

**Asbestos Inspection
Yellowstone Jumper Barracks
Gallatin National Forest
Hebgen Lake Ranger District**

Prepared by

**Reid Stovall
Facilities Engineer, Helena National Forest
USDA Forest Service
2880 Skyway Drive
Helena, MT 59602**

**Montana Accredited Asbestos Inspector
#MTA-3843
Exp. Date (08/22/2015)**

May 21, 2015

Asbestos Inspection Report
Yellowstone Jumper Barracks
Gallatin National Forest
Hebgen Lake Ranger District

INTRODUCTION

This report presents the findings of an asbestos inspection for Yellowstone Jumper Barracks located on the Hebgen Lake Ranger District on the Gallatin National Forest. Forest staff had asked that the structure be inspected due to recent flooding requiring extensive demolition and repair to the structure. The building and INFRA ID numbers is:

- Name: Yellowstone Jumper Barracks
- INFRA ID: XXXX

The fieldwork for this asbestos survey was conducted by Reid Stovall, Montana Accredited Inspector MTA-3843, on 4/29/2015.

DEFINITIONS (40 CFR 61.141)

Asbestos – means the asbestiform varieties of serpentinite (chrysotile), riebeckite (crocidolite), cummingtonite-grunerite, anthrophyllite, and actinolite-tremolite.

Category I Nonfriable Asbestos Containing Material (ACM) – means asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than 1 percent asbestos as determined using the method specified in appendix E, subpart E, 40 CFR part 763, section 1, Polarized Light Microscopy (PLM)

Category II Nonfriable ACM – means any material, excluding Category I nonfriable ACM, containing more than 1 percent asbestos as determined using the method specified in appendix E, subpart E, 40 CFR part 763, section 1, PLM that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

Nonfriable ACM – means any material containing more than 1 percent asbestos as determined using the method specified in appendix E, subpart E, 40 CFR part 763, section 1, PLM, that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

Regulated ACM (RACM) – means;

- a) Friable asbestos material
- b) Category I nonfriable ACM that has become friable
- c) Category I nonfriable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading
- d) Category II nonfriable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act

on the material in the course of demolition or renovation operations regulated by this subpart.

ASBESTOS INSPECTION AND SAMPLING PROCEDURES

The inspection meets the requirements for asbestos inspection and due diligence notification in the Occupational Safety and Health Administration (OSHA) Asbestos Standard (29 CFR 1926.1101), the National Emission Standards for Hazardous Air Pollutants (NESHAP 40 CFR 61), and applicable portions of the Asbestos Hazard Emergency Response Act (AHERA) and regulations in 40 CFR 763. Additionally the inspection complies with the requirements of the Administrative Rules of Montana (ARM), Title 17, Chapter 74, Subchapter 3.

The survey was conducted through visual evaluation, classification, and analysis of suspected asbestos-containing materials (ACMs) used in construction or remodeling of the building. The inspection was limited to materials that were readily accessible. It did not include extensive demolition of walls, ceilings, subsurface materials or similarly enclosed or encased building components or equipment.

Materials were grouped into Homogeneous Areas (HA): those considered consistent throughout an area of the building based on the material's appearance, including texture, size and color, manufacturer's labels, and/or construction era. Additionally, the condition of each material was assessed for damage and friability: the potential to release asbestos fibers through deteriorated condition or actions such as sawing, grinding or other mechanical actions. Photos are included in Appendix C.

Samples were collected for eighteen (18) Homogeneous Areas and analyzed in accordance with state and federal regulations.

LABORATORY AND ANALYTICAL METHODS

Samples were submitted to CEI Labs, a National Voluntary Laboratory Accreditation Program (NVLAP) accredited facility, for analysis. All samples were analyzed per 40 CFR, Part 763, Subpart F, Appendix A or current EPA method, to determine asbestos type and content using Polarized Light Microscopy (PLM).

The analytical results are attached as Appendix B. Summarized results are in the next section.

SURVEY RESULTS

Materials Sampled Containing more than 1% Asbestos:

- **KL – Kitchen Linoleum**
- **BLL – Bathroom Linoleum Lower**
- **ML – Mechanical Linoleum**
- **WC – Wallboard Cement**

- **BWL – Bath Wall Laminate**

Materials Sampled Containing 0% < ACM < 1% Asbestos:

- **WG – Wallboard General**
- **IV – Insulation Vermiculite**

Materials containing no Asbestos:

- **CFB – Ceiling Fiber Board**
- **FTT – Floor Tile Tan (tile and mastic)**
- **WK – Wallboard Kitchen**
- **KWL – Kitchen Wall Linoleum**
- **IF – Insulation Fiberglass**
- **C – Carpet (carpet and adhesive)**
- **BLU – Bath Linoleum Upper**
- **BFC – Bath Floor Composite**
- **WP – Wainscot Panel**

RECOMMENDATIONS

Materials Containing More Than 1% Asbestos: All materials exceeding the 1% asbestos threshold are in reasonable shape and are non-friable. However, the scope of remedial action required for the recent flooding event will likely subject the ACM materials to sanding, grinding, cutting, or abrading.

It is recommended to treat the existing Category I & II nonfriable ACM's as Regulated ACM's due to their vulnerability to disturbance during renovation/repair.

A licensed Asbestos Abatement Contractor should be contracted to perform the removal of all ACM materials. Contractor shall comply with NESHAP permitting requirements and follow OSHA procedures for handling.

Materials Sampled Containing 0% < ACM < 1% Asbestos: The vermiculite was primarily used as attic insulation but has migrated down internal wall cavities with traces discovered in the basement bathroom wall. It should be assumed that there is a vermiculite presence in all the internal wall cavities.

Both the wallboard and vermiculite materials fall below the threshold requiring regulation. These materials are in reasonable shape but could be considered friable.

Although the ACM levels discovered in these materials are below regulation levels, asbestos was still identified. For added safety, it is recommended that these materials be abated under the same contract of the ACM materials listed above.

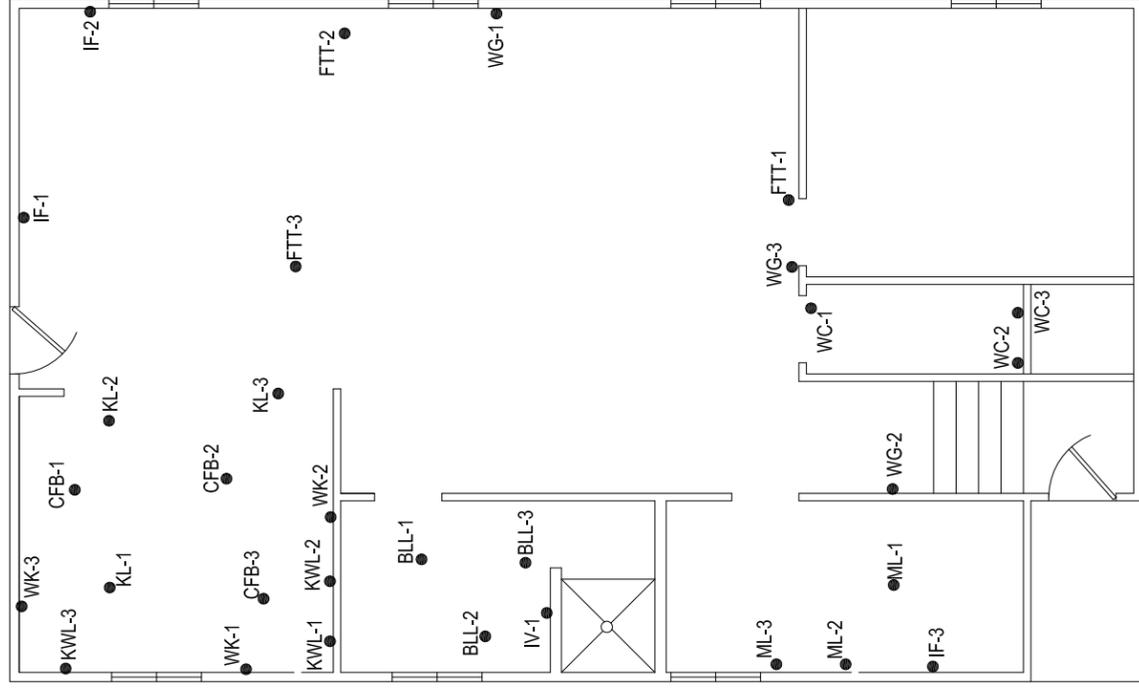
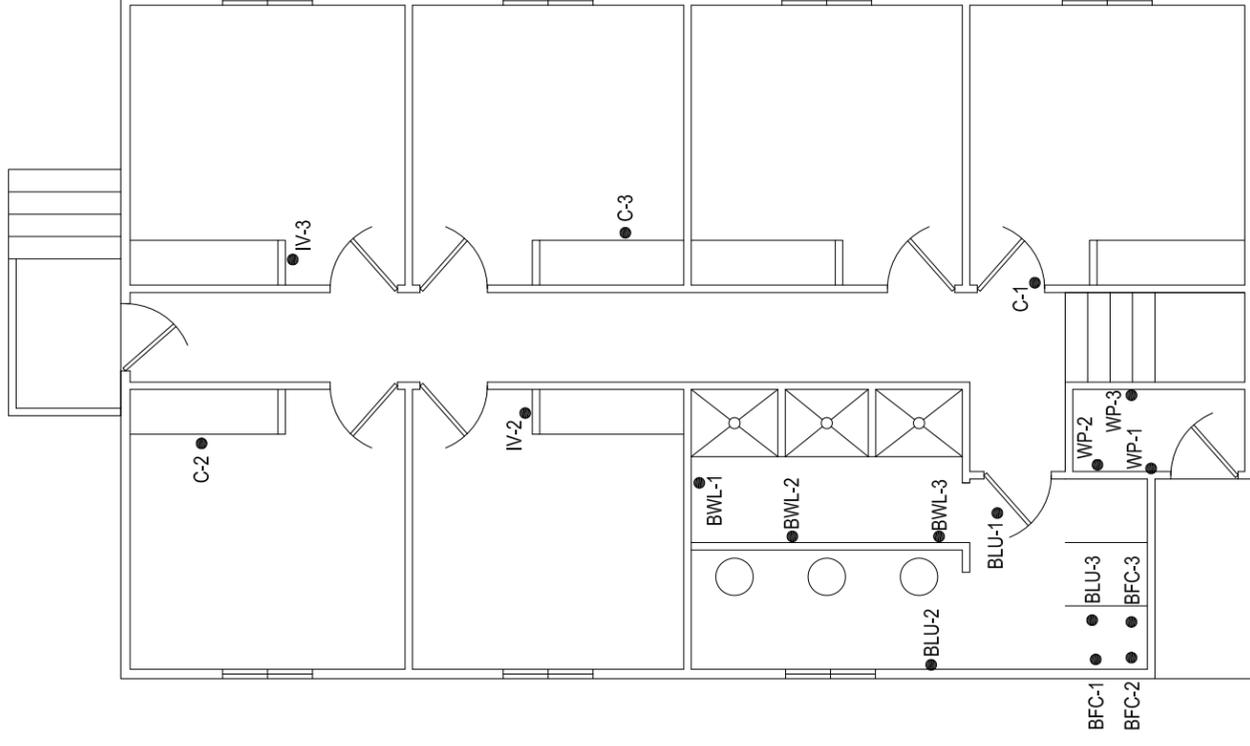
Materials Containing No Asbestos: These materials do not contain detectable levels of asbestos. They can be repaired or disposed of without triggering state or federal regulations.

CERTIFICATION

I certify that this inspection is comprehensive and in substantial compliance with the requirements of NESHAP and the State of Montana Regulations.

 5/21/15

Montana Accredited Asbestos Inspector, MTA-3843



- LEGEND :
- CFB - CEILING FIBER BOARD
 - KL - KITCHEN LINOLEUM
 - FTT - FLOOR TILE TAN
 - BLL - BATH LINOLEUM LOWER
 - ML - MECHANICAL LINOLEUM
 - WK - WALLBOARD KITCHEN
 - WG - WALLBOARD GENERAL
 - WC - WALLBOARD CEMENT
 - KWL - KITCHEN WALL LINOLEUM
 - IF - INSULATION FIBERGLASS
 - IV - INSULATION VERMICULITE
 - C - CARPET
 - BLU - BATH LINOLEUM UPPER
 - BFC - BATH FLOOR COMPOSITE
 - WP - WAINSCOT PANEL
 - BWL - BATH WALL LAMINATE



U.S. DEPARTMENT OF AGRICULTURE
 FOREST SERVICE
 HELENA NATIONAL FOREST
 HELENA, MT

HEBGEN LAKE
 RANGER DISTRICT

ASBESTOS SAMPLING
 JUMPER BARRACKS

DESIGNED: R. Stovall
 DRAWN: R. Stovall
 CHECKED:

DATE: 2015
 DATE: 2015
 DATE:

DATE	REVISION	BY

AUTOCAD FILENAME:
 ACAD.DWG
 SHEET 1



May 8, 2015

USDA Forest Service
2880 Skyway Drive
Helena, MT 59602

CLIENT PROJECT: Yellowstone Jumper Barracks
CEI LAB CODE: B15-2151

Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on May 4, 2015. The samples were analyzed for asbestos using polarizing light microscopy (PLM) per the EPA 600 Method.

Sample results containing >1% asbestos are considered asbestos-containing materials (ACMs) per EPA regulatory requirements. The detection limit for the EPA 600 Method is <1% asbestos by weight as determined by visual estimation.

Thank you for your business and we look forward to continuing good relations. If you have any questions, please feel free to call our office at 919-481-1413.

Kind Regards,

A handwritten signature in black ink, appearing to read "Tianbao Bai".

Tianbao Bai, Ph.D., CIH
Laboratory Director





ASBESTOS ANALYTICAL REPORT
By: Polarized Light Microscopy

Prepared for

USDA Forest Service

CLIENT PROJECT: Yellowstone Jumper Barracks

CEI LAB CODE: B15-2151

TEST METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORT DATE: 05/08/15

TOTAL SAMPLES ANALYZED: 38

SAMPLES >1% ASBESTOS: 5

TEL: 866-481-1412

www.ceilabs.com



Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Yellowstone Jumper Barracks

CEI LAB CODE: B15-2151

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
CFB-1		B29781	Brown	Ceiling Fiber Board	None Detected
CFB-2		B29782	Brown	Ceiling Fiber Board	None Detected
CFB-3		B29783	Brown	Ceiling Fiber Board	None Detected
KL-1		B29784	Tan	Linoleum	Chrysotile 25%
KL-2		B29785		Sample Not Analyzed per COC	
KL-3		B29786		Sample Not Analyzed per COC	
FTT-1		B29787A	Tan	Floor Tile	None Detected
		B29787B	Black	Mastic	None Detected
FTT-2		B29788A	Tan	Floor Tile	None Detected
		B29788B	Black	Mastic	None Detected
FTT-3		B29789A	Tan	Floor Tile	None Detected
		B29789B	Black	Mastic	None Detected
BLL-1		B29790	Tan	Linoleum	Chrysotile 25%
BLL-2		B29791		Sample Not Analyzed per COC	
BLL-3		B29792		Sample Not Analyzed per COC	
ML-1		B29793	Beige	Linoleum	Chrysotile 25%
ML-2		B29794		Sample Not Analyzed per COC	
ML-3		B29795		Sample Not Analyzed per COC	
WK-1		B29796	Off-white	Wallboard	None Detected
WK-2		B29797	Off-white	Wallboard	None Detected
WK-3		B29798	Off-white	Wallboard	None Detected
WG-1		B29799	Off-white	Wallboard	None Detected
WG-2		B29800	Off-white	Wallboard	None Detected
WG-3		B29801	Off-white	Wallboard/Joint Compound	Chrysotile <1%
WC-1		B29802	Gray	Wallboard Cement	Chrysotile 20%
WC-2		B29803		Sample Not Analyzed per COC	
WC-3		B29804		Sample Not Analyzed per COC	
KWL-1		B29805	Orange,Brown	Wall Linoleum	None Detected
KWL-2		B29806	Orange,Brown	Wall Linoleum	None Detected
KWL-3		B29807	Orange,Brown	Wall Linoleum	None Detected
IF-1		B29808	Green,Black	Insulation	None Detected



Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Yellowstone Jumper Barracks

CEI LAB CODE: B15-2151

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
IF-2		B29809	Green,Black	Insulation	None Detected
IF-3		B29810	Green,Black	Insulation	None Detected
IV-1		B29811	Bronze	Vermiculite Insulation	None Detected
IV-2		B29812	Bronze	Vermiculite Insulation	Tremolite <1%
IV-3		B29813	Bronze	Vermiculite Insulation	Tremolite <1%
C-1	Layer 1	B29814	Gray	Carpet	None Detected
	Layer 2	B29814	Yellow	Carpet Adhesive	None Detected
C-2	Layer 1	B29815	Gray	Carpet	None Detected
	Layer 2	B29815	Yellow	Carpet Adhesive	None Detected
C-3	Layer 1	B29816	Gray	Carpet	None Detected
	Layer 2	B29816	Yellow	Carpet Adhesive	None Detected
BLU-1		B29817	Off-white	Linoleum	None Detected
BLU-2		B29818	Off-white	Linoleum	None Detected
BLU-3		B29819	Off-white	Linoleum	None Detected
BFC-1		B29820	Tan	Flooring	None Detected
BFC-2		B29821	Tan	Flooring	None Detected
BFC-3		B29822	White,Brown	Flooring	None Detected
WP-1		B29823	Tan	Wainscot Panel	None Detected
WP-2		B29824	Tan	Wainscot Panel	None Detected
WP-3		B29825	Tan	Wainscot Panel	None Detected
BWL-1		B29826	Beige,Yellow	Wall Laminate	Chrysotile 25%
BWL-2		B29827		Sample Not Analyzed per COC	
BWL-3		B29828		Sample Not Analyzed per COC	



ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: USDA Forest Service
2880 Skyway Drive
Helena, MT 59602

CEI Lab Code: B15-2151
Date Received: 05-04-15
Date Analyzed: 05-08-15
Date Reported: 05-08-15

Project: Yellowstone Jumper Barracks

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous	Cellulose	Non-Fibrous	Binder	
CFB-1 B29781	Ceiling Fiber Board	Homogeneous Brown Fibrous Loosely Bound	95%	Cellulose	5%	Binder	None Detected
CFB-2 B29782	Ceiling Fiber Board	Homogeneous Brown Fibrous Loosely Bound	95%	Cellulose	5%	Binder	None Detected
CFB-3 B29783	Ceiling Fiber Board	Homogeneous Brown Fibrous Loosely Bound	95%	Cellulose	5%	Binder	None Detected
KL-1 B29784	Linoleum	Heterogeneous Tan Fibrous Bound	10%	Cellulose	50% 10% 5%	Vinyl Binder Mastic	25% Chrysotile
KL-2 B29785	Sample Not Analyzed per COC						
KL-3 B29786	Sample Not Analyzed per COC						
FTT-1 B29787A	Floor Tile	Homogeneous Tan Non-fibrous Tightly Bound			100%	Vinyl	None Detected
B29787B	Mastic	Homogeneous Black Fibrous Tightly Bound	5%	Cellulose	95%	Mastic	None Detected



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Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
FTT-2 B29788A	Floor Tile	Homogeneous Tan Non-fibrous Tightly Bound			100%	Vinyl	None Detected
	B29788B	Mastic	Homogeneous Black Fibrous Tightly Bound	5%	Cellulose	95%	Mastic
FTT-3 B29789A	Floor Tile	Homogeneous Tan Non-fibrous Tightly Bound			100%	Vinyl	None Detected
	B29789B	Mastic	Homogeneous Black Fibrous Tightly Bound	5%	Cellulose	95%	Mastic
BLL-1 B29790	Linoleum	Heterogeneous Tan Fibrous Bound	10%	Cellulose	50%	Vinyl	25% Chrysotile
					10%	Binder	
BLL-2 B29791	Sample Not Analyzed per COC						
BLL-3 B29792	Sample Not Analyzed per COC						
ML-1 B29793	Linoleum	Heterogeneous Beige Fibrous Bound	10%	Cellulose	50%	Vinyl	25% Chrysotile
					10%	Binder	
ML-2 B29794	Sample Not Analyzed per COC						



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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
ML-3 B29795	Sample Not Analyzed per COC						
WK-1 B29796	Wallboard	Heterogeneous Off-white Fibrous Loosely Bound	15%	Cellulose	80%	Gypsum Silicates	None Detected
WK-2 B29797	Wallboard	Heterogeneous Off-white Fibrous Loosely Bound	15%	Cellulose	80%	Gypsum Silicates	None Detected
WK-3 B29798	Wallboard	Heterogeneous Off-white Fibrous Loosely Bound	15%	Cellulose	80%	Gypsum Silicates	None Detected
WG-1 B29799	Wallboard	Heterogeneous Off-white Fibrous Loosely Bound	15%	Cellulose	80%	Gypsum Paint	None Detected
WG-2 B29800	Wallboard	Heterogeneous Off-white Fibrous Loosely Bound	15%	Cellulose	80%	Gypsum Paint	None Detected
WG-3 B29801	Wallboard/Joint Compound	Heterogeneous Off-white Fibrous Loosely Bound	15%	Cellulose	80%	Gypsum Calc Carb Paint	<1% Chrysotile
Lab Notes: 2% chrysotile in joint compound only; <1% overall.							
WC-1 B29802	Wallboard Cement	Homogeneous Gray Fibrous Bound			55%	Binder Silicates	20% Chrysotile



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Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
WC-2 B29803	Sample Not Analyzed per COC						
WC-3 B29804	Sample Not Analyzed per COC						
KWL-1 B29805	Wall Linoleum	Heterogeneous Orange,Brown Fibrous Tightly Bound	75%	Cellulose	15%	Binder Vinyl Mastic	None Detected
KWL-2 B29806	Wall Linoleum	Heterogeneous Orange,Brown Fibrous Tightly Bound	75%	Cellulose	15%	Binder Vinyl Mastic	None Detected
KWL-3 B29807	Wall Linoleum	Heterogeneous Orange,Brown Fibrous Tightly Bound	75%	Cellulose	15%	Binder Vinyl Mastic	None Detected
IF-1 B29808	Insulation	Heterogeneous Green,Black Fibrous Loosely Bound	15% 80%	Cellulose Fiberglass	5%	Tar	None Detected
IF-2 B29809	Insulation	Heterogeneous Green,Black Fibrous Loosely Bound	15% 80%	Cellulose Fiberglass	5%	Tar	None Detected
IF-3 B29810	Insulation	Heterogeneous Green,Black Fibrous Loosely Bound	15% 80%	Cellulose Fiberglass	5%	Tar	None Detected



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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS			ASBESTOS %	
			Fibrous	Non-Fibrous			
IV-1 B29811	Vermiculite Insulation	Heterogeneous Bronze Fibrous Loose	<1%	Cellulose	100%	Vermiculite	None Detected
IV-2 B29812	Vermiculite Insulation	Heterogeneous Bronze Fibrous Loose	<1%	Cellulose	100%	Vermiculite	<1% Tremolite
IV-3 B29813	Vermiculite Insulation	Heterogeneous Bronze Fibrous Loose	<1%	Cellulose	100%	Vermiculite	<1% Tremolite
C-1 Layer 1 B29814	Carpet	Heterogeneous Gray Fibrous Loosely Bound	90%	Synthetic Fiber	10%	Binder	None Detected
Layer 2 B29814	Carpet Adhesive	Heterogeneous Yellow Fibrous Tightly Bound	10%	Synthetic Fiber	90%	Mastic	None Detected
C-2 Layer 1 B29815	Carpet	Heterogeneous Gray Fibrous Loosely Bound	90%	Synthetic Fiber	10%	Binder	None Detected
Layer 2 B29815	Carpet Adhesive	Heterogeneous Yellow Fibrous Tightly Bound	10%	Synthetic Fiber	90%	Mastic	None Detected



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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
C-3 Layer 1 B29816	Carpet	Heterogeneous Gray Fibrous Loosely Bound	90%	Synthetic Fiber	10%	Binder	None Detected
Layer 2 B29816	Carpet Adhesive	Heterogeneous Yellow Fibrous Tightly Bound	10%	Synthetic Fiber	90%	Mastic	None Detected
BLU-1 B29817	Linoleum	Heterogeneous Off-white Fibrous Bound	25%	Cellulose	50%	Vinyl	None Detected
			10%	Fiberglass	15%	Binder	
BLU-2 B29818	Linoleum	Heterogeneous Off-white Fibrous Bound	25%	Cellulose	50%	Vinyl	None Detected
			10%	Fiberglass	15%	Binder	
BLU-3 B29819	Linoleum	Heterogeneous Off-white Fibrous Bound	25%	Cellulose	50%	Vinyl	None Detected
			10%	Fiberglass	15%	Binder	
BFC-1 B29820	Flooring	Heterogeneous Tan Fibrous Bound	40%	Cellulose	40%	Vinyl	None Detected
					15%	Binder	
					5%	Mastic	
BFC-2 B29821	Flooring	Heterogeneous Tan Fibrous Bound	40%	Cellulose	40%	Vinyl	None Detected
					15%	Binder	
					5%	Mastic	



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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous	Cellulose	Non-Fibrous		
BFC-3 B29822	Flooring	Heterogeneous White,Brown Fibrous Bound	85%	Cellulose	10% 5%	Binder Vinyl	None Detected
WP-1 B29823	Wainscot Panel	Heterogeneous Tan Fibrous Bound	80%	Cellulose	10% 10%	Binder Paint	None Detected
WP-2 B29824	Wainscot Panel	Heterogeneous Tan Fibrous Bound	80%	Cellulose	10% 10%	Binder Paint	None Detected
WP-3 B29825	Wainscot Panel	Heterogeneous Tan Fibrous Bound	80%	Cellulose	10% 10%	Binder Paint	None Detected
BWL-1 B29826	Wall Laminate	Heterogeneous Beige, Yellow Fibrous Bound	10%	Cellulose	50% 10% 5%	Vinyl Binder Mastic	25% Chrysotile
BWL-2 B29827	Sample Not Analyzed per COC						
BWL-3 B29828	Sample Not Analyzed per COC						



LEGEND: Non-Anth = Non-Asbestiform Anthophyllite
 Non-Trem = Non-Asbestiform Tremolite
 Calc Carb = Calcium Carbonate

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

LIMIT OF DETECTION: <1% by visual estimation

REGULATORY LIMIT: >1% by weight

Due to the limitations of the EPA 600 method, nonfriable organically bound materials (NOBs) such as vinyl floor tiles can be difficult to analyze via polarized light microscopy (PLM). EPA recommends that all NOBs analyzed by PLM, and found not to contain asbestos, be further analyzed by Transmission Electron Microscopy (TEM). Please note that PLM analysis of dust and soil samples for asbestos is not covered under NVLAP accreditation.

This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by CEI Labs, Inc. CEI Labs makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation of the analytical results is the sole responsibility of the client. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government.

ANALYST: 
Susannah Small

APPROVED BY: 
Tianbao Bai, Ph.D., CIH
Laboratory Director





107 New Edition Court, Cary, NC 27511
 Tel: 866-481-1412; Fax: 919-481-1442

ASBESTOS CHAIN OF CUSTODY

(48)

LAB USE ONLY:
 CEI Lab Code: B15 2151
 CEI Lab I.D. Range: B29781 B29828

COMPANY INFORMATION	PROJECT INFORMATION
CEI CLIENT #:	Job Contact: REID STOVALL
Company: USDA FOREST SERVICE	Email / Tel:
Address: 2880 SKYWAY DR HELENA, MT 59602	Project Name: YELLOWSTONE JUMPER BARRACKS
Email: reidstovall@fs.fed.us	Project ID#
Tel: (406) 495-3766 Fax: (406) 449-5436	PO #:
	STATE SAMPLES COLLECTED IN:

IF TAT IS NOT MARKED STANDARD 3 DAY TAT APPLIES.

ASBESTOS	METHOD	TURN AROUND TIME					
		4 HR	8 HR	24 HR	2 DAY	3 DAY	5 DAY
PLM BULK	EPA 600	<input type="checkbox"/>	<input checked="" type="checkbox"/>				
PLM POINT COUNT (400)	EPA 600	<input type="checkbox"/>					
PLM POINT COUNT (1000)	EPA 600	<input type="checkbox"/>					
PLM GRAV w POINT COUNT	EPA 600		<input type="checkbox"/>				
PLM BULK	CARB 435		<input type="checkbox"/>				
PCM AIR	NIOSH 7400	<input type="checkbox"/>					
TEM AIR	EPA AHERA	<input type="checkbox"/>					
TEM AIR	NIOSH 7402	<input type="checkbox"/>					
TEM AIR	ISO 10312	<input type="checkbox"/>					
TEM AIR	ASTM 6281-09	<input type="checkbox"/>					
TEM BULK	CHATFIELD		<input type="checkbox"/>				
TEM DUST WIPE	ASTM D6480-05	<input type="checkbox"/>					
TEM DUST MICROVAC	ASTM D5755-09	<input type="checkbox"/>					
TEM SOIL	ASTM D7521-13			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM VERMICULITE	CINCINNATI METHOD			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER:		<input type="checkbox"/>					

REMARKS / SPECIAL INSTRUCTIONS:
 POSITIVE STOP ON SAMPLES w/ ACM ≥ 1%

Accept Samples
 Reject Samples

Relinquished By:	Date/Time	Received By:	Date/Time
REID STOVALL OLD SAH	4/30/15 9:30 am	[Signature]	5/4/15 8:00 am

Samples will be disposed of 30 days after analysis



ASBESTOS SAMPLING FORM

B15 2151

COMPANY CONTACT INFORMATION	
Company: <u>USDA FOREST SERVICE</u>	Job Contact: <u>RED STOVALL</u>
Project Name: <u>YELLOWSTONE JUMPER BARRACKS</u>	
Project ID #:	Tel: <u>(406) 495-3766</u>

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST	
CFB-1	CEILING FIBER BOARD		PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
CFB-2	"		PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
CFB-3	"		PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
KL-1	KITCHEN LINOLEUM		PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
KL-2	"		PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
KL-3	"		PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
FTT-1	FLOOR TILE TAN		PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
FTT-2	"		PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
FTT-3	"		PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
BLL-1	BATH LINOLEUM LOWER		PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
BLL-2	"		PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
BLL-3	"		PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
ML-1	MECHANICAL LINOLEUM		PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
ML-2	"		PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
ML-3	"		PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
WK-1	WALLBOARDS KITCHEN		PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
WK-2	"		PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
WK-3	"		PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
WG-1	WALLBOARDS GENERAL		PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
WG-2	"		PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
WG-3	"		PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
WC-1	WALLBOARD CEMENT		PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
WC-2	"		PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
WC-3	"		PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
KWL-1	KITCHEN WALL LINOLEUM		PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
KWL-2	"		PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
KWL-3	"		PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>



APPENDIX C - PHOTOS



APPENDIX C - PHOTOS



APPENDIX C - PHOTOS



APPENDIX C - PHOTOS

