

**ASBESTOS INSPECTION REPORT**  
**200-202 Airport Parkway, 4, 6, 8, 10, and 12**  
**Picard Circle, 7 Shamrock Road and 400 White Street**  
**South Burlington, VT 05403**  
**AIP 74**

**February 9, 2012**

**KAS PROJECT # 509110222**

**PREPARED FOR:**

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

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

## TABLE OF CONTENTS

	Page
1. INSPECTION SUMMARY	1
2. INSPECTION METHODS	2
3. VERMONT REGULATIONS FOR ASBESTOS CONTROL (VRAC)	2
4. CERTIFICATION/ACCREDITATION	2
5. INSPECTION RESULTS	3
6. OBSERVATIONS AND RECOMMENDATIONS	3
TABLE 1 - INSPECTION RESULTS	5
APPENDIX 1 - KAS, INC. LICENSES/ CERTIFICATIONS	
APPENDIX 2 - LABORATORY ANALYSES RESULTS	
APPENDIX 3 SITE SKETCH	
APPENDIX 4 EPA VERMICULITE GUIDANCE	

1. INSPECTION SUMMARY

Nine vacant single family homes located at 200 & 202 Airport Parkway, 4, 6, 8, 10 & 12 Picard Circle, 400 White Street and 7 Shamrock Road, South Burlington, Vermont were inspected for the presence of asbestos containing materials (ACMs) December 12, 15 & 22, 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.

200 Airport Parkway – 11 different homogeneous suspect materials were identified and sampled in this house. Linoleum flooring in the kitchen (20% Chrysotile asbestos non friable) and 12"x12" floor tiles and mastic in the basement (5% and 8% Chrysotile asbestos respectively non friable) were determined to be ACM.

202 Airport Parkway – 10 different homogeneous suspect materials were identified and sampled in this house. No ACMs were identified.

2 Picard Circle - 10 different homogeneous suspect materials were identified and sampled in this house. No ACMs were identified.

4 Picard Circle - 6 different homogeneous suspect materials were identified and sampled in this house. No ACMs were identified.

6 Picard Circle - 9 different homogeneous suspect materials were identified and sampled in this house. No ACMs were identified.

8 Picard Circle - 5 different homogeneous suspect materials were identified and sampled in this house. No ACMs were identified.

10 Picard Circle - 9 different homogeneous suspect materials were identified and sampled in this house. No ACMs were identified.

12 Picard Circle - 11 different homogeneous suspect materials were identified and sampled in this house. No ACMs were identified.

400 White Street - 9 different homogeneous suspect materials were identified and sampled in this house. 12"x12" floor tiles in a bedroom (5% Chrysotile asbestos, mastic not ACM non friable) were determined to be ACM. In addition Vermiculite insulation in the attic has been assumed ACM.

7 Shamrock Road - 9 different homogeneous suspect materials were identified and sampled in this house. Beige 12"x12" floor tiles in a bedroom (2% Chrysotile asbestos, mastic not ACM non friable) and exterior window caulk (2% Chrysotile asbestos non friable) were determined to be ACM. In addition bathtub caulk was <1% asbestos containing which is not an asbestos containing material but VOSHA worker protection rules have to be followed when disturbing it

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

Table 1 summarizes the inspection results.

## 2. INSPECTION METHODS

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

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

## 3. VERMONT REGULATIONS FOR ASBESTOS CONTROL (VRAC)

The Vermont Regulations for Asbestos Control, as authorized by 18 VSA Chapter 26, detail the procedures, regulations, certifications and licenses required when disturbance of asbestos containing materials occurs in the State of Vermont. In essence, any company, individual or organization that disturbs asbestos containing materials or provides asbestos consulting or laboratory services must be certified by the State of Vermont. Personnel who conducted the inspection, bulk sample collections and laboratory analysis were properly certified by the State of Vermont and also possess current EPA approved training in asbestos site inspections and asbestos laboratory analysis.

## 4. CERTIFICATION/ACCREDITATION

Inspection Locations: 200-202 Airport Parkway, 4, 6, 8, 10, and 12 Picard Circle, 7 Shamrock Road and 400 White Street Picard Circle, South Burlington, VT

Inspection Dates: December 12, 15, and 22, 2011

Buildings Inspected: Nine vacant residential structures.

Inspector Certification/Accreditation:

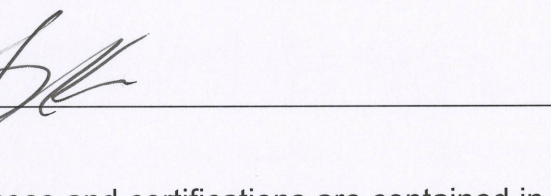
The personnel who conducted the inspection/bulk sampling of the facilities hold the following Certification/Accreditation program requirements:

Inspector:

Amy King: Vermont Asbestos Inspector - AI097744

Signature: 

Jeremy Roberts: Vermont Asbestos Inspector – AI127703

Signature: 

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

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

## 5. INSPECTION RESULTS

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

## 6. OBSERVATIONS AND RECOMMENDATIONS

### Building Comments:

The houses inspected consisted of older houses except for Picard Circle where the houses were relatively new. All were vacant and were to be demolished. In general the houses were in good condition. The houses were wood frame with some finished basements. The houses at 7, Shamrock and 200 – 202 Airport Parkway were one story while the ones located at 4, 6, 8, 10 and 12 Picard

Circle and 400 White Street were two story. The basements were mostly finished. The houses exhibited general renovations and additions. Heating systems and utilities had been either removed or shut off. Heating was generally with forced hot air.

Recommendations:

Houses at 202 Airport Parkway and 4,6,8,10 & 12 Picard Circle did not contain any asbestos containing materials. Regardless an EPA/ state notification of the demolition needs to be submitted to both Region 1 EPA and The State of Vermont Asbestos Control program at least 10 working days before any demolition efforts commence.

Prior to demolition the identified asbestos containing materials 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**  
200-202 AIRPORT PARKWAY, 4, 6, 8, 10, AND 12 PICARD CIRCLE, 7 SHAMROCK ROAD AND 400  
WHITE STREET, SOUTH BURLINGTON, VT

HA/SAMPLE # LOCATION	MATERIAL	ANALYTICAL RESULTS	QUANTITY/ CONDITION
<b>200 AIRPORT PARKWAY</b>			
<b>1/200AP1-3</b> Kitchen flr	linoleum flooring	20% Chrysotile	~150 sq. feet, damaged
2/200AP4-6 Bathroom	vinyl flooring	not ACM	
3/200AP7-9 1 <sup>st</sup> flr – various	sheetrock/joint compound/plaster	not ACM	
4/200AP10-12 Bathroom	tub caulking	not ACM	
5/200AP13-15 Interior windows	window caulking	not ACM	
<b>6/200AP16-18</b> Basement	<b>12"x12" floor tile/mastic</b>	<b>5% Chrysotile, floor tile</b> <b>8% Chrysotile, mastic</b>	<b>~150 sq. feet,</b> <b>good</b>
7/200AP19-20 Basement chimney	chimney caulking	not ACM	
8/200AP21-23 Basement fireplace	plaster	not ACM	
9/200AP24-26 Attic	insulation	not ACM	
10/200AP27-29 House roof	asphalt shingle	not ACM	
11/200AP30-32 Exterior windows	window caulking	not ACM	
<b>202 AIRPORT PARKWAY</b>			
1/202AP1-3 Kitchen flr	9"x9" floor tile/ mastic	not ACM	
2/202AP4-6 1 <sup>st</sup> flr - various	plaster/sheetrock/joint compound	not ACM	
3/202AP7-9 Bathroom	12"x12" floor tile/mastic	not ACM	
4/202AP10-12 Dining room	sheet flooring/mastic	not ACM	
5/202AP13-15 Living room	flooring paper	not ACM	

**TABLE 1 – INSPECTION RESULTS SUMMARY**  
**200-202 AIRPORT PARKWAY, 4, 6, 8, 10, AND 12 PICARD CIRCLE, 7 SHAMROCK ROAD AND 400**  
**WHITE STREET, SOUTH BURLINGTON, VT**

HA/SAMPLE # LOCATION	MATERIAL	ANALYTICAL RESULTS	QUANTITY/ CONDITION
<b>202 AIRPORT PARKWAY (continued)</b>			
6/202AP16-18 Basement	12"x12" floor tile/mastic	not ACM	
7/202AP19-21 Basement windows	window caulking	not ACM	
8/202AP22-24 Basement	linoleum flooring	not ACM	
9/202AP25-26 Basement chimney	chimney caulking	not ACM	
10/202AP27-29 House roof	asphalt shingle	not ACM	
<b>4 PICARD CIRCLE</b>			
1/4P1a-1c Kitchen	12"x12" vinyl tiles	not ACM	
2/4P2a-2c Kitchen	vinyl flooring	not ACM	
3/4P3a-3c 1 <sup>st</sup> flr - various	sheetrock/ joint compound	not ACM	
4/4P4a-4c Bathroom	linoleum flooring	not ACM	
5/4P5a-5c Attic	insulation	not ACM	
6/4P6a-6c House roof	asphalt shingles	not ACM	
9/6P24-26 Attic	blown in insulation Note: insulation is same as HA 9 at adjacent 6 Picard Circle – samples 6P24-26)	not ACM	
<b>6 PICARD CIRCLE</b>			
1/6P1-3 House roof	asphalt shingles	not ACM	
2/6P4-6 Basement	ceiling tiles	not ACM	
3/6P7-9 Basement	12"x12" vinyl flooring	not ACM	
4/6P10-12 1 <sup>st</sup> floor	vinyl flooring	not ACM	

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**WHITE STREET, SOUTH BURLINGTON, VT**

HA/SAMPLE # LOCATION	MATERIAL	ANALYTICAL RESULTS	QUANTITY/ CONDITION
<b>6 PICARD CIRCLE (continued)</b>			
5/6P13-15 1 <sup>st</sup> , 2 <sup>nd</sup> floor	sheetrock/ joint compound	not ACM	
6/6P16-17 Entry way, 1 <sup>st</sup> floor	12"x12" vinyl flooring	not ACM	
7/6P18-20 2 <sup>nd</sup> floor bathroom	12"x12" vinyl flooring	not ACM	
8/6P21-23 2 <sup>nd</sup> floor bathroom	linoleum flooring	not ACM	
9/6P24-26 Attic	insulation	not ACM	
<b>8 PICARD CIRCLE</b>			
1/8P1-3 1 <sup>st</sup> 2 <sup>nd</sup> Floor	sheetrock/ joint compound	not ACM	
2/8P4-6 2 <sup>nd</sup> Floor Bathroom	linoleum flooring	not ACM	
3/8P7-9 Kitchen	linoleum flooring	not ACM	
4/8P10-12 Attic	insulation	not ACM	
5/8P13-15 House roof	asphalt shingles	not ACM	
<b>10 PICARD CIRCLE</b>			
1/10P1-3 House roof	asphalt shingles	not ACM	
2/10P4-6 Dining room	flooring paper	not ACM	
3/10P7-9 2 <sup>nd</sup> floor bathroom	linoleum flooring	not ACM	
4/10P10-12 2 <sup>nd</sup> floor bathroom	vinyl flooring	not ACM	
5/10P13-15 1 <sup>st</sup> floor	sheetrock/ joint compound	not ACM	
6/10P16-18 Attic	insulation	not ACM	

**TABLE 1 – INSPECTION RESULTS SUMMARY**  
**200-202 AIRPORT PARKWAY, 4, 6, 8, 10, AND 12 PICARD CIRCLE, 7 SHAMROCK ROAD AND 400**  
**WHITE STREET, SOUTH BURLINGTON, VT**

HA/SAMPLE # LOCATION	MATERIAL	ANALYTICAL RESULTS	QUANTITY/ CONDITION
<b>10 PICARD CIRCLE (continued)</b>			
7/10P19-21 Basement	ceiling tile	not ACM	
8/10P22-23 Kitchen	sound deadener	not ACM	
9/10P24-26 Kitchen	linoleum flooring	not ACM	
<b>12 PICARD CIRCLE</b>			
1/12P1-3 Dining room	12"x12" purple floor tile/mastic	not ACM	
2/12P4-6 Dining room	12"x12" white floor tile/mastic	not ACM	
3/12P7-9 Kitchen	linoleum flooring	not ACM	
4/12P10-12 1 <sup>st</sup> & 2 <sup>nd</sup> floor	sheetrock/ joint compound	not ACM	
5/12P13-15 2 <sup>nd</sup> fl - bathroom	linoleum flooring	not ACM	
6/12P16-18 Attic	insulation	not ACM	
7/12P19-21 2 <sup>nd</sup> floor bathroom	12"x12" vinyl flooring	not ACM	
8/12P22-23 Kitchen	sound deadener	not ACM	
9/12P24-26 Bedroom	12"x12" vinyl flooring	not ACM	
10/12P27-29 Shed roof	asphalt shingles	not ACM	
11/12P30-32 House roof	asphalt shingles/tar paper	not ACM	
<b>7 SHAMROCK ROAD</b>			
1/7S1-3 Kitchen	12"x12" vinyl tiles	not ACM	
2/7S4-6 Kitchen	linoleum flooring	not ACM	

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**WHITE STREET, SOUTH BURLINGTON, VT**

HA/SAMPLE # LOCATION	MATERIAL	ANALYTICAL RESULTS	QUANTITY/ CONDITION
<b>7 SHAMROCK ROAD (continued)</b>			
3/7S7-9 Throughout	sheetrock/ joint compound	not ACM	
<b>4/7S10-12 Bedroom</b>	<b>12"x12" floor tile/mastic</b>	<b>2% Chrysotile mastic not ACM</b>	<b>~200 sq ft, damaged</b>
5/7S13-15 Bathroom	tub caulking	not ACM, <1% Chrysotile	
6/7S16-18 Attic	insulation	not ACM	
7/7S19-20 Kitchen sink	sound deadener	not ACM	
8/7S21-23 House roof	asphalt shingles	not ACM	
<b>9/7S24-26 Exterior windows</b>	<b>window caulking</b>	<b>2% Chrysotile</b>	<b>&lt;10 lin. Feet, damaged</b>
<b>400 WHITE STREET</b>			
1/400W1-3 Bathroom	linoleum flooring	not ACM	
2/400W4-6 Kitchen	flooring paper	not ACM	
<b>3/400W7-9 1<sup>st</sup> flr - various</b>	<b>plaster/sheetrock/joint compound</b>	<b>3% Chrysotile</b>	<b>&gt;1,000 sqft good</b>
<b>4/400W10-12 1<sup>st</sup> &amp; 2<sup>nd</sup> floor - various</b>	<b>poppy ceiling</b>	<b>3% Chrysotile</b>	<b>~200 sqft, good</b>
5/400W13-15 Basement	window caulking	not ACM	
<b>6/400W16-17 Basement</b>	<b>chimney caulking</b>	<b>2% Chrysotile</b>	<b>~2 sqft, good</b>
7/400W18-20 Exterior – under siding	tar paper	not ACM	
8/400W21-22 Shed	window caulking	not ACM	
9/400W23-25 House roof	shingles/tar paper composite	not ACM	
10/400W26-28 Porch roof	<b>tar paper</b>	<b>3% Chrysotile</b>	<b>~200 sqft, good</b>

**TABLE 1 – INSPECTION RESULTS SUMMARY**  
**200-202 AIRPORT PARKWAY, 4, 6, 8, 10, AND 12 PICARD CIRCLE, 7 SHAMROCK ROAD AND 400**  
**WHITE STREET, SOUTH BURLINGTON, VT**

HA/SAMPLE # LOCATION	MATERIAL	ANALYTICAL RESULTS	QUANTITY/ CONDITION
<b>400 WHITE STREET (continued)</b>			
11/400W29-31 Shed roof	tar paper/shingles	not ACM	
<b>Vermiculite insulation Attic</b>		<b>Assumed ACM</b>	<b>~800 sqft none</b>

Notes:

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

**APPENDIX 1**

**KAS LICENSES/ CERTIFICATIONS**

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



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

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

<b>Company:</b> KAS, Inc.		<b>EMSL-Bill to:</b> <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>	
<b>Street:</b> 368 Ave D, Suite 15 PO Box 787			
<b>City/State/Zip:</b> williston, VT 05495			
<b>Report To (Name):</b> Peter Schuyler		<b>Fax:</b> 802-383-0490	
<b>Telephone:</b> 802-383-0486		<b>Email Address:</b> peters@kas-consulting.com	
<b>Project Name/Number:</b> 200 Airport PW			
<b>Please Provide Results:</b> Email		<b>Purchase Order:</b> 509110222	
		<b>State Samples Taken:</b> 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:</b> EPA 100.2 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		

<b>Client Sample # (s):</b> 200AP1 - 200AP32	<b>Total # of Samples:</b> 32
<b>Relinquished (Client):</b> <i>[Signature]</i>	<b>Date:</b> 12/28/11 <b>Time:</b> 1:20
<b>Received (Lab):</b> <i>[Signature]</i>	<b>Date:</b> 1/6/12 <b>Time:</b> 3PM

**Comments/Special Instructions:** Vermont Sampling

041200402

265

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

PROJECT NO.: 509110222 SAMPLER: Ch18B SIGNATURE: Chung

CLIENT: Stantec Consulting Services, Inc. LOCATION: 200 Quippen Parkway  
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
1	200AP1	12/21/11	PLM	Kitchen	linoleum - Tan w/ Green	N 150 sq ft	damaged
	200AP2	↓	↓	↓	↓	↓	↓
	200AP3	↓	↓	↓	↓	↓	↓
2	200AP4	12/21/11	PLM	Bathroom	Vinyl Flooring - <sup>Green</sup> Tan w/ Green	N 150 sq ft	damaged
	200AP5	↓	↓	↓	↓	↓	↓
	200AP6	↓	↓	↓	↓	↓	↓
3	200AP7	12/21/11	PLM	Kitchen	Sheetrock / Gypsum	N 150 sq ft	damaged sign.
	200AP8	↓	↓	Bedroom	↓	N 150 sq ft	↓
	200AP9	↓	↓	Dining Room	↓	N 150 sq ft	↓

RELINQUISHED BY: Chung DATE/TIME: 1/28/12 1:28 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 3:19

HEALTH  
EMERGENCY  
SERVICES  
CINNAPRIS

041200402

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

345

PROJECT NO.: 509110222 SAMPLER: AKR SIGNATURE: [Signature]

CLIENT: Stantec Consulting Services, Inc. LOCATION: 200 Airport Parkway  
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	200AP10	12/21/11	PLM	Basement	Tubo Countertop	104 ft	damaged
	200AP11	↓	↓	↓	↓	↓	↓
	200AP12	↓	↓	↓	↓	↓	↓
5	200AP13	12/21/11	PLM	Windows	Window Countertop	120 ft	damaged
	200AP14	↓	↓	↓	↓	↓	↓
	200AP15	↓	↓	↓	↓	↓	↓
6	200AP16	12/21/11	PLM	Basement Bar Room	Flooring - Base w/ Board	150 sq ft	not damaged
	200AP17	↓	↓	↓	↓	↓	↓
	200AP18	↓	↓	↓	↓	↓	↓

RELINQUISHED BY: [Signature] DATE/TIME: 1/12/12 RECEIVED BY: [Signature] 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 3:19

RECEIVED  
EMSG  
CINNAMON

041200402

405

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

PROJECT NO.: 50910222 SAMPLER: AK/gh SIGNATURE: Ang S

CLIENT: Stantec Consulting Services, Inc. LOCATION: 200 Airport Parkway

55 Green Mountain Drive

South Burlington, VT 05403

SAMPLE TYPE: Bulk TURNAROUND TIME: routine

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
7	2009P19	12/21/11	PUM	Basement Furnace	Chimney Caulking	N2 sq ft	damaged
	2009P20	↓	↓	↓	↓	↓	↓
8	2009P21	12/21/11	PUM	Basement Fireplace	Plaster	N4 ft	Not damaged
	2009P22	↓	↓	↓	↓	↓	↓
	2009P23	↓	↓	↓	↓	↓	↓
9	2009P24	12/21/11	PUM	Attic	Blowin Insulation	N100 sq ft	damaged
	2009P25	↓	↓	↓	↓	↓	↓
	2009P26	↓	↓	↓	↓	↓	↓

RELINQUISHED BY: Ang S DATE/TIME: 12/28/11 1:20 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

2012 JAN -6 PM 3:19

RECEIVED  
EMSA  
CINNAMON

041200402 585

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

PROJECT NO.: 509110222 SAMPLER: Chilif SIGNATURE: Aug 15

CLIENT: Stantec Consulting Services, Inc. LOCATION: 200 Airport Parkway  
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	200AP27	1/12/11	PLM	Roofs	Shingles	~1000 sq ft	Not damaged
	200AP28	↓	↓	↓	↓	↓	↓
	200AP29	↓	↓	↓	↓	↓	↓
11	200AP30	1/22/11	PLM	Windows - Outside	Window Casings	~6 sq ft	damaged
	200AP31	↓	↓	↓	↓	↓	↓
	200AP32	↓	↓	↓	↓	↓	↓

RELINQUISHED BY: Aug 15 DATE/TIME: 1/23/11 1:20 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 3:19

VERMONT ASBESTOS CONSULTING ENTITY LICENSE CE615423



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

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

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

Customer ID: KASI62
Customer PO: 509110222
Received: 01/06/12 3:00 PM
EMSL Order: 041200402

Fax: (802) 383-0490 Phone: (802) 383-0486
Project: 200 Airport PW / #509110222

EMSL Proj:
Analysis Date: 1/17/2012

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 01/17/2012 15:32:37

Analyst(s)

Frank Dicrescenzo (23)
Juli Patel (10)

Handwritten signature of Stephen Siegel

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

EMSL maintains liability limited to the cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval or endorsement by NVLAP, NIST or any agency of the federal government. The test results contained within this report meet the requirements of NELAC unless otherwise specified. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request.

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



EMSL Analytical, Inc.

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

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

Customer ID: KAS162
Customer PO: 509110222
Received: 01/06/12 3:00 PM
EMSL Order: 041200402

Fax: (802) 383-0490 Phone: (802) 383-0486
Project: 200 Airport PW / #509110222

EMSL Proj:
Analysis Date: 1/17/2012

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 4 rows of sample data.

Initial report from 01/17/2012 15:32:37

Analyst(s)

Frank Dicrescenzo (23)
Juli Patel (10)

Handwritten signature of Stephen Siegel

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EMSL Proj:
Analysis Date: 1/17/2012

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 200AP8-Sheetrock, 200AP8-Plaster, 200AP8-SRJC-Joint Compound, and 200AP9-SRJC.

Initial report from 01/17/2012 15:32:37

Analyst(s)

Frank Dicrescenzo (23)
Juli Patel (10)

Signature of Stephen Siegel

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Received: 01/06/12 3:00 PM
EMSL Order: 041200402

Fax: (802) 383-0490 Phone: (802) 383-0486
Project: 200 Airport PW / #509110222

EMSL Proj:
Analysis Date: 1/17/2012

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 200AP9-Plaster, 200AP10-Caulking, 200AP11-Caulking, 200AP12-Caulking, 200AP13-Caulking, and 200AP14-Caulking.

Initial report from 01/17/2012 15:32:37

Analyst(s)

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EMSL Proj:
Analysis Date: 1/17/2012

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, % Asbestos. Rows include samples like 200AP15-Caulking, 200AP16-Floor Tile, 200AP16-Mastic, 200AP17-Floor Tile, and 200AP17-Mastic.

Initial report from 01/17/2012 15:32:37

Analyst(s)

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

Table with 7 columns: Sample, Description, Appearance, % Fibrous, % Non-Fibrous, Asbestos % Type. Rows include samples like 200AP18-Floor Tile, 200AP18-Mastic, 200AP19-Caulking, 200AP20-Caulking, and 200AP21-Plaster.

Initial report from 01/17/2012 15:32:37

Analyst(s)

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Project: 200 Airport PW / #509110222

EMSL Proj:
Analysis Date: 1/17/2012

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 200AP22-Plaster, 200AP23-Plaster, 200AP24-Insulation, 200AP25-Insulation, 200AP26-Insulation, and 200AP27-Shingles.

Initial report from 01/17/2012 15:32:37

Analyst(s)

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**PO Box 787**  
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Customer PO: 509110222  
Received: 01/06/12 3:00 PM  
EMSL Order: 041200402

Fax: (802) 383-0490 Phone: (802) 383-0486  
Project: 200 Airport PW / #509110222

EMSL Proj:  
Analysis Date: 1/17/2012

**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
200AP28-Shingles <i>041200402-0028</i>	ROOF - SHINGLES	Black Fibrous Heterogeneous	15% Glass	85% Non-fibrous (other)	None Detected
200AP29-Shingles <i>041200402-0029</i>	ROOF - SHINGLES	White/Black Fibrous Heterogeneous	15% Glass	85% Non-fibrous (other)	None Detected
200AP30-Caulking <i>041200402-0030</i>	WINDOW - OUTSIDE - WINDOW CAULKING	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
Recommend TEM					
200AP31-Caulking <i>041200402-0031</i>	WINDOW - OUTSIDE - WINDOW CAULKING	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
Recommend TEM					
200AP32-Caulking <i>041200402-0032</i>	WINDOW - OUTSIDE - WINDOW CAULKING	Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
Recommend TEM					

CERT. PB091486 (F.D.); CERT. PB091886 (J.P.)

Initial report from 01/17/2012 15:32:37

Analyst(s)

*Frank Dicrescenzo (23)*  
*Juli Patel (10)*

Stephen Siegel, CIH, Laboratory Manager  
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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):

041200403

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

Company: KAS, Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments** Third Party Billing requires written authorization from third party	
Street: 368 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: 202 Airport PW			
Please Provide Results: Email		Purchase Order: 509110222	
		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:</b> EPA 100.2 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: *Any King*    Samplers Signature: *[Signature]*

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

Client Sample # (s): <i>202AP1 - 202AP29</i>	Total # of Samples: <i>29</i>
Relinquished (Client): <i>[Signature]</i>	Date: <i>12/28/11</i> Time: <i>1:21</i>
Received (Lab): <i>BW O USMAIL</i>	Date: <i>1.6.12</i> Time: <i>3PM</i>

Comments/Special Instructions: Vermont Sampling

295

041200403

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

PROJECT NO.: 509110222 SAMPLER: [Signature] SIGNATURE: [Signature]

CLIENT: Stantec Consulting Services, Inc. LOCATION: 202 Airport Parkway  
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
1	202AP1	12/22/11	PLM	Kitchen	9"x9" Tile - <sup>Lower</sup> Edge	~130 sq ft	Not damaged
	202AP2	↓	↓	↓	↓	↓	↓
	202AP3	↓	↓	↓	↓	↓	↓
2	202AP4	12/22/11	PLM	Living Room	Sheetrock / sc Plaster	~150 sq ft	damaged
	202AP5	↓	↓	Bedroom	↓	~200 sq ft	↓
	202AP6	↓	↓	Kitchen	↓	~200 sq ft	↓
3	202AP7	12/22/11	PLM	Bathroom	<del>10" x 12"</del> 12" x 12" Tile - <sup>Lower</sup> Edge	~50 sq ft	damaged
	202AP8	↓	↓	↓	↓	↓	↓
	202AP9	↓	↓	↓	↓	↓	↓

RELINQUISHED BY: [Signature] DATE/TIME: 1/2/12 RECEIVED BY: [Signature] DATE/TIME: 1/2/12

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 3:17

RECEIVED  
EMSI  
CINNAMINS

3025

041200403

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

PROJECT NO.: 509110222 SAMPLER: AKYR SIGNATURE: Aug 15

CLIENT: Stantec Consulting Services, Inc. LOCATION: 202 Airport Parkway  
55 Green Mountain Drive S. Burlington, VT  
South Burlington, VT 05403

SAMPLE TYPE:	Bulk	TURNAROUND TIME:	routine	BUILDING SURFACE	AMOUNT	DAMAGE
4	202AP10	1/12/11	PLM	Dining Room	Sheet floor-Light Brown	N200 sqft. Not damaged
	202AP11	↓	↓	↓	↓	↓
	202AP12	↓	↓	↓	↓	↓
5	202AP13	1/12/11	PLM	Living Room	Paper under floor	N200 sqft. Not damaged
	202AP14	↓	↓	↓	↓	↓
	202AP15	↓	↓	↓	↓	↓
6	202AP16	12/14/11	PLM	Basement	12" x 12" floor Tile <sup>marble</sup> cream	N100 sqft. Damaged
	202AP17	↓	↓	↓	↓	↓
	202AP18	↓	↓	↓	↓	↓

RELINQUISHED BY: Aug 15 DATE/TIME: 12/28/11 RECEIVED BY: \_\_\_\_\_ DATE/TIME: \_\_\_\_\_

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

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

2012 JAN -6 PM 3:17

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EPA  
CINNAMON

4 of 5

041200403

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

PROJECT NO.: 309110222 SAMPLER: as/lg SIGNATURE: Ang S

CLIENT: Stantec Consulting Services, Inc. LOCATION: 202 Airport Parkway

55 Green Mountain Drive S. Burlington, VT 05403

SAMPLE TYPE: Bulk TURNAROUND TIME: routine

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
7	200AP19	12/22/11	PM	Basement windows	Window Casework	24 ft	damaged
	200AP20	↓	↓	↗	↘	↘	↘
	200AP21	↓	↓	↗	↘	↘	↘
8	200AP22	12/21/11	PM	Basement floor	linoleum - <sup>terrazzo</sup> base in 100 sq ft		damaged
	200AP23	↓	↓	↗	↘	↘	↘
	200AP24	↓	↓	↗	↘	↘	↘
9	200AP25	12/21/11	PM	Basement	Chimney Casework	2 sq ft	damaged
	200AP26	↓	↓	↗	↘	↘	↘

RELINQUISHED BY: Ang S DATE/TIME: 1/2/12 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: 17

NEW  
EM  
CINNAMON





**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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**Williston, VT 05495**

Customer ID: KAS162  
Customer PO: 509110222  
Received: 01/06/12 3:00 PM  
EMSL Order: 041200403

Fax: (802) 383-0490 Phone: (802) 383-0486  
Project: **202 Airport PW #: 509110222**

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
202AP1-Floor Tile <i>041200403-0001</i>	Kitchen - 9x9 Tile - Light Purple	Gray Non-Fibrous Heterogeneous	HA: 1	100% Non-fibrous (other)	None Detected
202AP1-Mastic <i>041200403-0001A</i>	Kitchen - 9x9 Tile - Light Purple	Brown Non-Fibrous Heterogeneous	HA: 1	100% Non-fibrous (other)	None Detected
202AP2-Floor Tile <i>041200403-0002</i>	Kitchen - 9x9 Tile - Light Purple	Gray Non-Fibrous Heterogeneous	HA: 1	100% Non-fibrous (other)	None Detected
202AP2-Mastic <i>041200403-0002A</i>	Kitchen - 9x9 Tile - Light Purple	Brown Non-Fibrous Heterogeneous	HA: 1	100% Non-fibrous (other)	None Detected
202AP3-Floor Tile <i>041200403-0003</i>	Kitchen - 9x9 Tile - Light Purple	Gray Non-Fibrous Heterogeneous	HA: 1	100% Non-fibrous (other)	None Detected

Initial report from 01/18/2012 17:58:35

Analyst(s)

*Frank Dicrescenzo (24)*  
*Juli Patel (8)*

*Phong Nguyen (11)*

Stephen Siegel, CIH, Laboratory Manager  
or other approved signatory

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



**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: 509110222  
Received: 01/06/12 3:00 PM  
EMSL Order: 041200403

Fax: (802) 383-0490 Phone: (802) 383-0486  
Project: **202 Airport PW #: 509110222**


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
202AP3-Mastic 041200403-0003A	Kitchen - 9x9 Tile - Light Purple	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 1		
202AP4-SR 041200403-0004	Living Room - Sheetrock	Gray Non-Fibrous Heterogeneous	2% Cellulose	98% Non-fibrous (other)	None Detected
			HA: 2		
202AP4-JC 041200403-0004A	Living Room - JC	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 2		
202AP4-Plaster 041200403-0004B	Living Room - Plastic				Insufficient Material
			HA: 2		
202AP5-SR 041200403-0005	Bedroom - Sheetrock	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 2		

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
202AP5-JC <i>041200403-0005A</i>	Bedroom - JC	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 2		
202AP5-Plaster <i>041200403-0005B</i>	Bedroom - Plastic				Insufficient Material
			HA: 2		
202AP6-SR <i>041200403-0006</i>	Kitchen - Sheetrock	Gray Non-Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
			HA: 2		
202AP6-JC <i>041200403-0006A</i>	Kitchen - JC	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 2		
202AP6-Plaster <i>041200403-0006B</i>	Kitchen - Plastic	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 2		

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
202AP7-Floor Tile <i>041200403-0007</i>	Bathroom - 12X12 Tile - Grey	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 3		
202AP7-Mastic <i>041200403-0007A</i>	Bathroom - 12X12 Tile - Grey	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 3		
202AP8-Floor Tile <i>041200403-0008</i>	Bathroom - 12X12 Tile - Grey	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 3		
202AP8-Mastic <i>041200403-0008A</i>	Bathroom - 12X12 Tile - Grey	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 3		
202AP9-Floor Tile <i>041200403-0009</i>	Bathroom - 12X12 Tile - Grey	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
			HA: 3		

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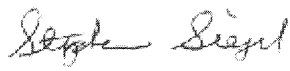
EMSL Proj:  
Analysis Date: 1/18/2012

**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
202AP9-Mastic 041200403-0009A	Bathroom - 12X12 Tile - Grey	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
			HA: 3		
202AP10 041200403-0010	Dining Room - Sheet Floor - Light Brown	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 4		
202AP11 041200403-0011	Dining Room - Sheet Floor - Light Brown	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 4		
202AP12-Floor Tile 041200403-0012	Dining Room - Sheet Floor - Light Brown	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
			HA: 4		
202AP12-Mastic 041200403-0012A	Dining Room - Sheet Floor - Light Brown	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 4		

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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
202AP13 041200403-0013	Living Room - Paper under Floor	Brown/Orange Fibrous Heterogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
			HA: 5		
202AP14 041200403-0014	Living Room - Paper under Floor	Brown/Orange Fibrous Heterogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
			HA: 5		
202AP15 041200403-0015	Living Room - Paper under Floor	Brown/Red Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
			HA: 5		
202AP16-FT 041200403-0016	Basement - 12x12 Floor Tile - Cream	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 6		
202AP16-Mastic 041200403-0016A	Basement - Mastic	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 6		

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Project: 202 Airport PW #: 509110222


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
202AP17-FT 041200403-0017	Basement - 12x12 Floor Tile - Cream	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 6		
202AP17-Mastic 041200403-0017A	Basement - Mastic	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 6		
202AP18-FT 041200403-0018	Basement - 12x12 Floor Tile - Cream	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
			HA: 6		
202AP18-Mastic 041200403-0018A	Basement - Mastic	Tan/Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
			HA: 6		
202AP19 041200403-0019	Basement Windows - Window Caulking	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 7		

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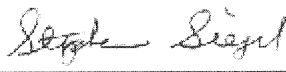
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Analysis Date: 1/18/2012

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
202AP20 041200403-0020	Basement Windows - Window Caulking	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 7		
202AP21 041200403-0021	Basement Windows - Window Caulking	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
			HA: 7		
202AP22 041200403-0022	Basement Floor - Linoleum - tan w/Brown Lines	Tan Fibrous Heterogeneous	15% Cellulose 5% Glass	80% Non-fibrous (other)	None Detected
			HA: 8		
202AP23 041200403-0023	Basement Floor - Linoleum - tan w/Brown Lines	Tan Fibrous Heterogeneous	15% Cellulose 5% Glass	80% Non-fibrous (other)	None Detected
			HA: 8		
202AP24 041200403-0024	Basement Floor - Linoleum - tan w/Brown Lines	Gray Non-Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (other)	None Detected
			HA: 8		

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
202AP25 <i>041200403-0025</i>	Basement - Chimney Caulking	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 9		
202AP26 <i>041200403-0026</i>	Basement - Chimney Caulking	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
			HA: 9		
202AP27 <i>041200403-0027</i>	Roof - Shingles	Gray/Black Fibrous Heterogeneous	20% Glass	80% Non-fibrous (other)	None Detected
			HA: 10		
202AP28 <i>041200403-0028</i>	Roof - Shingles	Gray/Black Fibrous Heterogeneous	20% Glass	80% Non-fibrous (other)	None Detected
			HA: 10		
202AP29 <i>041200403-0029</i>	Roof - Shingles	Black Non-Fibrous Homogeneous	30% Glass	70% Non-fibrous (other)	None Detected
			HA: 10		

Vermont Certification #: PB091486 (F.D.); PB042487 (P.N.); PB091886 (J.P.)

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

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

011200393

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: 4 Picard			
Please Provide Results: Email		Purchase Order: 509110222	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%) <i>mk</i> <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): *4P1a - 4P6c*    Total # of Samples: *18*

Relinquished (Client): *[Signature]*    Date: *12/28/11*    Time: *1:30*

Received (Lab): *BW ASHAR*    Date: *1.6.12*    Time: *3PM*

Comments/Special Instructions: Vermont Sampling

283

04/200383

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

PROJECT NO.: 509110222 SAMPLER: yglaus SIGNATURE: [Signature]

CLIENT: Stantec Consulting Services, Inc. LOCATION: 4 Beard

55 Green Mountain Drive S. Burlington, VT

South Burlington, VT 05403

SAMPLE TYPE:	Bulk	TURNAROUND TIME:	routine	BUILDING SURFACE	AMOUNT	DAMAGE
1	4P1a	12/11	PLM	Kitchen	12x12" sub-cbn. Tile	~100 sq ft damaged
	4P1b	↓	↓	↓	no good	↓
	4P1c	↓	↓	↓		↓
2	4P2a	12/11	PLM	Kitchen	plastic vinyl floor	~100 sq ft not damaged
	4P2b	↓	↓	↓		↓
	4P2c	↓	↓	↓		↓
3	4P3a	12/11	PLM	Kitchen	stainless steel	~200 sq ft damaged
	4P3b	↓	↓	↓		↓
	4P3c	↓	↓	↓		↓

RELINQUISHED BY: [Signature] DATE/TIME: 12/11/07 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

2012 JAN -6 PM 3:27

RECEIVED  
EMS  
CINNAMON

04/200393

303

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

*[Handwritten Signature]*

PROJECT NO.: 509110222 SAMPLER: 88106 SIGNATURE: *[Handwritten Signature]*

CLIENT: Stantec Consulting Services, Inc. LOCATION: H Picard

55 Green Mountain Drive South Burlington, VT 05403 S. Burlington, VT

SAMPLE TYPE:	Bulk	TURNAROUND TIME:	routine				
HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
4	4P4a	2/12/11	PLM	Basement	Hardwood Flooring	~100 sqft	damaged
	4P4b	↓	↓	↓	white gray wall	↓	↓
	4P4c	↓	↓	↓	damaged gray	↓	↓
5	4P5a	2/12/11	PLM	2nd Floor	Blow-in Insulation	~50 sqft	damaged
	4P5b	↓	↓	↓	↓	↓	↓
	4P5c	↓	↓	↓	↓	↓	↓
6	4P6a	2/12/11	PLM	Roof	Shingles	1000 sqft	damaged
	4P6b	↓	↓	↓	↓	↓	↓
	4P6c	↓	↓	↓	↓	↓	↓

RELINQUISHED BY: *[Handwritten Signature]* DATE/TIME: 1/25/11 1:30 RECEIVED BY: \_\_\_\_\_ DATE/TIME: \_\_\_\_\_

RELINQUISHED BY: *[Handwritten Signature]* DATE/TIME: \_\_\_\_\_ RECEIVED BY: \_\_\_\_\_ DATE/TIME: \_\_\_\_\_

COMMENTS: 2012 JAN -6 PM 3:27

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

RECEIVED  
 EMS  
 CINNAMOND



**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: 509110222  
Received: 01/06/12 3:00 PM  
EMSL Order: 041200393

Fax: (802) 383-0490 Phone: (802) 383-0486  
Project: #: 509110222 4 Picard

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**

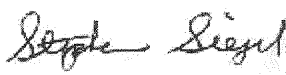
Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
4P1a-Floor Tile <i>041200393-0001</i>	Kitchen - 12x12 Self-adh Tile - Light Grey	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 1		
4P1a-Mastic <i>041200393-0001A</i>	Kitchen - 12x12 Self-adh Tile - Light Grey	Clear Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 1		
4P1b-Floor Tile <i>041200393-0002</i>	Kitchen - 12x12 Self-adh Tile - Light Grey	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 1		
4P1b-Mastic <i>041200393-0002A</i>	Kitchen - 12x12 Self-adh Tile - Light Grey	Clear Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 1		
4P1c-Floor Tile <i>041200393-0003</i>	Kitchen - 12x12 Self-adh Tile - Light Grey	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 1		

Initial report from 01/18/2012 11:26:40

Analyst(s)  

---

*Erica Valent (22)*  
*Melissa Klinedinst (8)*

---

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: 509110222  
Received: 01/06/12 3:00 PM  
EMSL Order: 041200393

Fax: (802) 383-0490 Phone: (802) 383-0486  
Project #: 509110222 4 Picard

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
4P1c-Mastic 041200393-0003A	Kitchen - 12x12 Self-adh Tile - Light Grey	Clear Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 1		
4P2a-Linoleum 041200393-0004	Kitchen - 2nd Layer - Vinyl Beige	Gray/Beige Fibrous Heterogeneous	30% Cellulose 10% Glass	60% Non-fibrous (other)	None Detected
			HA: 2		
4P2a-Mastic 041200393-0004A	Kitchen - 2nd Layer - Vinyl Beige	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 2		
4P2b-Linoleum 041200393-0005	Kitchen - 2nd Layer - Vinyl Beige	Gray/Beige Fibrous Heterogeneous	30% Cellulose 10% Glass	60% Non-fibrous (other)	None Detected
			HA: 2		
4P2b-Mastic 041200393-0005A	Kitchen - 2nd Layer - Vinyl Beige	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 2		

Initial report from 01/18/2012 11:26:40

Analyst(s)  

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*Melissa Klinedinst (8)*

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Project #: 509110222 4 Picard

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**

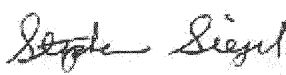
Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
4P2c-Linoleum 041200393-0006	Kitchen - 2nd Layer - Vinyl Beige	Gray/Beige Fibrous Heterogeneous	30% Cellulose 10% Glass	60% Non-fibrous (other)	None Detected
			HA: 2		
4P2c-Mastic 041200393-0006A	Kitchen - 2nd Layer - Vinyl Beige	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 2		
4P3a-SR 041200393-0007	Kitchen - Sheetrock	Brown/White Fibrous Heterogeneous	25% Cellulose 10% Glass	65% Non-fibrous (other)	None Detected
			HA: 3		
4P3a-JC 041200393-0007A	Kitchen - JC	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 3		
4P3b-SR 041200393-0008	Living Room - Sheetrock	Brown/White Fibrous Heterogeneous	20% Cellulose 15% Glass	65% Non-fibrous (other)	None Detected
			HA: 3		

Initial report from 01/18/2012 11:26:40

Analyst(s)  

---

*Erica Valent (22)*  
*Melissa Klinedinst (8)*

---

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Customer PO: 509110222  
Received: 01/06/12 3:00 PM  
EMSL Order: 041200393

Fax: (802) 383-0490 Phone: (802) 383-0486  
Project: #: 509110222 4 Picard

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
4P3b-JC <i>041200393-0008A</i>	Living Room - JC	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 3		
4P3c-SR <i>041200393-0009</i>	Hallway - Sheetrock	Brown/White Fibrous Heterogeneous	20% Cellulose 10% Glass	70% Non-fibrous (other)	None Detected
			HA: 3		
4P3c-JC <i>041200393-0009A</i>	Hallway - JC	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 3		
4P4a-Linoleum <i>041200393-0010</i>	Bathroom - Linoleum Flooring Light/Dark Grey	Gray/Beige Fibrous Heterogeneous	30% Cellulose 10% Glass	60% Non-fibrous (other)	None Detected
			HA: 4		
4P4a-Mastic <i>041200393-0010A</i>	Bathroom - Linoleum Flooring Light/Dark Grey	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 4		

Initial report from 01/18/2012 11:26:40

Analyst(s)

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Fax: (802) 383-0490 Phone: (802) 383-0486  
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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
4P4b-Linoleum 041200393-0011	Bathroom - Linoleum Flooring Light/Dark Grey	Gray/Beige Fibrous Heterogeneous	30% Cellulose 10% Glass	60% Non-fibrous (other)	None Detected
			HA: 4		
4P4b-Mastic 041200393-0011A	Bathroom - Linoleum Flooring Light/Dark Grey	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 4		
4P4c-Linoleum 041200393-0012	Bathroom - Linoleum Flooring Light/Dark Grey	Gray/Beige Fibrous Heterogeneous	30% Cellulose 10% Glass	60% Non-fibrous (other)	None Detected
			HA: 4		
4P4c-Mastic 041200393-0012A	Bathroom - Linoleum Flooring Light/Dark Grey	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 4		
4P5a 041200393-0013	2nd Floor - Blown- In Insulation	Brown/Gray Fibrous Heterogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
			HA: 5		

Initial report from 01/18/2012 11:26:40

Analyst(s)

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Melissa Klinedinst (8)

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Project: #: 509110222 4 Picard

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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
4P5b 041200393-0014	2nd Floor - Blown-In Insulation	Brown/Gray Fibrous Heterogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
			HA: 5		
4P5c 041200393-0015	2nd Floor - Blown-In Insulation	Brown/Gray Fibrous Heterogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
			HA: 5		
4P6a 041200393-0016	Roof - Shingles	Gray/Black Non-Fibrous Heterogeneous	25% Cellulose	75% Non-fibrous (other)	None Detected
			HA: 6		
4P6b 041200393-0017	Roof - Shingles	Gray/Black Non-Fibrous Heterogeneous	25% Cellulose	75% Non-fibrous (other)	None Detected
			HA: 6		
4P6c 041200393-0018	Roof - Shingles	Gray/Black Fibrous Heterogeneous	25% Cellulose	75% Non-fibrous (other)	None Detected
			HA: 6		

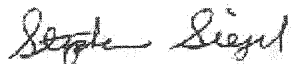
CERT-PB067920 (MK) -CERT-PB647790 (EV)

Initial report from 01/18/2012 11:26:40

Analyst(s)  

---

*Erica Valent (22)*  
*Melissa Klinedinst (8)*

---

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



# Asbestos Lab Services Chain of Custody

EMSL Order Number (Lab Use Only):

041260 580

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

Company: KAS, Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill is Different note instructions in Comments** <i>Third Party Billing requires written authorization from third party</i>	
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: 6 Picard			
Please Provide Results: Email		Purchase Order: 509110222	
		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> <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)
<input checked="" type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		<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"/>

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): 601 - 626	Total # of Samples: 26
Relinquished (Client): <i>[Signature]</i>	Date: 12/28/11 Time: 1:35
Received (Lab): BW VSMAIL	Date: 1.6.12 Time: 3PM

Comments/Special Instructions: Vermont Sampling

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

041200388P

264

PROJECT NO.: 50916222

SAMPLER: JRL/ans

SIGNATURE: Aug 15, 2011

CLIENT: Stantec Consulting Services, Inc.

LOCATION: 6 Picard

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
1	6P1	12/15/11	PLM	Roof	Shingles	~1000 sqft	damaged
	6P2	↓	↓	↓	↓	↓	↓
	6P3	↓	↓	↓	↓	↓	↓
2	6P4	12/15/11	PLM	Basement	Ceiling Tiles	~150 sqft	damaged
	6P5	↓	↓	↓	↓	↓	↓
	6P6	↓	↓	↓	↓	↓	↓
3	6P7	12/14/11	PLM	Basement	12' x 12" Vinyl Flooring	~200 sqft	damaged
	6P8	↓	↓	↓	into Brown water	↓	↓
	6P9	↓	↓	↓	into Brown water	↓	↓

RELINQUISHED BY: [Signature]

DATE/TIME: 12/15/11

RECEIVED BY: [Signature]

DATE/TIME: 12/15/11

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

2) PLM EPA 600-93/116

3) Vermont samples

4) HA - homogeneous area

RECEIVED BY: [Signature]

DATE/TIME: 80:3:44 9-NVJ 2102

DATE/TIME: [Blank]

STANTEC  
 ENVIRONMENTAL  
 ANALYTICAL  
 SERVICES

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

041800386

3/2/1

PROJECT NO.: 509110222 SAMPLER: J81045 SIGNATURE: Aug 15

CLIENT: Stantec Consulting Services, Inc. LOCATION: 6 Picard

55 Green Mountain Drive

South Burlington, VT 05403 S. Burlington, VT

SAMPLE TYPE: Bulk TURNAROUND TIME: routine

HA : SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
4	6P10	12/15/14	PM	Kitchen	Vinyl Flooring - <del>Room</del> Sealed	~ 200 sqft sign damaged
	6P11			Dining Room		
	6P12			Dining Room		
5	6P13	12/15/14	PM	Dining Room	Sheetrock / STC	~ 300 sqft sign damaged
	6P14			Kitchen Room		~ 500 sqft
	6P15			Bedroom		~ 300 sqft
6	6P16	12/15/14	PM	Entry way - Kitchen Rm.	12x12 Vinyl Flooring	~ 10 sqft damaged
	6P17				Tan speckled	

RELINQUISHED BY: Aug 15 DATE/TIME: 1:35 RECEIVED BY: 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 80:3 AM 9-NVJ 2102  
 3) Vermont samples  
 4) HA - homogeneous area

VERMONT  
 EMS  
 877-737-7373

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

011200386

4 of 4

PROJECT NO.: 509110572 SAMPLER: J. P. [Signature] SIGNATURE: [Signature]

CLIENT: Stantec Consulting Services, Inc. LOCATION: 6 Prasad S Burlington, VT

55 Green Mountain Drive

South Burlington, VT 05403

SAMPLE TYPE: Bulk TURNAROUND TIME: routine

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
7	6P18	12/5/11	PLM	Bathroom 2nd Floor Upstairs	10'x12" Vinyl Flooring	~100 sqft	not damaged
	6P19	↓	↓	↓	Light Gray	↓	↓
	6P20	↓	↓	↓	↓	↓	↓
8	6P21	12/5/11	PLM	2nd Floor Bathroom	Kinorium - off white	~100 sqft	not damaged
	6P22	↓	↓	↓	↓	↓	↓
	6P23	↓	↓	↓	↓	↓	↓
9	6P24	12/5/11	PLM	Attic	Blown-in - insul	~200 sqft	not damaged
	6P25	↓	↓	↓	↓	↓	↓
	6P26	↓	↓	↓	↓	↓	↓

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

COMMENTS: 1) Analyze each homogeneous group to first positive only DATE/TIME: 80:3 AM 9-NOV-2012

- 2) PLM EPA 600-93/116
- 3) Vermont samples
- 4) HA - homogeneous area

STANTEC  
 ENVIRONMENTAL  
 ANALYTICAL  
 SERVICES



**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: 509110222  
Received: 01/06/12 3:00 PM  
EMSL Order: 041200386

Fax: (802) 383-0490 Phone: (802) 383-0486  
Project: 6 Picard #: 509110222

EMSL Proj:  
Analysis Date: 1/17/2012

**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
6P1 <i>041200386-0001</i>	Roof - Shingles	Black Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
			HA: 1		
6P2 <i>041200386-0002</i>	Roof - Shingles	Black Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
			HA: 1		
6P3 <i>041200386-0003</i>	Roof - Shingles	Black Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
			HA: 1		
6P4 <i>041200386-0004</i>	Basement - Ceiling Tiles 2x4	Tan Fibrous Heterogeneous	60% Cellulose 30% Min. Wool	10% Non-fibrous (other)	None Detected
			HA: 2		
6P5 <i>041200386-0005</i>	Basement - Ceiling Tiles 2x4	Tan Fibrous Heterogeneous	60% Cellulose 30% Min. Wool	10% Non-fibrous (other)	None Detected
			HA: 2		

Initial report from 01/17/2012 14:28:39

Analyst(s)

*Juli Patel (14)*  
*Johnny Yu (26)*

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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EMSL Proj:
Analysis Date: 1/17/2012

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 6P6 through 6P10-Linoleum with detailed descriptions and analysis results.

Initial report from 01/17/2012 14:28:39

Analyst(s)

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Johnny Yu (26)

Handwritten signature of Stephen Siegel

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Project: 6 Picard #: 509110222

EMSL Proj:  
Analysis Date: 1/17/2012

**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
6P10-Mastic <i>041200386-0010A</i>	Kitchen - Vinyl Floor Speckled Grey	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 4		
6P11-Linoleum <i>041200386-0011</i>	Dining Room - Vinyl Floor Speckled Grey	Gray/Tan Fibrous Heterogeneous	25% Cellulose 8% Glass	67% Non-fibrous (other)	None Detected
			HA: 4		
6P11-Mastic <i>041200386-0011A</i>	Dining Room - Vinyl Floor Speckled Grey	Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 4		
6P12-Linoleum <i>041200386-0012</i>	Dining Room - Vinyl Floor Speckled Grey	Gray/White Fibrous Heterogeneous	15% Cellulose 5% Glass	80% Non-fibrous (other)	None Detected
			HA: 4		
6P12-Mastic <i>041200386-0012A</i>	Dining Room - Vinyl Floor Speckled Grey	Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 4		

Initial report from 01/17/2012 14:28:39

Analyst(s)

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EMSL Order: 041200386

Fax: (802) 383-0490 Phone: (802) 383-0486
Project: 6 Picard #: 509110222

EMSL Proj:
Analysis Date: 1/17/2012

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 6P13-SR, 6P13-JC, 6P14-SR, 6P14-JC, and 6P15-SR with their respective analysis results.

Initial report from 01/17/2012 14:28:39

Analyst(s)

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

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

Initial report from 01/17/2012 14:28:39

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Customer PO: 509110222
Received: 01/06/12 3:00 PM
EMSL Order: 041200386

Fax: (802) 383-0490 Phone: (802) 383-0486
Project: 6 Picard #: 509110222

EMSL Proj:
Analysis Date: 1/17/2012

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, Asbestos % Type. Contains 4 rows of sample data.

Initial report from 01/17/2012 14:28:39

Analyst(s)

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

Table with 7 columns: Sample, Description, Appearance, % Fibrous, % Non-Fibrous, Asbestos % Type. Contains 4 rows of sample analysis data.

Initial report from 01/17/2012 14:28:39

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

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

Initial report from 01/17/2012 14:28:39

Analyst(s)

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

Customer ID: KASI62  
Customer PO: 509110222  
Received: 01/06/12 3:00 PM  
EMSL Order: 041200386

Fax: (802) 383-0490 Phone: (802) 383-0486  
Project: **6 Picard #: 509110222**

EMSL Proj:  
Analysis Date: 1/17/2012

**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
6P25 <i>041200386-0025</i>	Attic - Blown-In Insulation	Brown Fibrous Heterogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
			HA: 9		
6P26 <i>041200386-0026</i>	Attic - Blown-In Insulation	Brown Fibrous Heterogeneous	85% Cellulose	15% Non-fibrous (other)	None Detected
			HA: 9		


CERT. PB091886 (J.P.); CERT. PB050988 (J.Y.)

Initial report from 01/17/2012 14:28:39

Analyst(s)  

---

*Juli Patel (14)*  
*Johnny Yu (26)*

---

Stephen Siegel, CIH, Laboratory Manager  
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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):

041200391

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

Company: KAS, Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments** Third Party Billing requires written authorization from third party	
Street: 368 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: 8 Picard			
Please Provide Results: Email	Purchase Order: 509110222	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 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:</b> EPA 100.2 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
	<u>see attached</u>		

Client Sample # (s): 8P1 - 8P15   Total # of Samples: 15

Relinquished (Client): [Signature]   Date: 12/28/11   Time: 1:30 PM

Received (Lab): [Signature]   Date: 1-6-12   Time: 3PM

Comments/Special Instructions: Vermont Sampling

041200391

283

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

PROJECT NO.: 509116222 SAMPLER: JH 195 SIGNATURE: [Signature] DATE: 1/5/12

CLIENT: Stantec Consulting Services, Inc. LOCATION: 8 Road

55 Green Mountain Drive South Burlington, VT 05403

South Burlington, VT

SAMPLE TYPE: Bulk TURNAROUND TIME: routine

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
1	8P1	1/15/11	PLM	Dining Room	Sheetrock / JC	~100 sqft	sign damaged
	8P2	↓	↓	Bedroom	↓	~300 sqft	↓
	8P3	↓	↓	Bedroom	↓	~300 sqft	↓
2	8P4	1/15/11	PLM	2nd Floor Bathroom	Window - Bayx w/ tan trim	~100 sqft	not damaged
	8P5	↓	↓	↓	↓	↓	↓
	8P6	↓	↓	↓	↓	↓	↓
3	8P7	1/15/11	PLM	Kitchen	Window - Bayx w/ tan trim	~150 sqft	damaged
	8P8	↓	↓	Kitchen	↓	↓	↓
	8P9	↓	↓	Hallway	↓	↓	↓

RELINQUISHED BY: [Signature] DATE/TIME: 1/15/11 1:34 RECEIVED BY: DATE/TIME:

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

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

2012 JAN -6 PM 3:28

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3 of 3

04/200391

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

PROJECT NO.: 509110222 SAMPLER: JKL/S SIGNATURE: Aug 15

CLIENT: Stantec Consulting Services, Inc. LOCATION: & Picard

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	8P10	12/15/11	PLM	attic	Blown-in - Insulation	~200 sqft	not damaged
	8P11	↓	↓	↓	↓	↓	↓
	8P12	↓	↓	↓	↓	↓	↓
5	8P13	12/15/11	PLM	Roofs	Shingles	~1,000 sqft	not damaged
	8P14	↓	↓	↓	↓	↓	↓
	8P15	↓	↓	↓	↓	↓	↓

RELINQUISHED BY: [Signature] DATE/TIME: 12/28/11 RECEIVED BY: [Signature] DATE/TIME: 1/8/12

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 3:28

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CHANNING



**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: 509110222  
Received: 01/06/12 3:00 PM  
EMSL Order: 041200391

Fax: (802) 383-0490 Phone: (802) 383-0486  
Project: **8 Picard**

EMSL Proj:  
Analysis Date: 1/17/2012

**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
8P1-SHEETROCK <i>041200391-0001</i>	DINING ROOM - SHEETROCK	Gray Fibrous Heterogeneous	10% Glass 10% Cellulose	80% Non-fibrous (other)	None Detected
8P1-JOINT COMPOUND <i>041200391-0001A</i>	DINING ROOM - JOINT COMPOUND	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
8P2-SHEETROCK <i>041200391-0002</i>	BEDROOM - SHEETROCK	Gray Fibrous Heterogeneous	10% Cellulose 5% Glass	85% Non-fibrous (other)	None Detected
8P2-JOINT COMPOUND <i>041200391-0002A</i>	BEDROOM - JOINT COMPOUND	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
8P3-SHEETROCK <i>041200391-0003</i>	BEDROOM - SHEETROCK	Gray/White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
8P3-JOINT COMPOUND <i>041200391-0003A</i>	BEDROOM - JOINT COMPOUND	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Initial report from 01/17/2012 16:18:12

Analyst(s)

*Frank Dicrescenzo (12)*  
*Phong Nguyen (6)*

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: KASI62  
Customer PO: 509110222  
Received: 01/06/12 3:00 PM  
EMSL Order: 041200391

Fax: (802) 383-0490 Phone: (802) 383-0486  
Project: **8 Picard**

EMSL Proj:  
Analysis Date: 1/17/2012

**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
8P4 041200391-0004	2ND FLOOR BATHROOM - LINOLEUM-BEIGE W/ LITE BROWN LINES	Gray/White Fibrous Heterogeneous	15% Cellulose 5% Glass	80% Non-fibrous (other)	None Detected
8P5 041200391-0005	2ND FLOOR BATHROOM - LINOLEUM-BEIGE W/ LITE BROWN LINES	Gray/White Non-Fibrous Heterogeneous	15% Cellulose 5% Glass	80% Non-fibrous (other)	None Detected
8P6 041200391-0006	2ND FLOOR BATHROOM - LINOLEUM-BEIGE W/ LITE BROWN LINES	Gray/Tan Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
8P7 041200391-0007	KITCHEN - LINOLEUM-BEIGE W/ TAN SPECKLES	Gray/Tan Fibrous Heterogeneous	15% Cellulose 5% Glass	80% Non-fibrous (other)	None Detected
8P8 041200391-0008	KITCHEN - LINOLEUM-BEIGE W/ TAN SPECKLES	Gray/Tan Fibrous Heterogeneous	15% Cellulose 5% Glass	80% Non-fibrous (other)	None Detected

Initial report from 01/17/2012 16:18:12

Analyst(s)  

---

*Frank Dicrescenzo (12)*  
*Phong Nguyen (6)*

---

Stephen Siegel, CIH, Laboratory Manager  
or other approved signatory

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

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

Customer ID: KAS162  
Customer PO: 509110222  
Received: 01/06/12 3:00 PM  
EMSL Order: 041200391

Fax: (802) 383-0490 Phone: (802) 383-0486  
Project: **8 Picard**

EMSL Proj:  
Analysis Date: 1/17/2012

**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**

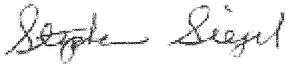
Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
8P9 <i>041200391-0009</i>	HALLWAY - LINOLEUM- BEIGE W/ TAN SPECKLES	Gray/Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
8P10 <i>041200391-0010</i>	ATTIC - BLOWN- IN INSULATION	Brown Fibrous Heterogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
8P11 <i>041200391-0011</i>	ATTIC - BLOWN- IN INSULATION	Brown Fibrous Heterogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
8P12 <i>041200391-0012</i>	ATTIC - BLOWN- IN INSULATION	Brown Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (other)	None Detected
8P13 <i>041200391-0013</i>	ROOF - SHINGLES	Gray/Black Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected
8P14 <i>041200391-0014</i>	ROOF - SHINGLES	Gray/Black Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected

Initial report from 01/17/2012 16:18:12

Analyst(s)  

---

*Frank Dicrescenzo (12)*  
*Phong Nguyen (6)*

---

Stephen Siegel, CIH, Laboratory Manager  
or other approved signatory

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



**EMSL Analytical, Inc.**

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

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

Customer ID: KASI62  
Customer PO: 509110222  
Received: 01/06/12 3:00 PM  
EMSL Order: 041200391

Fax: (802) 383-0490 Phone: (802) 383-0486  
Project: **8 Picard**

EMSL Proj:  
Analysis Date: 1/17/2012

**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
8P15 041200391-0015	ROOF - SHINGLES	Black Non-Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected

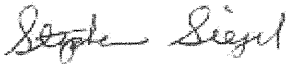
VT CERT #PB091486 (F.D.) PB042487 (P.N.)

Initial report from 01/17/2012 16:18:12

Analyst(s)  

---

*Frank Dicrescenzo (12)*  
*Phong Nguyen (6)*

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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

041200371

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

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



Company: KAS, Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 368 Ave 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: 10 Picard			
Please Provide Results: Email	Purchase Order: 509110222	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:</b> EPA 100.2 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
	<u>See attached</u>		

2012 JAN - 6 PM 3:07  
CINNAMINSON

Client Sample # (s): <u>10P1</u> - <u>10P26</u>	Total # of Samples: <u>26</u>
Relinquished (Client): <u>[Signature]</u>	Date: <u>12/28/11</u> Time: <u>1:40</u>
Received (Lab): <u>BLW USAHL</u>	Date: <u>1.6.12</u> Time: <u>3PM</u>

Comments/Special Instructions: Vermont Sampling

281

041200371

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

PROJECT NO.: 509110222 SAMPLER: *[Signature]* SIGNATURE: *[Signature]*

CLIENT: Stantec Consulting Services, Inc. LOCATION: 10 Piccard  
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
1	1081	12/15/11	PLM Probe	Dringles		~1000 sqft	damaged
	1082	↓	↓	↓	↓	↓	↓
	1083	↓	↓	↓	↓	↓	↓
2	1084	12/15/11	PLM	Dining Room	Paper under broom		not damaged
	1085	↓	↓	↓	↓	↓	↓
	1086	↓	↓	↓	↓	↓	↓
3	1087	12/15/11	PLM	2nd Floor Bathroom	linoleum-tile	~100 sqft	not damaged
	1088	↓	↓	↓	↓	↓	↓
	1089	↓	↓	↓	↓	↓	↓

RELINQUISHED BY: *[Signature]* DATE/TIME: 12/25/11 RECEIVED BY: DATE/TIME:   
RELINQUISHED BY: *[Signature]* DATE/TIME: RECEIVED BY: DATE/TIME:

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

2012 JAN - 6 PM 3:07

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CINNAMOND

04200371

384

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

PROJECT NO.: 509110222 SAMPLER: 18/Jan SIGNATURE: *[Signature]*

CLIENT: Stantec Consulting Services, Inc. LOCATION: 10 Picard

55 Green Mountain Drive

South Burlington, VT 05403

SAMPLE TYPE: Bulk TURNAROUND TIME: routine

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
4	10P10	12/15/11	PLM	2nd Floor Bathroom	Vinyl Flooring	N 100 sqft	not damaged
	10P11	↓	↓	↓	↓	↓	↓
	10P12	↓	↓	↓	↓	↓	↓
5	10P13	10/13/11	PLM	2nd Floor - Bedroom	Sheetrock / IC	N 150 sqft	not damaged
	10P14	↓	↓	...	↓	N 200 sqft	not damaged
	10P15	↓	↓	Living Room	↓	N 300 sqft	not damaged
6	10P16	12/17/11	PLM	Attic	Plaster in Insulation	N 200 sqft	not damaged
	10P17	↓	↓	↓	↓	↓	↓
	10P18	↓	↓	↓	↓	↓	↓
	10P19	↓	↓	↓	↓	↓	↓

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

2012 JAN -6 PM 3:07

REC'D  
EMS  
CINNAMON

041200371

4 dy

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

PROJECT NO.: 509110222 SAMPLER: *gblac* SIGNATURE: *Ang K*

CLIENT: Stantec Consulting Services, Inc. LOCATION: 10 Picard

55 Green Mountain Drive S. Burlington

South Burlington, VT 05403

SAMPLE TYPE: Bulk TURNAROUND TIME: routine

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
7	10119	12/15/11	PLM	Basement +	Ceiling Tiles - 2x4	~100 sqft	damaged
	10120	↓	↓	↓	↓	↓	↓
	10121	↓	↓	↓	↓	↓	↓
8	10122	12/15/11	PLM	Kitchen	under sink mat.	~2 sqft	not damaged
	10123	↓	↓	↓	↓	↓	↓
9	10124	12/15/11	PLM	Kitchen	Windows - <del>white</del> <i>off</i>	~100 sqft	damaged
	10125	↓	↓	↓	↓	↓	↓
	10126	↓	↓	↓	↓	↓	↓

RELINQUISHED BY: *Ang K* DATE/TIME: 1/11/12 RECEIVED BY: *gblac* DATE/TIME: 1/11/12

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 3:07

REC'D  
EMIS  
CINNAMISSE



**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: 509110222  
Received: 01/06/12 3:00 PM  
EMSL Order: 041200371

Fax: (802) 383-0490 Phone: (802) 383-0486  
Project: 10 Picard

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
10P1 <i>041200371-0001</i>	ROOF - SHINGLES	Gray/Black Non-Fibrous Heterogeneous	25% Cellulose	75% Non-fibrous (other)	None Detected
10P2 <i>041200371-0002</i>	ROOF - SHINGLES	Black Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected
10P3 <i>041200371-0003</i>	ROOF - SHINGLES	Black Non-Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected
10P4 <i>041200371-0004</i>	DINING ROOM - PAPER UNDER FLOORING	Pink Fibrous Heterogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
10P5 <i>041200371-0005</i>	DINING ROOM - PAPER UNDER FLOORING	Red Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
10P6 <i>041200371-0006</i>	DINING ROOM - PAPER UNDER FLOORING	Red Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected

Initial report from 01/18/2012 18:57:18

Analyst(s)

*Anne Paul (22)*  
*Erica Valent (12)*

Stephen Siegel, CIH, Laboratory Manager  
or other approved signatory

EMSL maintains liability limited to the cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval or endorsement by NVLAP, NIST or any agency of the federal government. The test results contained within this report meet the requirements of NELAC unless otherwise specified. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request.

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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Project: 10 Picard

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 10P7, 10P8, 10P9, 10P10-Linoleum, and 10P10-Mastic.

Initial report from 01/18/2012 18:57:18

Analyst(s)

Anne Paul (22)
Erica Valent (12)

Handwritten signature of Stephen Siegel

Stephen Siegel, CIH, Laboratory Manager
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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. Contains 8 rows of sample data.

Initial report from 01/18/2012 18:57:18

Analyst(s)

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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 10P13-SHEETROCK, 10P13-JOINT COMPOUND, 10P14-SHEETROCK, 10P14-JOINT COMPOUND, and 10P15-SHEETROCK.

Initial report from 01/18/2012 18:57:18

Analyst(s)
Anne Paul (22)
Erica Valent (12)

Signature of Stephen Siegel
Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

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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**

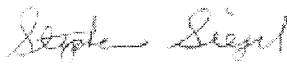
Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
10P15-JOINT COMPOUND <i>041200371-0015A</i>	LIVING ROOM - JOINT COMPOUND	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
10P16 <i>041200371-0016</i>	ATTIC - BLOWN-IN INSULATION	Brown Fibrous Heterogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
10P17 <i>041200371-0017</i>	ATTIC - BLOWN-IN INSULATION	Brown Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
10P18 <i>041200371-0018</i>	ATTIC - BLOWN-IN INSULATION	Brown Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
10P19 <i>041200371-0019</i>	BASEMENT - CEILING TILES-2X4	Gray/White Fibrous Heterogeneous	45% Cellulose 30% Min. Wool	25% Non-fibrous (other)	None Detected
10P20 <i>041200371-0020</i>	BASEMENT - CEILING TILES-2X4	Gray/White Fibrous Heterogeneous	45% Cellulose 30% Min. Wool	25% Non-fibrous (other)	None Detected

Initial report from 01/18/2012 18:57:18

Analyst(s)  

---

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*Erica Valent (12)*

---

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



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Received: 01/06/12 3:00 PM
EMSL Order: 041200371

Fax: (802) 383-0490 Phone: (802) 383-0486
Project: 10 Picard

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 10P21 through 10P25 with details on location (e.g., BASEMENT - CEILING TILES, KITCHEN - UNDER SINK MAT.) and analysis results.

Initial report from 01/18/2012 18:57:18

Analyst(s)

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Erica Valent (12)

Handwritten signature of Stephen Siegel

Stephen Siegel, CIH, Laboratory Manager
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Project: 10 Picard

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 10P25-Mastic, 10P26-Linoleum, and 10P26-Mastic.

CERT. PB111888 (A.P.); CERT. PB647790 (E.V.)

Initial report from 01/18/2012 18:57:18

Analyst(s)

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Erica Valent (12)

Signature of Stephen Siegel

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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):

041200352

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

Company: KAS, Inc.	EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments** Third Party Billing requires written authorization from third party
Street: 368 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: 12 Picard	
Please Provide Results: Email	Purchase Order: 509110222
	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
	see attached		

2012 JAN - 6 PM 04

Client Sample # (s): 12P1 - 12P32	Total # of Samples: 32
Relinquished (Client): [Signature] Date: 12/28/11	Time: 1:45 PM
Received (Lab): BUW USMAIL Date: 1.6.12	Time: 3PM

Comments/Special Instructions: Vermont Sampling

041200382

285

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

PROJECT NO.: 509110222

SAMPLER: 18/Jan

SIGNATURE: *[Signature]*

CLIENT: Stantec Consulting Services, Inc.

LOCATION: 12 Broad

55 Green Mountain Drive

5. Burlington, VT

South Burlington, VT 05403

SAMPLE TYPE: Bulk TURNAROUND TIME: routine

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
1	12P1	12/15/11	PLM	<del>Kitchen</del> Dining Room	12"x12" - purple flooring	~50 sqft	damaged
	12P2	↓	↓	↓	↓	↓	↓
	12P3	↓	↓	↓	↓	↓	↓
2	12P4	12/15/11	PLM	Kitchen Dining Room	12"x12" - white flooring	~50 sqft	damaged
	12P5	↓	↓	↓	↓	↓	↓
	12P6	↓	↓	↓	↓	↓	↓
3	12P7	12/15/11	PLM	Kitchen	pendulum - white wallpaper	~100 sqft	sign. damaged
	12P8	↓	↓	↓	↓	↓	↓
	12P9	↓	↓	↓	↓	↓	↓

RELINQUISHED BY: *[Signature]* DATE/TIME: 1/4/12 RECEIVED BY: *[Signature]* DATE/TIME: 1/4/12

RELINQUISHED BY: *[Signature]* DATE/TIME: 1/4/12 RECEIVED BY: *[Signature]* DATE/TIMER: 1/4/12

- 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 3:05

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041200388

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

PROJECT NO.: 509110222 SAMPLER: JBL/ats SIGNATURE: *[Signature]*

CLIENT: Stantec Consulting Services, Inc. LOCATION: 12 Picard  
55 Green Mountain Drive S. Burlington

South Burlington, VT 05403

SAMPLE TYPE: Bulk TURNAROUND TIME: routine

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
4	12P10	12/15/11	PLM	Living Room	Sheetrock/JC	N 200 sq ft	sign. damaged
	12P11	↓	↓	Hallway	↓	1000 sq ft	↓
	12P12	↓	↓	Bedroom	↓	N 200 sq ft	↓
5	12P13	12/15/11	PLM	2 <sup>nd</sup> Floor - Bathroom	Insulation - Ceiling	N 50 sq ft	damaged
	12P14	↓	↓	↓	↓	↓	↓
	12P15	↓	↓	↓	↓	↓	↓
6	12P16	12/15/11	PLM	Attic	Blown-in insulation	N 100 sq ft	NOT damaged
	12P17	↓	↓	↓	↓	↓	↓
	12P18	↓	↓	↓	↓	↓	↓

RELINQUISHED BY: *[Signature]* DATE/TIME: 12/28/11 RECEIVED BY: *[Signature]* DATE/TIME: 1/4/12

- 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 3:05

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041200882

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

PROJECT NO.: 509110222 SAMPLER: 83106 SIGNATURE: *Chung K*

CLIENT: Stantec Consulting Services, Inc. LOCATION: 12 Picard  
55 Green Mountain Drive South Burlington, VT 05403  
S. Burlington, VT

SAMPLE TYPE: Bulk TURNAROUND TIME: routine

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
7	12P19	12/15/11	PLM	2nd Floor Bathroom	12x12" Vinyl Flooring	n 50 sqft	slightly damaged
	12P20				light gray		
	12P21						
8	12P22	12/15/11	PLM	Kitchen	Sink Material	n 2 sqft	not damaged
	12P23						
9	12P24	12/15/11	PLM	Bedroom	12x12" Vinyl Flooring	n 100 sqft	slightly damaged
	12P25				damaged		
	12P26						

RELINQUISHED BY: *Chung K* DATE/TIME: 12/28/11 1:45 RECEIVED BY: DATE/TIME: 2012 JAN -6 PM 3:05

RECEIVED BY: DATE/TIME: 2012 JAN -6 PM 3:05  
COMMENTS: 1) Analyze each homogeneous group to first positive only  
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4) HA - homogeneous area

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CINNAMIS

041200388  
515

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

PROJECT NO.: 509110222 SAMPLER: gg/ak SIGNATURE: [Signature]

CLIENT: Stantec Consulting Services, Inc. LOCATION: 12 Picard

55 Green Mountain Drive SOUTH BURLINGTON, VT 05403 S. Burlington, VT

SAMPLE TYPE: Bulk TURNAROUND TIME: routine

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
10	1A27	12/15/11	PLM	Shed Roof	Shingles	~50 sqft	damaged
	1A28	↓	↓	↓	↓	↓	↓
	1A29	↓	↓	↓	↓	↓	↓
11	1A30	12/15/11	PLM	Roof	Shingles / Tar Paper	~1,000 sqft	damaged
	1A31	↓	↓	↓	↓	↓	↓
	1A32	↓	↓	↓	↓	↓	↓

RELINQUISHED BY: [Signature] DATE/TIME: 12/28/11 RECEIVED BY: [Signature] DATE/TIME: 1/18/12

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

- COMMENTS:
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  - 2) PLM EPA 600-93/116
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2012 JAN -6 PM 3:05

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Project: 12 Picard #: 509110222

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
12P1-Floor Tile 041200382-0001	Dining Room - 12x12 Purple Flooring	Purple Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 1 Suggest TEM		
12P1-Mastic 041200382-0001A	Dining Room - 12x12 Purple Flooring	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 1 Suggest TEM		
12P2-Floor Tile 041200382-0002	Dining Room - 12x12 Purple Flooring	Purple Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 1 Suggest TEM		
12P2-Mastic 041200382-0002A	Dining Room - 12x12 Purple Flooring	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 1		
12P3-Floor Tile 041200382-0003	Dining Room - 12x12 Purple Flooring	Purple Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 1		

Initial report from 01/18/2012 09:30:19

Analyst(s)

Melissa Klinedinst (15)  
Naadira Carter (29)

Stephen Siegel, CIH, Laboratory Manager  
or other approved signatory

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



# 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: 509110222  
Received: 01/06/12 3:00 PM  
EMSL Order: 041200382

Fax: (802) 383-0490 Phone: (802) 383-0486  
Project: 12 Picard #: 509110222

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

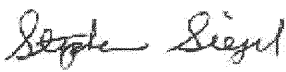
Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
12P3-Mastic <i>041200382-0003A</i>	Dining Room - 12x12 Purple Flooring	Yellow Non-Fibrous Heterogeneous	HA: 1	100% Non-fibrous (other)	None Detected
12P4-Floor Tile <i>041200382-0004</i>	Dining Room - 12x12 White Flooring	White Non-Fibrous Heterogeneous	HA: 2	100% Non-fibrous (other)	None Detected
12P4-Mastic <i>041200382-0004A</i>	Dining Room - 12x12 White Flooring	Yellow Non-Fibrous Heterogeneous	HA: 2	100% Non-fibrous (other)	None Detected
12P5-Floor Tile <i>041200382-0005</i>	Dining Room - 12x12 White Flooring	White Non-Fibrous Heterogeneous	HA: 2	100% Non-fibrous (other)	None Detected
12P5-Mastic <i>041200382-0005A</i>	Dining Room - 12x12 White Flooring	Yellow Non-Fibrous Heterogeneous	HA: 2	100% Non-fibrous (other)	None Detected

Initial report from 01/18/2012 09:30:19

Analyst(s)  

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*Naadira Carter (29)*

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Received: 01/06/12 3:00 PM  
EMSL Order: 041200382

Fax: (802) 383-0490 Phone: (802) 383-0486  
Project: 12 Picard #: 509110222

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**

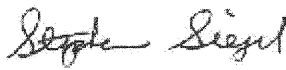
Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
12P6-Floor Tile <i>041200382-0006</i>	Dining Room - 12x12 White Flooring	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 2		
12P6-Mastic <i>041200382-0006A</i>	Dining Room - 12x12 White Flooring	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 2		
12P7 <i>041200382-0007</i>	Kitchen - Linoleum - White w/Brown	Brown/White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 3		
12P8 <i>041200382-0008</i>	Kitchen - Linoleum - White w/Brown	Brown/White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 3		
12P9 <i>041200382-0009</i>	Kitchen - Linoleum - White w/Brown	Brown/White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 3		

Initial report from 01/18/2012 09:30:19

Analyst(s)  

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*Naadira Carter (29)*

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Customer ID: KASI62  
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Received: 01/06/12 3:00 PM  
EMSL Order: 041200382

Fax: (802) 383-0490 Phone: (802) 383-0486  
Project: 12 Picard #: 509110222

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**

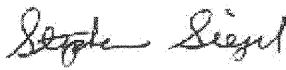
Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
12P10-SR <i>041200382-0010</i>	Living Room - Sheetrock	White Fibrous Heterogeneous	3% Glass 15% Cellulose	82% Non-fibrous (other)	None Detected
			HA: 4		
12P10-JC <i>041200382-0010A</i>	Living Room - JC	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 4		
12P11-SR <i>041200382-0011</i>	Hallway - Sheetrock	White Fibrous Heterogeneous	15% Cellulose 3% Glass	82% Non-fibrous (other)	None Detected
			HA: 4		
12P11-JC <i>041200382-0011A</i>	Hallway - JC	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 4		
12P12-SR <i>041200382-0012</i>	Bedroom - Sheetrock	Brown/White Fibrous Heterogeneous	20% Cellulose 3% Glass	77% Non-fibrous (other)	None Detected
			HA: 4		

Initial report from 01/18/2012 09:30:19

Analyst(s)  

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**EMSL Analytical, Inc.**

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Customer PO: 509110222  
Received: 01/06/12 3:00 PM  
EMSL Order: 041200382

Fax: (802) 383-0490 Phone: (802) 383-0486  
Project: 12 Picard #: 509110222

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
12P12-JC 041200382-0012A	Bedroom - JC	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 4		
12P13 041200382-0013	2nd Floor Bathroom 2nd Floor Bathroom - Linoleum- Cream	Cream Non-Fibrous Heterogeneous	15% Cellulose 15% Glass	70% Non-fibrous (other)	None Detected
			HA: 5		
12P14 041200382-0014	2nd Floor Bathroom - Linoleum- Cream	Cream Fibrous Heterogeneous	15% Cellulose 15% Glass	70% Non-fibrous (other)	None Detected
			HA: 5		
12P15 041200382-0015	2nd Floor Bathroom - Linoleum- Cream	Gray/Cream Fibrous Heterogeneous	15% Cellulose 15% Glass	70% Non-fibrous (other)	None Detected
			HA: 5		
12P16 041200382-0016	Attic - Blown-In Insulation	Brown Fibrous Heterogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
			HA: 6		

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EMSL Order: 041200382

Fax: (802) 383-0490 Phone: (802) 383-0486  
Project: 12 Picard #: 509110222

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
12P17 041200382-0017	Attic - Blown-In Insulation	Brown Fibrous Heterogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
			HA: 6		
12P18 041200382-0018	Attic - Blown-In Insulation	Brown Fibrous Heterogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
			HA: 6		
12P19 041200382-0019	2nd Floor Bathroom - 12x12 Vinyl Flooring Light Grey	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 7		
12P20 041200382-0020	2nd Floor Bathroom - 12x12 Vinyl Flooring Light Grey	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 7		
12P21 041200382-0021	2nd Floor Bathroom - 12x12 Vinyl Flooring Light Grey	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 7		

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Customer PO: 509110222  
Received: 01/06/12 3:00 PM  
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Fax: (802) 383-0490 Phone: (802) 383-0486  
Project: 12 Picard #: 509110222

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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

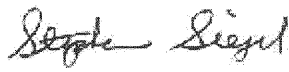
Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
12P22 <i>041200382-0022</i>	Kitchen - Sink Material	White Non-Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
			HA: 8		
12P23 <i>041200382-0023</i>	Kitchen - Sink Material	White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
			HA: 8		
12P24 <i>041200382-0024</i>	Bedroom - 12x12 Vinyl Flooring Dark Grey	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 9		
12P25 <i>041200382-0025</i>	Bedroom - 12x12 Vinyl Flooring Dark Grey	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 9		
12P26 <i>041200382-0026</i>	Bedroom - 12x12 Vinyl Flooring Dark Grey	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
			HA: 9		

Initial report from 01/18/2012 09:30:19

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EMSL Proj:  
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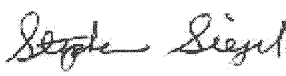
Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
12P27 <i>041200382-0027</i>	Shed Roof - Shingles	Black Fibrous Heterogeneous	15% Glass	85% Non-fibrous (other)	None Detected
			HA: 10		
12P28 <i>041200382-0028</i>	Shed Roof - Shingles	Black Fibrous Heterogeneous	15% Glass	85% Non-fibrous (other)	None Detected
			HA: 10		
12P29 <i>041200382-0029</i>	Shed Roof - Shingles	Black Fibrous Heterogeneous	20% Glass	80% Non-fibrous (other)	None Detected
			HA: 10		
12P30-Shingles <i>041200382-0030</i>	Roof - Shingles	Black Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
			HA: 11		
12P30-Tar Paper <i>041200382-0030A</i>	Roof - Tar Paper	Black Fibrous Heterogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
			HA: 11		

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
12P31-Shingles <i>041200382-0031</i>	Roof - Shingles	Black Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
			HA: 11		
12P31-Tar Paper <i>041200382-0031A</i>	Roof - Tar Paper	Black Fibrous Heterogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
			HA: 11		
12P32-Shingles <i>041200382-0032</i>	Roof - Shingles	Black Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected
			HA: 11		
12P32-Tar Paper <i>041200382-0032A</i>	Roof - Tar Paper	Black Fibrous Heterogeneous	80% Cellulose	20% Non-fibrous (other)	None Detected
			HA: 11		

CERT-PB122184(NC)CERT-PB067920(MK)

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### Asbestos Lab Services Chain of Custody

EMSL Order Number (Lab Use Only):

091200416

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

Company: KAS, Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments** Third Party Billing requires written authorization from third party	
Street: 368 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: 7 Shamrock Rd			
Please Provide Results: Email		Purchase Order: 509110222	
		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: *Amy King*

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
	See attached		2012 JAN - 9 PM 3 21

Client Sample # (s): 751 - 7526	Total # of Samples: 26
Relinquished (Client): <i>Amy King</i> Date: 12/28/11	Time: 1:20
Received (Lab): <i>BW COSMATH</i> Date: 1-6-12	Time: 3PM

Comments/Special Instructions: Vermont Sampling

041200416  
284

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

PROJECT NO.: 509110223 SAMPLER: gbar SIGNATURE: [Signature]

CLIENT: Stantec Consulting Services, Inc. LOCATION: 7 Shamrock Rd

55 Green Mountain Drive

South Burlington, VT 05403

SAMPLE TYPE: Bulk TURNAROUND TIME: routine

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
1	751	12/22/11	PLM	Kitchen	Vinyl 12"x12" - Top layer water stain	~150 sqft	damaged
	752	↓	↓	↓	↓	↓	↓
	753	↓	↓	↓	↓	↓	↓
2	754	12/21/11	PLM	Kitchen	Handmade - Bottom layer	~150 sqft	damaged
	755	↓	↓	↓	↓	↓	↓
	756	↓	↓	↓	↓	↓	↓
3	757	12/22/11	PLM	Kitchen	Sheetrock / JC	~200 sqft	sign damaged
	758	↓	↓	Bedroom	↓	~300 sqft	↓
	759	↓	↓	Hallway	↓	~100 sqft	↓

RELINQUISHED BY: [Signature] DATE/TIME: 12/22/11 12:00 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 3:21

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041200416

304

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

PROJECT NO.: 509110222 SAMPLER: JB/ab SIGNATURE: *[Signature]*

CLIENT: Stantec Consulting Services, Inc. LOCATION: 7 Shamrock Road  
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	7510	12/21/11	PLM Backroom		12" x 12" Floor Tile / Mastic ~ 200		damaged
	7511	↓	↓		granular material	↓	↓
	7512	↓	↓			↓	↓
5	7513	12/21/11	PLM Backroom		Tub Caulking	~4 ft	damaged
	7514	↓	↓			↓	↓
	7515	↓	↓			↓	↓
6	7516	12/22/11	PLM Attic		Blown-in Insulation	~100 sq ft	damaged
	7517	↓	↓			↓	↓
	7518	↓	↓			↓	↓

RELINQUISHED BY: *[Signature]* DATE/TIME: 1/18/12 RECEIVED BY: *[Signature]* DATE/TIME: 1/18/12

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 3:21

ABBOTT  
EMSI  
CINNAMINSHUR

0417200416  
 KAS, INC., P.O. BOX 787, WILLISTON, VT 05495 (802) 383-0486  
 VERMONT ASBESTOS CONSULTING ENTITY LICENSE CE615423  
 4/2/11

PROJECT NO.: 50910222 SAMPLER: gblars SIGNATURE: [Signature]  
 CLIENT: Stantec Consulting Services, Inc. LOCATION: 7 Shamrock Road  
55 Green Mountain Drive South Burlington, VT 05403

SAMPLE TYPE:	Bulk	TURNAROUND TIME:	routine				
HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
7	7519	12/21/11	PLM	Kitchen	Sink Material	n 2 ft	Not damaged
	7520	↓	↓	↓	↓	↓	↓
8	7521	12/22/11	PLM	Roof	Shingles	n 50 sq ft	not damaged
	7522	↓	↓	↓	↓	↓	↓
	7523	↓	↓	↓	↓	↓	↓
9	7524	12/22/11	PLM	Windows - Outside	Window Casework	n 6 ft	damaged
	7525	12/22/11	↓	↓	↓	↓	↓
	7526	12/24/11	↓	↓	↓	↓	↓

RELINQUISHED BY: [Signature] DATE/TIME: 12/22/11 11:22 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 3:21

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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)

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

Customer ID: KASI62  
Customer PO: 509110222  
Received: 01/06/12 3:00 PM  
EMSL Order: 041200416

Fax: (802) 383-0490 Phone: (802) 383-0486  
Project: 509110222/7 Shamrock Rd.

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
7S1 041200416-0001	Kitchen - Vinyl 12x12 - Top Layer - White w/Tan	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
			HA: 1		
7S2 041200416-0002	Kitchen - Vinyl 12x12 - Top Layer - White w/Tan	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
			HA: 1		
7S3 041200416-0003	Kitchen - Vinyl 12x12 - Top Layer - White w/Tan	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
			HA: 1		
7S4 041200416-0004	Kitchen - Linoleum - Bottom Layer - Tan	Tan/Beige Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
			HA: 2		
7S5 041200416-0005	Kitchen - Linoleum - Bottom Layer - Tan	Beige Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
			HA: 2		

Initial report from 01/18/2012 17:53:06

Analyst(s)

McLaughlin Paul (18)  
Phong Nguyen (10)

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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Received: 01/06/12 3:00 PM  
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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
7S6 <i>041200416-0006</i>	Kitchen - Linoleum - Bottom Layer - Tan	Brown/Tan Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected
			HA: 2		
7S7-SR <i>041200416-0007</i>	Kitchen - Sheetrock	Gray Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (other)	None Detected
			HA: 3		
7S7-JC <i>041200416-0007A</i>	Kitchen - JC	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
			HA: 3		
7S8-SR <i>041200416-0008</i>	Bedroom - Sheetrock	Gray Non-Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (other)	None Detected
			HA: 3		
7S8-JC <i>041200416-0008A</i>	Bedroom - JC	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
			HA: 3		

Initial report from 01/18/2012 17:53:06

Analyst(s)  

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*McLaughlin Paul (18)*  
*Phong Nguyen (10)*

---

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or other approved signatory

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Received: 01/06/12 3:00 PM  
EMSL Order: 041200416

Fax: (802) 383-0490 Phone: (802) 383-0486  
Project: 509110222/7 Shamrock Rd.

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
7S9-SR 041200416-0009	Hallway - Sheetrock	Gray Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
			HA: 3		
7S9-JC 041200416-0009A	Hallway - JC	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
			HA: 3		
7S10-FT 041200416-0010	Bedroom - 12x12 Floor Tile	Beige Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
			HA: 4		
7S10-Mastic 041200416-0010A	Bedroom - Mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
7S11-FT 041200416-0011	Bedroom - 12x12 Floor Tile				Stop Positive (Not Analyzed)
			HA: 4		
7S11-Mastic 041200416-0011A	Bedroom - Mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Initial report from 01/18/2012 17:53:06

Analyst(s)  

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Phong Nguyen (10)

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Fax: (802) 383-0490 Phone: (802) 383-0486  
Project: 509110222/7 Shamrock Rd.

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
7S12-FT 041200416-0012	Bedroom - 12x12 Floor Tile				Stop Positive (Not Analyzed)
HA: 4					
7S12-Mastic 041200416-0012A	Bedroom - Mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
7S13 041200416-0013	Bathroom - Tub Caulking	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
HA: 5					
7S14 041200416-0014	Bathroom - Tub Caulking	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (other)	<1% Chrysotile
HA: 5					
7S15 041200416-0015	Bathroom - Tub Caulking	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
HA: 5					

Initial report from 01/18/2012 17:53:06

Analyst(s)  

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Received: 01/06/12 3:00 PM  
EMSL Order: 041200416

Fax: (802) 383-0490 Phone: (802) 383-0486  
Project: 509110222/7 Shamrock Rd.

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
7S16 041200416-0016	Attic - Blown-In Insulation	Brown Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
			HA: 6		
7S17 041200416-0017	Attic - Blown-In Insulation	Brown Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (other)	None Detected
			HA: 6		
7S18 041200416-0018	Attic - Blown-In Insulation	Brown Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (other)	None Detected
			HA: 6		
7S19 041200416-0019	Kitchen - Sink Material	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
			HA: 7		
7S20 041200416-0020	Kitchen - Sink Material	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
			HA: 7		

Initial report from 01/18/2012 17:53:06

Analyst(s)

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Phong Nguyen (10)

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or other approved signatory

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

Customer ID: KAS162  
Customer PO: 509110222  
Received: 01/06/12 3:00 PM  
EMSL Order: 041200416

Fax: (802) 383-0490 Phone: (802) 383-0486  
Project: 509110222/7 Shamrock Rd.

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
7S21 <i>041200416-0021</i>	Roof - Shingles	Black Fibrous Homogeneous	10% Glass	90% Non-fibrous (other)	None Detected
			HA: 8		
7S22 <i>041200416-0022</i>	Roof - Shingles	Black Fibrous Homogeneous	10% Glass	90% Non-fibrous (other)	None Detected
			HA: 8		
7S23 <i>041200416-0023</i>	Roof - Shingles	Black Non-Fibrous Homogeneous	30% Cellulose 15% Glass	55% Non-fibrous (other)	None Detected
			HA: 8		
7S24 <i>041200416-0024</i>	Windows - Outside - Window Caulking	Gray/Tan Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
			HA: 9		
7S25 <i>041200416-0025</i>	Windows - Outside - Window Caulking				Stop Positive (Not Analyzed)
			HA: 9		

Initial report from 01/18/2012 17:53:06

Analyst(s)

*McLaughlin Paul (18)*  
*Phong Nguyen (10)*

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
7S26 041200416-0026	Windows - Outside - Window Caulking				Stop Positive (Not Analyzed)
HA: 9					

Vermont Certification #: PB042487 (P.N.); PB111887 (P.M.)

Initial report from 01/18/2012 17:53:06

Analyst(s)

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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

041200398

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

Corporate - Cinnaminson, NJ  
200 Route 130 North  
Cinnaminson, NJ 08077  
PHONE: 1-800-229-3675  
FAX: (856) 786-5974



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: 400 White St  
 Please Provide Results: Email Purchase Order: 509110222 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: *Quincy King* Samplers Signature: *[Signature]*

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

Client Sample # (s): *400001 - 400031* Total # of Samples: *31*  
 Relinquished (Client): *[Signature]* Date: *12/28/11* Time: *1:18*  
 Received (Lab): *[Signature]* Date: *1-6-12* Time: *3PM*

Comments/Special Instructions: Vermont Sampling

011200598

2 of 5

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

PROJECT NO.: 509110222 SAMPLER: galar SIGNATURE: [Signature]

CLIENT: Stantec Consulting Services, Inc. LOCATION: 400 winter st

55 Green Mountain Drive

South Burlington, VT 05403

SAMPLE TYPE: Bulk TURNAROUND TIME: routine

HA	SAMPLE #	DATE	ANALYSIS	SAMPLE LOCATION	BUILDING SURFACE	AMOUNT	DAMAGE
1	400w01	↓	PLM	Bedroom	niche - Tangy	100 sq ft	Not damaged
	400w02	↓	↓	↓	↓	↓	↓
	400w03	↓	↓	↓	↓	↓	↓
2	400w04	↓	PLM	Kitchen	Paper under Floor	~120 sq ft	Not damaged
	400w05	↓	↓	↓	↓	↓	↓
	400w06	↓	↓	↓	↓	↓	↓
3	400w07	↓	PLM	Bedroom	Sheetrock/Plaster		
	400w08	↓	↓	Bedroom	↓		
	400w09	↓	↓	Dining Room	↓		

RELINQUISHED BY: [Signature] DATE/TIME: 1/2/12 RECEIVED BY: [Signature] DATE/TIME: 1/2/12

RELINQUISHED BY: [Signature] DATE/TIME: 1/2/12 RECEIVED BY: [Signature] DATE/TIME: 1/2/12

- 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 3:35

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

PROJECT NO.: 509110222 SAMPLER: JSPH SIGNATURE: [Signature]

CLIENT: Stantec Consulting Services, Inc. LOCATION: 400 Water Street

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	400w10	12/21/11	PLM	Hallway	Poppy Ceiling	N200 sqft	Not damaged
	400w11	↓	↓	Upstairs	↓	↓	↓
	400w12	↓	↓	Open Room	↓	↓	↓
5	400w13	12/21/11	PLM	Basement	Window Casework	N4 ft	Damaged
	400w14	↓	↓	↓	↓	↓	↓
	400w15	↓	↓	↓	↓	↓	↓
6	400w16	12/21/11	PLM	Basement	Chimney Casework	N2-ft	Damaged
	400w17	↓	↓	↓	↓	↓	↓

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

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

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

PROJECT NO.: 509110222 SAMPLER: J. Alan SIGNATURE: [Signature]

CLIENT: Stantec Consulting Services, Inc. LOCATION: 400 Winter Street

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	400w18	12/22/11	PLM	Under siding	Tar Paper	~2000 sqft	Not damaged
	400w19						
	400w20						
8	400w21	12/22/11	PLM	Shed window	Window Casework	~2 ft	damaged
	400w22						
9	400w23	12/22/11	PLM	Basement	Shingles / Tar Paper	~1000 sqft	Not damaged
	400w24				Shingles / Tar Paper		
	400w25						

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

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

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

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

PROJECT NO.: 509110222 SAMPLER: Chiff SIGNATURE: [Signature]

CLIENT: Stantec Consulting Services, Inc. LOCATION: 400 white street

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	400w26	12/21/11	PLM	Porch Probe	Tar Paper	~200 sqft	Not damaged
	400w27	↗	↗	↗	↗	↗	↗
	400w28	↗	↗	↗	↗	↗	↗
11	400w29	12/21/11	PLM	Shed Probe	Tar Paper / Sringus	100 sqft	Not damaged
	400w30	12	PLM	↗	↗	↗	↗
	400w31	↗	↗	↗	↗	↗	↗

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

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

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

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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: 509110222  
Received: 01/06/12 3:00 PM  
EMSL Order: 041200398

Fax: (802) 383-0490 Phone: (802) 383-0486  
Project: 400 White St / #509110222

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
400W1 <i>041200398-0001</i>	BATHROOM - LINOLEUM - TAN W/ BEIGE	Gray Non-Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected
400W2 <i>041200398-0002</i>	BATHROOM - LINOLEUM - TAN W/ BEIGE	Gray Non-Fibrous Homogeneous	35% Cellulose	65% Non-fibrous (other)	None Detected
400W3 <i>041200398-0003</i>	BATHROOM - LINOLEUM - TAN W/ BEIGE	Gray Non-Fibrous Homogeneous	35% Cellulose	65% Non-fibrous (other)	None Detected
400W4 <i>041200398-0004</i>	KITCHEN - PAPER UNDER FLOORING	Black Non-Fibrous Homogeneous	40% Cellulose 10% Synthetic	50% Non-fibrous (other)	None Detected
400W5 <i>041200398-0005</i>	KITCHEN - PAPER UNDER FLOORING	Black Non-Fibrous Homogeneous	40% Cellulose 10% Synthetic	50% Non-fibrous (other)	None Detected
400W6 <i>041200398-0006</i>	KITCHEN - PAPER UNDER FLOORING	Non-Fibrous Homogeneous	40% Cellulose 10% Synthetic	50% Non-fibrous (other)	None Detected

Initial report from 01/18/2012 06:51:14

Analyst(s)

*Nancy Stalter (9)*  
*Phong Nguyen (21)*

Stephen Siegel, CIH, Laboratory Manager  
or other approved signatory

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**Williston, VT 05495**

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Customer PO: 509110222  
Received: 01/06/12 3:00 PM  
EMSL Order: 041200398

Fax: (802) 383-0490 Phone: (802) 383-0486  
Project: 400 White St / #509110222

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
400W7-SRJC <i>041200398-0007</i>	BEDROOM - SHEETROCK / JOINT COMPOUND / PLASTER	Gray/Tan Non-Fibrous Homogeneous	15% Cellulose	82% Non-fibrous (other)	3% Chrysotile
400W7-Plaster <i>041200398-0007A</i>	BEDROOM - SHEETROCK / JOINT COMPOUND / PLASTER				Insufficient Material
400W8-SRJC <i>041200398-0008</i>	BEDROOM - SHEETROCK / JOINT COMPOUND / PLASTER				Stop Positive (Not Analyzed)
400W8-Plaster <i>041200398-0008A</i>	BEDROOM - SHEETROCK / JOINT COMPOUND / PLASTER				Insufficient Material
400W9-SRJC <i>041200398-0009</i>	DINING ROOM - SHEETROCK / JOINT COMPOUND / PLASTER				Stop Positive (Not Analyzed)

Initial report from 01/18/2012 06:51:14

Analyst(s)  

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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 400W9-Plaster, 400W10, 400W11, 400W12, 400W13, and 400W14.

Initial report from 01/18/2012 06:51:14

Analyst(s)

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Phong Nguyen (21)

Signature of Stephen Siegel

Stephen Siegel, CIH, Laboratory Manager
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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
400W15 <i>041200398-0015</i>	BASEMENT - WINDOW CAULKING	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
400W16 <i>041200398-0016</i>	BASEMENT - CHIMNEY CAULKING	Gray Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
400W17 <i>041200398-0017</i>	BASEMENT - CHIMNEY CAULKING				Stop Positive (Not Analyzed)
400W18 <i>041200398-0018</i>	UNDER SIDING - TAR PAPER	Black Non-Fibrous Homogeneous	70% Cellulose	30% Non-fibrous (other)	None Detected
400W19 <i>041200398-0019</i>	UNDER SIDING - TAR PAPER	Black Non-Fibrous Homogeneous	70% Cellulose	30% Non-fibrous (other)	None Detected
400W20 <i>041200398-0020</i>	UNDER SIDING - TAR PAPER	Black Non-Fibrous Heterogeneous	70% Cellulose	30% Non-fibrous (other)	None Detected
400W21 <i>041200398-0021</i>	SHED WINDOW - WINDOW CAULKING	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Initial report from 01/18/2012 06:51:14

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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
400W22 <i>041200398-0022</i>	SHED WINDOW - WINDOW CAULKING	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
400W23-Shingles <i>041200398-0023</i>	ROOF - MAIN - SHINGLES / TAR PAPER	Black Non-Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected
400W23-Tar Paper <i>041200398-0023A</i>	ROOF - MAIN - SHINGLES / TAR PAPER	Black Non-Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
400W24-Shingles <i>041200398-0024</i>	ROOF - MAIN - SHINGLES / TAR PAPER	Black Non-Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected
400W24-Tar Paper <i>041200398-0024A</i>	ROOF - MAIN - SHINGLES / TAR PAPER	Black Non-Fibrous Homogeneous	70% Cellulose	30% Non-fibrous (other)	None Detected
400W25-Shingles <i>041200398-0025</i>	ROOF - MAIN - SHINGLES / TAR PAPER	Black Fibrous Heterogeneous	20% Glass	80% Non-fibrous (other)	None Detected

Initial report from 01/18/2012 06:51:14

Analyst(s)  

---

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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
400W25-Tar Paper <i>041200398-0025A</i>	ROOF - MAIN - SHINGLES / TAR PAPER	Black Fibrous Heterogeneous	70% Cellulose	30% Non-fibrous (other)	None Detected
400W26 <i>041200398-0026</i>	PORCH ROOF - TAR PAPER	Black Non-Fibrous Homogeneous		97% Non-fibrous (other)	3% Chrysotile
400W27 <i>041200398-0027</i>	PORCH ROOF - TAR PAPER				Stop Positive (Not Analyzed)
400W28 <i>041200398-0028</i>	PORCH ROOF - TAR PAPER				Stop Positive (Not Analyzed)
400W29-Tar Paper <i>041200398-0029</i>	SHED ROOF - TAR PAPER / SHINGLES	Black Non-Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
400W29-Shingles <i>041200398-0029A</i>	SHED ROOF - TAR PAPER / SHINGLES	Black Non-Fibrous Homogeneous	20% Glass	80% Non-fibrous (other)	None Detected
400W30-Tar Paper <i>041200398-0030</i>	SHED ROOF - TAR PAPER / SHINGLES	Black Non-Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected

Initial report from 01/18/2012 06:51:14

Analyst(s)

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*Phong Nguyen (21)*

Stephen Siegel, CIH, Laboratory Manager  
or other approved signatory

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



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

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

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

Customer ID: KASI62
Customer PO: 509110222
Received: 01/06/12 3:00 PM
EMSL Order: 041200398

Fax: (802) 383-0490 Phone: (802) 383-0486
Project: 400 White St / #509110222

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, % Type. Rows include 400W30-Shingles, 400W31-Tar Paper, and 400W31-Shingles.

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

Initial report from 01/18/2012 06:51:14

Analyst(s)

Nancy Stalter (9)
Phong Nguyen (21)

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

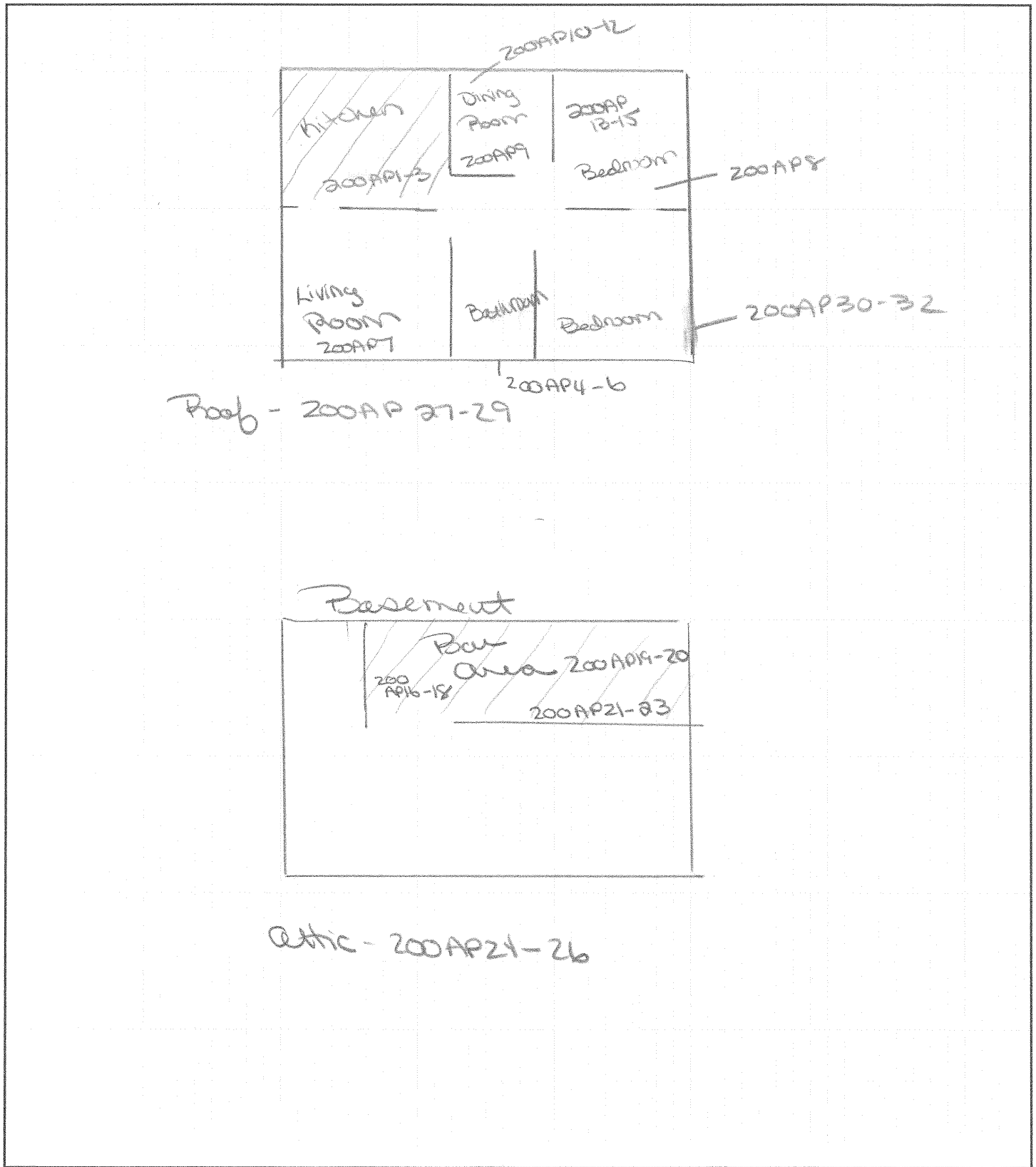
JOB 509110222

SHEET NO. 1 OF 1

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

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

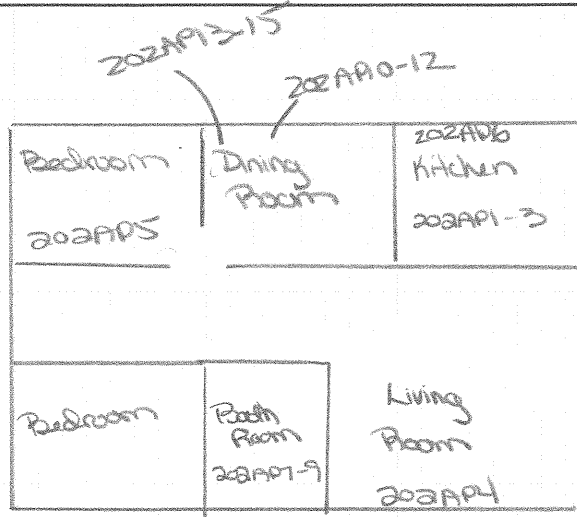
SCALE 200 Airport Parkway N15





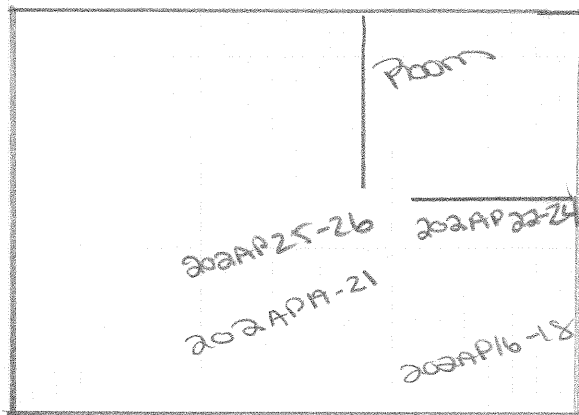
368 Avenue D Suite 15  
 WILLISTON, VERMONT 05495  
 (802) 383-0486 Fax (802) 383-0490

JOB 509110222  
 SHEET NO. 1 OF 1  
 CALCULATED BY AK DATE \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_ DATE \_\_\_\_\_  
 SCALE 202 Airport Parkway NTS



Roof 202AP-27-29

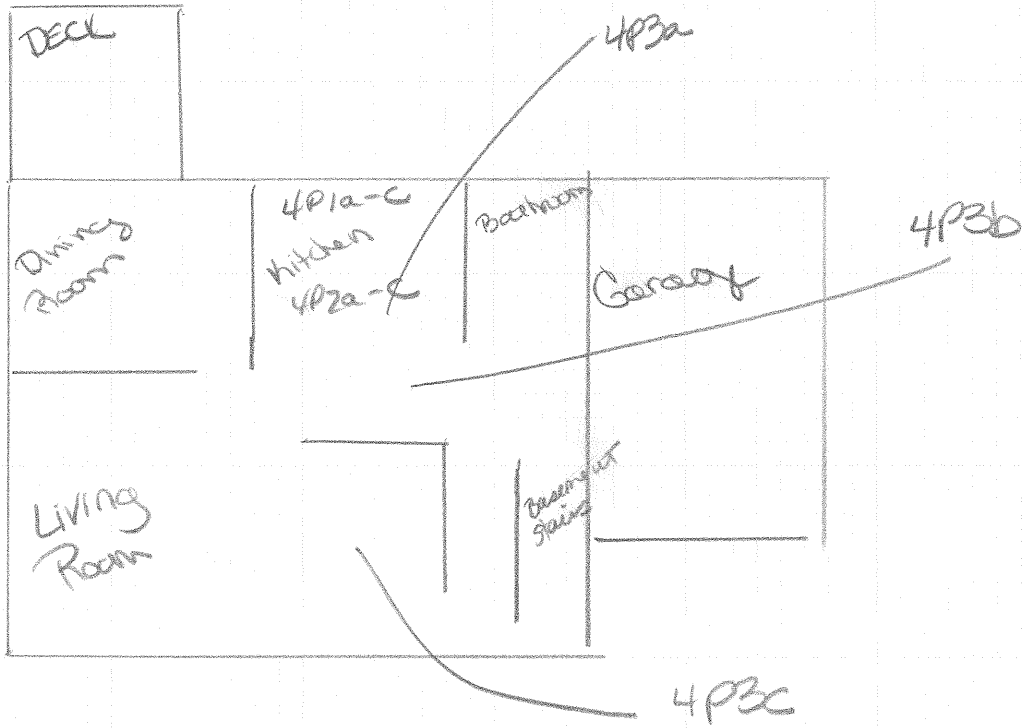
Basement



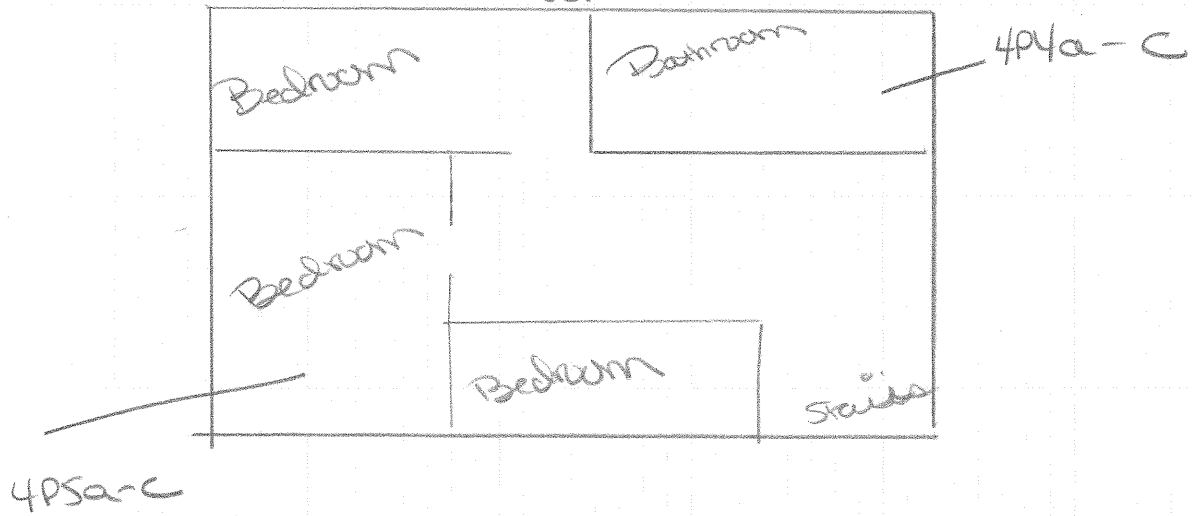


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JOB 509110222  
SHEET NO. 1 OF 1  
CALCULATED BY AK DATE \_\_\_\_\_  
CHECKED BY \_\_\_\_\_ DATE \_\_\_\_\_  
SCALE 4 Pcard NTS



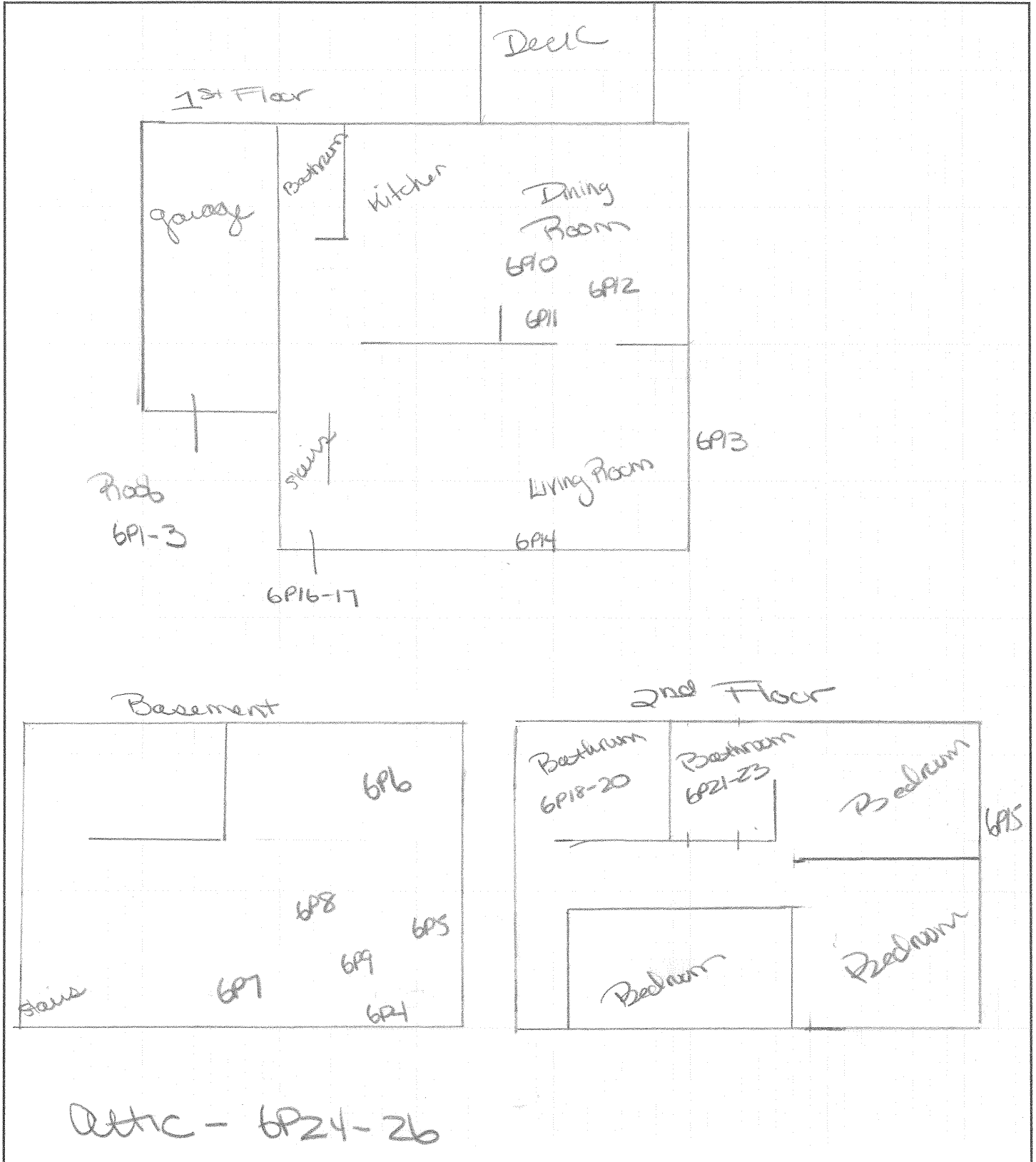
2nd Floor





368 Avenue D Suite 15  
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JOB 509110722  
 SHEET NO. 1 OF 1  
 CALCULATED BY AK DATE \_\_\_\_\_  
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 SCALE 6 Picard NTS

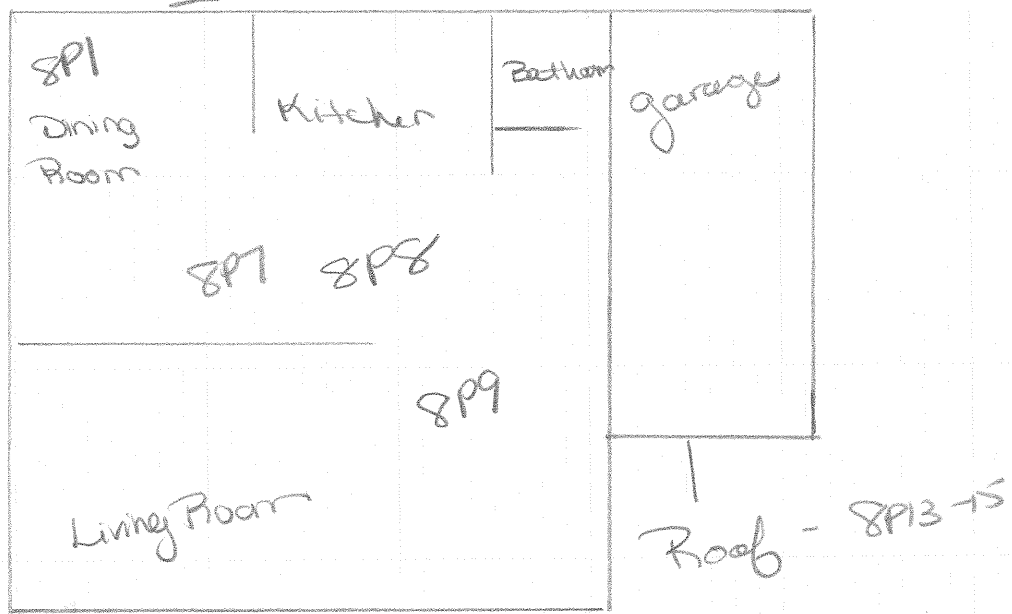




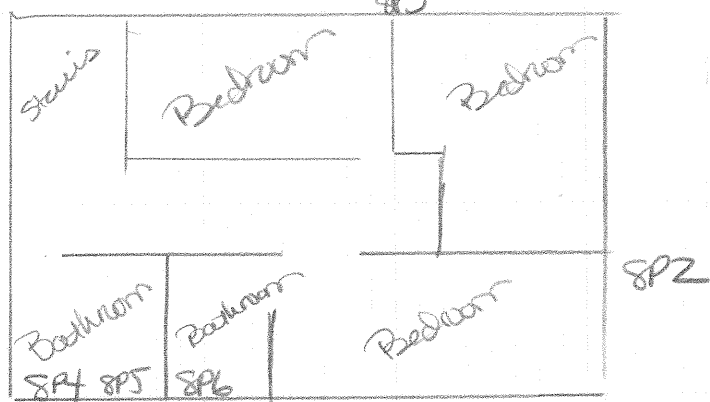
368 Avenue D Suite 15  
 WILLISTON, VERMONT 05495  
 (802) 383-0486 Fax (802) 383-0490

JOB 509110222  
 SHEET NO. 1 OF 1  
 CALCULATED BY AK DATE \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_ DATE \_\_\_\_\_  
 SCALE 8' Round NTS

1<sup>st</sup> Floor



2<sup>nd</sup> Floor



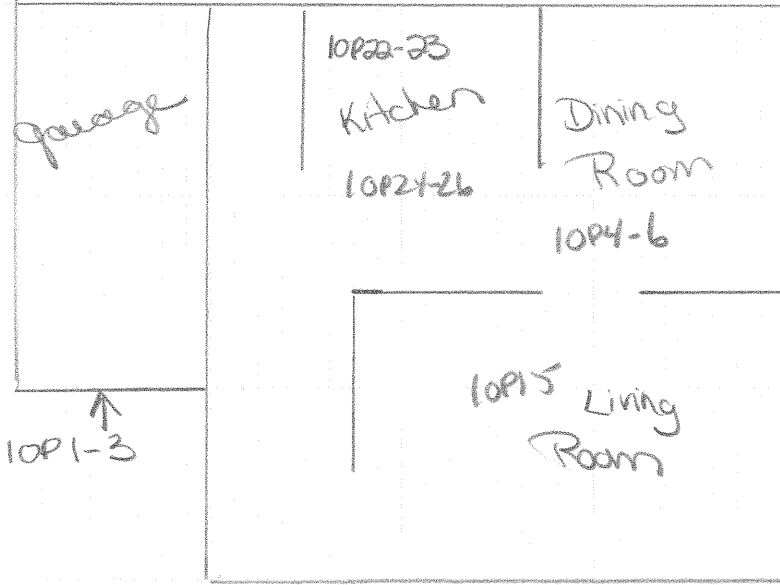
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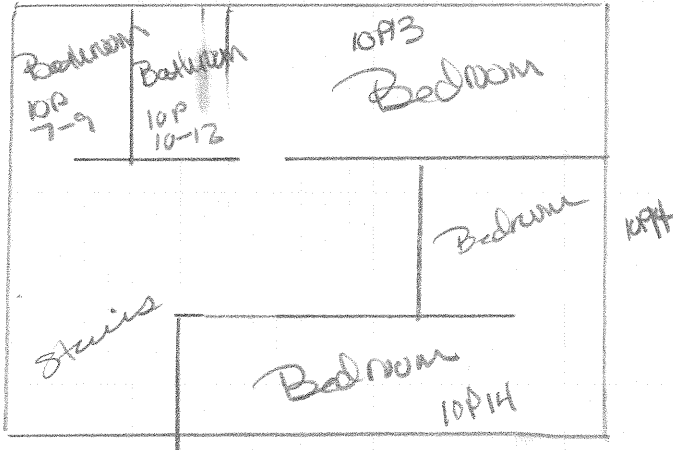
368 Avenue D Suite 15  
 WILLISTON, VERMONT 05495  
 (802) 383-0486 Fax (802) 383-0490

JOB 509110222  
 SHEET NO. 1 OF 1  
 CALCULATED BY AK DATE \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_ DATE \_\_\_\_\_  
 SCALE 10 Picard NTS

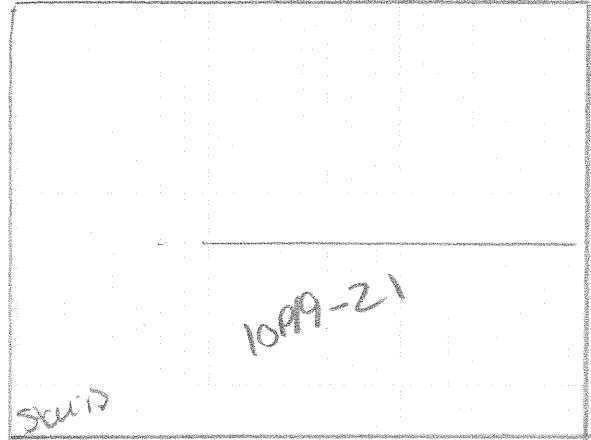
1st Floor



2nd Floor



Basement



Attic 10P16-10P18



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JOB 509110222

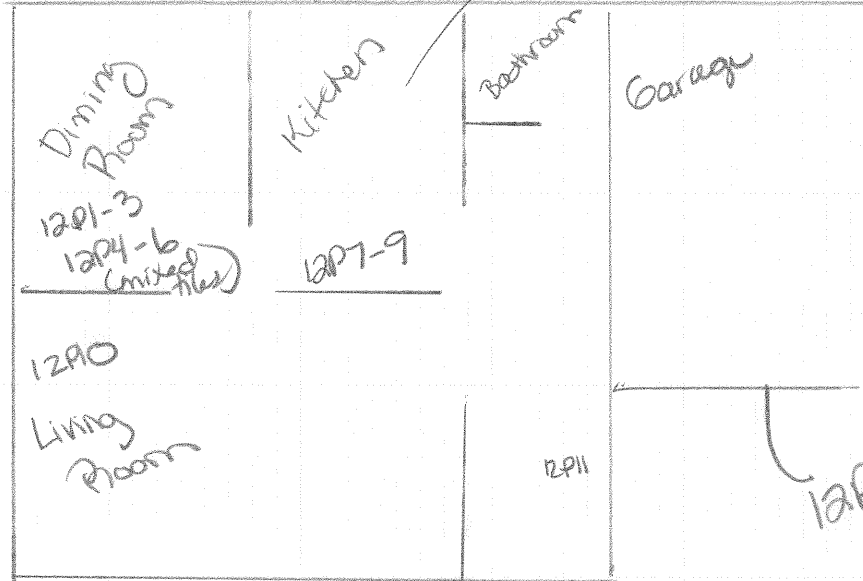
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CALCULATED BY AK DATE \_\_\_\_\_

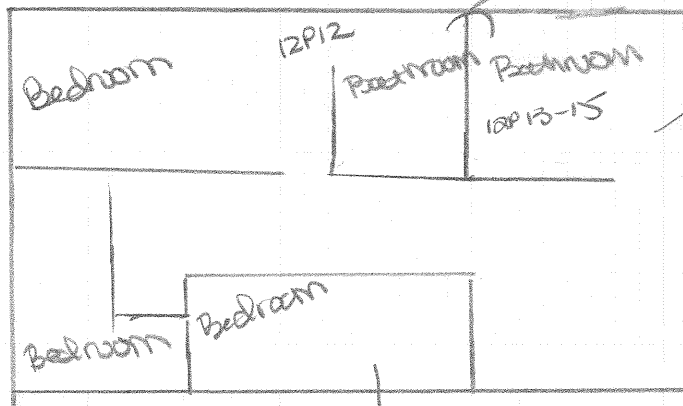
CHECKED BY \_\_\_\_\_ DATE \_\_\_\_\_

SCALE 12 Picard Circle NIS

1st Floor



2nd Floor



Attic - 12P16-12P18



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

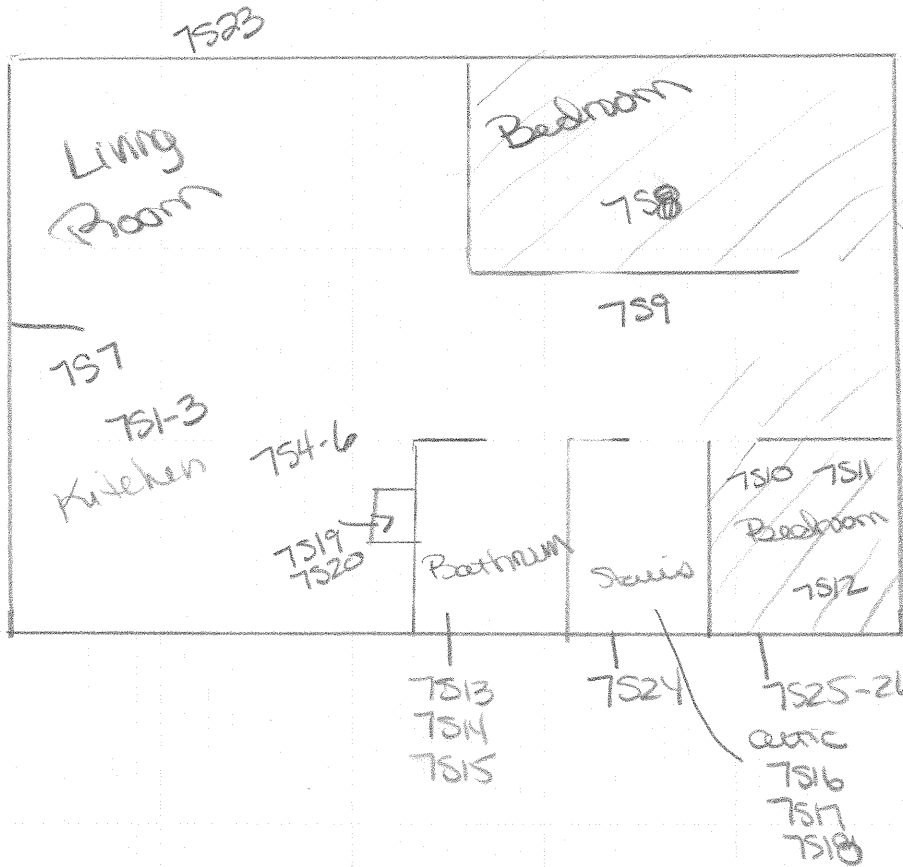
JOB 50910222

SHEET NO. 1 OF 1

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

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

SCALE 1/8" = 1'-0" NTS





368 Avenue D Suite 15  
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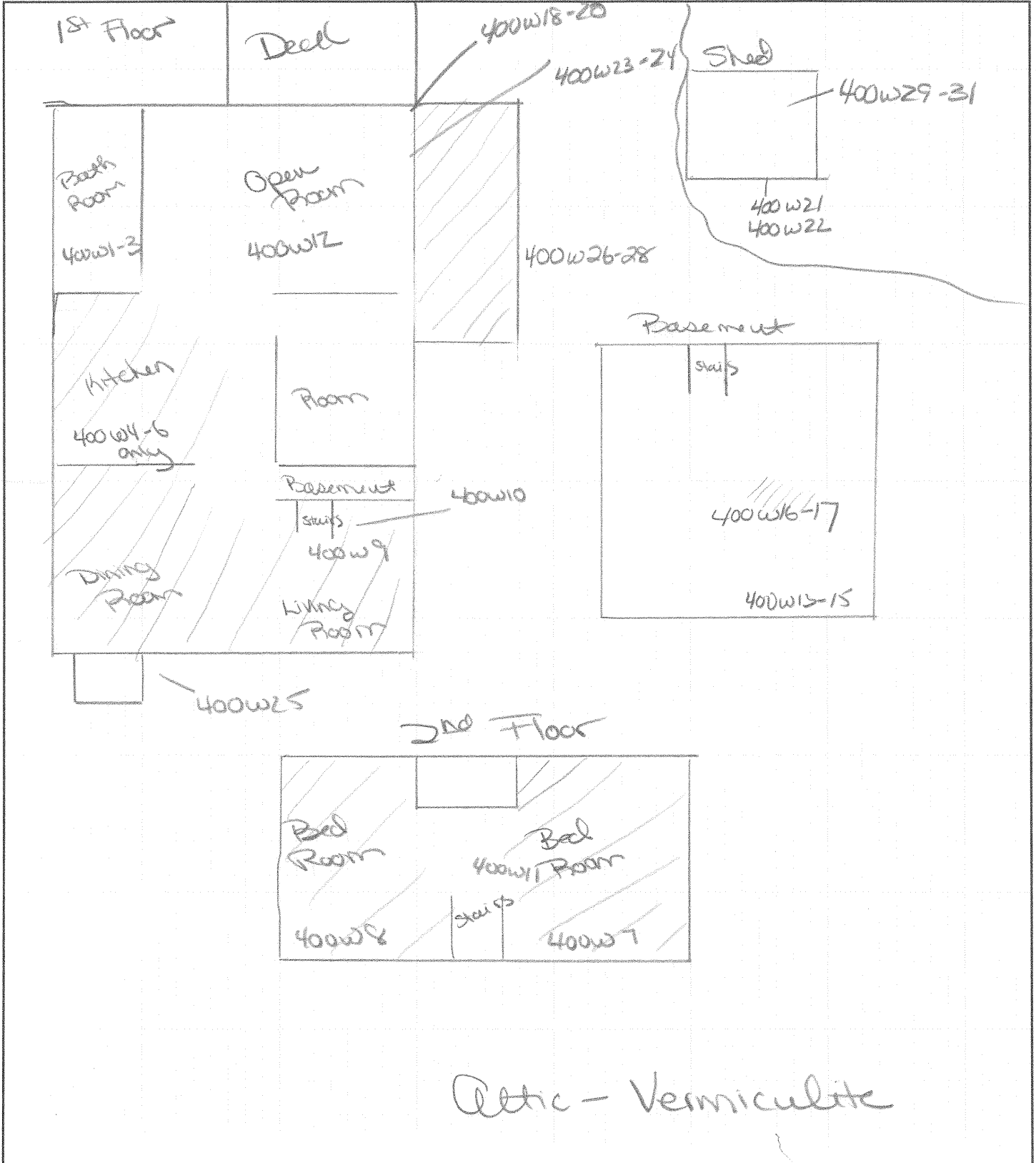
JOB 509110222

SHEET NO. 1 OF 1

CALCULATED BY AL DATE \_\_\_\_\_

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

SCALE 400 White Street NIS



APPENDIX 4  
EPA VERMICULITE GUIDANCE DOCUMENT

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

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

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

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

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