	not ACM	
<b>1375 AIRPORT DRIVE</b>			
1/1375AD1a-1c Kitchen	gray vinyl flooring	not ACM	
2/1375AD2a-2c Kitchen	brown/orange vinyl flooring	not ACM	
3/1375AD3a-3b Kitchen	cove molding, mastic	not ACM	
4/1375AD4a-4c Interior – Basement windows	caulking	not ACM	
5/1375AD5a-5c 1 <sup>st</sup> flr - various	plasters	not ACM	
6/1375AD6a-6c Bathroom	vinyl flooring	not ACM	

TABLE 1 – INSPECTION RESULTS SUMMARY  
396 WHITE STREET, 1375 & 1379 AIRPORT DRIVE, 110 & 120 AIRPORT PARKWAY, SOUTH  
BURLINGTON, VT (continued)

HA/SAMPLE # LOCATION	MATERIAL	ANALYTICAL RESULTS	QUANTITY/ CONDITION
<b>1375 AIRPORT DRIVE (continued)</b>			
7/1375AD7a-7c Laundry room	vinyl flooring	15% Chrysotile	~150 sq ft, significant damage
8/1375AD8a-8c Bedroom	flooring paper	not ACM	
9/1375AD9a-9c Attic	insulation	not ACM	
<b>10/1375AD10a-10b</b> <b>Kitchen sink</b>	<b>sound deadener</b>	<b>2% Chrysotile</b>	<b>~2 sq. feet, good</b>
11/1375AD11a-11c House roof	asphalt shingles	not ACM	
12/1375AD12a-12c Porch roof	asphalt shingles	not ACM	
13/1375AD13a-13c Exterior – porch windows	caulking	not ACM	
<b>14/1375AD14a-14c</b> <b>Exterior – basement windows</b>	<b>caulking</b>	<b>2% Chrysotile</b>	<b>~6 Inft, damaged</b>
154/1375AD15a-15b Shed roof	asphalt shingles	not ACM	
16/1375AD16a-16c Exterior – under siding	tar paper	not ACM	
<b>Transite Siding</b>		<b>Assumed ACM</b>	<b>~1,000 sqft, damaged</b>
<b>1379 AIRPORT DRIVE</b>			
1/1379AD1a-1c Interior basement windows	caulking	not ACM	
2/1379AD2a-2c Basement bathroom	linoleum flooring	not ACM	
3/1379AD3a-3c Basement	sheetrock/ joint compound	not ACM	
4/1379AD4a-4c Kitchen	vinyl flooring	not ACM	
5/1379AD5a-5c 1 <sup>st</sup> flr	plaster	not ACM	

TABLE 1 – INSPECTION RESULTS SUMMARY  
396 WHITE STREET, 1375 & 1379 AIRPORT DRIVE, 110 & 120 AIRPORT PARKWAY, SOUTH  
BURLINGTON, VT (continued)

HA/SAMPLE # LOCATION	MATERIAL	ANALYTICAL RESULTS	QUANTITY/ CONDITION
<b>1379 AIRPORT DRIVE (continued)</b>			
6/1379AD6a-6c 1 <sup>st</sup> flr- various	flooring paper	not ACM	
7/1379AD7a-7c Bathroom	vinyl flooring	not ACM	
8/1379AD8a-8b Kitchen	cove molding, mastic	not ACM	
9/1379AD9a-9b Kitchen	sound deadener	not ACM	
10/1379AD10a-10c Attic	insulation	not ACM	
11/1379AD11a-11c Exterior, under siding	tar paper	not ACM	
12/1379AD12a-12c House roof	asphalt shingles	not ACM	
13/1379AD13a-13b Exterior – dryer vent	caulking	not ACM	
14/1379AD14a-14c Living room	poppy ceiling	not ACM	
<b>110 AIRPORT PARKWAY</b>			
1/110AP1 - 2 Basement chimney opening	chimney packing	not ACM	
<b>2/110AP3 – 4 Kitchen sink</b>	<b>sound deadener</b>	<b>3% Chrysotile</b>	<b>~2sqft/ no damage</b>
3/110AP5 - 7 1 <sup>st</sup> flr kitchen 2 <sup>nd</sup> flr s bedroom	floor tile/ mastic	not ACM	
4/110AP13 - 15 1 <sup>st</sup> flr walls/ ceilings	plaster/ skim coat	not ACM	
<b>5/110AP16 - 18 1<sup>st</sup>/ 2<sup>nd</sup> flr, garage windows</b>	<b>window glaze</b>	<b>3% Chrysotile</b>	<b>~3 sqft/ minor</b>
<b>6/110AP19 - 21 2<sup>nd</sup> flr</b>	<b>sheetrock/ joint compound</b>	<b>sheet rock not ACM joint compound 2% chrysotile</b>	<b>1000 sqft/ minor</b>
7/110AP22 - 24 1 <sup>st</sup> flr under rug	9"x9" flr tile/ mastic	not ACM	

TABLE 1 – INSPECTION RESULTS SUMMARY  
396 WHITE STREET, 1375 & 1379 AIRPORT DRIVE, 110 & 120 AIRPORT PARKWAY, SOUTH  
BURLINGTON, VT (continued)

HA/SAMPLE # LOCATION	MATERIAL	ANALYTICAL RESULTS	QUANTITY/ CONDITION
<b>110 AIRPORT PARKWAY (continued)</b>			
8/110AP 25 - 27	exterior siding paper	not ACM	
Garage			
9/110AP28 - 30	exterior siding paper	not ACM	
House			
10/110AP31- 33	shingles	not ACM	
Main house roof			
11/110AP34 – 36	tar paper	not ACM	
Porch roof			
12/110AP37 – 39	shingle/ tar paper	not ACM	
Garage roof			
<b>13/110AP40 – 42</b>	<b>Tar/ rolled roof/ tar paper</b>	<b>shingle 2% Chrysotile</b>	<b>~250 sqft/</b>
<b>Garage</b>		<b>tar/ tar paper not ACM</b>	<b>none</b>
<b>addition</b>			
14/110AP8 – 10	floor tile/ mastic	not ACM	
bath			
<b>120 AIRPORT PARKWAY</b>			
1/120AP1 - 3	sheetrock/ joint compound	not ACM	
2 <sup>nd</sup> flr walls/ ceiling			
2/120AP4 - 6	sheet flooring	not ACM	
NE bedroom			
3/120AP7 - 9	sheet flooring/ mastic	not ACM	
Garage entrance to house			
4/120AP10 - 12	sheet flooring/ mastic	not ACM	
1 <sup>st</sup> flr bath			
5/120AP13 - 15	sheet flooring/ mastic	not ACM	
Basement bath			
6/120AP16 - 18	sheet flooring/ mastic	not ACM	
Basement SE room			
7/120AP19 - 22	shingles/ tar paper	not ACM	
House & garage			
8/120AP23 - 25	blown attic insulation	not ACM	
Attic			

**TABLE 1 – INSPECTION RESULTS SUMMARY**  
**396 WHITE STREET, 1375 & 1379 AIRPORT DRIVE, 110 & 120 AIRPORT PARKWAY, SOUTH**  
**BURLINGTON, VT (continued)**

Notes:

1. HA – homogeneous area, flr – floor, apt – apartment, sqft – square feet, lft – linear feet
2. ACM – asbestos containing material (>1% asbestos content)
3. Materials 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

KAS INC.  
P.O. BOX 787 368 AVENUE D, SUITE 15  
WILLISTON VT 05495

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

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.

*Stephen W. Col*

**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



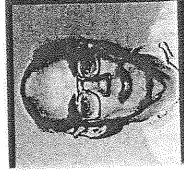
VT



**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



VT



**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



VT



**VERMONT DEPARTMENT OF HEALTH**

**Asbestos & Lead Regulatory Program**

Asbestos Site Inspector  
*Not a Legal Form of ID*

**JEREMY ROBERTS**

Eff. Date 01/21/11

Exp. Date 01/29/12

CONES

**AI127703**



Renewal

**APPENDIX 2**  
**LABORATORY ANALYSIS REPORTS**



**Asbestos Lab Services Chain of Custody**

EMSL Order Number (Lab Use Only):

041200897

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	
Street: 368 Ave D, Suite 15 PO Box 787		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: 396 White St		State Samples Taken: VT	
Please Provide Results: Email		Purchase Order: 509110226	

**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.

<b>PCM - Air</b> <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA <b>PLM - Bulk (reporting limit)</b> <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%)	<b>TEM - Air</b> <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 <b>TEM - Bulk</b> <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 <b>TEM - Water: EPA 100.2</b> Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	<b>TEM-Dust</b> <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) <b>Soil/Rock/Vermiculite</b> <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) <b>Other:</b> <input type="checkbox"/>
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Check For Positive Stop - Clearly Identify Homogenous Group      Filter Pore Size (Air Samples):  0.8µm  0.45µm

Samplers Name: Amy King      Samplers Signature: *[Signature]*

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
	see attached		

Client Sample # (s): 396w1A - 396w10C      Total # of Samples: 28

Relinquished (Client): *[Signature]*      Date: 12/28/11      Time: 11:08

Received (Lab): BW OUSM/K      Date: 1.6.12      Time: 3:00 PM

Comments/Special Instructions: Vermont Sampling

041200397

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

PROJECT NO.: 509110226 SAMPLER: JR/AK SIGNATURE: *JR/AK*

CLIENT: Stantec Consulting Services, Inc. LOCATION: 396 White Street  
55 Green Mountain Drive So Burlington, VT  
South Burlington, VT 05403

SAMPLE TYPE:	Bulk	TURNAROUND TIME:	routine				
HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
1	396W1A	12/2/11	PLM	Kitchen/Dining Area	Paper under flashing	~500-750 sq ft	None
	396W1B			Living Room	"	↓	↓
	396W1C			Living Room	"	↓	↓
2	396W2A			Basement	Sheetrock/IC	~1,500 sq ft	Minor
	396W2B			Basement	"	↓	↓
	396W2C			Living Room	"	↓	↓
	396W2D			2nd Fl. Living Room	"	↓	↓
3	396W3A			Chimney-Basement	Caulking	~5 sq ft	None
	396W3B			"	"	↓	↓
4	396W4A			1st Fl Kitchen	Lead paint	~100 sq ft	Minor
	396W4B			"	"	↓	↓
	396W4C			"	"	↓	↓

RELINQUISHED BY: *JR/AK* DATE/TIME: 12/28/11 RECEIVED BY: *JR/AK* DATE/TIME: 12/28/11  
RELINQUISHED BY: *JR/AK* DATE/TIME: 12/28/11 RECEIVED BY: *JR/AK* DATE/TIME: 12/28/11

RELIQUISHED BY: *JR/AK* DATE/TIME: 12/28/11  
RECEIVED BY: *JR/AK* DATE/TIME: 12/28/11

2012 JAN -6 PM 3:02

RECEIVED  
EMIS  
CINNAMHSC

*(Signature)*

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

041200397

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

PROJECT NO.: 509110226 SAMPLER: JAK SIGNATURE: *[Signature]*

CLIENT: Stantec Consulting Services, Inc. LOCATION: 396 White Street  
55 Green Mountain Drive So Burlington, VT  
South Burlington, VT 05403

SAMPLE TYPE:	Bulk	TURNAROUND TIME:	routine				
HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
5	396W5A	12/24/11	PLM	Kitchen Sink	Sand Deacher	65 sq. ft.	None
	396W5B						
6	396W6A			Kitchen Sink	Sand Deacher	65 sq. ft.	None
	396W6B						
7	396W7A			2nd Fl. Kitchen Floor	Vinyl Floor (grout)	~80 sq. ft.	None
	396W7B				"		
	396W7C				"		
8	396W8A			2nd Fl. Bathroom	Caulking	~10 lin. ft.	None
	396W8B						
	396W8C						
9	396W9A			2nd Fl. Bathroom	Vinyl Floor	650 sq. ft.	None
	396W9B						

RELINQUISHED BY: *[Signature]* DATE/TIME: 12/24/11 RECEIVED BY: *[Signature]* DATE/TIME: 1/6/12  
RELINQUISHED BY: *[Signature]* DATE/TIME: 1/6/12 RECEIVED BY: *[Signature]* DATE/TIMER: 2012 JAN -6 PM 3:02

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

RELEASED  
EMSL  
CINNAMIS





**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (800) 220-3675 Fax: (856) 786-5974 Email: [cinnaslab@EMSL.com](mailto:cinnaslab@EMSL.com)

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

Customer ID: KASI62  
Customer PO: 509110226  
Received: 01/06/12 3:00 PM  
EMSL Order: 041200397

Fax: (802) 383-0490 Phone: (802) 383-0486  
Project: 396 White St. #: 509110226

EMSL Proj:  
Analysis Date: 1/18/2012

**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
396W1A <i>041200397-0001</i>	Kitchen/Dining Area - Paper under flooring	Pink Fibrous Heterogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
			HA: 1		
396W1B <i>041200397-0002</i>	Living Room - Paper under flooring	Pink Fibrous Heterogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
			HA: 1		
396W1C <i>041200397-0003</i>	Living Room - Paper under flooring	Pink Fibrous Heterogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
			HA: 1		
396W2A-SR <i>041200397-0004</i>	Basement - Sheetrock	Brown/White Fibrous Heterogeneous	20% Cellulose 3% Glass	77% Non-fibrous (other)	None Detected
			HA: 2		
396W2A-JC <i>041200397-0004A</i>	Basement - JC	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 2		

Initial report from 01/18/2012 06:55:53

Analyst(s)  

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*Chris Little (38)*

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Stephen Siegel, CIH, Laboratory Manager  
or other approved signatory

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



**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

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

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

Customer ID: KAS162  
Customer PO: 509110226  
Received: 01/06/12 3:00 PM  
EMSL Order: 041200397

Fax: (802) 383-0490 Phone: (802) 383-0486  
Project: 396 White St. #: 509110226


EMSL Proj:  
Analysis Date: 1/18/2012

**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
396W2B-SR 041200397-0005	Basement - Sheetrock	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
			HA: 2		
396W2B-JC 041200397-0005A	Basement - JC	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 2		
396W2C-SR 041200397-0006	Living Room - Sheetrock	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
			HA: 2		
396W2C-JC 041200397-0006A	Living Room - JC	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 2		
396W2D-SR 041200397-0007	2nd Fl. Living Room - Sheetrock	Brown/White Fibrous Heterogeneous	15% Cellulose	85% Non-fibrous (other)	None Detected
			HA: 2		

Initial report from 01/18/2012 06:55:53

Analyst(s)  
Chris Little (38)

  
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# EMSL Analytical, Inc.

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

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

Customer ID: KASI62  
Customer PO: 509110226  
Received: 01/06/12 3:00 PM  
EMSL Order: 041200397

Fax: (802) 383-0490 Phone: (802) 383-0486  
Project: 396 White St. #: 509110226

EMSL Proj:  
Analysis Date: 1/18/2012

## 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
396W2D-JC 041200397-0007A	2nd Fl. Living Room - JC	White Non-Fibrous Heterogeneous	HA: 2	100% Non-fibrous (other)	None Detected
396W3A 041200397-0008	Chimney - Basement - Caulking	Gray Non-Fibrous Heterogeneous	HA: 3	100% Non-fibrous (other)	None Detected
396W3B 041200397-0009	Chimney - Basement - Caulking	Gray Non-Fibrous Heterogeneous	HA: 3	100% Non-fibrous (other)	None Detected
396W4A-Linoleum 041200397-0010	1st Fl Kitchen - Linoleum	Cream Non-Fibrous Heterogeneous	HA: 4	100% Non-fibrous (other)	None Detected
396W4A-Mastic 041200397-0010A	1st Fl Kitchen - Linoleum	Yellow Non-Fibrous Heterogeneous	HA: 4	100% Non-fibrous (other)	None Detected

Initial report from 01/18/2012 06:55:53

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EMSL Proj:  
Analysis Date: 1/18/2012

**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
396W4B-Linoleum 041200397-0011	1st Fl Kitchen - Linoleum	Cream Non-Fibrous Heterogeneous	HA: 4	100% Non-fibrous (other)	None Detected
396W4B-Mastic 041200397-0011A	1st Fl Kitchen - Linoleum	Yellow Non-Fibrous Heterogeneous	HA: 4	100% Non-fibrous (other)	None Detected
396W4C-Linoleum 041200397-0012	1st Fl Kitchen - Linoleum	Cream Non-Fibrous Heterogeneous	HA: 4	100% Non-fibrous (other)	None Detected
396W4C-Mastic 041200397-0012A	1st Fl Kitchen - Linoleum	Yellow Non-Fibrous Heterogeneous	HA: 4	100% Non-fibrous (other)	None Detected
396W5A 041200397-0013	Kitchen Sink - Sound Deadner	Black Fibrous Heterogeneous	HA: 5	92% Non-fibrous (other)	8% Chrysotile

Initial report from 01/18/2012 06:55:53

Analyst(s)  

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Analysis Date: 1/18/2012

**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
396W5B 041200397-0014	Kitchen Sink - Sound Deadner				Stop Positive (Not Analyzed)
HA: 5					
396W6A 041200397-0015	Kitchen Sink - Sound Deadner	Black Fibrous Heterogeneous		92% Non-fibrous (other)	8% Chrysotile
HA: 6					
396W6B 041200397-0016	Kitchen Sink - Sound Deadner				Stop Positive (Not Analyzed)
HA: 6					
396W7A-Flooring 041200397-0017	2nd Fl Kitchen Floor - Vinyl Flooring	Green Fibrous Heterogeneous	20% Cellulose 2% Glass	78% Non-fibrous (other)	None Detected
HA: 7					
396W7A-Mastic 041200397-0017A	2nd Fl Kitchen Floor - Mastic	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
HA: 7					

Initial report from 01/18/2012 06:55:53

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Fax: (802) 383-0490 Phone: (802) 383-0486  
Project: 396 White St. #: 509110226


EMSL Proj:  
Analysis Date: 1/18/2012

**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
396W7A-Flooring-2 041200397-0017B	2nd Fl Kitchen Floor - Vinyl Flooring	Various Fibrous Heterogeneous		85% Non-fibrous (other)	15% Chrysotile
			HA: 7		
396W7A-Flooring-Mastic 041200397-0017C	2nd Fl Kitchen Floor - Vinyl Flooring	Brown/Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 7		
396W7B-Flooring 041200397-0018	2nd Fl Kitchen Floor - Vinyl Flooring	Green Fibrous Heterogeneous	15% Cellulose 2% Glass	83% Non-fibrous (other)	None Detected
			HA: 7		
396W7B-Mastic 041200397-0018A	2nd Fl Kitchen Floor - Mastic	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 7		
396W7C-Flooring 041200397-0019	2nd Fl Kitchen Floor - Vinyl Flooring	Green Fibrous Heterogeneous	15% Cellulose 2% Glass	83% Non-fibrous (other)	None Detected
			HA: 7		

Initial report from 01/18/2012 06:55:53

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Project: 396 White St. #: 509110226

EMSL Proj:  
Analysis Date: 1/18/2012

**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
396W7C-Mastic <i>041200397-0019A</i>	2nd Fl Kitchen Floor - Mastic	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 7		
396W8A <i>041200397-0020</i>	2nd Fl Bathroom - Caulking	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 8		
396W8B <i>041200397-0021</i>	2nd Fl Bathroom - Caulking	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 8		
396W8C <i>041200397-0022</i>	2nd Fl Bathroom - Caulking	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 8		
396W9A <i>041200397-0023</i>	2nd Fl Bathroom - Vinyl Flooring	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 9		

Initial report from 01/18/2012 06:55:53

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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
396W9B 041200397-0024	2nd Fl Bathroom - Vinyl Flooring	White/Green Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 9		
396W9C 041200397-0025	2nd Fl Bathroom - Vinyl Flooring	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 9		
396W 10A 041200397-0026	Roof - Main - Roof - Composite	Various/Black Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected
			HA: 10		
396W 10B 041200397-0027	Roof - Main - Roof - Composite	Various/Black Fibrous Heterogeneous	8% Cellulose 20% Glass	72% Non-fibrous (other)	None Detected
			HA: 10		
396W 10C 041200397-0028	Roof - Shed - Roof - Composite	Various/Black Fibrous Heterogeneous	20% Glass	80% Non-fibrous (other)	None Detected
			HA: 10		

Cert.# PB278780

Initial report from 01/18/2012 06:55:53

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04/200367



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

Corporate - Cinnaminson, NJ  
 200 Route 130 North  
 Cinnaminson, NJ 08077  
 PHONE: 1-800-220-3676  
 FAX: (856) 786-5974

[Empty box for EMSL Order Number]

Company: KAS, Inc. EMSL-Bill to:  Same  Different  
 Street: 368 Ave D, Suite 15 PO Box 787 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: 1375 Airport Dr  
 Please Provide Results: Email Purchase Order: 509110226 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.

<b>PCM - Air</b> <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA <b>PLM - Bulk (reporting limit)</b> <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input checked="" 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%)	<b>TEM - Air</b> <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 <b>TEM - Bulk</b> <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 <b>TEM - Water: EPA 100.2</b> Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	<b>TEM - Dust</b> <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) <b>Soil/Rock/Vermiculite</b> <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) <b>Other:</b> <input type="checkbox"/>
--	--	---

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

Samplers Name: Amy King Samplers Signature: [Signature]

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
	See Attached		
			2012 JAN - 6 PM 3:10

Client Sample # (s): 1375ADIA - 1375AD/6C Total # of Samples: 45  
 Relinquished (Client): [Signature] Date: 12/28/11 Time: 1:15  
 Received (Lab): [Signature] Date: 1-6-12 Time: 3PM

Comments/Special Instructions: Vermont Sampling

041200367

4 of 7

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

PROJECT NO.: 509110226 SAMPLER: gblax SIGNATURE: [Signature]

CLIENT: Stantec Consulting Services, Inc. LOCATION: \_\_\_\_\_

55 Green Mountain Drive 1315 Aucourt Dr

South Burlington, VT 05403 S. Burlington, VT

SAMPLE TYPE:	Bulk	TURNAROUND TIME:	routine	BUILDING SURFACE	AMOUNT	DAMAGE
HA :	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION		
7	1375AD7a	1/12/11	PLM	laundry Room	Vinyl Flooring yellow 150 sqft	slgt. damaged
	1375AD7b					
	1375AD7c					
8	1375AD8a	1/12/11	PLM	Bedroom	Paper Under Door ~1000 sq	not damaged
	1375AD8b					
	1375AD8c					
9	1375AD9a	1/12/11	PLM	attic	Blown-in Insulation: ~100 sqft	not damaged
	1375AD9b					
	1375AD9c					

RELINQUISHED BY: [Signature] DATE/TIME: 1/15/11 RECEIVED BY: \_\_\_\_\_ DATE/TIME: \_\_\_\_\_

RELINQUISHED BY: \_\_\_\_\_ DATE/TIME: \_\_\_\_\_ RECEIVED BY: AR DATE/TIME: 2012 JAN -6 PM 3:10

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

RECEIVED  
EMMS  
CINNAMON

04/200367

597

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

PROJECT NO.: 50911022L SAMPLER: JB [Signature] SIGNATURE: [Signature]

CLIENT: Stantec Consulting Services, Inc. LOCATION: 1375 Airport Dr

55 Green Mountain Drive S. Burlington, VT

South Burlington, VT 05403

SAMPLE TYPE: Bulk TURNAROUND TIME: routine

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
10	1375AD10a	12/21/11	PLM	Sink-kitchen	Sink Material	102 ft	not damaged
	1375AD10b	12/21/11					
11	1375AD11a	12/21/11	PLM	Roof Main	Shingles	1000 sqft	not damaged
	1375AD11b						
	1375AD11c						
12	1375AD12a	12/21/11	PLM	Roof on Porch	Shingles	200 sqft	not damaged
	1375AD12b						
	1375AD12c						

RELINQUISHED BY: [Signature] DATE/TIME: 12/28/11 RECEIVED BY: [Signature] DATE/TIME: 1/15/12

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

2012 JAN -6 PM 3:10

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6077

041200367

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

PROJECT NO.: 50910226 SAMPLER: g/las SIGNATURE: *[Signature]*

CLIENT: Stantec Consulting Services, Inc. LOCATION: 1375 Airport Dr

55 Green Mountain Drive S. Burlington, VT

South Burlington, VT 05403

SAMPLE TYPE: Bulk TURNAROUND TIME: routine

HA SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
13 1375AD14a	12/14/11	PLM	Porch Windows	Window Caulking	24 ft	damaged
1375AD14b						
1375AD14c						
14 1375AD14a	12/14/11	PLM	Basement Window	Window Caulking	6 ft	damaged
1375AD14b						
1375AD14c						
15 1375AD14a	12/14/11	PLM	Shed Roof	Shingles	NSD sqft	damaged
1375AD14b						
1375AD14c						

RELINQUISHED BY: *[Signature]* DATE/TIME: 1/5/12 RECEIVED BY: *[Signature]* DATE/TIME: 1/5/12

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

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VERMONT ASBESTOS CONSULTING ENTITY LICENSE CE615423

2 of 7

PROJECT NO.: 509110226

SAMPLER: RL/aus

SIGNATURE: *[Signature]*

CLIENT: Stantec Consulting Services, Inc.

LOCATION:

55 Green Mountain Drive

1375 Airport Drive

South Burlington, VT 05403

S. Burlington, VT

SAMPLE TYPE: Bulk

TURNAROUND TIME: routine

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
1	1375AD1A	1/12/11	PLM	Kitchen	Vinyl Flooring -	~100 sq ft	damaged
	1375AD1B	1/12/11			with some white brown		↓
	1375AD1C						↓
2	1375AD2A	1/12/11	PLM	Kitchen	and Vinyl Flooring	~100 sq ft	damaged
	1375AD2B				Brown/gray		↓
	1375AD2C						↓
3	1375AD3A	1/12/11	PLM	Kitchen	Carpet mastic	~6 ft	damaged
	1375AD3B						↓

RELINQUISHED BY: *[Signature]* DATE/TIME: 1/8/11 RECEIVED BY: *[Signature]* DATE/TIME: 1/8/11

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

- COMMENTS:
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  - 3) Vermont samples
  - 4) HA - homogeneous area

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04/200367

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

PROJECT NO.: 509110226 SAMPLER: J. Galan SIGNATURE: *[Signature]*

CLIENT: Stantec Consulting Services, Inc. LOCATION: 1375 Airport Drive

55 Green Mountain Drive S. Burlington, VT

South Burlington, VT 05403

SAMPLE TYPE: Bulk TURNAROUND TIME: routine

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
4	1375AD1a	12/12/11	PLM	Basement windows	Window Casings (Ground)	~10ft	damaged
	1375AD1b						
	1375AD1c						
5	1375AD5a	12/12/11	PLM	Interior walls Laundry Room	Plaster	~800 sq ft	damaged
	1375AD5b			" - Bedroom		~300 sq ft	
	1375AD5c			" - Bedroom		~300 sq ft	
6	1375AD6a	12/12/11	PLM	Bedroom	Vinyl Flooring (w/ grey)	~100 sq ft	damaged
	1375AD6b						
	1375AD6c						

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

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4) HA - homogeneous area

REC'D  
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EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

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

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

Customer ID: KASI62
Customer PO: 509110226
Received: 01/06/12 3:00 PM
EMSL Order: 041200367

Fax: (802) 383-0490 Phone: (802) 383-0486
Project: 1375 Airport Dr

EMSL Proj:
Analysis Date: 1/18/2012

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

Table with 7 columns: Sample, Description, Appearance, % Fibrous, % Non-Fibrous, Asbestos % Type. Contains 5 rows of sample data.

Initial report from 01/18/2012 16:46:03

Analyst(s)
Anne Paul (17)
Naadira Carter (34)

Signature of Stephen Siegel

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

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



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Naadira Carter (34)

Handwritten signature of Stephen Siegel

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
1375AD3B-MASTIC <i>041200367-0008A</i>	KITCHEN - MASTIC	Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
1375AD4A <i>041200367-0009</i>	BASEMENT WINDOWS - WINDOW CAULKING (AROUND)	Gray Non-Fibrous Heterogeneous	5% Wollastonite	95% Non-fibrous (other)	None Detected
sample differs from next two in set					
1375AD4B <i>041200367-0010</i>	BASEMENT WINDOWS - WINDOW CAULKING (AROUND)	White Non-Fibrous Heterogeneous	10% Wollastonite	90% Non-fibrous (other)	None Detected
1375AD4C <i>041200367-0011</i>	BASEMENT WINDOWS - WINDOW CAULKING (AROUND)	Tan/White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
1375AD5A-Skim Coat <i>041200367-0012</i>	INTERIOR WALLS-LAUNDRY ROOM - PLASTER	White Non-Fibrous Heterogeneous		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
1375AD5A-Rough Coat <i>041200367-0012A</i>	INTERIOR WALLS-LAUNDRY ROOM - PLASTER	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
1375AD5B-Skim Coat <i>041200367-0013</i>	INTERIOR WALLS-BEDROOM - PLASTER	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
1375AD5B-Rough Coat <i>041200367-0013A</i>	INTERIOR WALLS-BEDROOM - PLASTER	Gray Fibrous Heterogeneous	3% Cellulose	97% Non-fibrous (other)	None Detected
1375AD5C-Skim Coat <i>041200367-0014</i>	INTERIOR WALLS-BEDROOM - PLASTER	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
1375AD5C-Rough Coat <i>041200367-0014A</i>	INTERIOR WALLS-BEDROOM - PLASTER	Gray Non-Fibrous Heterogeneous		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
1375AD6A 041200367-0015	BATHROOM - VINYL FLOORING-LITE GRAY	Gray Fibrous Heterogeneous	30% Cellulose 15% Glass	55% Non-fibrous (other)	None Detected
1375AD6B 041200367-0016	BATHROOM - VINYL FLOORING-LITE GRAY	Gray Fibrous Heterogeneous	30% Cellulose 15% Glass	55% Non-fibrous (other)	None Detected
1375AD6C 041200367-0017	BATHROOM - VINYL FLOORING-LITE GRAY	Brown/White Non-Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
1375AD7A 041200367-0018	LAUNDRY ROOM - VINYL FLOORING-LITE YELLOW	Yellow Fibrous Heterogeneous	30% Cellulose	55% Non-fibrous (other)	15% Chrysotile
1375AD7B 041200367-0019	LAUNDRY ROOM - VINYL FLOORING-LITE YELLOW				Stop Positive (Not Analyzed)

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
1375AD7C 041200367-0020	LAUNDRY ROOM - VINYL FLOORING-LITE YELLOW				Stop Positive (Not Analyzed)
1375AD8A 041200367-0021	BEDROOM - PAPER UNDER FLOOR	Black Fibrous Heterogeneous	80% Cellulose	20% Non-fibrous (other)	None Detected
1375AD8B 041200367-0022	BEDROOM - PAPER UNDER FLOOR	Black Fibrous Heterogeneous	80% Cellulose	20% Non-fibrous (other)	None Detected
1375AD8C 041200367-0023	BEDROOM - PAPER UNDER FLOOR	Black Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (other)	None Detected
1375AD9A 041200367-0024	ATTIC - BLOWN-IN INSULATION	Brown Fibrous Heterogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
1375AD9B 041200367-0025	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
1375AD9C <i>041200367-0026</i>	ATTIC - BLOWN-IN INSULATION	Brown Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
1375AD10A <i>041200367-0027</i>	SINK-KITCHEN - SINK MATERIAL	White Non-Fibrous Heterogeneous		98% Non-fibrous (other)	2% Chrysotile
1375AD10B <i>041200367-0028</i>	SINK-KITCHEN - SINK MATERIAL				Stop Positive (Not Analyzed)
1375AD11A <i>041200367-0029</i>	ROOF MAIN - SHINGLES	Gray/Black Fibrous Heterogeneous	15% Cellulose	85% Non-fibrous (other)	None Detected
1375AD11B <i>041200367-0030</i>	ROOF MAIN - SHINGLES	Black Fibrous Heterogeneous	15% Cellulose	85% Non-fibrous (other)	None Detected
1375AD11C <i>041200367-0031</i>	ROOF MAIN - SHINGLES	Black Non-Fibrous Heterogeneous	20% Glass	80% Non-fibrous (other)	None Detected

Initial report from 01/18/2012 16:46:03

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
1375AD13A <i>041200367-0035</i>	PORCH WINDOWS - WINDOW CAULKING	White Non-Fibrous Heterogeneous	20% Wollastonite	80% Non-fibrous (other)	None Detected
Suggest TEM					
1375AD13B <i>041200367-0036</i>	PORCH WINDOWS - WINDOW CAULKING	Gray/White Non-Fibrous Heterogeneous	20% Wollastonite	80% Non-fibrous (other)	None Detected
Suggest TEM					
1375AD13C <i>041200367-0037</i>	PORCH WINDOWS - WINDOW CAULKING	White Non-Fibrous Homogeneous	5% Wollastonite	95% Non-fibrous (other)	None Detected
1375AD14A <i>041200367-0038</i>	BASEMENT WINDOWS - WINDOW CAULKING	Various Non-Fibrous Heterogeneous	5% Wollastonite	95% Non-fibrous (other)	<1% Chrysotile
Suggest TEM					
1375AD14B <i>041200367-0039</i>	BASEMENT WINDOWS - WINDOW CAULKING	Gray Non-Fibrous Heterogeneous		98% Non-fibrous (other)	2% Chrysotile
sample differs from previous					

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Analyst(s)  

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*Naadira Carter (34)*

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Stephen Siegel, CIH, Laboratory Manager  
or other approved signatory

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



**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (800) 220-3675 Fax: (856) 786-5974 Email: [cinnaslab@EMSL.com](mailto:cinnaslab@EMSL.com)

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

Customer ID: KASI62  
Customer PO: 509110226  
Received: 01/06/12 3:00 PM  
EMSL Order: 041200367

Fax: (802) 383-0490 Phone: (802) 383-0486  
Project: 1375 Airport Dr

EMSL Proj:  
Analysis Date: 1/18/2012

**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
1375AD14C 041200367-0040	BASEMENT WINDOWS - WINDOW CAULKING				Stop Positive (Not Analyzed)
1375AD15A- Shingle1 041200367-0041	SHED ROOF - SHINGLES	White/Black Fibrous  Heterogeneous	20% Glass	80% Non-fibrous (other)	None Detected
1375AD15A- Shingle2 041200367-0041A	SHED ROOF - SHINGLES	Gray/Black Fibrous  Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
1375AD15B- Shingle 1 041200367-0042	SHED ROOF - SHINGLES	Black Non-Fibrous  Heterogeneous	20% Glass	80% Non-fibrous (other)	None Detected
1375AD15B- Shingle 2 041200367-0042A	SHED ROOF - SHINGLES	Black Fibrous  Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
1375AD16A 041200367-0043	UNDER SIDING - TAR PAPER	Black Fibrous Heterogeneous	80% Cellulose	20% Non-fibrous (other)	None Detected

Initial report from 01/18/2012 16:46:03

Analyst(s)  

---

Anne Paul (17)  
Naadira Carter (34)

---

Stephen Siegel, CIH, Laboratory Manager  
or other approved signatory

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EMSL Proj:  
Analysis Date: 1/18/2012

**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
1375AD16B <i>041200367-0044</i>	UNDER SIDING - TAR PAPER	Black Fibrous Heterogeneous	80% Cellulose	20% Non-fibrous (other)	None Detected
1375AD16C <i>041200367-0045</i>	UNDER SIDING - TAR PAPER	Black Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (other)	None Detected

VT Cert: PB122184 (NC) & PB111888 (AP)

Initial report from 01/18/2012 16:46:03

Analyst(s)

*Anne Paul (17)*  
*Naadira Carter (34)*

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041200392

**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) 786-5874



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 Ave 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: 1379 Airport Dr			
Please Provide Results: Email		Purchase Order: 509110226	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.

<b>PCM - Air</b> <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA <b>PLM - Bulk (reporting limit)</b> <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%)	<b>TEM - Air</b> <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 <b>TEM - Bulk</b> <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 <b>TEM - Water: EPA 100.2</b> Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	<b>TEM - Dust</b> <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) <b>Soil/Rock/Vermiculite</b> <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) <b>Other:</b> <input type="checkbox"/>
---	--	---

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

Samplers Name: *Amy King*    Samplers Signature: *[Signature]*

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
	<i>see attached</i>		

Client Sample # (s): <i>1379AD1a - 1379AD14c</i>	Total # of Samples: <i>39</i>
Relinquished (Client): <i>[Signature]</i>	Date: <i>12/28/11</i> Time: <i>1:24</i>
Received (Lab): <i>BW [Signature]</i>	Date: <i>1-6-12</i> Time: <i>3PM</i>

Comments/Special Instructions: Vermont Sampling *\*39b*

041200392

286

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

PROJECT NO.: 509110226 SAMPLER: JSL/et SIGNATURE: [Signature] LOCATION: 1379 Augusta Dr  
CLIENT: Stantec Consulting Services, Inc. 55 Green Mountain Drive S. Burlington, VT 05403

SAMPLE TYPE: Bulk TURNAROUND TIME: routine

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
1	1379AD1a	12/11	PLM	Basement	Window Casework	~8 ft	sig. damaged
	1379AD1b	↓	↓	↓	↓	↓	↓
	1379AD1c	↓	↓	↓	↓	↓	↓
2	1379AD2a	12/11	PLM	Basement Bathroom	linoleum Flooring	~200 sqft	damaged
	1379AD2b	↓	↓	↓	sub-grout system	↓	↓
	1379AD2c	↓	↓	↓	↓	↓	↓
3	1379AD3a	12/11	PLM	Basement	Staircase/JC	~400 sqft	damaged
	1379AD3b	↓	↓	↓	↓	↓	↓
	1379AD3c	↓	↓	↓	↓	↓	↓

RELINQUISHED BY: [Signature] DATE/TIME: 12/21/11 RECEIVED BY: [Signature] DATE/TIME: 1/24/12  
RELINQUISHED BY: [Signature] DATE/TIME: 1/24/12 RECEIVED BY: [Signature] DATE/TIME: 1/24/12

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

2012 JAN -6 PM 3:29

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396

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

PROJECT NO.: S09110226 SAMPLER: JO/AT SIGNATURE: [Signature]

CLIENT: Stantec Consulting Services, Inc. LOCATION: 1379 Airport Dr  
55 Green Mountain Drive S. Burlington, VT  
South Burlington, VT 05403

SAMPLE TYPE: Bulk TURNAROUND TIME: routine

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
4	1379AD14	12/14	PLM	Kitchen	Vinyl Flooring <sup>to</sup> <sub>east</sub> <sub>entry</sub>	N 100 sqft	damaged
	1379AD15						
	1379AD16						
5	1379AD5a	12/11	PLM	Living Room	Plaster	N 300 sqft	not damaged
	1379AD5b			Living Room		N 300 sqft	
	1379AD5c			Bedroom		N 150 sqft	
6	1379AD6a	12/11	PLM	Living Room	Pages under flooring	N 200 sqft	not damaged
	1379AD6b						
	1379AD6c						

RELINQUISHED BY: [Signature] DATE/TIME: 12/21/11 RECEIVED BY: [Signature] DATE/TIME: 12/21/11

RELINQUISHED BY: \_\_\_\_\_ DATE/TIME: \_\_\_\_\_ RECEIVED BY: \_\_\_\_\_ DATE/TIMER: \_\_\_\_\_

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

2012 JAN -6 PM 3:29  
CINNAMINSON  
FEDERAL  
EMS

041200392

486

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

PROJECT NO.: 509110226 SAMPLER: *SLab* SIGNATURE: *Ang K*

CLIENT: Stantec Consulting Services, Inc. LOCATION: 1379 Airport Dr

55 Green Mountain Drive S. Burlington, VT

South Burlington, VT 05403

SAMPLE TYPE: Bulk TURNAROUND TIME: routine

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
7	1379AD7A	1/4/11	PLM	Bathroom	vinyl flooring	~100 sq ft	damaged
	1379AD7B	↓	↓	↓	white wall		
	1379AD7C	↓	↓	↓	gray		
8	1379AD8A	12/11/11	PLM	kitchen	concrete molding/mastie	4 sq ft	not damaged
	1379AD8B	↓	↓	↓	↓	↓	↓
9	1379AD9A	12/12/11	PLM	kitchen	sink material	~2 sq ft	not damaged
	1379AD9B	↓	↓	↓	↓	↓	↓
10	1379AD10A	12/21/11	PLM	Attic	Blown-in-Insulation	~100 sq ft	damaged
	1379AD10B	↓	↓	↓	↓	↓	↓
	1379AD10C	↓	↓	↓	↓	↓	↓

RELINQUISHED BY: *Ang K* DATE/TIME: 1/24/12 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

2012 JAN -6 PM 3:29

REC'D  
EHS  
CHAMBERS

041200392

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

5 off

PROJECT NO: 509110226 SAMPLER: g2/ps SIGNATURE: [Signature]

CLIENT: Stantec Consulting Services, Inc. LOCATION: 1379 Airport Dr

55 Green Mountain Drive

South Burlington, VT 05403

SAMPLE TYPE: Bulk TURNAROUND TIME: routine

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
11	1379AD11a	12/21	PLM	Outside-Siding	Tax Papers	~400 sq ft	Not damaged
	1379AD11b						
	1379AD11c						
12	1379AD12a	12/21	PLM	Roof	Shingles	~400 sq ft	damaged
	1379AD12b						
	1379AD12c						
13	1379AD13a	12/21	PLM	Outside	Dry vent for	~2 ft	damaged
	1379AD13b						

RELINQUISHED BY: [Signature] DATE/TIME: 1/6/12 11:52 AM RECEIVED BY: \_\_\_\_\_ DATE/TIME: \_\_\_\_\_

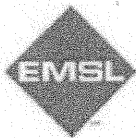
RELINQUISHED BY: \_\_\_\_\_ DATE/TIME: \_\_\_\_\_ RECEIVED BY: \_\_\_\_\_ DATE/TIMER: \_\_\_\_\_

- COMMENTS:
- 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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**Williston, VT 05495**

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Customer PO: 509110226  
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Fax: (802) 383-0490 Phone: (802) 383-0486  
Project: 1379 Airport Dr

EMSL Proj:  
Analysis Date: 1/18/2012

**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
1379AD1A 041200392-0001	BASEMENT - WINDOW CAULKING	Gray/White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
1379AD1B 041200392-0002	BASEMENT - WINDOW CAULKING	Gray/White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
1379AD1C 041200392-0003	BASEMENT - WINDOW CAULKING	Gray/White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
1379AD2A 041200392-0004	BASEMENT BATHROOM - LINOLEUM FLOORING-LITE GREEN/YELLOW	Various Fibrous Heterogeneous	20% Cellulose 5% Glass	75% Non-fibrous (other)	None Detected
1379AD2B 041200392-0005	BASEMENT BATHROOM - LINOLEUM FLOORING-LITE GREEN/YELLOW	Various Fibrous Heterogeneous	20% Cellulose 5% Glass	75% Non-fibrous (other)	None Detected

Initial report from 01/18/2012 07:01:16

Analyst(s)

Chris Little (6)  
Will DiBella (43)

Stephen Siegel, CIH, Laboratory Manager  
or other approved signatory

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EMSL Order: 041200392

Fax: (802) 383-0490 Phone: (802) 383-0486  
Project: 1379 Airport Dr

EMSL Proj:  
Analysis Date: 1/18/2012

**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
1379AD2C 041200392-0006	BASEMENT BATHROOM - LINOLEUM FLOORING-LITE GREEN/YELLOW	Various Fibrous Heterogeneous	20% Cellulose 3% Glass	77% Non-fibrous (other)	None Detected
1379AD3A-SHEETROCK 041200392-0007	BASEMENT - SHEETROCK	Brown/White Fibrous Heterogeneous	15% Cellulose 2% Glass	83% Non-fibrous (other)	None Detected
1379AD3A-JOINT COMPOUND 041200392-0007A	BASEMENT - JOINT COMPOUND	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
1379AD3B-SHEETROCK 041200392-0008	BASEMENT - SHEETROCK	Brown/White Fibrous Heterogeneous	15% Cellulose 2% Glass	83% Non-fibrous (other)	None Detected
1379AD3B-JOINT COMPOUND 041200392-0008A	BASEMENT - JOINT COMPOUND	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

Initial report from 01/18/2012 07:01:16

Analyst(s)

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Analysis Date: 1/18/2012

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

Table with 7 columns: Sample, Description, Appearance, % Fibrous, % Non-Fibrous, Asbestos % Type. Rows include samples like 1379AD3C-SHEETROCK, 1379AD3C-JOINT COMPOUND, 1379AD4A, 1379AD4B, and 1379AD4C-Linoleum.

initial report from 01/18/2012 07:01:16

Analyst(s)

Chris Little (6)
Will DiBella (43)

Signature of Stephen Siegel

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
1379AD4C-Mastic 041200392-0012A	KITCHEN - VINYL FLOORING-LITE GRAY W/ DARK GRAY	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
1379AD5A-Rough Coat 041200392-0013	LIVING ROOM - PLASTER	Gray Non-Fibrous Heterogeneous	2% Cellulose	98% Non-fibrous (other)	None Detected
1379AD5A-Skim Coat 041200392-0013A	LIVING ROOM - PLASTER	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
1379AD5B-Rough Coat 041200392-0014	LIVING ROOM - PLASTER	Gray Non-Fibrous Heterogeneous	3% Cellulose	97% Non-fibrous (other)	None Detected
1379AD5B-Skim Coat 041200392-0014A	LIVING ROOM - PLASTER	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

Initial report from 01/18/2012 07:01:16

Analyst(s)

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Will DiBella (43)

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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



**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

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

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

Customer ID: KASI62  
Customer PO: 509110226  
Received: 01/06/12 3:00 PM  
EMSL Order: 041200392

Fax: (802) 383-0490 Phone: (802) 383-0486  
Project: 1379 Airport Dr

EMSL Proj:  
Analysis Date: 1/18/2012

**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
1379AD5C-Rough Coat <i>041200392-0015</i>	BEDROOM - PLASTER	Gray Non-Fibrous Heterogeneous	2% Cellulose	98% Non-fibrous (other)	None Detected
1379AD5C-Skim Coat <i>041200392-0015A</i>	BEDROOM - PLASTER	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
1379AD6A <i>041200392-0016</i>	LIVING ROOM - PAPER UNDER FLOORING	Brown Fibrous Heterogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
1379AD6B <i>041200392-0017</i>	LIVING ROOM - PAPER UNDER FLOORING	Brown Fibrous Heterogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
1379AD6C <i>041200392-0018</i>	LIVING ROOM - PAPER UNDER FLOORING	Pink Fibrous Heterogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
1379AD7A <i>041200392-0019</i>	BATHROOM - VINYL FLOORING-WHITE W/ GRAY	Various Fibrous Heterogeneous	20% Cellulose 5% Glass	75% Non-fibrous (other)	None Detected

Initial report from 01/18/2012 07:01:16

Analyst(s)

Chris Little (6)  
Will DiBella (43)

Stephen Siegel, CIH, Laboratory Manager  
or other approved signatory

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EMSL Proj:
Analysis Date: 1/18/2012

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

Table with 7 columns: Sample, Description, Appearance, % Fibrous, % Non-Fibrous, Asbestos % Type. Rows include samples like 1379AD7B, 1379AD7C-Linoleum, 1379AD7C-Mastic, 1379AD8A-COVE MOLDING, 1379AD8A-MASTIC, 1379AD8B-COVE MOLDING.

Initial report from 01/18/2012 07:01:16

Analyst(s)

Chris Little (6)
Will DiBella (43)

Signature of Stephen Siegel

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
1379AD8B-MASTIC <i>041200392-0023A</i>	KITCHEN - MASTIC	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
1379AD9A <i>041200392-0024</i>	KITCHEN - SINK MATERIAL	White Non-Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
1379AD9B <i>041200392-0025</i>	KITCHEN - SINK MATERIAL	White Non-Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
1379AD10A <i>041200392-0026</i>	ATTIC - BLOWN-IN INSULATION	Gray Fibrous Heterogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
1379AD10B <i>041200392-0027</i>	ATTIC - BLOWN-IN INSULATION	Gray Fibrous Heterogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
1379AD10C <i>041200392-0028</i>	ATTIC - BLOWN-IN INSULATION	Grayish Fibrous Heterogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected

Initial report from 01/18/2012 07:01:16

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Will DiBella (43)

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EMSL Proj:  
Analysis Date: 1/18/2012

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
1379AD11A <i>041200392-0029</i>	OUTSIDE-SIDING - TAR PAPER	Black Fibrous Heterogeneous	80% Cellulose	20% Non-fibrous (other)	None Detected
1379AD11B <i>041200392-0030</i>	OUTSIDE-SIDING - TAR PAPER	Black Fibrous Heterogeneous	80% Cellulose	20% Non-fibrous (other)	None Detected
1379AD11C <i>041200392-0031</i>	OUTSIDE-SIDING - TAR PAPER	Black Fibrous Heterogeneous	80% Cellulose	20% Non-fibrous (other)	None Detected
1379AD12A <i>041200392-0032</i>	ROOF - SHINGLES	Gray/Black Non-Fibrous Heterogeneous	15% Glass	85% Non-fibrous (other)	None Detected
1379AD12B <i>041200392-0033</i>	ROOF - SHINGLES	Gray/Black Non-Fibrous Heterogeneous	15% Glass	85% Non-fibrous (other)	None Detected
1379AD12C <i>041200392-0034</i>	ROOF - SHINGLES	Gray/Black Non-Fibrous Heterogeneous	15% Glass	85% Non-fibrous (other)	None Detected

Initial report from 01/18/2012 07:01:16

Analyst(s)  

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*Chris Little (6)*  
*Will DiBella (43)*

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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
1379AD13A 041200392-0035	OUTSIDE - DRYER VENT TAR	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
1379AD13B 041200392-0036	OUTSIDE - DRYER VENT TAR	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
1379AD14A 041200392-0037	CEILING-LIVING RM - POPPY-CEILING	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
1379AD14B 041200392-0038	CEILING-LIVING RM - POPPY-CEILING	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
1379AD14C 041200392-0039	CEILING-LIVING RM - POPPY-CEILING	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

Cert.# PB018361 (WD) & PB278780 (CL)

Initial report from 01/18/2012 07:01:16

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**Asbestos Lab Services Chain of Custody**

EMSL Order Number (Lab Use Only):

011260377

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: 368 Avenue D, Suite 15 PO Box 787 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: 110 Airport Pky  
 Please Provide Results: Email Purchase Order: 509110226 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.

<b>PCM - Air</b> <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA <b>PLM - Bulk (reporting limit)</b> <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%)	<b>TEM - Air</b> <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 <b>TEM - Bulk</b> <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 <b>TEM - Water: EPA 100.2</b> Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	<b>TEM - Dust</b> <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) <b>Soil/Rock/Vermiculite</b> <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) <b>Other:</b> <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 JAN - 6 PM 3:35

Client Sample # (s): 110 AP1 - 110 AP 42 Total # of Samples: 42  
 Relinquished (Client): [Signature] Date: 1/3/12 Time: 14:00  
 Received (Lab): [Signature] USMAIL Date: 1-6-12 Time: 3PM

Comments/Special Instructions: Vermont Samples

04200377

Sh 2 of 5

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

PROJECT NO.: 509110226

SAMPLER: Peter Savinien  
SIGNATURE: 

CLIENT: Stantec Consulting Services, Inc.

LOCATION:


55 Green Mountain Drive

110 Airport Parkway

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	110AP1	1/19/11	PLM	Basement Chimney opening	Rocking	< 2 ft <sup>3</sup>	none
	1	110AP2						
	2	110AP3			Kitchen Sink	Sound Deadener	~ 2 ft <sup>3</sup>	none
	2	110AP4						
	3	110AP5			1 <sup>ST</sup> FLR Kitchen	Floor Tile/Mastic	~ 200 ft <sup>2</sup>	none
	3	110AP6			1 <sup>ST</sup> FLR Kitchen			
	3	110AP7			2 <sup>ND</sup> FLR S. Bedroom			
	110AP8				Bath	Floor Tile / Mastic	~ 100 ft <sup>2</sup>	none
	110AP9							
	110AP10							
	4	110AP13			1 <sup>ST</sup> FLR wall/ceiling	Plaster/Skimcoat	~ 2000 ft <sup>2</sup>	none
	4	110AP14						

RELINQUISHED BY:  DATE/TIME: 1/13/12 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

2012 JAN -6 PM 3:36

REC'D  
EMSA  
CINNAMON

041200577

Sh 3 y 8

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

PROJECT NO.: 509110226

SAMPLER: Peter Sanyal

SIGNATURE: Amy King

CLIENT: Stantec Consulting Services, Inc.

LOCATION:

55 Green Mountain Drive

110 Airport Parkway

South Burlington, VT 05403

South Burlington VT 05403

SAMPLE TYPE:	Bulk	TURNAROUND TIME:	routine				
HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
4	110AP15	1/11	PLM	1 <sup>st</sup> FLR walls Ceilings	Plaster/Skim Coat	~2000 ft	minor
5	110AP16			1 <sup>st</sup> / <sup>2</sup> FLR windows	glaze	~3 ft	damaged
5	110AP17						
5	110AP18						
6	110AP19			2 <sup>nd</sup> Floor	Sheet Rock	~1000 ft	minor
6	110AP20						
6	110AP21						
7	110AP22			1 <sup>st</sup> FLR S. END	9x9 Floor tile / mastic	~300 ft	unk
7	110AP23			UNDER Rug			
7	110AP24						
8	110AP25			GARAGE	single paper	~1000 ft	good
8	110AP26						

RELINQUISHED BY: [Signature] DATE/TIME: 1/3/12 RECEIVED BY: [Signature] DATE/TIME: 1/3/12

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

2012 JAN -6 PM 3:36

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CINNAPRIS

041200277

Sh 485

KAS, INC., P.O. BOX 787, WILLISTON, VT 05495 (802) 383-0486  
VERMONT ASBESTOS CONSULTING ENTITY LICENSE CE616423

PROJECT NO.: 509110226

SAMPLER: Amy King / Schuyler

CLIENT: Stantec Consulting Services, Inc.

LOCATION:

110 Air Port Parkway  
South Burlington, VT 05403

55 Green Mountain Drive  
South Burlington, VT 05403

SAMPLE TYPE:	Bulk	TURNAROUND TIME:	routine				
HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
8	110AP27	12/11	PLM	GARAGE	Siding Paper	~1000 #	good
9	110AP28			House	Siding Paper	~2000 #	good
9	110AP29						
9	110AP30						
10	110AP31	12/15	PLM	Main House Roof	Shingle	~800 #	significant
10	110AP32						
10	110AP33						
11	110AP34			Porch Roof	Shingle	~80 #	damaged
11	110AP35						
11	110AP36						
12	110AP37			Garage Roof	Shingle/tar paper	~40 #	none
12	110AP38						

RELINQUISHED BY: [Signature] DATE/TIME: 1/3/12 RECEIVED BY: [Signature] DATE/TIME: 1/3/12

RECEIVED BY: [Signature] DATE/TIME: 1/3/12  
COMMENTS: 1) Analyze each homogeneous group to first positive only  
2) PLM EPA 600-93/116  
3) Vermont samples  
4) HA - homogeneous area

2012 JAN -6 PM 3:36

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EMSL Proj:  
Analysis Date: 1/18/2012

**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
110AP1 <i>041200377-0001</i>	Basement Chimney Opening - Packing	Gray Non-Fibrous Homogeneous	HA: 1	100% Non-fibrous (other)	None Detected
110AP2 <i>041200377-0002</i>	Basement Chimney Opening - Packing	Gray Non-Fibrous Homogeneous	HA: 1	100% Non-fibrous (other)	None Detected
110AP3 <i>041200377-0003</i>	Kitchen Sink - Sound Deadener	Black Non-Fibrous Homogeneous	HA: 2	97% Non-fibrous (other)	3% Chrysotile
110AP4 <i>041200377-0004</i>	Kitchen Sink - Sound Deadener		HA: 2		Stop Positive (Not Analyzed)
110AP5-FT <i>041200377-0005</i>	1st Floor Kitchen - Floor Tile	Gray/Tan Non-Fibrous Homogeneous	HA: 3	100% Non-fibrous (other)	None Detected

Initial report from 01/18/2012 07:04:30

Analyst(s)

Nancy Stalter (17)  
Phong Nguyen (37)

Stephen Siegel, CIH, Laboratory Manager  
or other approved signatory

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
110AP5-Mastic 041200377-0005A	1st Floor Kitchen - Mastic	Yellow Non-Fibrous Homogeneous	HA: 3	100% Non-fibrous (other)	None Detected
110AP6-FT 041200377-0006	1st Floor Kitchen - Floor Tile	Gray/Tan Non-Fibrous Homogeneous	HA: 3	100% Non-fibrous (other)	None Detected
110AP6-Mastic 041200377-0006A	1st Floor Kitchen - Mastic	Yellow Non-Fibrous Homogeneous	HA: 3	100% Non-fibrous (other)	None Detected
110AP7-FT 041200377-0007	2nd Floor S.Bedroom - Floor Tile	Gray/Tan Non-Fibrous Homogeneous	HA: 3	100% Non-fibrous (other)	None Detected
110AP7-Mastic 041200377-0007A	2nd Floor S.Bedroom - Mastic	Yellow Non-Fibrous Homogeneous	HA: 3	100% Non-fibrous (other)	None Detected

Initial report from 01/18/2012 07:04:30

Analyst(s)

Nancy Stalter (17)  
Phong Nguyen (37)

Stephen Siegel, CIH, Laboratory Manager  
or other approved signatory

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



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

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

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

Customer ID: KASI62
Customer PO: 509110226
Received: 01/06/12 3:00 PM
EMSL Order: 041200377

Fax: (802) 383-0490 Phone: (802) 383-0486
Project: 110 Airport Pky #:509110226

EMSL Proj:
Analysis Date: 1/18/2012

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

Table with 6 columns: Sample, Description, Appearance, % Fibrous, % Non-Fibrous, % Type. Rows include samples 110AP8-FT, 110AP8-Mastic, 110AP9-FT, 110AP9-Mastic, and 110AP10-FT, all showing 100% Non-fibrous (other) and None Detected.

Initial report from 01/18/2012 07:04:30

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Signature of Stephen Siegel

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
110AP10-Mastic <i>041200377-0010A</i>	Bath - Mastic	Tan Non-Fibrous Homogeneous	HA: HO	100% Non-fibrous (other)	None Detected
110AP13-Skim Coat <i>041200377-0011</i>	1st Floor Walls/Ceiling - Plaster/Skimcoat	White Non-Fibrous Homogeneous	HA: 4	100% Non-fibrous (other)	None Detected
110AP13-Base Coat <i>041200377-0011A</i>	1st Floor Walls/Ceiling - Plaster/Skimcoat	Gray Non-Fibrous Homogeneous	HA: 4	100% Non-fibrous (other)	None Detected
110AP14-Skim Coat <i>041200377-0012</i>	1st Floor Walls/Ceiling - Plaster/Skimcoat	White/Various Non-Fibrous Homogeneous	HA: 4	100% Non-fibrous (other)	None Detected
110AP14-Base Coat <i>041200377-0012A</i>	1st Floor Walls/Ceiling - Plaster/Skimcoat	Gray Non-Fibrous Homogeneous	HA: 4	100% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
110AP15-Skim Coat <i>041200377-0013</i>	1st Floor Walls/Ceiling - Plaster/Skimcoat	White Non-Fibrous Homogeneous	HA: 4	100% Non-fibrous (other)	None Detected
110AP15-Base Coat <i>041200377-0013A</i>	1st Floor Walls/Ceiling - Plaster/Skimcoat	Gray Non-Fibrous Homogeneous	HA: 4	100% Non-fibrous (other)	None Detected
110AP16 <i>041200377-0014</i>	1st/2nd Floor Windows - Glaze	Gray/Tan Non-Fibrous Homogeneous	HA: 5	97% Non-fibrous (other)	3% Chrysotile
110AP17 <i>041200377-0015</i>	1st/2nd Floor Windows - Glaze		HA: 5		Stop Positive (Not Analyzed)
110AP18 <i>041200377-0016</i>	1st/2nd Floor Windows - Glaze		HA: 5		Stop Positive (Not Analyzed)

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

Table with 7 columns: Sample, Description, Appearance, % Fibrous, % Non-Fibrous, Asbestos % Type. Rows include samples like 110AP19-Sheetrock, 110AP19-Joint Compound, 110AP20-Sheetrock, 110AP20-Joint Compound, and 110AP21-Sheetrock.

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Table with 7 columns: Sample, Description, Appearance, % Fibrous, % Non-Fibrous, Asbestos % Type, and Stop Positive (Not Analyzed). Rows include samples 110AP21-Joint Compound, 110AP22-FT, 110AP22-Mastic, 110AP23-FT, and 110AP23-Mastic.

Initial report from 01/18/2012 07:04:30

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# EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

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

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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
110AP24-FT 041200377-0022	Under Rug - 9x9 Floor Tile	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
			HA: 7		
110AP24-Mastic 041200377-0022A	Under Rug - Mastic	Black Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
			HA: 7		
110AP25 041200377-0023	Garage - Siding Paper	Brown/Black Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
			HA: 8		
110AP26 041200377-0024	Garage - Siding Paper	Brown/Black Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
			HA: 8		
110AP27 041200377-0025	Garage - Siding Paper	Brown/Black Fibrous Homogeneous	15% Cellulose 5% Glass	80% Non-fibrous (other)	None Detected
			HA: 8		

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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
110AP28 <i>041200377-0026</i>	House - Siding Paper	Black Non-Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (other)	None Detected
			HA: 9		
110AP29 <i>041200377-0027</i>	House - Siding Paper	Black Non-Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (other)	None Detected
			HA: 9		
110AP30 <i>041200377-0028</i>	House - Siding Paper	Black Non-Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (other)	None Detected
			HA: 9		
110AP31 <i>041200377-0029</i>	Main House Roof - Shingle	Black Non-Fibrous Homogeneous	35% Cellulose	65% Non-fibrous (other)	None Detected
			HA: 10		
110AP32 <i>041200377-0030</i>	Main House Roof - Shingle	Black Non-Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (other)	None Detected
			HA: 10		

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
110AP33 <i>041200377-0031</i>	Main House Roof - Shingle	Black Non-Fibrous Homogeneous	35% Cellulose	65% Non-fibrous (other)	None Detected
			HA: 10		
110AP34 <i>041200377-0032</i>	Porch Roof - Shingle	Black Non-Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (other)	None Detected
			HA: 11		
110AP35 <i>041200377-0033</i>	Porch Roof - Shingle	Black Non-Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (other)	None Detected
			HA: 11		
110AP36 <i>041200377-0034</i>	Porch Roof - Shingle	Black Non-Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (other)	None Detected
			HA: 11		
110AP37-Shingle <i>041200377-0035</i>	Garage Roof - Shingle/tarpaper	Black Non-Fibrous Homogeneous	15% Glass	85% Non-fibrous (other)	None Detected
			HA: 12		

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Table with 7 columns: Sample, Description, Appearance, % Fibrous, % Non-Fibrous, Asbestos % Type. Contains 6 rows of sample analysis data.

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Handwritten signature of Stephen Siegel

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
110AP40-Shingle 041200377-0038	Garage Addition - Tar/Rolled Roof/Tarpaper	Black Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
			HA: 13		
110AP40-Tar Paper 041200377-0038A	Garage Addition - Tar/Rolled Roof/Tarpaper	Black Non-Fibrous Homogeneous	50% Cellulose	50% Non-fibrous (other)	None Detected
			HA: 13		
110AP41-Shingle 041200377-0039	Garage Addition - Tar/Rolled Roof/Tarpaper				Stop Positive (Not Analyzed)
			HA: 13		
110AP41-Tar Paper 041200377-0039A	Garage Addition - Tar/Rolled Roof/Tarpaper	Black Non-Fibrous Homogeneous	55% Cellulose	45% Non-fibrous (other)	None Detected
			HA: 13		
110AP42-Shingle 041200377-0040	Garage Addition - Tar/Rolled Roof/Tarpaper				Stop Positive (Not Analyzed)
			HA: 13		

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
110AP42-Tar Paper <i>041200377-0040A</i>	Garage Addition - Tar/Rolled Roof/Tarpaper	Black Non-Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected

HA: 13

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

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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



**Asbestos Lab Services Chain of Custody**

EMSL Order Number (Lab Use Only):

041200369

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

Company: KAS, Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 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: 120 Airport Pky			
Please Provide Results: Email		Purchase Order: 509110226	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.*

<b>PCM - Air</b> <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA	<b>TEM - Air</b> <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	<b>TEM - Dust</b> <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)
<b>PLM - Bulk (reporting limit)</b> <i>MK</i> <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%)	<b>TEM - Bulk</b> <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	<b>Soil/Rock/Vermiculite</b> <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)
<b>TEM - Water: EPA 100.2</b> Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking		<b>Other:</b> <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>		10/2 JAN - 10 P 3:37 RECEIVED EMSL CINNAMINSON, N.J.

SAMPLES ACCEPTED FOR ANALYSIS BY EMSL ANALYTICAL, INC.

Client Sample # (s):	<u>120 AP 1 - 120 AP 25</u>	Total # of Samples:	<u>25</u>
Relinquished (Client):	<i>[Signature]</i>	Date:	<u>1-3-12</u>
Received (Lab):	<u>KD USMA-L</u>	Date:	<u>1-6-12</u>
		Time:	<u>1400</u>
		Time:	<u>3:00 PM</u>

Comments/Special Instructions: Vermont Samples

*25b*

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

84204

PROJECT NO.: 509110226

SAMPLER: Amy King

SIGNATURE: [Signature]

CLIENT: Stantec Consulting Services, Inc.

LOCATION:

55 Green Mountain Drive

120 Airport Parkway

South Burlington, VT 05403

South Burlington, VT

SAMPLE TYPE: Bulk

TURNAROUND TIME:

routine

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
	1	12/9/11	PLM	2nd Floor walkway	Sheetrock Joint Comp.	~900 ft	minor
	1	120AP2					
	1	120AP3					
	2	120AP4		NE Bedroom	Sheet Flooring		none
	2	120AP5					
	2	120AP6					
	3	120AP7		Garage entrance to house	Sheet Flooring Matc	~36 ft	none
	3	120AP8					
	3	120AP9					
	4	120AP10		1st Floor Bath	Sheet Flooring Matc	~100 ft	good
	4	120AP11					
	4	120AP12					

RECEIVED  
 EMSL  
 CINNAMINSON, N.J.  
 2012 JAN - 6 P 3:37

RELINQUISHED BY: [Signature]

DATE/TIME: 1/3/12 14:30

RECEIVED BY:

DATE/TIME:

COMMENTS: 1) Analyze each homogeneous group to first positive only

DATE/TIME:

RECEIVED BY:

DATE/TIME:

- 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

SK 324

PROJECT NO.: 50911022C

SAMPLER: Amy King / Signature

CLIENT: Stantec Consulting Services, Inc.

LOCATION:

55 Green Mountain Drive

120 Airport Parkway  
 South Burlington, VT

South Burlington, VT 05403

SAMPLE TYPE: Bulk TURNAROUND TIME: routine

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
	5	12/9/14	PLM	Basement Bsk	Sheet Flooring	~40 ft	good/none
	5	12/14/15					
	6	12/01/16		Basement SE Room	Sheet Flooring	~200 ft	none
	6	12/01/17					
	6	12/01/18					
	7	12/01/19	PLM	Garage Roof	Shingles (layer) on paper	~400 ft	none
	7	12/01/20		House Roof			
	7	12/01/21		House Roof			
	7	12/01/22		House Roof			
	8	12/01/23		Attic			
	8	12/01/24		Attic	Blow in Insulation	~1200 ft	none

RELINQUISHED BY: [Signature] DATE/TIME: 1/31/12 14:00

RECEIVED BY: [Signature]

DATE/TIME: [Blank]

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  
 ENVIRONMENTAL ANALYTICAL INC

RECEIVED  
 ENVIRONMENTAL ANALYTICAL INC  
 CINCINNATI, OH





**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (800) 220-3675 Fax: (856) 786-5974 Email: [cinnaslab@EMSL.com](mailto:cinnaslab@EMSL.com)

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

Customer ID: KAS162  
Customer PO: 509110226  
Received: 01/06/12 3:00 PM  
EMSL Order: 041200369

Fax: (802) 383-0490 Phone: (802) 383-0486  
Project: 120 Airport Pky

EMSL Proj:  
Analysis Date: 1/18/2012

**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
120AP1-Drywall <i>041200369-0001</i>	2ND FLR WALLS/CEILING -  SHEETROCK/JOI NT COMPOUND	Brown/White Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected
120AP1-Joint Compound <i>041200369-0001A</i>	2ND FLR WALLS/CEILING -  SHEETROCK/JOI NT COMPOUND	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
120AP2-Drywall <i>041200369-0002</i>	2ND FLR WALLS/CEILING -  SHEETROCK/JOI NT COMPOUND	Brown/White Fibrous Heterogeneous	25% Cellulose	75% Non-fibrous (other)	None Detected
120AP2-Joint Compound <i>041200369-0002A</i>	2ND FLR WALLS/CEILING -  SHEETROCK/JOI NT COMPOUND	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

Initial report from 01/18/2012 15:19:12

Analyst(s)

*Erica Valent (37)*  
*Melissa Klinedinst (17)*

Stephen Siegel, CIH, Laboratory Manager  
or other approved signatory

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
120AP3-Drywall <i>041200369-0003</i>	2ND FLR WALLS/CEILING - SHEETROCK/JOINT COMPOUND	Brown/Gray Fibrous Heterogeneous	20%	Cellulose	80% Non-fibrous (other) <b>None Detected</b>
120AP3-Joint Compound <i>041200369-0003A</i>	2ND FLR WALLS/CEILING - SHEETROCK/JOINT COMPOUND	White Non-Fibrous Heterogeneous			100% Non-fibrous (other) <b>None Detected</b>
120AP4-Linoleum <i>041200369-0004</i>	NE BEDROOM - SHEET FLOORING	Gray/Blue/Beige Fibrous Heterogeneous	30% 10%	Cellulose Glass	60% Non-fibrous (other) <b>None Detected</b>
120AP4-Mastic <i>041200369-0004A</i>	NE BEDROOM - SHEET FLOORING	Yellow Non-Fibrous Heterogeneous			100% Non-fibrous (other) <b>None Detected</b>
120AP5-Linoleum <i>041200369-0005</i>	NE BEDROOM - SHEET FLOORING	Gray/Blue/Beige Fibrous Heterogeneous	30% 10%	Cellulose Glass	60% Non-fibrous (other) <b>None Detected</b>
120AP5-Mastic <i>041200369-0005A</i>	NE BEDROOM - SHEET FLOORING	Yellow Non-Fibrous Heterogeneous			100% Non-fibrous (other) <b>None Detected</b>

Initial report from 01/18/2012 15:19:12

Analyst(s)

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*Melissa Klinedinst (17)*

Stephen Siegel, CIH, Laboratory Manager  
or other approved signatory

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

Customer ID: KASI62  
Customer PO: 509110226  
Received: 01/06/12 3:00 PM  
EMSL Order: 041200369

Fax: (802) 383-0490 Phone: (802) 383-0486  
Project: 120 Airport Pky

EMSL Proj:  
Analysis Date: 1/18/2012

**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
120AP6-Linoleum <i>041200369-0006</i>	NE BEDROOM - SHEET FLOORING	Gray/Beige Fibrous Heterogeneous	30% Cellulose 10% Glass	60% Non-fibrous (other)	None Detected
120AP6-Mastic <i>041200369-0006A</i>	NE BEDROOM - SHEET FLOORING	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
120AP7-Linoleum <i>041200369-0007</i>	GARAGE ENTRANCE TO HOUSE - SHEET FLOORING/MASTIC	Gray/White Fibrous Heterogeneous	30% Cellulose 10% Glass	60% Non-fibrous (other)	None Detected
120AP7-Mastic <i>041200369-0007A</i>	GARAGE ENTRANCE TO HOUSE - SHEET FLOORING/MASTIC	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
120AP8-Linoleum <i>041200369-0008</i>	GARAGE ENTRANCE TO HOUSE - SHEET FLOORING/MASTIC	Gray/White Fibrous Heterogeneous	30% Cellulose 10% Glass	60% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
120AP8-Mastic 041200369-0008A	GARAGE ENTRANCE TO HOUSE - SHEET FLOORING/MASTIC	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
120AP9-Linoleum 041200369-0009	GARAGE ENTRANCE TO HOUSE - SHEET FLOORING/MASTIC	Gray/White Fibrous Heterogeneous	30% Cellulose 10% Glass	60% Non-fibrous (other)	None Detected
120AP9-Mastic 041200369-0009A	GARAGE ENTRANCE TO HOUSE - SHEET FLOORING/MASTIC	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
120AP10-Linoleum 041200369-0010	1ST FLR BATH - SHEET FLOORING/MASTIC	Gray/White Fibrous Heterogeneous	30% Cellulose 10% Glass	60% Non-fibrous (other)	None Detected
120AP10-Mastic 041200369-0010A	1ST FLR BATH - SHEET FLOORING/MASTIC	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

Initial report from 01/18/2012 15:19:12

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

Table with 7 columns: Sample, Description, Appearance, % Fibrous, % Non-Fibrous, % Type. Rows include samples like 120AP11-Linoleum, 120AP11-Mastic, 120AP12-Linoleum, 120AP12-Mastic, and 120AP13-Floor Tile.

Initial report from 01/18/2012 15:19:12

Analyst(s)

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Handwritten signature of Stephen Siegel

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Analysis Date: 1/18/2012

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

Table with 7 columns: Sample, Description, Appearance, % Fibrous, % Non-Fibrous, Asbestos % Type. Contains 6 rows of sample analysis data.

Initial report from 01/18/2012 15:19:12

Analyst(s)

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Handwritten signature of Stephen Siegel

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

Table with 7 columns: Sample, Description, Appearance, % Fibrous, % Non-Fibrous, Asbestos % Type. Rows include samples like 120AP15-Floor Tile, 120AP15-Mastic, 120AP15-Backing, 120AP16-Linoleum, and 120AP16-Mastic.

Initial report from 01/18/2012 15:19:12

Analyst(s)

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Signature of Stephen Siegel

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Table with 7 columns: Sample, Description, Appearance, % Fibrous, % Non-Fibrous, Asbestos % Type. Contains 6 rows of sample data.

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or other approved signatory

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Received: 01/06/12 3:00 PM  
EMSL Order: 041200369

Fax: (802) 383-0490 Phone: (802) 383-0486  
Project: 120 Airport Pky

EMSL Proj:  
Analysis Date: 1/18/2012

**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
120AP19-Shingle Gray <i>041200369-0019A</i>	GARAGE ROOF - SHINGLES (2 LAYER) TAR PAPER	Various/Black Non-Fibrous Heterogeneous	30% Glass	70% Non-fibrous (other)	None Detected
120AP19-Tar Paper <i>041200369-0019B</i>	GARAGE ROOF - SHINGLES (2 LAYER) TAR PAPER	Black Non-Fibrous Heterogeneous	70% Cellulose	30% Non-fibrous (other)	None Detected
120AP20-Shingle <i>041200369-0020</i>	HOUSE ROOF - SHINGLES (2 LAYER) TAR PAPER	Various/Black Non-Fibrous Heterogeneous	25% Cellulose	75% Non-fibrous (other)	None Detected
120AP20-Shingle <i>041200369-0020A</i>	HOUSE ROOF - SHINGLES (2 LAYER) TAR PAPER	Various/Black Non-Fibrous Heterogeneous	25% Glass	75% Non-fibrous (other)	None Detected
These two singles look very similar but one is made with cellulose the other with glass					
120AP20-Tar Paper <i>041200369-0020B</i>	HOUSE ROOF - SHINGLES (2 LAYER) TAR PAPER	Black Non-Fibrous Heterogeneous	70% Cellulose	30% Non-fibrous (other)	None Detected

Initial report from 01/18/2012 15:19:12

Analyst(s)  

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*Erica Valent (37)*  
*Melissa Klinedinst (17)*

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Stephen Siegel, CIH, Laboratory Manager  
or other approved signatory

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



# EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (800) 220-3675 Fax: (856) 786-5974 Email: [cinnaslab@EMSL.com](mailto:cinnaslab@EMSL.com)

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

Customer ID: KASI62  
Customer PO: 509110226  
Received: 01/06/12 3:00 PM  
EMSL Order: 041200369

Fax: (802) 383-0490 Phone: (802) 383-0486  
Project: 120 Airport Pky

EMSL Proj:  
Analysis Date: 1/18/2012

## 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
120AP21-Shingle <i>041200369-0021</i>	HOUSE ROOF - SHINGLES (2 LAYER) TAR PAPER	Various/Black Non-Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected
120AP21-Shingle <i>041200369-0021A</i>	HOUSE ROOF - SHINGLES (2 LAYER) TAR PAPER	Various/Black Non-Fibrous Heterogeneous	25% Glass	75% Non-fibrous (other)	None Detected
Once again shingles are similar but made with different material					
120AP21-Tar Paper <i>041200369-0021B</i>	HOUSE ROOF - SHINGLES (2 LAYER) TAR PAPER	Black Non-Fibrous Heterogeneous	70% Cellulose	30% Non-fibrous (other)	None Detected
120AP22-shingle - black <i>041200369-0022</i>	HOUSE ROOF - SHINGLES (2 LAYER) TAR PAPER	Black Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected
120AP22-shingle - gray <i>041200369-0022A</i>	HOUSE ROOF - SHINGLES (2 LAYER) TAR PAPER	Gray/Black Fibrous Heterogeneous	20% Glass	80% Non-fibrous (other)	None Detected

Initial report from 01/18/2012 15:19:12

Analyst(s)

*Erica Valent (37)*  
*Melissa Klinedinst (17)*

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

Table with 7 columns: Sample, Description, Appearance, % Fibrous, % Non-Fibrous, Asbestos % Type. Rows include samples 120AP22, 120AP23, 120AP24, and 120AP25, all showing 'None Detected' asbestos.

CERT. PB647790 (E.V.); CERT. PB067920 (M.K.)

Initial report from 01/18/2012 15:19:12

Analyst(s)
Erica Valent (37)
Melissa Klinedinst (17)

Signature of Stephen Siegel

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

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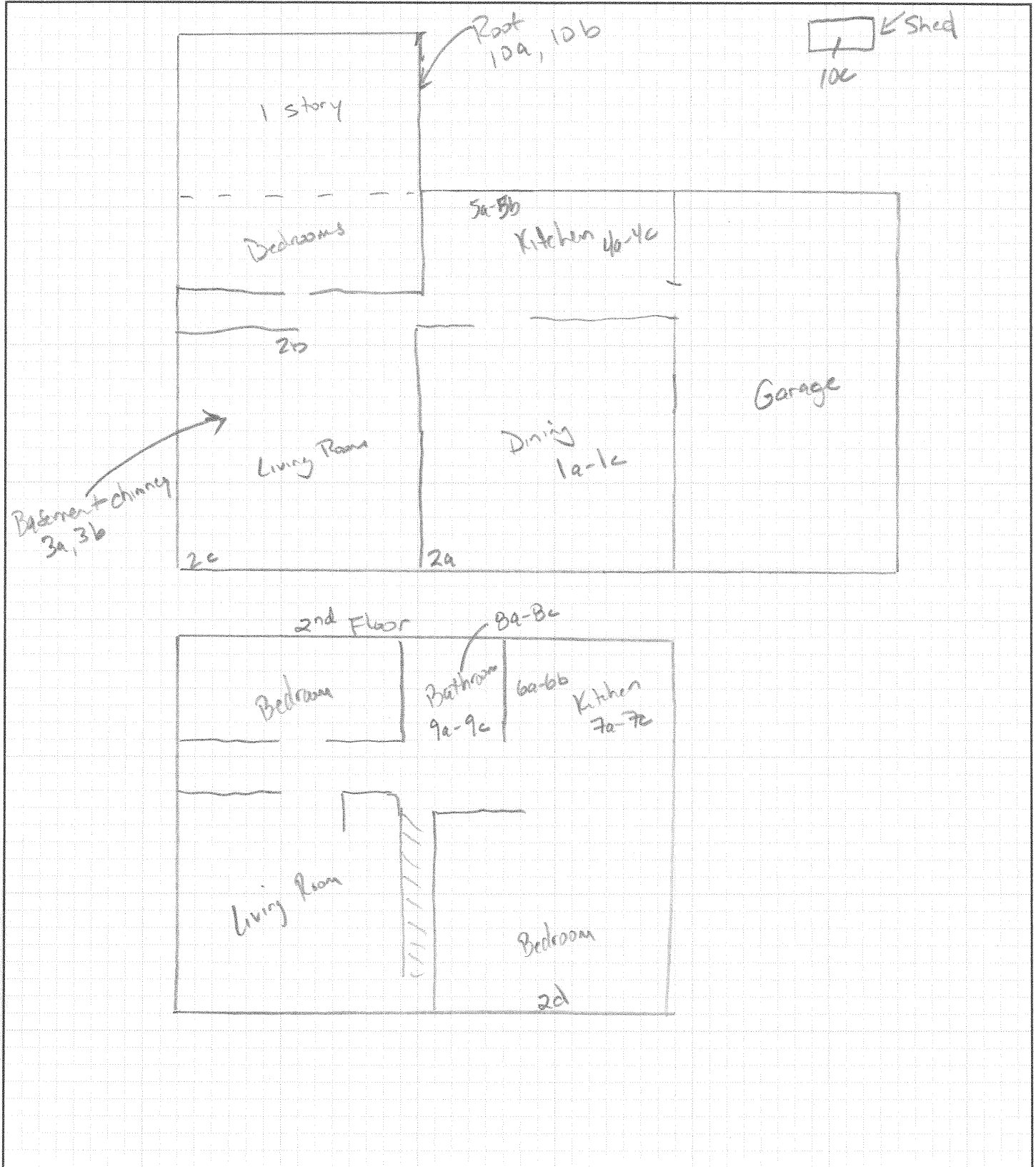
Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036

APPENDIX 3  
SITE SKETCHS



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

JOB 509110226  
 SHEET NO. 1 OF 1  
 CALCULATED BY AK DATE \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_ DATE \_\_\_\_\_  
 SCALE 396 White Street NTS





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

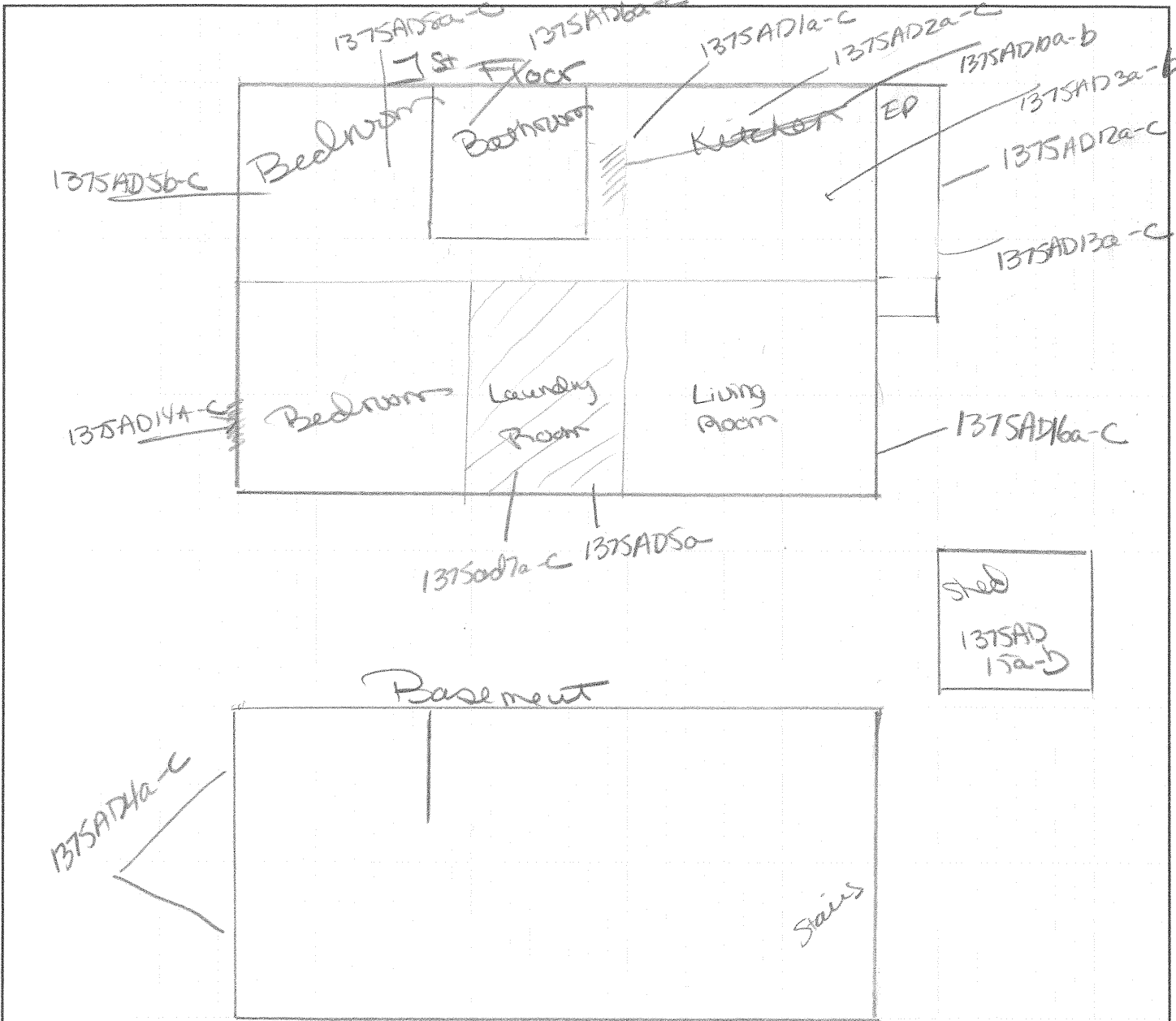
JOB 509110226

SHEET NO. 1 OF 1

CALCULATED BY AK DATE \_\_\_\_\_

CHECKED BY \_\_\_\_\_ DATE \_\_\_\_\_

SCALE 1375 Airport Drive VT



Attic - 1375AD9a-c  
 Roof - 1375AD11a-c  
 Porch Roof - 1375AD13a-c

\* Asbestos Siding - Transite  
 \* too much snow on Roof  
 to see chimney stack



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

JOB 589110220 1379 August Drive

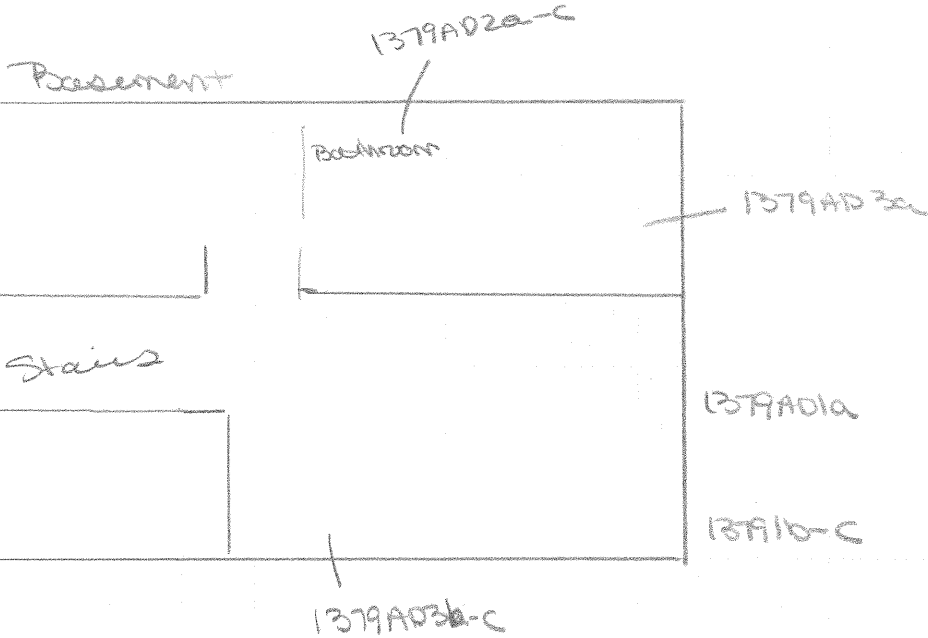
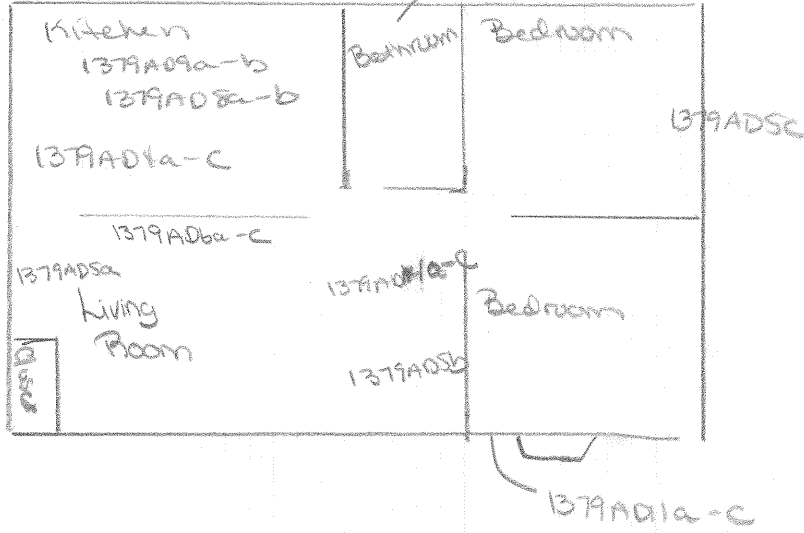
SHEET NO. 1 OF 1

CALCULATED BY AK DATE

CHECKED BY DATE

SCALE NTS

1st Floor 1379AD7a-c



Dryer Vault - 1379AD3a-b  
 Attic - 1379AD10a-c  
 Roof 1379AD12a-c



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

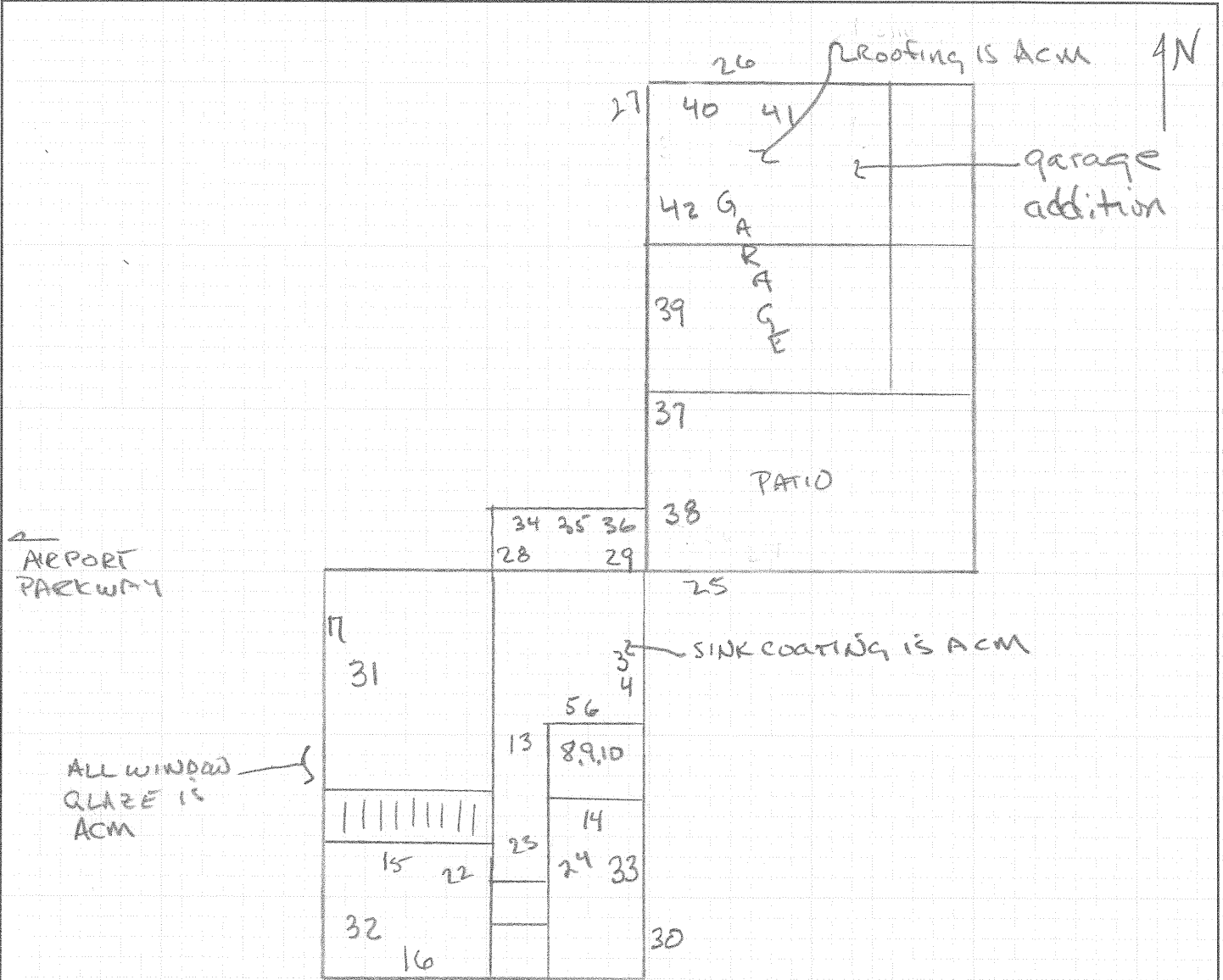
JOB 110 AIRPORT PARKWAY JOB 509110226

SHEET NO. 1 OF 2

CALCULATED BY PS DATE 1/24/12

CHECKED BY DATE

SCALE NTS





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 WILLISTON, VERMONT 05495  
 (802) 383-0486 Fax (802) 383-0490

JOB 110 AIRPORT PARKWAY - JOB 509110226

SHEET NO. 2 OF 2

CALCULATED BY PS DATE 1/24/12

CHECKED BY \_\_\_\_\_ DATE \_\_\_\_\_

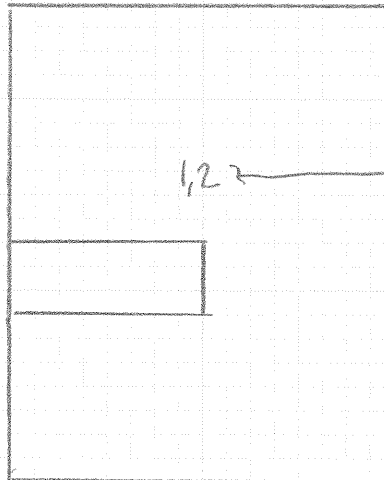
SCALE NTS

ALL WINDOW GLAZE  
 IS ACM → 2 18



SHEETROCK JOINT  
 COMPOUND IS ACM

2ND FLOOR



CHIMNEY PACKING  
 IS ACM

BASEMENT



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

JOB 120 Airport Parkway / Job 509110226

SHEET NO. 1 OF 1

CALCULATED BY PS DATE 1/24/12

CHECKED BY \_\_\_\_\_ DATE \_\_\_\_\_

SCALE NTS

