



ADDENDUM 4 – June 6, 2012

230 North Main Street Driggs, Idaho - Building Demolition

- 1 **Asbestos Test – Vermiculite:** Additional tests were performed on 3 samples of the vermiculite found within the CMU walls. One sample was taken from the original building and each of the two additions. The locations of the samples are identified on the attached sheet and shown on the map issued in Addendum 2.

Sinks Float

Preliminary Results Cover Sheet

DATE: <i>6/1/12</i>	NUMBER OF PAGES (INCLUDING COVER):
COMPANY: <i>MTI</i>	
ATTENTION:	
EMAIL ADDRESS/FAX NUMBER:	
<input type="checkbox"/> Urgent <input type="checkbox"/> Reply ASAP <input type="checkbox"/> Please Comment <input type="checkbox"/> Please Review <input type="checkbox"/> For Your Information	
COMMENTS:	

**Do you want your preliminary results faster?
Provide your email address to info@iatl.com or 856-231-9818
and update your account information today!
Online access is also available. Learn more: www.iatl.com/clientportal.**

After reviewing your preliminary results, if you require additional analysis on previously analyzed PLM or PCM samples by TEM, please indicate below, circle or highlight any samples/layers in the report that require such testing, and submit back via fax or email to expedite the process.

Indicate below if additional analysis is required:

- Gravimetric reduction TEM analysis (ex. TEM-NOB by ELAP 198.4 or equivalent)
- Airborne TEM analysis (ex. TEM-NIOSH 7402 or equivalent)

Preliminary results are issued by iATL to expedite the client decision making process. Preliminary results are limited, subject to change, and have not been reviewed/approved by the Laboratory Director. These results should not serve as the final report unless otherwise stated by iATL. This transmission contains privileged and confidential information that is only intended for the recipient listed above. Any review, dissemination or use of this transmission or any of its contents by persons other than the recipient listed is strictly prohibited. If you are not the intended recipient of this transmission, please contact info@iatl.com to help us update our records.

CERTIFICATE OF ANALYSIS

Client: Materials Testing & Inspection
2791 S. Victory View Way
Boise ID 83709

Report Date: 6/1/2012
Report No.: 274921
Project: Teton County
Project No.: E120036e

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 124667046F **Description / Location:** Grey Vermiculite Insulation
Client No.: 13-47 Floats

<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

Analysis by EPA-600/R-04/004.

Lab No.: 124667046S **Description / Location:** Grey Vermiculite Insulation
Client No.: 13-47 Sinks

<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
PC 0.99	Actinolite	None Detected	None Detected	PC 99.01

Analysis by EPA-600/R-04/004.

Lab No.: 124667047F **Description / Location:** Grey Vermiculite Insulation
Client No.: 14-50 Floats

<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

Analysis by EPA-600/R-04/004.

Lab No.: 124667047S **Description / Location:** Grey Vermiculite Insulation
Client No.: 14-50 Sinks

<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
PC 0.02	Actinolite	None Detected	None Detected	PC 99.98

Analysis by EPA-600/R-04/004.

Accreditations: NIST-NVLAP No. 101165-0 NY-DOH No. 11021 AIHA-LAP, LLC No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
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Analytical Method: EPA 600/R-93/116, by Polarized Light Microscopy

Comments: Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing.

Analysis Performed By: L. Solebello

Approved By: _____

Date: 6/1/2012

Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Materials Testing & Inspection
2791 S. Victory View Way
Boise ID 83709

Report Date: 6/1/2012
Report No.: 274921
Project: Teton County
Project No.: E120036e

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 124667048F	Description / Location: Grey Vermiculite Insulation			
Client No.: 15-52	Floats			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

Analysis by EPA-600/R-04/004.

Lab No.: 124667048S	Description / Location: Grey Vermiculite Insulation			
Client No.: 15-52	Sinks			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
PC 0.35	Actinolite	None Detected	None Detected	PC 99.65

Analysis by EPA-600/R-04/004.

Accreditations: NIST-NVLAP No. 101165-0 NY-DOH No. 11021 AIHA-LAP, LLC No. 100188

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Analytical Method: EPA 600/R-93/116, by Polarized Light Microscopy

Comments: Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing.

Analysis Performed By: L. Solebello

Date: 6/1/2012

Chain of Custody

- Bulk Asbestos -

Contact Information

<p>Client Company: <u>MTI</u></p> <p>Office Address: <u>2791 S. Victory View</u></p> <p>City, State, Zip: <u>BOISE, ID</u></p> <p>Fax Number: _____</p> <p>Email Address: <u>kuttherl@mti-id.com</u></p>	<p>Project Number: <u>E120036e</u></p> <p>Project Name: <u>Teton County</u></p> <p>Primary Contact: <u>Hanna Kuttherl</u></p> <p>Office Phone: <u>208 376 4748</u></p> <p>Cell Phone: _____</p>
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PLM Instructions:

- PLM: Bulk Asbestos Building Materials EPA 600 R-93/116, 1993
- PLM: Bulk Asbestos Building Materials EPA 600 M-4/82-020, 1982
- PLM: Bulk Asbestos Building Materials NIOSH 9002, 1985
- PLM: Bulk Asbestos Building Materials NYSDOH-ELAP 198.1, 2002
- PLM: Bulk Asbestos Building Materials NYSDOH-ELAP 198.6, 2010
- TEM: Bulk Asbestos Building Materials NYSDOH-ELAP 198.4, 2009

- PLM: Point-Counting
 - PC: via ELAP 198.1
 - PC: 400 Points
 - PC: 800 Points *
 - PC: 1600 Points *
- PLM: Analyze Until Positive (Positive Stop)
 - AUP: by Homogenous Area as Noted
 - AUP: by Material Type as Noted
- PLM: NOB via 198.6
 - PLM: Friable via EPA 600 2.3
 - If <1% by PLM, to TEM via 198.4 *
 - If <1% by PLM, Hold for Instructions
- PLM: Instructions for Multi-Layered Samples
 - Analyze and Report All Separable Layers per EPA 600
 - Report Composite for Drywall Systems per NESHAP
 - Report All Layers and Composite Where Applicable
 - Only Analyze and Report Specifically Noted Layer
- PLM: Non-Building Material *** (Dust, Wipe, Tape)
 - Soil or Vermiculite Analysis
 - CARE 435

Special Instructions: bucket floats ONLY - not PLM EPA 600R-93/116
we are screened by PLM - EPA 600R-93/116
* Additional charge and turnaround may be required ** Alternative Method (ex: EPA 600/R-04/004) may be recommended by Laboratory

Turnaround Time

Preliminary Results Requested Date: _____

Verbal Email Fax THANKS!

Specific date / time

10 Day 5 Day 3 Day 2 Day 1 Day* 12 Hour** 6 Hour** RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***

Chain of Custody

Relinquished (Name/Organization): <u>MTI</u>	Date: <u>5-23-12</u>	Time: <u>1420</u>	
Received (Name / iATL): _____	Date: _____	Time: _____	RECEIVE MAY 24 2012
Sample Login (Name / iATL): <u>ms1291w</u>	Date: _____	Time: _____	
Analysis (Name(s) / iATL): _____	Date: <u>6/1/12</u>	Time: _____	
QA/QC Review (Name / iATL): <u>stzola</u>	Date: _____	Time: _____	
Archived / Released: _____	QA/QC InterLAB/Use: _____	Date: _____	

KUTHERL@mti-id.com

IATL - BY
DICK 0531 2012

