



# **Phase II Environmental Site Assessment (ESA) Building Materials**

**GLACIER HOTEL  
15 1ST AVENUE SW  
CUT BANK, MONTANA**

**SWEETGRASS DEVELOPMENT**

**AUGUST 2016**

 **NewFields**



# Phase II Environmental Site Assessment

## Building Materials Investigation

Glacier Hotel  
15 1<sup>st</sup> Avenue SW  
Cut Bank, Montana

***Prepared for:***

*Sweetgrass Development Corporation  
521 1st Avenue NW  
Great Falls, Montana 59401*

***Prepared by:***

*NewFields Companies, LLC  
1120 Cedar Street  
Missoula, Montana 59802*



August 2016  
Project No. 350.0229.002



## TABLE OF CONTENTS

<b>EXECUTIVE SUMMARY .....</b>	<b>iii</b>
<b>1.0 INTRODUCTION.....</b>	<b>1</b>
1.1 SITE SETTING .....	1
1.2 REGULATORY BACKGROUND.....	3
1.2.1 Asbestos .....	3
1.2.2 Lead in Building Materials.....	4
<b>2.0 INSPECTION PROCEDURES.....</b>	<b>5</b>
2.1 ASBESTOS.....	5
2.2 LEAD IN BUILDING MATERIALS.....	6
<b>3.0 FINDINGS.....</b>	<b>7</b>
3.1 ASBESTOS.....	7
3.2 LEAD IN BUILDING MATERIALS.....	9
<b>4.0 RECOMMENDATIONS.....</b>	<b>10</b>
4.1 ASBESTOS.....	10
4.2 LEAD IN BUILDING MATERIALS.....	10
<b>5.0 ABATEMENT COST ESTIMATE .....</b>	<b>11</b>
<b>6.0 LIMITATIONS.....</b>	<b>12</b>
<b>7.0 REFERENCES.....</b>	<b>13</b>





## LIST OF FIGURES

Figure 1	Site Location Map
Figure 2	Site Map
Figure 3a	Asbestos Sample Locations and Results – Hotel Original Building, Basement
Figure 3b	Asbestos Sample Locations and Results – Hotel Original Building, 1 <sup>st</sup> Floor
Figure 3c	Asbestos Sample Locations and Results – Hotel Original Building, 2 <sup>nd</sup> Floor
Figure 3d	Asbestos Sample Locations and Results – Hotel Original Building, 3 <sup>rd</sup> Floor
Figure 4	Asbestos Sample Locations and Results – Hotel/Lounge, Roof
Figure 5a	Asbestos Sample Locations and Results – Hotel Addition, 1 <sup>st</sup> Floor
Figure 5b	Asbestos Sample Locations and Results – Hotel Addition, 2 <sup>nd</sup> Floor
Figure 6	Asbestos Sample Locations and Results – Lounge
Figure 7	Asbestos Sample Locations and Results – Motel
Figure 8	Asbestos Sample Locations and Results – Motel Office

## LIST OF TABLES

Table 3-1. Materials Containing Asbestos - Hotel.....	7
Table 3-2. Materials Containing Asbestos - Lounge.....	8
Table 3-3. Materials Containing Asbestos - Motel.....	8
Table 3-4. Materials Containing Asbestos - Office.....	9

## LIST OF APPENDICES

Appendix A	Asbestos Inspector Certificates
Appendix B	Field Notes
Appendix C	Analytical Laboratory Reports
Appendix D	Site Photographs
Appendix E	Asbestos Abatement Cost Estimate





## EXECUTIVE SUMMARY

Between June 15 and June 24, 2016, NewFields Companies LLC (NewFields) performed inspections to identify asbestos- and lead-containing building materials at the Glacier Hotel located at 15 1<sup>st</sup> Avenue Southwest in Cut Bank, Montana. The inspection was completed under contract to Sweetgrass Development Corporation using United States Environmental Protection Agency (EPA) Brownfields Assessment grant funds. The owner of the site would like to renovate or demolish the hotel and additional buildings located on the subject property. This report identifies the extent and locations of hazardous building materials containing asbestos and lead and provides recommendations related to proper removal and disposal of these materials prior to renovation or demolition of the hotel.

A total of one hundred and twenty-nine (129) suspected asbestos-containing building materials (ACBM) were identified during the inspection of the buildings on the subject property. Suspect materials were sampled in accordance with the Administrative Rules of Montana (ARM) regulation 17.74.354 and relevant sections of the EPA Asbestos Hazard Emergency Response Act (AHERA; EPA 1975b), 40 CFR 763. A total of twenty-nine (29) building materials were confirmed positive for asbestos above the regulatory limit of greater than one percent (>1%) by weight. The building materials confirmed positive for asbestos (> 1%) in the Glacier Hotel include:

- Tan Pipe Insulation – Regulated Asbestos-Containing Material (RACM) – Hotel Unfinished Basement
- Gold Pipe Insulation (RACM) – Hotel Unfinished Basement
- Off-White Pipe Insulation (RACM) – Hotel Unfinished Basement
- Window Glazing (Category II non-friable ACBM) – Hotel Exterior
- Yellow Mastic (Category I non-friable ACBM) – Hotel Kitchen Storage Area
- Green Vinyl Flooring (Category I) – Hotel Rooms
- Tan Ceiling Texture (RACM) – Hotel Rooms
- Blue Joint Caulk (Category II) – Hotel Exterior Windows
- Roof Flashing (Category I) – Hotel Roof
- Roofing (Category I) – Hotel Roof
- White Plaster Skim Coat (RACM) – Hotel Rooms and Halls
- Floral-Pattern Vinyl Sheet Flooring (Category I) – Hotel Laundry Room
- White Plaster Skim Coat (RACM) – Hotel Rooms
- Gray/Cream Vinyl Sheet Flooring (Category I) – Hotel Rooms
- White Marble Vinyl Sheet Flooring (Category I) – Hotel Rooms
- Tan/Gray Vinyl Sheet Flooring (Category I) – Hotel Rooms
- Roof Coat and Paint (Category I) – Lounge Roof



- Black Flashing (Category I) – Lounge Roof
- Straight Pipe Insulation (RACM) – Unfinished Basement
- White Spray-On Texture (RACM) – Lounge Dining Room Ceiling
- Yellow Vinyl Floor Tile (Category I) – Motel Flooring
- Tan Window Glazing (Category II) – Motel Building Windows
- Cream Wainscot Adhesive (Category I) – Various Motel Rooms
- Brown Wall Panel Adhesive (Category I) – Various Motel Rooms
- Tan Spray-On Surfacing (RACM) – Office
- Tan Mirror Adhesive (Category I) – Office
- White Surfacing (RACM) – Office
- Tan Surfacing (RACM) – Office
- Tan Adhesive (Category I) – Office Stairs

Building materials initially confirmed positive for asbestos with a mass of <1% by weight are required to undergo additional composite analyses to determine if the materials contain <1% asbestos. On this project the sheetrock composite samples (sheetrock and joint compound) on the walls in the motel and office were confirmed to contain <1% asbestos by additional Polarized Light Microscopy (PLM) Point Count 400 analysis; however, the joint compound itself was >1% asbestos. As such, sheetrock materials disturbed during the renovation should be abated as an ACBM. Additional details concerning abatement considerations for these materials are discussed in this report.

An additional three (3) building materials were identified as containing asbestos less than the regulatory limit of <1% by weight. A list of building materials on the property confirmed positive for asbestos but with concentrations below the regulatory threshold (1%) is provided below:

- White/Beige Sheetrock Joint Tape Compound (RACM)- Walls – Motel
- White/Beige Sheetrock Joint Tape Compound (RACM)- Ceiling – Motel
- White/Tan Sheetrock Joint Tape Compound (RACM)- Walls – Office

Because access was limited, and because NewFields wanted to avoid impacting the integrity of the existing roof systems, we did not sample the motel or office building roof. Based on results from the sampling performed on the principal hotel building, the hotel addition, and the lounge buildings it is suspected that asbestos-containing roofing materials were used in the motel and office buildings. Should the roofs be disturbed by planned renovations or demolition activities, the roof materials should be assumed to contain asbestos. Alternatively, additional sampling would be required to confirm or deny the presence of asbestos in roofing materials.

Additionally, ten motel rooms could not be entered due to broken locks and/or a lack of working keys. Although the majority of motel rooms contained the same building materials, the interior finishes in the



inaccessible rooms should be inspected to ensure all materials have been identified and sampled prior to renovation/demolition. Additional sampling can be completed during the asbestos abatement and demolition design portions of the project.

TCLP leachable lead results indicate that the waste streams generated during the post-abatement demolition of the buildings on the subject property can be managed as ordinary construction debris and disposed of at a Class II landfill, as TCLP results were <5.0 mg/L.





## 1.0 INTRODUCTION

Between June 15 and June 24, 2016, NewFields Companies LLC (NewFields) performed inspections to identify asbestos- and lead-containing building materials at the Glacier Hotel located at 15 1st Avenue Southwest in Cut Bank, Montana (**Figures 1 and 2**). The inspection was completed under contract to Sweetgrass Development Corporation (SDC) using United States Environmental Protection Agency (EPA) Brownfields Assessment grant funds. The owner of the site would like to renovate the hotel, though he is aware that demolition is another possible alternative. This report identifies the extent and locations of hazardous building materials and provides recommendations related to removal, containerization, handling, transport, and disposal of these materials prior to renovation/demolition. The inspection was performed to identify:

- friable and non-friable Asbestos-Containing Building Materials (ACBM);
- leachable lead in building materials using the Toxicity Characteristic Leaching Procedure (TCLP).

### 1.1 SITE SETTING

The Glacier Hotel (also referred to as the subject property in this report) is a multi-building complex located in a mixed commercial and residential district of Cut Bank, Montana (**Figures 1 and 2**). The subject property is currently owned by Mr. Donald Burlingame. The subject property is approximately 0.83 acres in size. The largest and northernmost building on the subject property is the hotel building, which contains the original hotel structure, an addition to the hotel, and a lounge. The hotel/lounge is approximately 19,800 square feet (sf). The original hotel building is a three-story brick structure. Later, the two-story (hotel addition) and single-story (lounge) structures were added. The second largest and southernmost building on the subject property is the motel building. The motel is a two-story building consisting of twenty rooms, and is approximately 6,200 sf. The hotel/lounge and motel are currently disconnected from municipal water supply and electrical service. The smallest building, located centrally on the property is the office building. The office is a two-story building, and is approximately 4,300 sf.

#### Original Hotel, Addition, and Lounge

The hotel/lounge is accessible from numerous street level entrances located on the west, east and south sides of the building. Additional second floor entrances leading to the hotel addition are accessed via a stairway on the southeast side of the building. The motel contains individual entrances to all of the ground level rooms. The rooms located on the second floor of the motel can only be accessed via an internal staircase located in the center of the building. The office building contains three ground floor entrances located on the west side of the building.

The Glacier Hotel buildings are primarily constructed of wood with brick and Concrete Masonry Unit (CMU) block siding and have rolled asphalt or tin roofs over existing flat built-up roofs. Typical interior finishes include vinyl sheet flooring (VSF), vinyl floor tile (VFT) and associated mastic, carpet, associated carpet adhesive, and wood; walls and ceilings consist of plaster, sheetrock, concrete and brick and mortar. Typical interior painted building components include door frames, plaster and sheetrock walls and ceilings, wooden stairways, and other miscellaneous materials. Painted exterior building



components include CMU Block, brick and mortar, wood window and door frames, and exterior metal hand rails and stair rails.

The original hotel (**Figure 2**) was constructed in 1927 on the west side of Cut Bank Creek to serve as the county courthouse. The original hotel was moved to its current location after the establishment of the Blackfeet Indian Reservation. Additions to the original building were completed in 1957 and 1965 (additional hotel rooms and a lounge, respectively). The hotel/lounge operated until the mid-1990s.

The hotel building, including the lounge suffered several types of damage following its closure as listed below:

- Fire damage is present in three areas of the hotel. One fire occurred in the hotel laundry room, and another on the third floor. Severe fire damage is present in both of these areas. Fire damage also appears to be present in the unfinished basement, though the fire's occurrence could not be confirmed by the Cut Bank municipal fire department. Fire damage has raised concerns regarding the structural integrity of the building in affected areas.
- Water damage present throughout the hotel appears to be the result of the operation of fire suppression systems and a leaking roof.
- Severe mold growth observed throughout the hotel is likely related to the observed water damage.
- Vandalism from trespassers/squatters is present throughout the hotel. The police department reported conducting regular walkthroughs of the building and cites the property as a common location for trespassing, alcohol consumption, and illegal drug use. It is possible that trespassers/squatters were the source of one or more of the fires. During the site walkthrough in June 2016, NewFields personnel observed conditions that suggest the presence of methamphetamine in many of the hotel rooms.

### Motel

The motel was constructed in the early 1970's and operated until the closure of the hotel. Later, the motel rooms were briefly leased out as individual apartments. In the winter of 2014, the ground floor of the motel flooded due to a water pipe failure. Mold damage is present in the motel, and there is evidence of methamphetamine use in some motel rooms

### Office Building

This structure was built at the same time as the motel in the early 1970s and served as the motel manager's office. Following the closure of the Hotel, the office building was operated as a hair salon. The office building is currently leased as a single apartment/work shop to a tenant who serves as a caretaker of the Glacier Hotel complex.



## Adjacent Properties

Commercial properties are located directly adjacent to the hotel to the north, south, and east. Mixed commercial and residential properties are located across the street to the west (**Figure 2**).

## **1.2 REGULATORY BACKGROUND**

### **1.2.1 Asbestos**

Asbestos is a trade name for a group of naturally-occurring minerals commonly used in many building materials that are known in industry as asbestos-containing building materials (ACBM). Asbestos consists of long, thin fibers which are durable, chemically resistant, have a high insulation capacity and tensile strength, and are fireproof. These qualities, combined with its relatively low cost, have resulted in the production of an estimated 3,600 different products containing asbestos. The material has been widely used in thermal system insulation for boilers, pipes, and other high temperature applications, as well as resilient floor coverings (vinyl floor tile and vinyl sheet flooring), cement products, roofing materials, and surfacing materials.

When left intact and undisturbed, ACBM does not pose a significant health risk to people working or living in buildings. However, if ACBM deteriorate or are disturbed by construction or demolition activities, asbestos fibers can be released into the air, and inhalation of these fibers is a significant health concern. Inhaled asbestos fibers can become entrapped in the lungs and cause many diseases, including asbestosis, lung cancer, and mesothelioma.

ACBM is defined in 40 CFR Part 763 (Asbestos Model Accreditation Plan) and Section 202 of the Toxic Substance Control Act as a material containing greater than 1% (>1%) asbestos which has been applied to ceilings, walls, structural members, piping, duct work, or any other part of a building. Building materials which contain >1% asbestos fall into one of the following three categories:

- **Category 1 Nonfriable ACBM**: includes packing and gasket materials, resilient floor coverings, and asphalt roof products which contain greater than one percent (>1%) asbestos.
- **Category II Nonfriable ACBM**: are non-friable materials other than Category I non-friable ACBM, such as cement asbestos board, cement asbestos pipe, and window glazing or window putty materials which contain greater than one percent (>1%) asbestos.
- **Regulated Asbestos Containing Material (RACM)**: RACM include 1) friable materials, 2) Category I non-friable ACBM that will or may be subjected to sanding, grinding, cutting, or abrading or 3) Category II non-friable ACBM that have a high probability of becoming or have become crumbled, pulverized, or reduced to powder by forces acting on or expected to act on the ACBM through the course of renovations and/or demolition activities.

Friable ACBM is defined as any building material containing >1% asbestos that may be crushed, crumbled, or reduced to powder by hand pressure when dry. The Occupational Safety and Health Administration (OSHA) (29 CFR Parts 1910 and 1926) defines ACBM as any material that contains >1% asbestos, or which is presumed to contain asbestos (OSHA 1994). The *presumed* designation applies to





thermal system insulation, sprayed-on or troweled-on surfacing material and thermal and surfacing material debris. The term *presumed* was added to allow efficient compliance with the hazard communication provisions of OSHA, particularly for buildings constructed prior to 1980.

Current guidelines from EPA, the Montana Department of Environmental Quality – Asbestos Control Program (MDEQ-ACP), and OSHA indicate that wood, glass, and metal are not considered suspect for asbestos content; all other building materials are considered to contain asbestos until laboratory results prove otherwise.

### **1.2.2 Lead in Building Materials**

Lead-based paint (LBP) was used in most buildings constructed prior to World War II and up until 1978. Regulations enforced by the Consumer Product Safety Commission (CPSC) banned the use of all but small amounts of lead in paints starting in 1978. However, manufacturers are still allowed to produce paints containing up to 600 parts per million lead. LBP is a concern as a source of exposure to lead through ingestion of paint chips or lead in soil, through inhalation of lead in interior dust, or via dust produced during renovation or demolition activities.

The EPA and the U.S. Department of Housing and Urban Development (HUD, 1995) define LBP as paint containing greater than 0.5% lead by weight (i.e., 5,000 milligrams of lead per kilogram of paint chips) or 1.0 milligrams per square centimeter of surface area. Disposal of lead-containing wastes, such as surfaces with LBP, is regulated under the Resource Conservation and Recovery Act (RCRA). RCRA requires demolition debris or material that may be demolished and disposed of to be tested using the Toxicity Characteristic Leaching Procedure (TCLP) to determine whether the material could leach high concentrations of hazardous chemicals. If leachable lead is present above the TCLP threshold of 5.0 milligrams per liter (mg/L), the material must be managed as a hazardous waste.



## 2.0 INSPECTION PROCEDURES

### 2.1 ASBESTOS

The asbestos inspection of the Glacier Hotel was performed between June 15 and June 24, 2016 by Ryan McGee, Heather Grotbo, and Joe Schmechel of NewFields. Each of these individuals are Montana-accredited asbestos inspectors (see inspector certificates in **Appendix A**). The inspection was performed in accordance with the Administrative Rules of Montana (ARM) §17.74.354 and AHERA (40 CFR §763.85, .86, and .87). The asbestos survey met current criteria for renovation and/or demolition under EPA regulation 40 CFR 61, the Asbestos National Emissions Standards for Hazardous Air Pollutants (NESHAP; EPA 1975a). Field notes recorded during the inspection are included in **Appendix B**. Components of the inspection included:

- Identification of homogeneous suspected ACBMs.
- Determination of the required number of samples from each homogenous area, and identification of random sampling locations that would provide the least post-sampling visual impact.
- Collection and laboratory analysis of building material samples to confirm whether or not they contain asbestos.

Prior to sampling, the inspectors completed an initial walkthrough of the onsite buildings and identified 129 building materials suspected to contain asbestos. In accordance with specifications in the Sampling and Analysis Plan (SAP; NewFields, 2016), and consistent with EPA and MDEQ-ACP sampling guidelines, building material samples were categorized, coded, and sampled at the frequencies described below:

- **Surfacing Materials** (sample code S): A minimum of 3 samples for surfacing materials less than 1,000 square feet (sf), a minimum of 5 samples for surfacing materials between 1,000-5,000 sf, and a minimum of 7 samples for surfacing materials greater than 5,000 sf;
- **Thermal System Insulation** (sample code T): A minimum of 3 samples from each homogeneous area of thermal system insulation (TSI);
- **Miscellaneous Material** (sample codes M [misc.], F [flooring], or R [roofing]): A minimum of 3 samples from each homogeneous area of miscellaneous material, such as ceiling tile, floor tile, vinyl sheet flooring, cement asbestos board, and roofing materials; and,
- **Patching Materials** (sample code P): A minimum of one sample of patch material where the patch materials are less than 6 square feet in size. Additional samples are required for larger areas.

Sample codes presented herein are utilized by the inspector to differentiate between surfacing materials (S); thermal system insulation (T) and miscellaneous materials (M). The miscellaneous designation is further broken down to differentiate between flooring materials (F) and roofing materials (R). Patching materials (P) is a designation for building materials that may have been utilized to patch a wall or a boiler system that should be analyzed separately from other materials.



In total, 393 bulk material samples were collected of the 129 suspect building materials. Building material sampling locations are depicted by building and floor in **Figures 3** through **8**. In the figures, the buildings and sampling areas are given the following designations: Original Hotel (Building A; **Figures 3a** through **3d**); Roof areas (Buildings A, B, and C; **Figure 4**); Original Hotel Addition (Building B; **Figures 5a** and **5b**); the Lounge (Building C; **Figure 6**); and the Motel (Building D; **Figure 7**); and the Motel Office (Building E; **Figure 8**). Bulk material samples were shipped under chain-of-custody to CEI Labs, Inc. (CEI) of Cary, North Carolina for asbestos analysis by polarized light microscopy (PLM). The laboratory analyzed the samples using the following positive-stop approach: if one sample within a group of homogeneous samples tested positive for asbestos, the remaining samples within that group were not analyzed, and were assumed to be positive for asbestos. Laboratory results are provided in **Appendix C**.

## 2.2 LEAD IN BUILDING MATERIALS

Since plans for the subject property include the possibility of demolition of the onsite buildings, NewFields used the Toxicity Characteristic Leaching Procedure (TCLP) inspection/sampling method to assess the lead content of debris that would comprise the waste stream generated during demolition. Prior to sampling different building materials, NewFields staff inspected the building to inventory interior and exterior painted surfaces. Paint combinations, equivalents, and combinations within rooms and on the exterior of the building were identified and a bulk sample representative of the waste to be generated was collected and analyzed to characterize the leachability of lead and determine appropriate disposal of the waste.

A total of four TCLP samples were collected. Two TCLP samples were originally planned for the original hotel building; one representing the hotel/lounge building, and another representing the motel and office buildings. Upon inspection of the buildings, three samples of the original hotel and lounge building and one of the motel building was collected. During the walkthrough NewFields personnel identified the north brick wall of the hotel/lounge as suspect lead-based paint. As a result, NewFields personnel collected three TCLP samples to replicate three different demolition/disposal scenarios: one sample contained all building materials from the hotel/lounge, one sample contained all building materials from the hotel/lounge minus the suspect paint on the brick wall, and one sample which solely contained the suspect lead-based paint on the brick wall. The building material composite samples were extracted at CEI Labs, Inc. using the TCLP method (EPA Method 1311). The extracts were then analyzed for total lead by EPA Method 7000B.





## 3.0 FINDINGS

### 3.1 ASBESTOS

Consistent with MDEQ and EPA guidance concerning completion of asbestos surveys, the initial survey of the building identified several building materials presumed to not contain asbestos, including metal piping, metal ductwork, metal trim, wood doors, wood trim, wood stairs, windows, mirrors, and fluorescent light fixtures.

One hundred and twenty-nine (129) materials were determined to be suspect for containing asbestos and were sampled. Of these materials, laboratory results confirmed that twenty-nine (29) of the materials contained asbestos above the regulatory threshold of 1%, and three (3) materials contained asbestos below the 1% regulatory threshold (**Tables 3-1** through **3-4**; also depicted in **Figures 3** through **8**). Laboratory reports are presented in **Appendix C**, and a brief photograph log is provided in **Appendix D**.

Because access was limited, and because NewFields wanted to avoid impacting the integrity of the existing roof systems, we did not sample the roof of the motel or office buildings (Buildings D and E). The roofs should be sampled for asbestos in the event of any renovation or demolition activities that could impact the materials.

Sheetrock and associated joint compound were collected as composite samples because the two materials cannot be easily separated during the renovation/demolition process. Although the composite samples shown in **Tables 3-3** and **3-4** contained < 1% asbestos, the joint compound sample contained >1 % asbestos. Therefore, the sheetrock-joint compound materials are considered to be ACBMs with respect to potential waste streams.

**Table 3-1. Materials Containing Asbestos**  
**Hotel**

Sample ID	Material Description	Asbestos Type	Asbestos Content	Regulatory Category
T2.1	Gold Pipe Insulation	Chrysotile	10%	RACM
T2.2	White Pipe Insulation	Chrysotile	65%	RACM
T2.3	Tan Pipe Insulation	Chrysotile	65%	RACM
M7.1	Window Glazing	Chrysotile	2%	Category II
F2.1	Yellow Mastic	Chrysotile	2%	Category I
F1.9	White/Green VSF	Chrysotile	25%	Category I
S4.1	Ceiling Texture	Chrysotile	5%	RACM
M23.1	Joint Caulk	Chrysotile	2%	Category II
R1.1	Built-Up Roofing	Chrysotile	2%	Category I
R2.1	Roof Flashing	Chrysotile	10%	Category I
S5.1	White Plaster Skim Coat	Chrysotile	2%	RACM
F9.1	Moroccan Print VSF	Chrysotile	25%	Category I
S5.2	White Plaster Skim Coat	Chrysotile	5%	RACM



**Table 3-1. Materials Containing Asbestos**  
**Hotel**

Sample ID	Material Description	Asbestos Type	Asbestos Content	Regulatory Category
F1.5	Gray/Cream VSF	Chrysotile	25%	Category I
F1.3	White Marble VSF	Chrysotile	25%	Category I
F1.6	Gray/Tan VSF	Chrysotile	25%	Category I

**Table 3-2. Materials Containing Asbestos**  
**Lounge**

Sample ID	Material Description	Asbestos Type	Asbestos Content	Regulatory Category
R3.1	Silver Paint	Chrysotile	3%	Category I
	Black Roof Coat	Chrysotile	10%	Category I
R2.1	Black Flashing	Chrysotile	5%	Category I
S4.1	Spray-On Texture	Chrysotile	3%	RACM

**Table 3-3. Materials Containing Asbestos**  
**Motel**

Sample ID	Material Description	Asbestos Type	Asbestos Content	Regulatory Category
F3.1	Yellow VFT	Chrysotile	2%	Category I
R2.1	Window Glazing	Chrysotile	2%	Category II
M21.1	Wainscot Adhesive	Chrysotile	3%	Category II
M21.3	Panel Adhesive	Chrysotile	2%	Category II
M1.1	Sheetrock JCT	Chrysotile	<1%	RACM
M1.2	Sheetrock JCT	Chrysotile	<1%	RACM



**Table 3-4. Materials Containing Asbestos**  
**Office**

Sample ID	Material Description	Asbestos Type	Asbestos Content	Regulatory Category
S4.3	Spray-On Surfacing	Chrysotile	2%	RACM
M15.1	Mirror Adhesive	Chrysotile	2%	Category II
S4.2	White/Tan Surfacing	Chrysotile	2%	RACM
S4.1	Tan Surfacing	Chrysotile	2%	RACM
M15.2	Tan Adhesive	Chrysotile	2%	Category II
M1.1	Sheetrock JCT	Chrysotile	<1%	RACM

**Description of Regulatory Categories:**

Sample ID codes are utilized to differentiate between different types of building materials included in the inspection.

Category I = Non-friable ACBM consisting of packing, gaskets, resilient floor covering, and asphalt roofing products.

Category II = Non-friable ACBM, excluding Category I materials.

JCT – Joint Compound Tape; RACM = Regulated Asbestos-Containing Materials include: Friable ACBM; Category I material that has become friable; Category I material subject to sanding, grinding, cutting, or abrading; or Category II material that has a high probability of becoming friable.

### 3.2 LEAD IN BUILDING MATERIALS

The goal of the TCLP analysis was to determine whether the waste stream generated following possible future demolition activities would contain concentrations of leachable lead above the hazardous waste threshold limit of 5.0 mg/L. None of the four samples exceeded the hazardous waste threshold limit of 5.0 mg/L; concentrations ranged from <0.05 mg/L to 3.5 mg/L (suspect lead-based paint on brick wall in original hotel building). The laboratory report is provided in **Appendix C**.





## 4.0 RECOMMENDATIONS

### 4.1 ASBESTOS

Regulated asbestos-containing material (RACM) and Category I and II non-friable ACBM (**Tables 3-1 through 3-4** and **Figures 3 through 8**) should be abated in accordance with MDEQ and EPA regulations prior to any planned onsite renovation or demolition activities. There are two primary means to abate the asbestos associated with buildings on the subject property if the buildings are to be demolished: 1) abating the asbestos prior to demolition, or 2) demolishing the buildings in their entirety and treat all materials, asbestos and non-asbestos, as ACBM. The latter option is generally less cost-effective, but may be necessary if the buildings are deemed unsafe for abatement work.

During abatement activities, the asbestos in these materials should not be rendered friable. Asbestos abatement should be designed and implemented by qualified personnel. For purposes of this renovation, qualified personnel will be required to complete and submit an application for an asbestos abatement permit to the MDEQ-ACP. Final clearance air sampling is required in abatement areas after abatement and prior to renovation. Final clearance air sampling may also be required after abatement and prior to demolition activities, if demolition does not commence within 24 hours of abatement.

The roof of the motel or office building (Buildings D and E) should be sampled for asbestos in the event of any renovation or demolition activities that could impact the materials. These suspect materials were not sampled due to access/safety considerations.

### 4.2 LEAD IN BUILDING MATERIALS

The leachable lead results indicate that the waste streams generated during the post-abatement demolition of the buildings on the subject property can be managed as ordinary construction debris and disposed of at a Class II landfill.



## 5.0 ABATEMENT COST ESTIMATE

Due to the possibility of numerous abatement/demolition scenarios, estimating abatement and demolition costs for this project included a high degree of uncertainty. The scenario evaluated in detail in this document is a full abatement of all ACBM as part of a demolition of all buildings located on the subject property. A detailed cost estimate for this project is provided in **Appendix E** and described below:

- Full abatement Prior to Demolition – The cost to fully abate all ACBM in the hotel (original and add on) and lounge, motel and motel office prior to demolition is estimated at \$233,000. Abatement prior to demolition may be impractical due to the questionable structural integrity of the upper floors and roof of the hotel building. Prior to any abatement of the building, and inspection of the structural integrity of the building should be completed by a structural engineer or fire marshal to confirm it can be safely entered to perform asbestos abatement work. The estimated price includes transport of asbestos waste to a landfill in Conrad, Montana (the closest landfill that can accept the wastes) and the landfill rate for ACBM waste.
- Demolition - The cost to demolish all buildings located on the target property after they have been fully abated of all ACBM is estimated to be \$205,000. The estimated price includes transport to a landfill in Conrad, Montana and the general landfill rate for demolition debris.

If areas of the Glacier Hotel are found to be structurally unsound for abatement procedures, it may be possible to apply for a variance of protocol and demolish the building with ACBM in place. If the demolition is performed under these circumstances, all demolition debris will be treated as ACBM, and require disposal as ACBM. If the building is found to be structurally unsound, NewFields can, if requested, revise the abatement cost estimate.

During the preparation of the abatement cost estimate, key assumptions were made as listed below:

- Asbestos - The abatement cost estimate assumes all ACBM and sheetrock/plaster containing <1% asbestos in the motel and office will be removed by asbestos-trained professionals prior to renovation.
- Motel – Motel rooms that were inaccessible to NewFields personnel at the time of the site visit were not included in the cost estimate, though they likely contain additional ACBM. Due to the uniform construction of the motel rooms, it is suspected that building materials in the inaccessible rooms are similar to those found throughout the building, and costs presented make this assumption.
- Motel and Office – Because access was limited, and because NewFields wanted to avoid impacting the integrity of the existing roof systems, we did not sample the motel or office building roofs. It is highly probable these roofs contain ACBM, and they are assumed to be positive in the attached cost estimates.

The cost estimate should be considered preliminary, and may not include all costs to remove and dispose of hazardous building materials. The estimate does not include costs to develop an abatement plan, prepare contractor bid specifications, or engineering project oversight. Should EPA Brownfields funds be used for building materials abatement, engineering oversight would be required by a Qualified Environmental Professional, as defined by EPA.



## 6.0 LIMITATIONS

NewFields completed this Phase II ESA in a professional manner in accordance with generally accepted practices using the degree of skill and care ordinarily exercised by environmental consultants under similar circumstances. No warranties, expressed or implied, are made.

No site investigation can wholly eliminate uncertainty regarding the potential for the presence of hazardous building materials in connection with a property. The investigation was completed to reduce, but not eliminate, this uncertainty. Due to physical limitations inherent to this or any environmental assessment, NewFields does not warrant the site is free of such materials or that all such materials have been identified at the site. Some features may have been hidden from plain view during site surveys due to pavement, locked doors or other obstructions. Some hazardous building materials may be present behind finished walls, ceilings, or floors that were not surveyed or sampled. As such, no absolute determination concerning the presence of hazardous building materials and/or the human health risks they pose is made concerning the subject property. NewFields also makes no representation or warranty that the past or current operations at the site are or have been in compliance with applicable federal, state, and local laws, regulations, and/or codes.

This report has been prepared by NewFields for Sweetgrass Development Corporation which may rely on the findings of the report. The site owner may also rely on the findings of the report; however, in using the information in the report, the site owner shall have no legal recourse against NewFields, its parent, or its subsidiaries, as NewFields did not have a contract with the site owner to complete the site investigation. No other party shall rely on this report without the written consent of NewFields.



## 7.0 REFERENCES

**NewFields, 2016.** Sampling and Analysis Plan for Building Materials Inspection, April. Prepared for Sweetgrass Development.

**Occupational Safety and Health Administration (OSHA), 1993.** Lead Exposure in Construction; Interim Final Rule, 29 CFR Part 1926.62.

**OSHA, 1994.** Construction Industry Standard, 29 CFR 1926.1101.

**U.S. Department of Housing and Urban Development (HUD), 1995.** Guidelines for the Evaluation and Control of Lead-Based Paint in Housing, June 1995.

**U.S. Environmental Protection Agency (EPA), 1975a.** National Emission Standard for Hazardous Air Pollutants, 40 CFR 61 Subpart M.

**U.S. EPA, 1975b.** Asbestos Hazard Emergency Response Act (AHERA), 40 CFR 763.

**U.S. EPA, 2015.** PCB-Containing Fluorescent Light Ballasts (FLBs) in School Buildings. Available online at <http://www3.epa.gov/epawaste/hazard/tsd/pcbs/pubs/ballasts.htm>. Accessed December 2015.

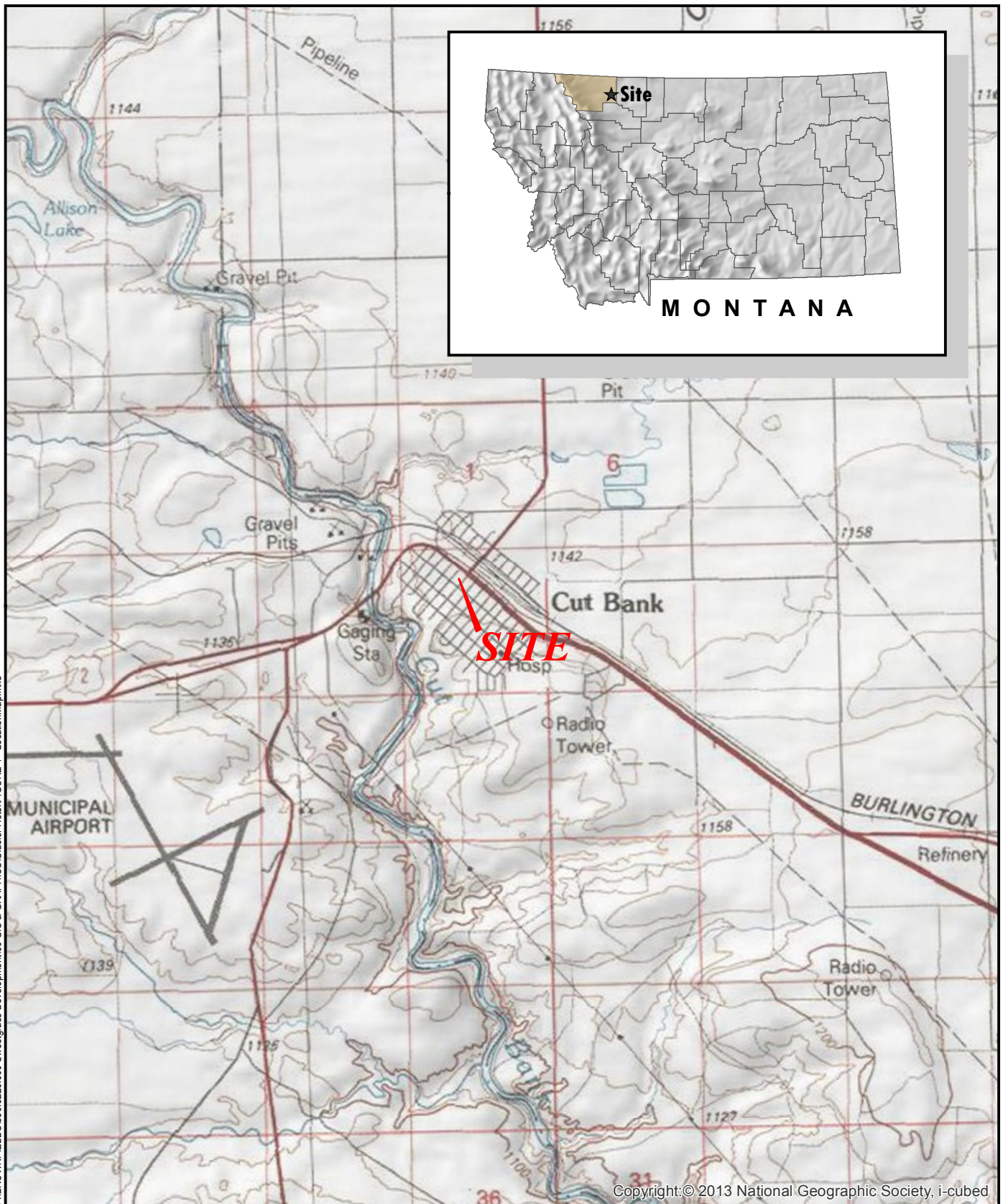


# FIGURES

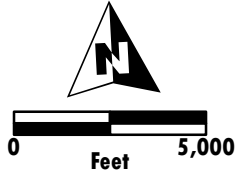




P:\BROWN\FIELDS\350.0229.000 Sweetgrass Development\03 GIS & GRAPHICS\Glacier Hotel\FIGURE 1 - LocationMap.mxd



Source: USGS 100K Montana Quadrangle



NewFields

Site Location Map  
Glacier Hotel  
15 1st Ave SW  
Cut Bank, Montana  
FIGURE 1





P:\BROWN\FIELDS\350.0229.000 Sweetgrass Development\03 GIS & GRAPHICS\Glacier Hotel\FIGURE 2 - Site Map.mxd



0 Feet 100

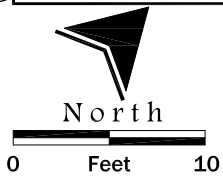
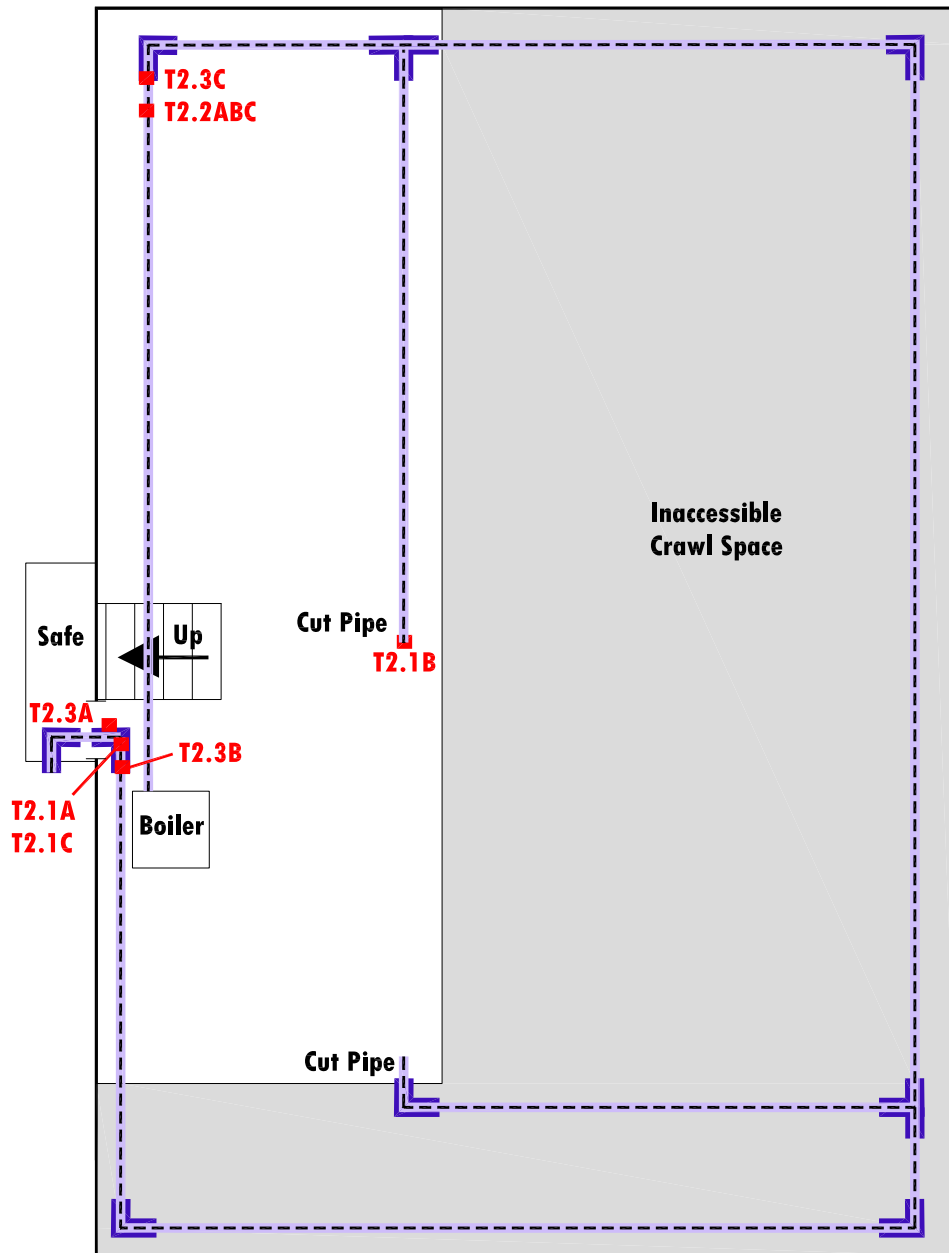
**NewFields**



Approximate Subject Property Boundary

Site Map  
Glacier Hotel  
15 1st Ave SW  
Cut Bank, Montana  
FIGURE 2

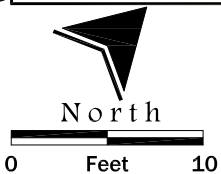
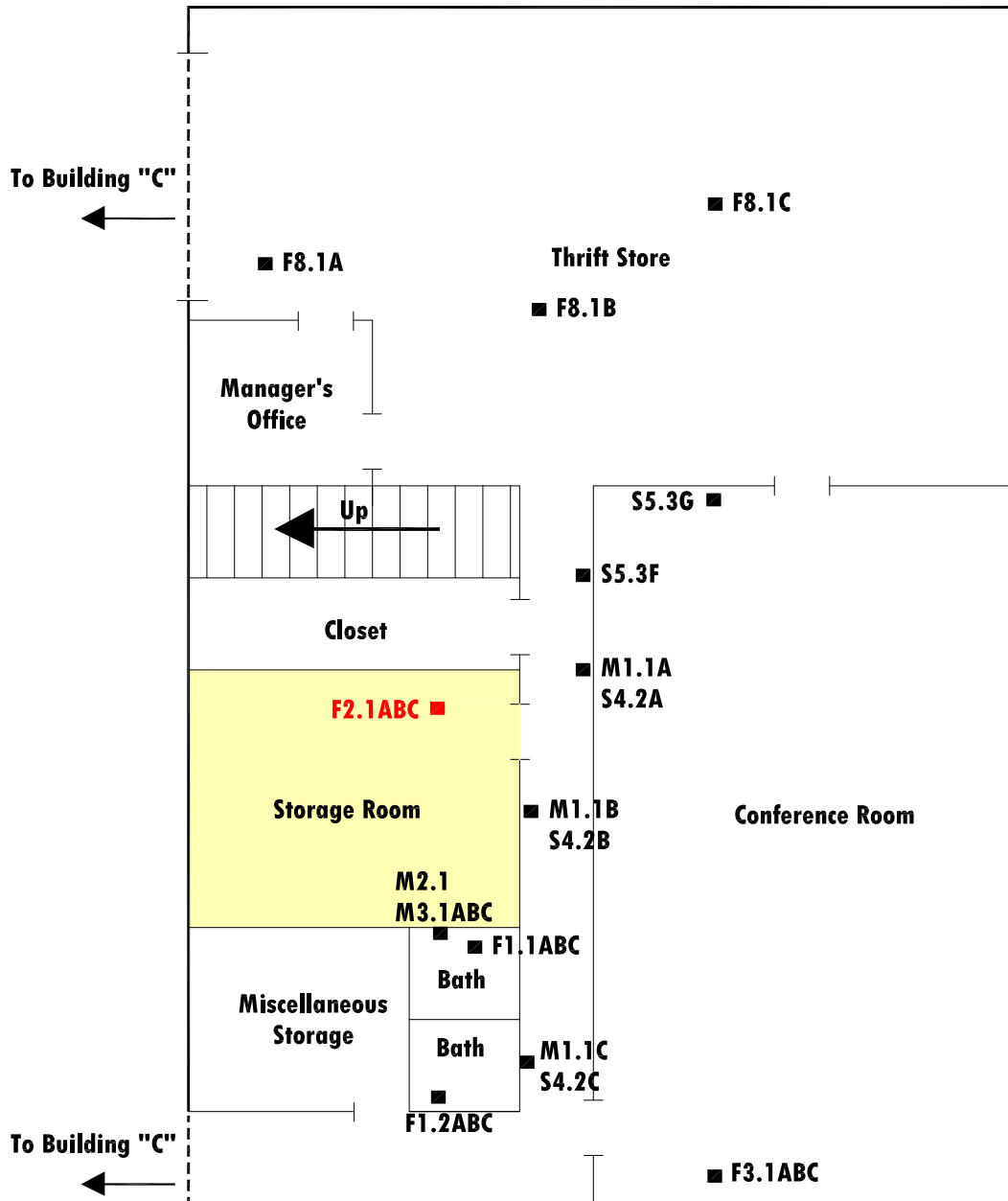
\\NFHELENA\shares\Projects\350.0229 Sweetgrass Development\05\_GIS\05.07\_CAD\Glacier\_Hotel\Asbestos\_Sampling\Glacier\_Hotel\_Asbestos.dwg



- Asbestos Containing Material (Positive)
- └┐ Mudded Fittings
- Piping
- T - Thermal System Insulation
- Straight Pipe Insulation

Original Hotel (Building A) - Basement  
Asbestos Sample Locations  
Glacier Hotel  
Cut Bank, Montana  
Figure 3a

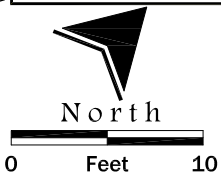
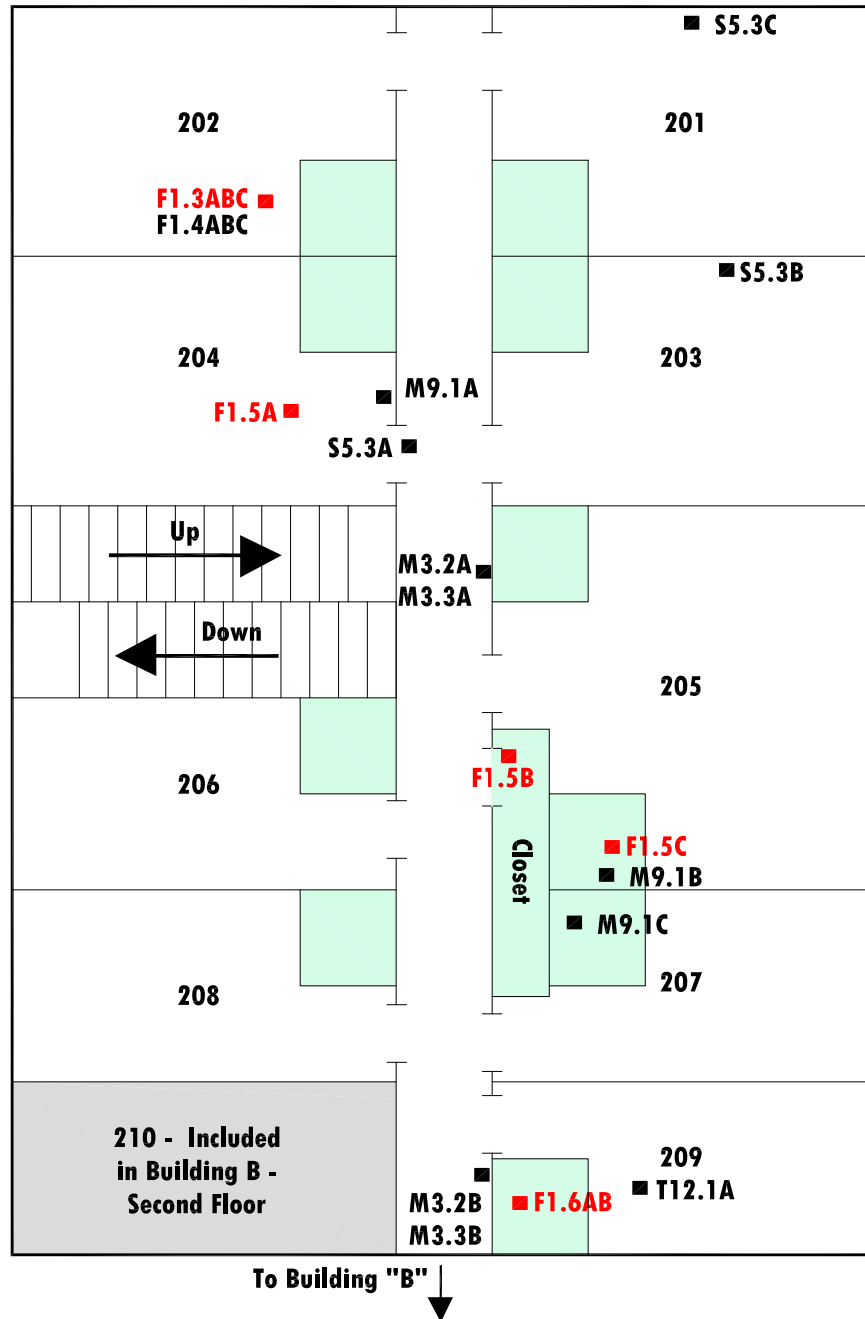
\\NFHELENA\shares\Projects\350.0229 Sweetgrass Development\05\_GIS\05.07\_CAD\Glacier\_Hotel\Asbestos\_Sampling\Glacier\_Hotel\_Asbestos.dwg



- Non-Asbestos Containing Material
- Asbestos Containing Material (Positive)
- Yellow Mastic
- M - Miscellaneous
- F - Flooring
- S - Surfacing Material

Original Hotel (Building A) - Main Floor  
Asbestos Sample Locations  
Glacier Hotel  
Cut Bank, Montana  
Figure 3b

\\NFHELENA\shares\Projects\350.0229 Sweetgrass Development\05\_GIS\05.07\_CAD\Glacier\_Hotel\Asbestos\_Sampling\Glacier\_Hotel\_Asbestos.dwg



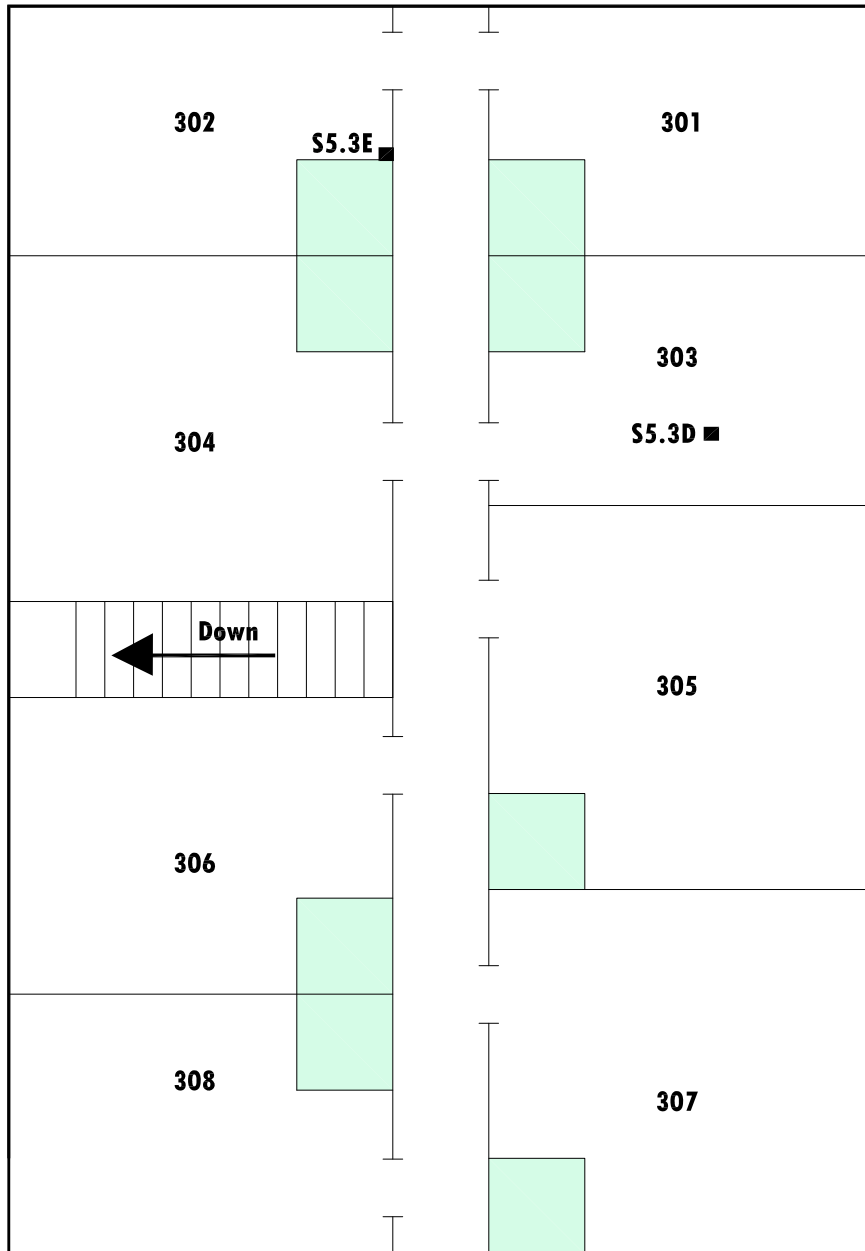
NewFields

- Non-Asbestos Containing Material
- Asbestos Containing Material (Positive)
- M - Miscellaneous
- F - Flooring
- S - Surfacing Material
- T - Thermal System Insulation

■ Bathroom VSF

Original Hotel (Building A) - Second Floor  
Asbestos Sample Locations  
Glacier Hotel  
Cut Bank, Montana  
Figure 3c

\\NFHELENA\shares\Projects\350.0229 Sweetgrass Development\05\_GIS\05.07\_CAD\Glacier\_Hotel\Asbestos\_Sampling\Glacier\_Hotel\_Asbestos.dwg



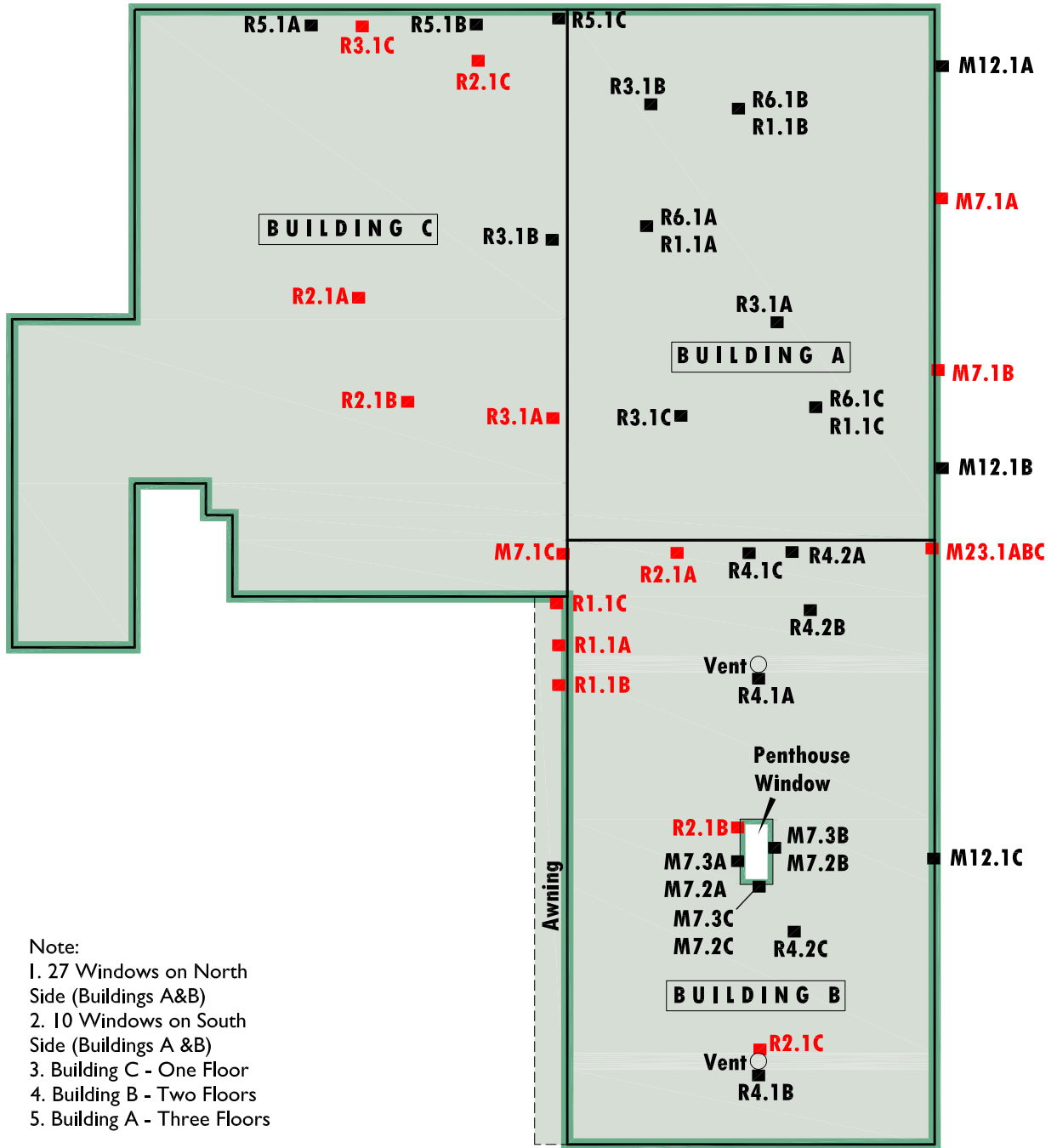
North

0 Feet 10

■ Non-Asbestos  
Containing Material  
S - Surfacing Material

■ Bathroom VSF

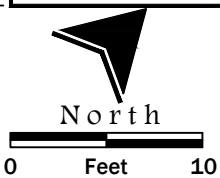
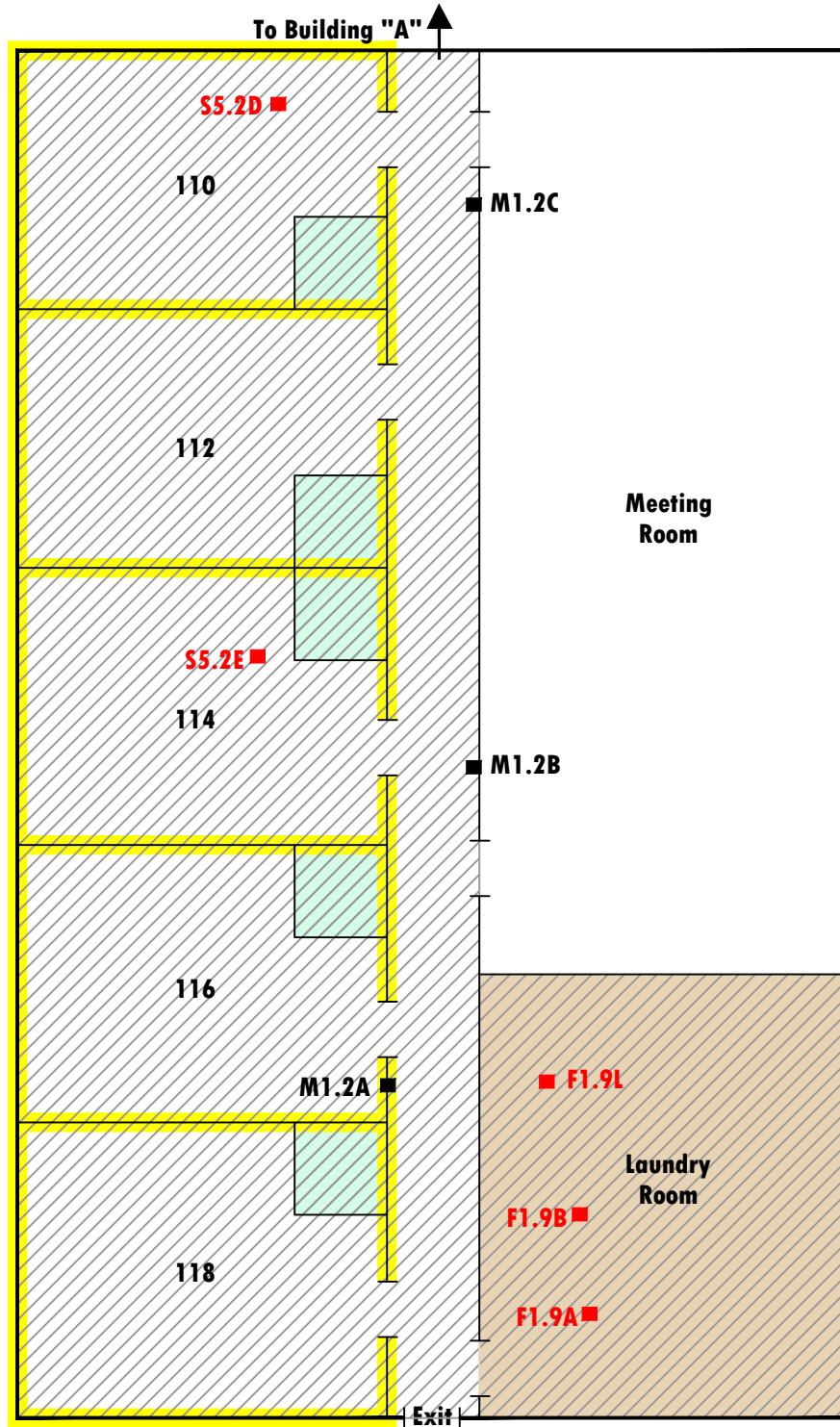
Original Hotel (Building A) - Third Floor  
Asbestos Sample Locations  
Glacier Hotel  
Cut Bank, Montana  
Figure 3d



Buildings A/B/C Roof  
Asbestos Sample Locations  
Glacier Hotel  
Cut Bank, Montana  
Figure 4



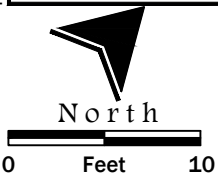
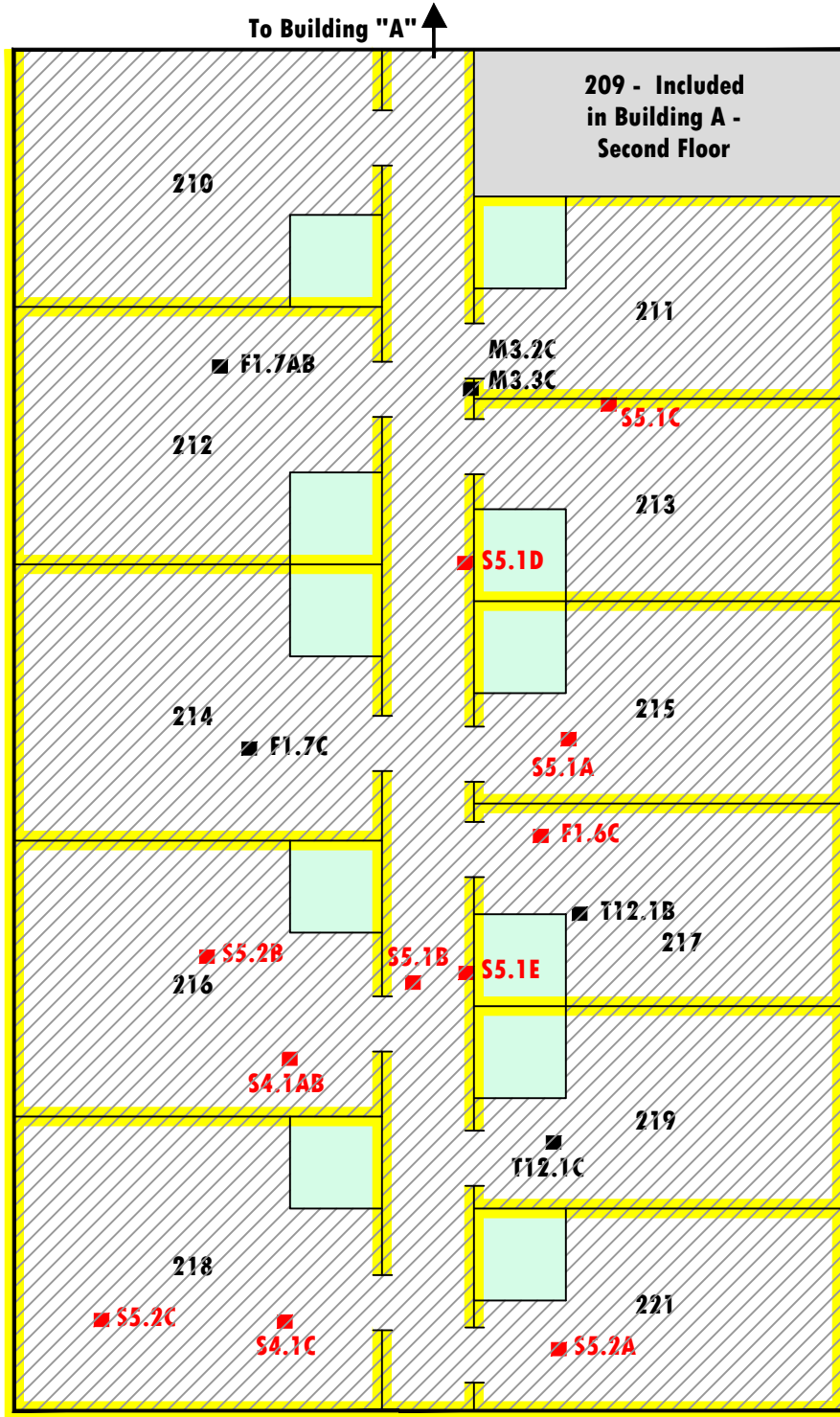
P:\BROWNFIELD\350.0229.000 Sweetgrass Development\03 GIS & GRAPHICS\Glacier Hotel\05.07\_CAD\Glacier\_Hotel\Asbestos\_Sampling\Glacier\_Hotel\_Asbestos.dwg



- Non-Asbestos Containing Material
- Asbestos Containing Material (Positive)
- M - Miscellaneous
- F - Flooring
- S - Surfacing Material

- Bathroom VSF
- Laundry Room VSF
- Plaster Ceiling
- Plaster Walls




Original Hotel Addition (Building B)  
Main Floor  
Asbestos Sample Locations  
Glacier Hotel  
Cut Bank, Montana  
Figure 5a



- Non-Asbestos Containing Material
- Asbestos Containing Material (Positive)
- M - Miscellaneous
- F - Flooring
- S - Surfacing Material
- T - Thermal System Insulation
- Bathroom VSF
- Plaster Ceiling
- Plaster Walls

Original Hotel Addition (Building B)  
Second Floor  
Asbestos Sample Locations  
Glacier Hotel  
Cut Bank, Montana  
Figure 5b

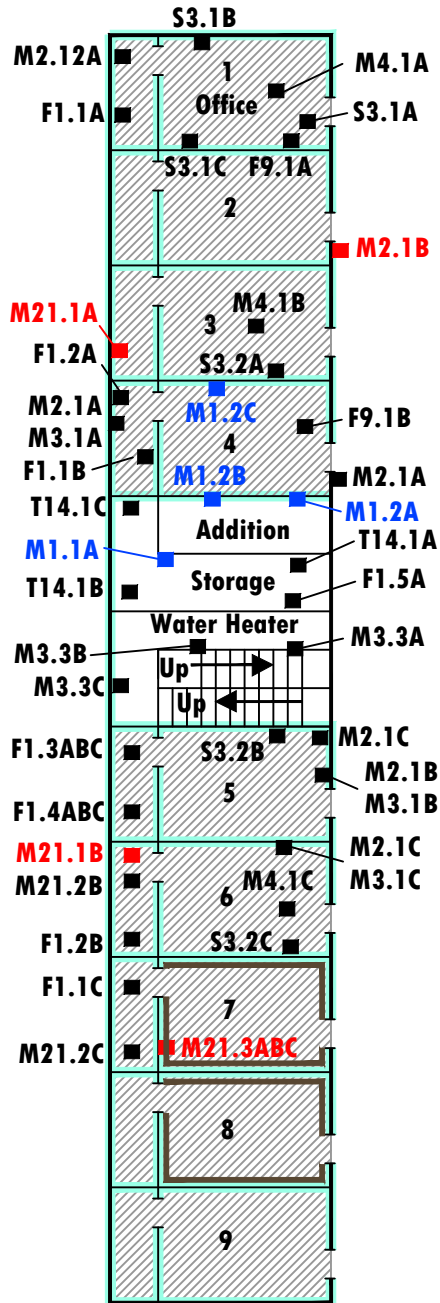


-  Non-Asbestos Containing Material
  Popcorn Ceiling Texture
-  Asbestos Containing Material (Positive)
- M - Miscellaneous  
 F - Flooring  
 S - Surfacing Material  
 T - Thermal System Insulation

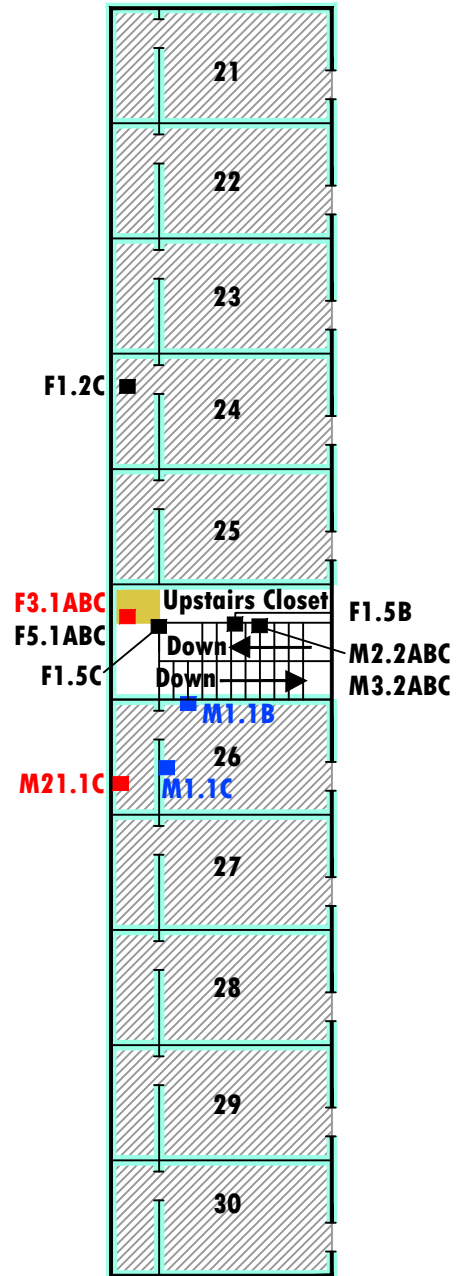
**Lounge (Building C)  
Asbestos Sample Locations  
Glacier Hotel  
Cut Bank, Montana  
Figure 6**

P:\BROWNFIELD\350.0229.000 Sweetgrass Development\03 GIS & GRAPHICS\Glacier Hotel\05.07\_CAD\Glacier\_Hotel\Asbestos\_Sampling\Glacier\_Hotel\_Asbestos.dwg

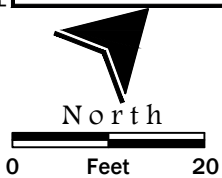
### FIRST FLOOR



### SECOND FLOOR



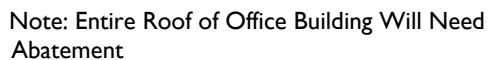
Note: Entire Roof of Office Building Will Need Abatement



NewFields

- Non-Asbestos Containing Material
- Asbestos Containing Material (Positive)
- Asbestos Containing Material (<1% Asbestos)
- Yellow VFT
- Sheet rock - JCT Ceiling
- Wood Panel Adhesive
- Sheetrock - JCT Walls
- M - Miscellaneous
- S - Surfacing Material
- F - Flooring
- T - Thermal System Insulation

Motel (Building D)  
Asbestos Sample Locations  
Glacier Hotel  
Cut Bank, Montana  
Figure 7



**Motel Office (Building E)  
Asbestos Sample Locations  
Glacier Hotel  
Cut Bank, Montana  
Figure 8**



The background of the page features a photograph of a three-story brick building. The building has several windows, some with white frames. A fire escape is attached to the side of the building, with a yellow box labeled '2' at the top. A semi-transparent map of a region with blue lines representing rivers and black lines representing county boundaries is overlaid on the right side of the image. The text 'APPENDIX A' is centered horizontally across the upper portion of the image, in a bold, black, serif font.

# APPENDIX A

## INSPECTOR CERTIFICATION





# Certificate of Satisfactory Completion

**Ryan McGee**

Address: PO Box 7886, Helena, MT 59604

has successfully completed course training and accreditation requirements for  
the **Montana 4-Hour Asbestos Inspector Refresher Course**  
in accordance with Administrative Rules of Montana Title 17, Chapter 74, Subchapter 3.  
Certificate Number: **ACM 041015-003**

Training Provider: Abatement Contractors of Montana, LLC  
208 Commerce St  
Missoula, MT 59808  
(406) 549-8489

Approving Agency: Asbestos Control Program  
Department of Environmental Quality  
P.O. Box 200901  
Helena, MT 59620-0901  
and U.S. EPA

Course Date: **4/10/2015**

Expiration Date: **4/10/2016**

A handwritten signature in cursive script, appearing to read "Evan Batte", is written over a horizontal line.

**Instructor**



# CERTIFICATE OF TRAINING

*Northern Industrial Hygiene, Inc.  
certifies that*

**Heather Grotbo**

**1120 Cedar Street  
Missoula, MT 59801**

*has received*

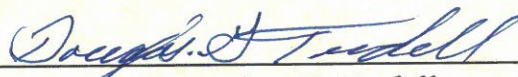
**Inspector Refresher Training**

**For the purpose of accreditation as required under Section 17.74.315 of the Administrative Rules of Montana  
and Section 206 of Title II of the Toxic Substance Control Act (TSCA)**

*Date: September 17, 2015    Expiration Date: September 18, 2016*

*Location: Missoula, Montana*

**Certification #IR15I17-07**

  
Douglas G. Tisdell

September 17, 2015

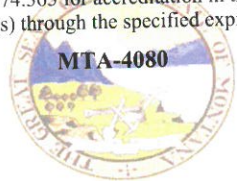
Date

Northern Industrial Hygiene, Inc.    1325 Euclid Avenue, Suite #1    Helena, Montana 59601    (406) 443-3369

**HEATHER C GROTBO**

has met the requirements of Montana Administrative Rule  
17.74.362 and/or 17.74.363 for accreditation in the following  
asbestos occupation(s) through the specified expiration date(s).

**MTA-4080**



Asbestos Inspector

09/17/2016

*Keri Blanton*

MT DEQ Asbestos Control Program



# *Certificate of Achievement*

*This certificate is presented to*

## **JOSEPH SCHMECHEL**

**515 HILLSDALE STREET, HELENA MT 59601**

who has attended and successfully completed the E.P.A. approved and accredited Asbestos Hazard  
Emergency Response Act [AHERA] mandatory

### ***24-Hour Initial Asbestos Inspector Course.***

*Training was conducted in accordance with 40 CFR Part 763 (AHERA), Title II of the Toxic Substance Control Act (TSCA).*

*Douglas O. Ingraham*

Douglas O. Ingraham, Training Instructor

APRIL 11-13, 2016

Course Date(s)

APRIL 13, 2017

Expiration Date



*Training Provided By:*  
**Ingraham Environmental Inc.**  
PO Box 545, Butte, MT 59703  
877-723-7885 or 406-723-7885  
Fax 406-723-7885 or email [class@ieimt.com](mailto:class@ieimt.com)

INI-1033

Certificate Number



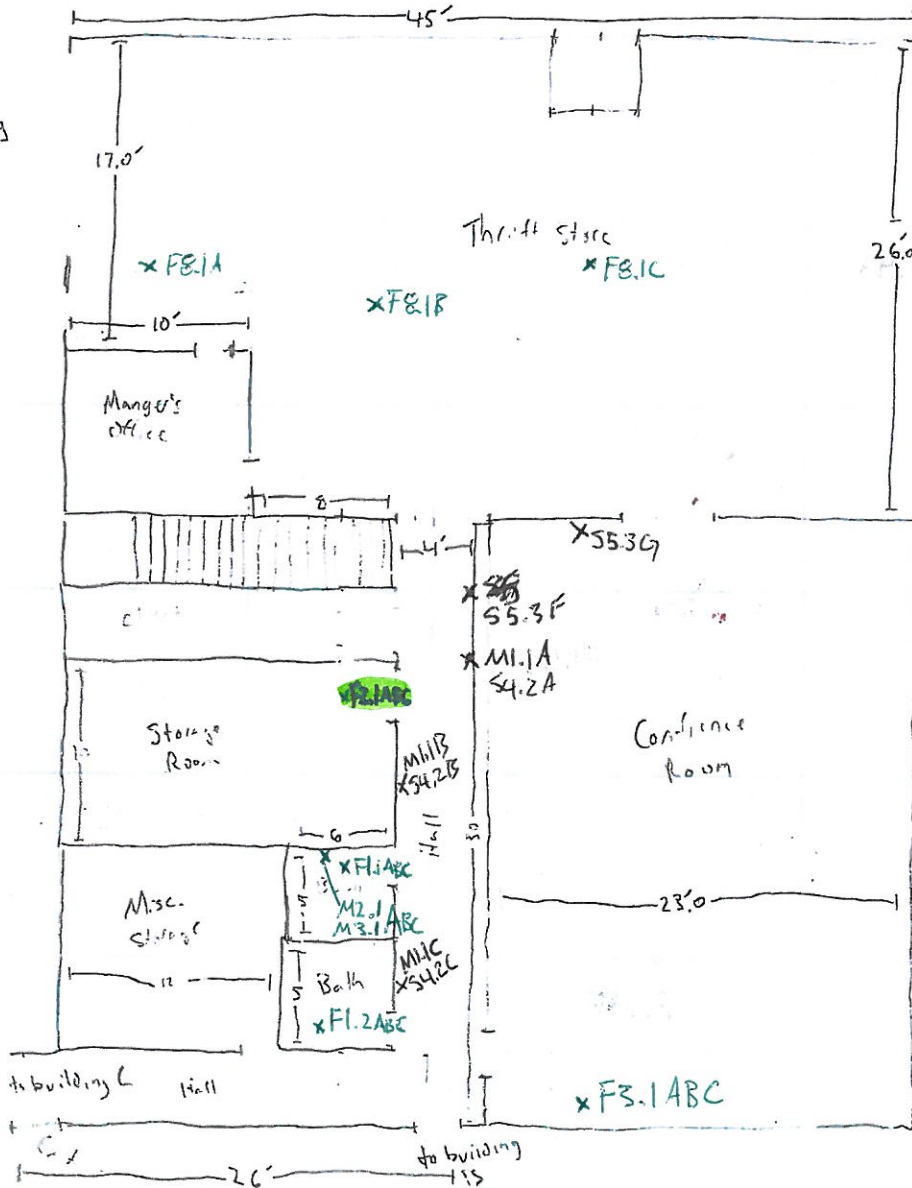
The background of the page is a photograph of a three-story brick building. The building has several windows, some with white frames. A fire escape is attached to the side of the building. A semi-transparent map of a region with blue lines representing rivers and black lines representing county boundaries is overlaid on the bottom half of the image. The text 'APPENDIX B' is written in a bold, black, serif font across the middle of the image, and 'FIELD NOTES' is written in a similar font in the bottom right corner.

# APPENDIX B

**FIELD NOTES**



To Building C



CLIENT: Sweatgrass Development

SHEET        OF       

PROJECT: Collier Hotel

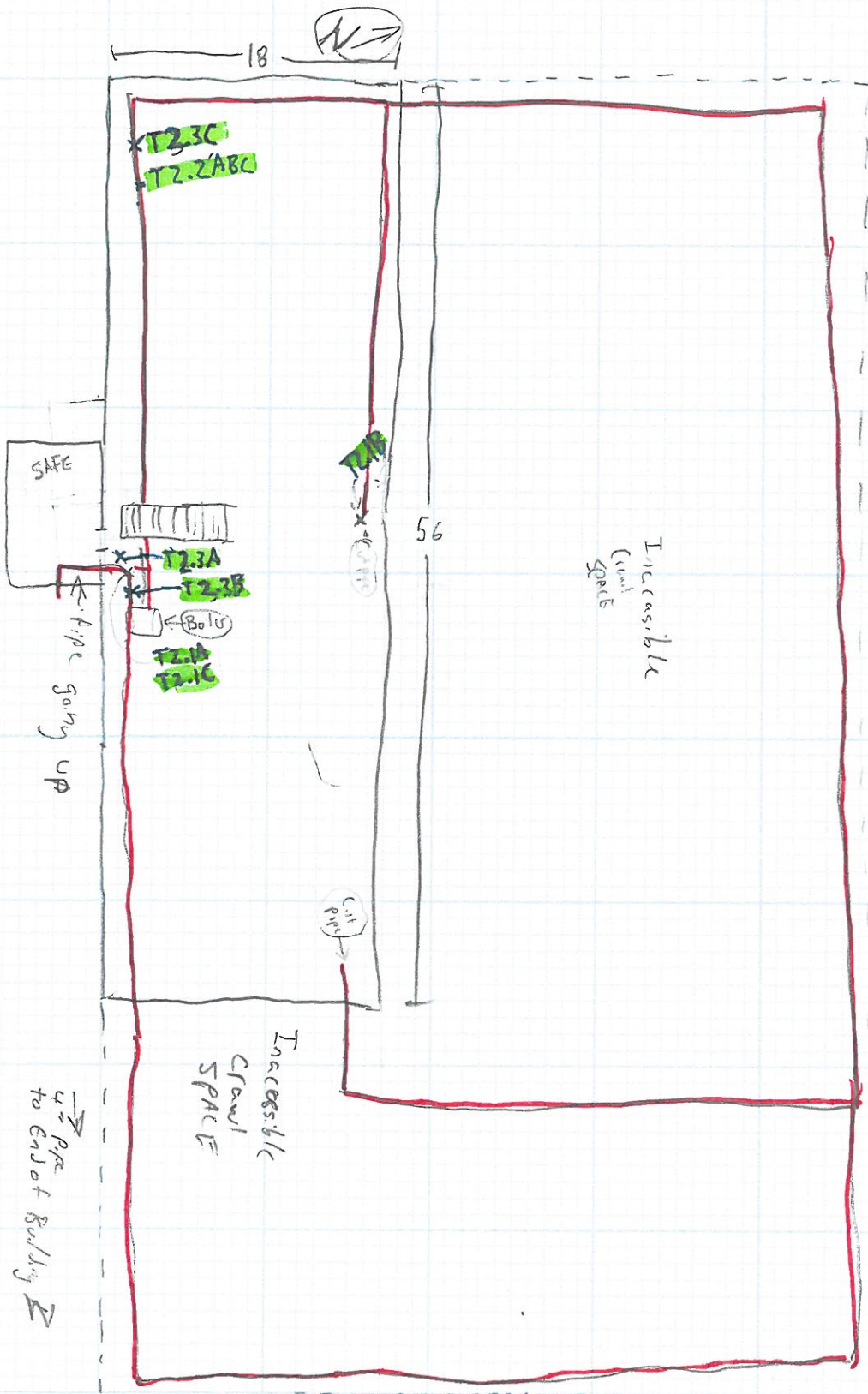
DATE: 0/23/16

DESCRIPTION: Basement

PROJECT No:       

PREPARED BY:        CHECKED BY:       

— Piping  
--- Building Footprint  
(Inaccessible Footprint)





CLIENT: Sweetgrass Dev

PROJECT: Glacier Hotel

DESCRIPTION: 5 Store Orig. 2nd Floor (Building A)

PREPARED BY: J. Schneichel H Grobbo

SHEET \_\_\_\_\_ OF \_\_\_\_\_

DATE: 6/16/16

PROJECT NO: \_\_\_\_\_

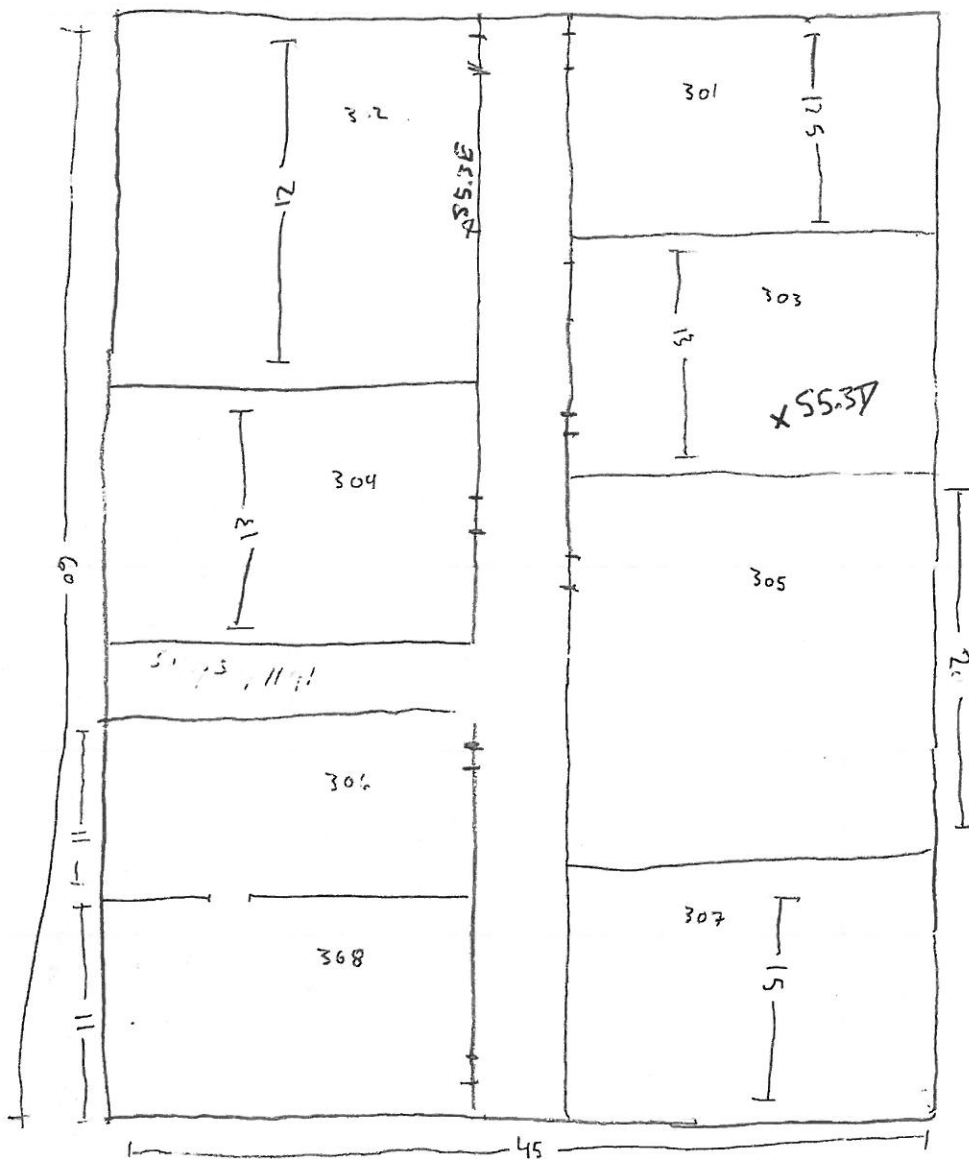
CHECKED BY: \_\_\_\_\_



Bathrooms

5x5

CLIENT: Sweet Grass Dev. SHEET        OF         
PROJECT: Chlorine Hotel DATE: 6/16/16  
DESCRIPTION: Occ. Build 3rd Floor (B. 1, 11) PROJECT NO:         
PREPARED BY: J. Schmechel H. Cristobal CHECKED BY:       



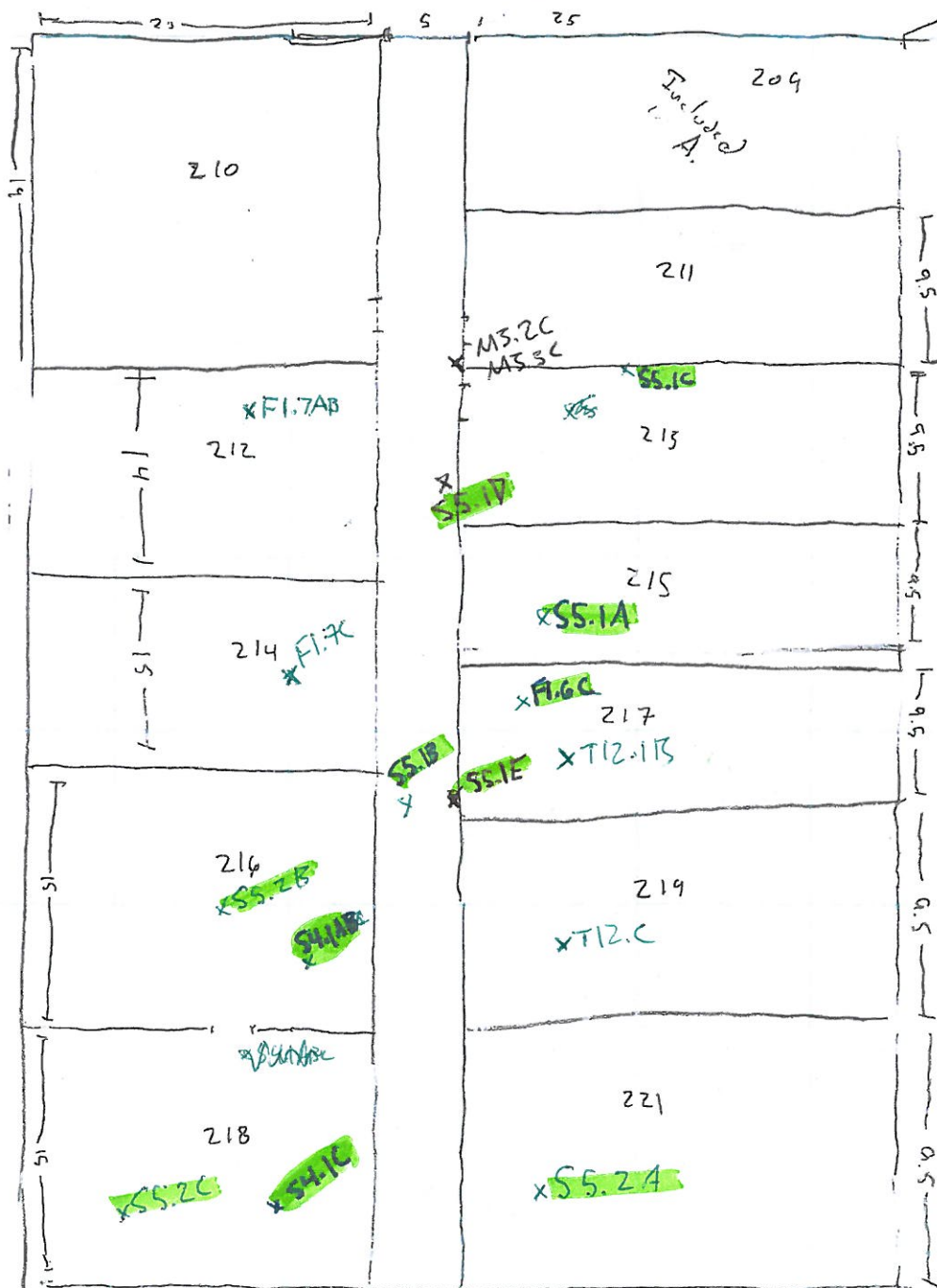
CLIENT: Sweetgums SHEET        OF         
PROJECT: Gallop Hotel DATE: 6/16/16  
DESCRIPTION: Building B Main Floor PROJECT NO:         
PREPARED BY: Ischnechel H. Grobbs CHECKED BY:       





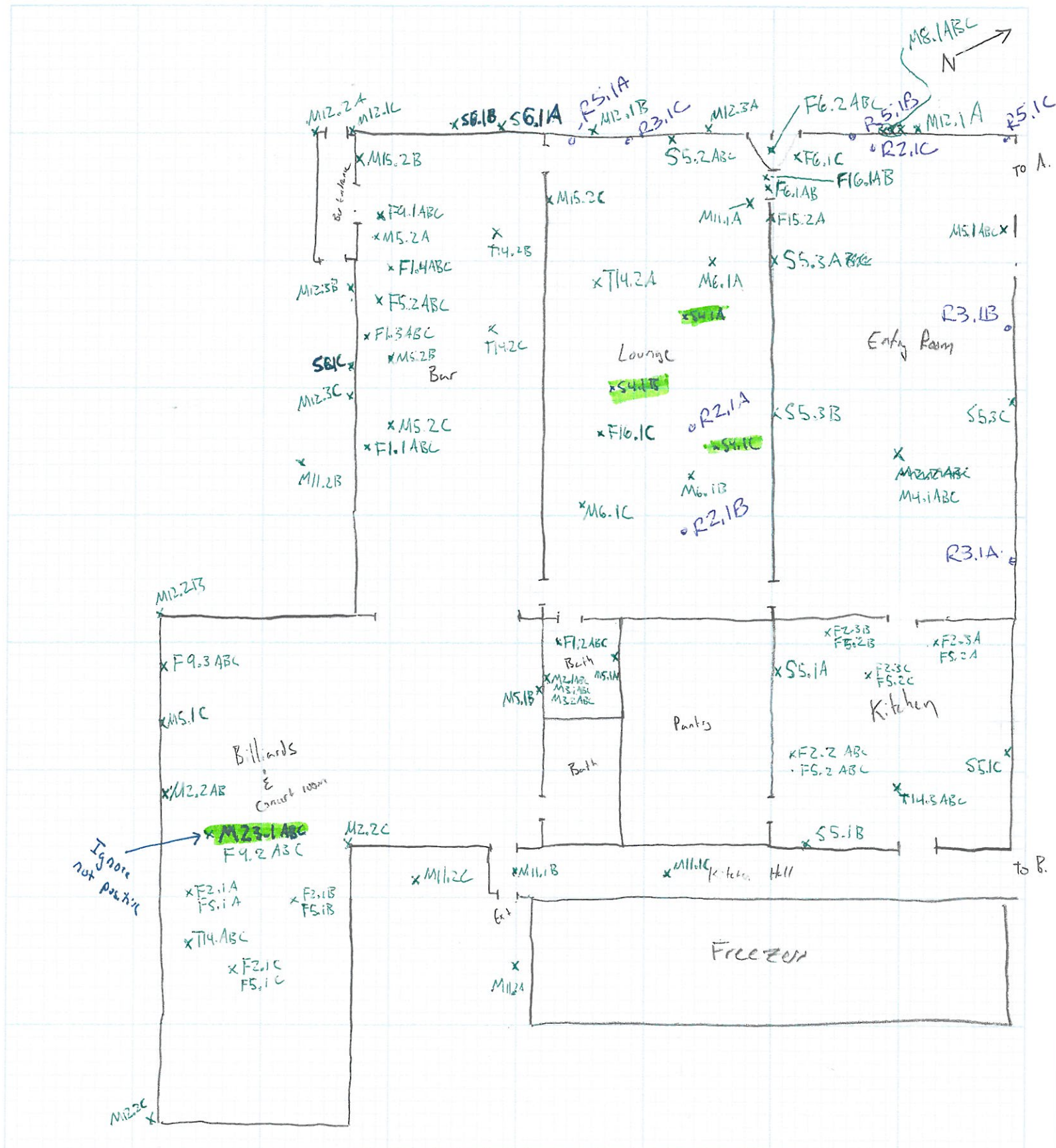
Perspective. Vision. Solutions.

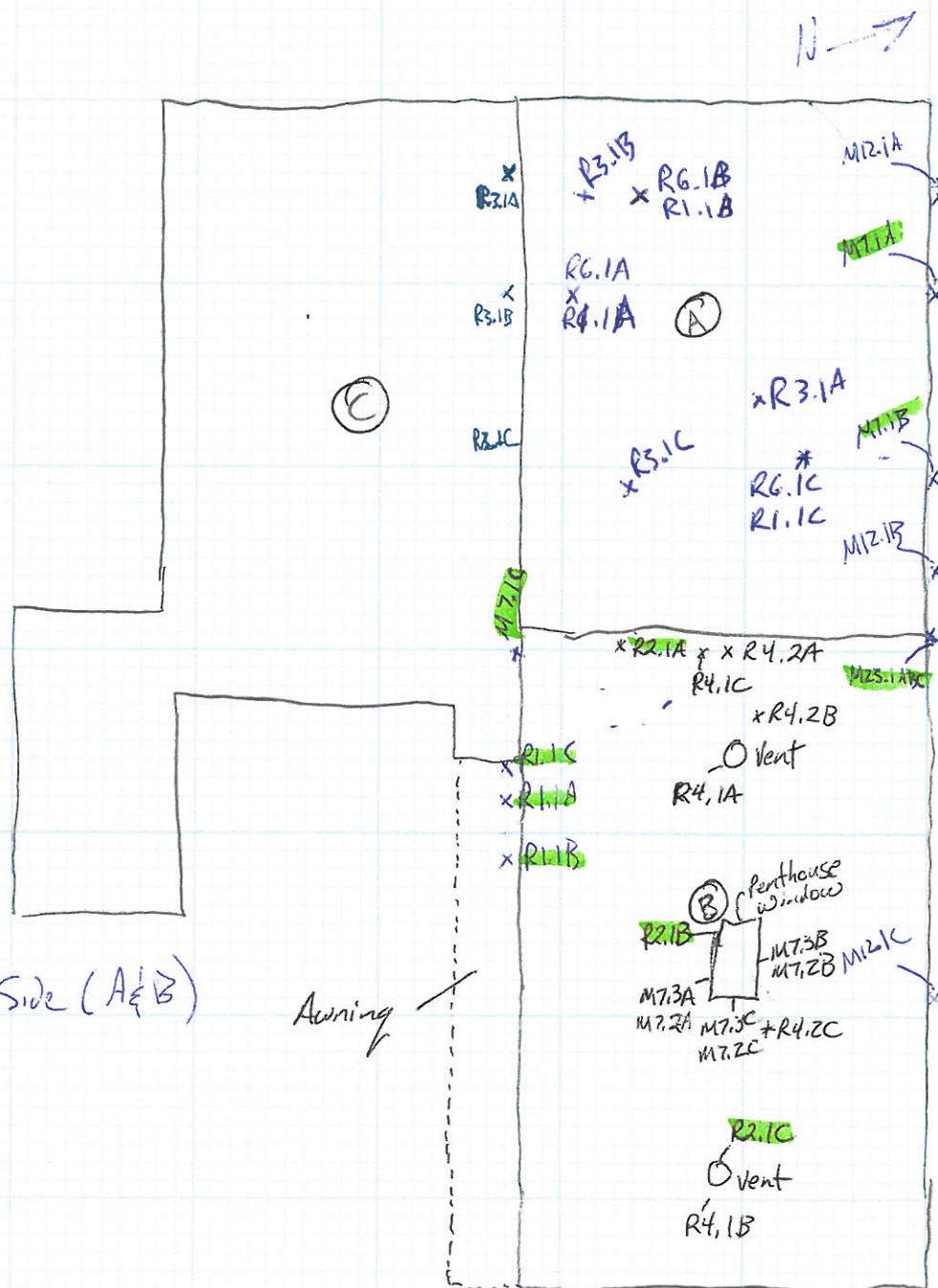
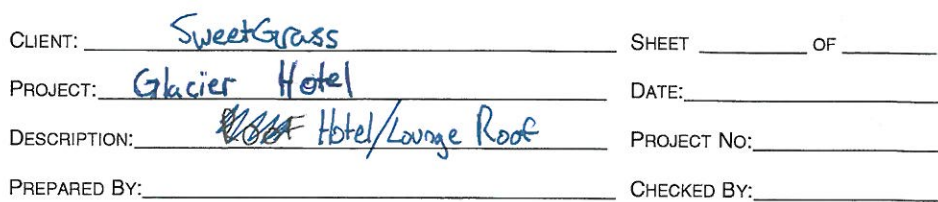
CLIENT: Sweetgrass SHEET        OF         
PROJECT: Galacier Hotel DATE: 6/11/16  
DESCRIPTION: 2nd Floor Building B PROJECT NO:         
PREPARED BY: J. Samuel H. Groth CHECKED BY:       



120. throwns 5' 5'







- 27 windows on North Side (A & B)
- 140ft tall for 3 stories
- 10 windows S side of A
- 10 windows Side of B





Perspective. Vision. Solutions.

CLIENT: Sweet grass Dev

SHEET 1 OF 1

PROJECT: Glacier Hole!

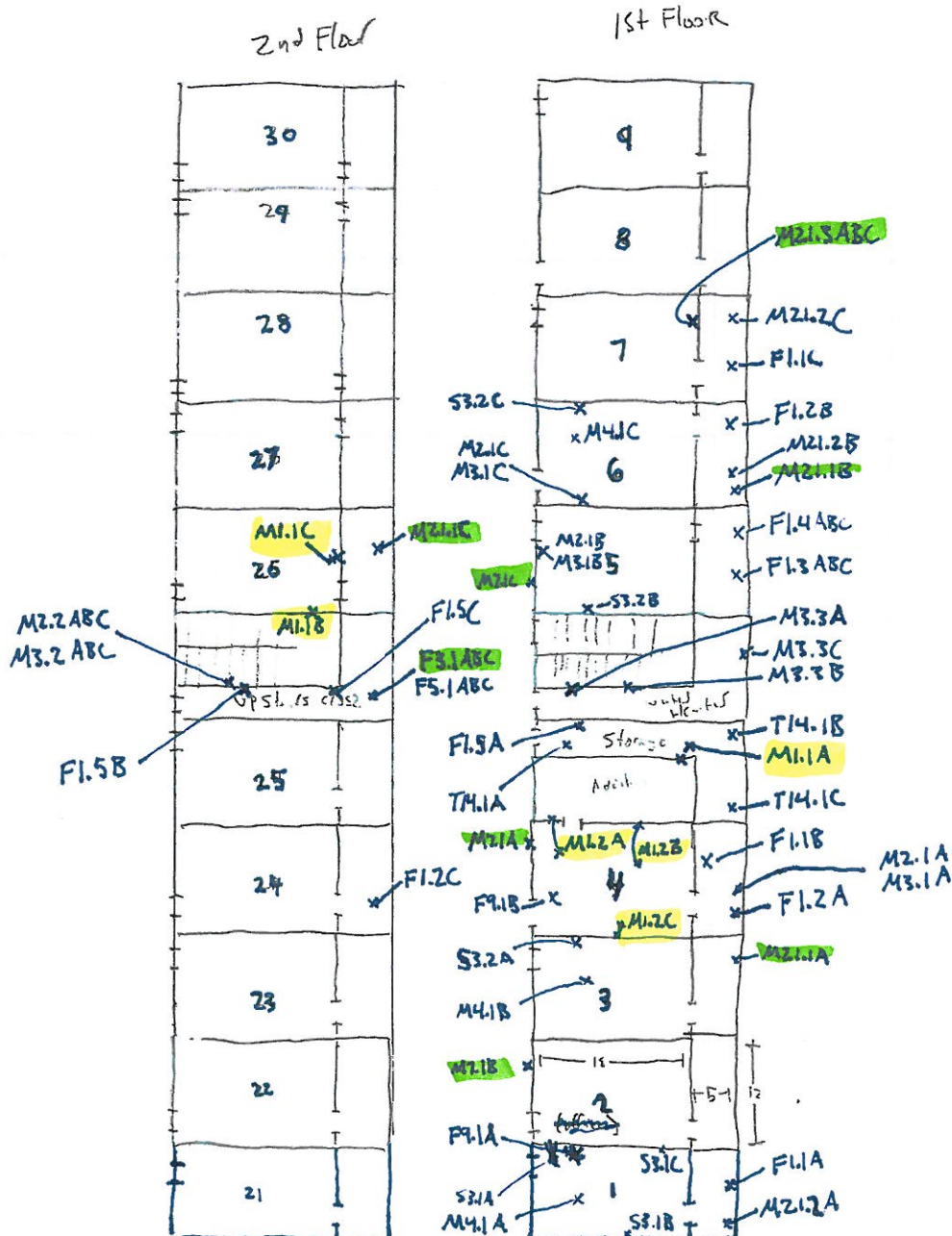
DATE: 6/16/16

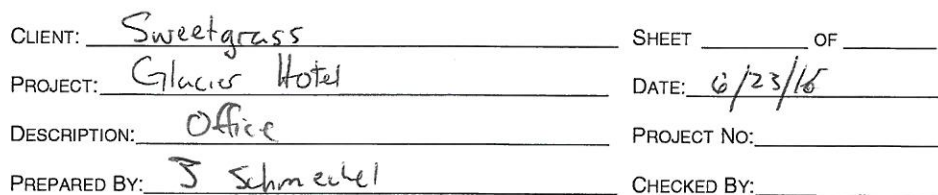
DESCRIPTION: Motel (Building D)

PROJECT No: \_\_\_\_\_

PREPARED BY: J. Schmecke & H. Grobbs

CHECKED BY: \_\_\_\_\_







The background of the page features a photograph of a three-story brick building. The building has several windows, some with white frames. A fire escape is visible on the side of the building. A semi-transparent map of the state of Texas is overlaid on the bottom half of the image. The map shows county boundaries and major water bodies. The title 'APPENDIX C' is written in a large, bold, black, serif font across the top of the image, partially overlapping the building and the map.

# APPENDIX C

## ANALYTICAL LABORATORY REPORTS



July 7, 2016

NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CLIENT PROJECT:** Glacier Hotel - Bldgs A/B; 350.0229.002  
**CEI LAB CODE:** A16-6097

Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on June 29, 2016. 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", with a stylized flourish at the end.

Tianbao Bai, Ph.D., CIH  
Laboratory Director





---

## **ASBESTOS ANALYTICAL REPORT**

### **By: Polarized Light Microscopy**

**Prepared for**

**NewFields**

---

CLIENT PROJECT: Glacier Hotel - Bldgs A/B; 350.0229.002

CEI LAB CODE: A16-6097

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

REPORT DATE: 07/07/16

TOTAL SAMPLES ANALYZED: 100

# SAMPLES >1% ASBESTOS: 16

**TEL: 866-481-1412**

***www.ceilabs.com***





# Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** Glacier Hotel - Bldgs A/B; 350.0229.002      **CEI LAB CODE:** A16-6097

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
T2.1A		A2186764	Tan,Gold	Pipe Insulation	Chrysotile 10% Tremolite <1%
T2.1B		A2186765		Sample Not Analyzed per COC	
T2.1C		A2186766		Sample Not Analyzed per COC	
M12.1A		A2186767	Red,Blue	Brick And Mortar	None Detected
M12.1B		A2186768	Red,Blue	Brick And Mortar	None Detected
M12.1C		A2186769	Red,Blue	Brick And Mortar	None Detected
T2.3A		A2186770	Tan	Pipe Insulation	Chrysotile 65%
T2.3B		A2186771		Sample Not Analyzed per COC	
T2.3C		A2186772		Sample Not Analyzed per COC	
M7.3A		A2186773	White,Tan	Window Caulking	None Detected
M7.3B		A2186774	White,Tan	Window Caulking	None Detected
M7.3C		A2186775	White,Tan	Window Caulking	None Detected
M7.1A		A2186776	White,Green	Window Glazing	Chrysotile 2%
M7.1B		A2186777		Sample Not Analyzed per COC	
M7.1C		A2186778		Sample Not Analyzed per COC	
F2.1A		A2186779A	Off-white	Tile	None Detected
		A2186779B	Yellow	Mastic	Chrysotile 2%
F1.9A		A2186780	Off-white,Green	Vinyl Flooring	Chrysotile 25%
F2.1B		A2186781A	Off-white	Tile	None Detected
		A2186781B		Sample Not Analyzed per COC	
F1.9B		A2186782		Sample Not Analyzed per COC	
F2.1C		A2186783A	Off-white	Tile	None Detected
		A2186783B		Sample Not Analyzed per COC	
F1.9C		A2186784		Sample Not Analyzed per COC	
M7.2A		A2186785	Gray	Window Glazing	None Detected
M7.2B		A2186786	Gray	Window Glazing	None Detected
M7.2C		A2186787	Gray	Window Glazing	None Detected
T2.2A		A2186788	Off-white	Pipe Insulation	Chrysotile 65%
T2.2B		A2186789		Sample Not Analyzed per COC	
T2.2C		A2186790		Sample Not Analyzed per COC	
S4.1A		A2186791	Off-white,Tan	Ceiling Texture	Chrysotile 5%



# Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** Glacier Hotel - Bldgs A/B; 350.0229.002      **CEI LAB CODE:** A16-6097

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
S4.1B		A2186792		Sample Not Analyzed per COC	
S4.1C		A2186793		Sample Not Analyzed per COC	
M23.1A		A2186794	Blue,Brown	Joint Caulk	Chrysotile 2%
M23.1B		A2186795		Sample Not Analyzed per COC	
M23.1C		A2186796		Sample Not Analyzed per COC	
R2.1A		A2186797	Black,Silver	Roof Flashing	Chrysotile 10%
R2.1B		A2186798		Sample Not Analyzed per COC	
R2.1C		A2186799		Sample Not Analyzed per COC	
R4.1A		A2186800	Black,White	Tar	None Detected
R4.1B		A2186801	Black,White	Tar	None Detected
R4.1C		A2186802	Black,White	Tar	None Detected
R4.2A		A2186803	Black,Silver	Built-Up Roofing	None Detected
R4.2B		A2186804	Black,Silver	Built-Up Roofing	None Detected
R4.2C		A2186805	Black,Silver	Built-Up Roofing	None Detected
R1.1A		A2186806	Black,Silver	Built-Up Roofing	Chrysotile 2%
R1.1B		A2186807		Sample Not Analyzed per COC	
R1.1C		A2186808		Sample Not Analyzed per COC	
S5.1A	Layer 1	A2186809	White	Plaster Skim Coat	None Detected
	Layer 2	A2186809	Gray	Plaster Base Coat	None Detected
S5.1B	Layer 1	A2186810	White	Plaster Skim Coat	None Detected
	Layer 2	A2186810	Gray	Plaster Base Coat	None Detected
S5.1C	Layer 1	A2186811	White	Plaster Skim Coat	Chrysotile 2%
	Layer 2	A2186811	Gray	Plaster Base Coat	None Detected
S5.1D	Layer 1	A2186812		Sample Not Analyzed per COC	
	Layer 2	A2186812	Gray	Plaster Base Coat	None Detected
S5.1E	Layer 1	A2186813		Sample Not Analyzed per COC	
	Layer 2	A2186813	Gray	Plaster Base Coat	None Detected
S5.3A	Layer 1	A2186814	White	Plaster Skim Coat	None Detected
	Layer 2	A2186814	Gray	Plaster Base Coat	None Detected
S5.3B	Layer 1	A2186815	White	Plaster Skim Coat	None Detected
	Layer 2	A2186815	Gray	Plaster Base Coat	None Detected



# Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** Glacier Hotel - Bldgs A/B; 350.0229.002      **CEI LAB CODE:** A16-6097

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
S5.3C	Layer 1	A2186816	White	Plaster Skim Coat	None Detected
	Layer 2	A2186816	Gray	Plaster Base Coat	None Detected
S5.3D	Layer 1	A2186817	White	Plaster Skim Coat	None Detected
	Layer 2	A2186817	Gray	Plaster Base Coat	None Detected
S5.3E	Layer 1	A2186818	White	Plaster Skim Coat	None Detected
	Layer 2	A2186818	Gray	Plaster Base Coat	None Detected
S5.3F	Layer 1	A2186819	White	Plaster Skim Coat	None Detected
	Layer 2	A2186819	Gray	Plaster Base Coat	None Detected
S5.3G	Layer 1	A2186820	White	Plaster Skim Coat	None Detected
	Layer 2	A2186820	Gray	Plaster Base Coat	None Detected
F1.9A		A2186821	Moroccan Print	Vsf	<b>Chrysotile 25%</b>
F1.9B		A2186822		Sample Not Analyzed per COC	
F1.9C		A2186823		Sample Not Analyzed per COC	
S5.2A	Layer 1	A2186824	White	Plaster Skim Coat	None Detected
	Layer 2	A2186824	Gray	Plaster Base Coat	None Detected
S5.2B	Layer 1	A2186825	White	Plaster Skim Coat	<b>Chrysotile 5%</b>
	Layer 2	A2186825	Gray	Plaster Base Coat	None Detected
S5.2C		A2186826		Sample Not Analyzed per COC	
	Layer 2	A2186826	Gray	Plaster Base Coat	None Detected
S5.2D		A2186827		Sample Not Analyzed per COC	
	Layer 2	A2186827	Gray	Plaster Base Coat	None Detected
S5.2E		A2186828		Sample Not Analyzed per COC	
	Layer 2	A2186828	Gray	Plaster Base Coat	None Detected
M2.1A		A2186829	Cream	Covebase	None Detected
M3.1A		A2186830	White	Adhesive	None Detected
M2.1B		A2186831	Cream	Covebase	None Detected
M3.1B		A2186832	White	Adhesive	None Detected
M2.1C		A2186833	Cream	Covebase	None Detected
M3.1C		A2186834	White	Adhesive	None Detected
S4.2A		A2186835	White	Spray Surfacing	None Detected
S4.2B		A2186836	White	Spray Surfacing	None Detected



# Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** Glacier Hotel - Bldgs A/B; 350.0229.002      **CEI LAB CODE:** A16-6097

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
S4.2C		A2186837	White	Spray Surfacing	None Detected
M3.2A		A2186838	Gold	Adhesive	None Detected
M3.3A		A2186839	Black	Adhesive	None Detected
M3.2B		A2186840	Gold	Adhesive	None Detected
M3.3B		A2186841	Black	Adhesive	None Detected
M3.2C		A2186842	Gold	Adhesive	None Detected
M3.3C		A2186843	Black	Adhesive	None Detected
T12.1A		A2186844	White	Blown-in Insulation	None Detected
T12.1B		A2186845	White	Blown-in Insulation	None Detected
T12.1C		A2186846	White	Blown-in Insulation	None Detected
M1.1A		A2186847	White,Gray	Sheetrock/Joint Compound	None Detected
M1.1B		A2186848	White,Gray	Sheetrock/Joint Compound	None Detected
M1.1C		A2186849	White,Gray	Sheetrock/Joint Compound	None Detected
R6.1A		A2186850	Black	Rolled Asphalt	None Detected
R1.1A		A2186851	Black	Built-Up Roofing	None Detected
R6.1B		A2186852	Black	Rolled Asphalt	None Detected
R1.1B		A2186853	Black	Built-Up Roofing	None Detected
R6.1C		A2186854	Black	Rolled Asphalt	None Detected
R1.1C		A2186855	Black	Built-Up Roofing	None Detected
R3.1A		A2186856	Silver,Black	Silver Paint/roof Tar	None Detected
R3.1B		A2186857	Silver,Black	Silver Paint/roof Tar	None Detected
R3.1C		A2186858	Silver,Black	Silver Paint/roof Tar	None Detected
F1.2A		A2186859A	Green	Vsf	None Detected
		A2186859B	Cream	Vsf	None Detected
F1.2B		A2186860A	Green	Vsf	None Detected
		A2186860B	Cream	Vsf	None Detected
F1.2C		A2186861A	Green	Vsf	None Detected
		A2186861B	Cream	Vsf	None Detected
F1.1A		A2186862	Brown	Vsf	None Detected
F1.1B		A2186863	Brown	Vsf	None Detected
F1.1C		A2186864	Brown	Vsf	None Detected



# Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** Glacier Hotel - Bldgs A/B; 350.0229.002

**CEI LAB CODE:** A16-6097

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
M1.2A		A2186865	White,Gray	Sheetrock/Joint Compound	None Detected
M1.2B		A2186866	White,Gray	Sheetrock/Joint Compound	None Detected
M1.2C		A2186867	White,Gray	Sheetrock/Joint Compound	None Detected
F1.5A		A2186868	Light Gray, Cream	Vsf	Chrysotile 25%
F1.5B		A2186869		Sample Not Analyzed per COC	
F1.5C		A2186870		Sample Not Analyzed per COC	
F1.7A		A2186871	Gold	Vsf	None Detected
F1.7B		A2186872	Gold	Vsf	None Detected
F1.7C		A2186873	Gold	Vsf	None Detected
F1.3A		A2186874	White,Marble	Vsf	Chrysotile 25%
F1.4A		A2186875	Blue,Black	Vsf	None Detected
F1.3B		A2186876		Sample Not Analyzed per COC	
F1.4B		A2186877	Blue,Black	Vsf	None Detected
F1.3C		A2186878		Sample Not Analyzed per COC	
F1.4C		A2186879	Blue,Black	Vsf	None Detected
F1.6A		A2186880	Gray,Tan	Vsf	Chrysotile 25%
F1.6B		A2186881		Sample Not Analyzed per COC	
F1.6C		A2186882		Sample Not Analyzed per COC	
F1.8A		A2186883	Brown	Vsf	None Detected
F1.8B		A2186884	Brown	Vsf	None Detected
F1.8C		A2186885	Brown	Vsf	None Detected
F8.1A	Layer 1	A2186886	Gray	Ceramic Tile	None Detected
	Layer 2	A2186886	Gray	Grout	None Detected
F8.1B	Layer 1	A2186887	Gray	Ceramic Tile	None Detected
	Layer 2	A2186887	Gray	Grout	None Detected
F8.1C	Layer 1	A2186888	Gray	Ceramic Tile	None Detected
	Layer 2	A2186888	Gray	Grout	None Detected
M9.1A		A2186889A	White	Ceramic Tile	None Detected
		A2186889B	Yellow	Adhesive	None Detected
M9.1B		A2186890A	White	Ceramic Tile	None Detected





## Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** Glacier Hotel - Bldgs A/B; 350.0229.002

**CEI LAB CODE:** A16-6097

---

---

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
M9.1C		A2186890B	Yellow	Adhesive	None Detected
		A2186891A	White	Ceramic Tile	None Detected
		A2186891B	Yellow	Adhesive	None Detected



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6097

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-07-16

**Project:** Glacier Hotel - Bldgs A/B; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
<b>T2.1A</b> A2186764	Pipe Insulation	Heterogeneous Tan,Gold Fibrous Loosely Bound		40% Vermiculite 50% Binder	<b>10% Chrysotile &lt;1% Tremolite</b>
<b>T2.1B</b> A2186765	Sample Not Analyzed per COC				
<b>T2.1C</b> A2186766	Sample Not Analyzed per COC				
<b>M12.1A</b> A2186767	Brick And Mortar	Heterogeneous Red,Blue Non-fibrous Bound		85% Silicates 10% Binder 5% Paint	<b>None Detected</b>
<b>M12.1B</b> A2186768	Brick And Mortar	Heterogeneous Red,Blue Non-fibrous Bound		85% Silicates 10% Binder 5% Paint	<b>None Detected</b>
<b>M12.1C</b> A2186769	Brick And Mortar	Heterogeneous Red,Blue Non-fibrous Bound		85% Silicates 10% Binder 5% Paint	<b>None Detected</b>
<b>T2.3A</b> A2186770	Pipe Insulation	Heterogeneous Tan Fibrous Loosely Bound		35% Binder	<b>65% Chrysotile</b>
<b>T2.3B</b> A2186771	Sample Not Analyzed per COC				
<b>T2.3C</b> A2186772	Sample Not Analyzed per COC				



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6097

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-07-16

**Project:** Glacier Hotel - Bldgs A/B; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
M7.3A A2186773	Window Caulking	Heterogeneous White,Tan Non-fibrous Bound	<1%	Cellulose	90% 10%	Binder Silicates	None Detected
M7.3B A2186774	Window Caulking	Heterogeneous White,Tan Non-fibrous Bound	<1%	Cellulose	90% 10%	Binder Silicates	None Detected
M7.3C A2186775	Window Caulking	Heterogeneous White,Tan Non-fibrous Bound	<1%	Cellulose	90% 10%	Binder Silicates	None Detected
M7.1A A2186776	Window Glazing	Heterogeneous White,Green Fibrous Bound	<1%	Cellulose	88% 10%	Binder Silicates	2% Chrysotile
M7.1B A2186777	Sample Not Analyzed per COC						
M7.1C A2186778	Sample Not Analyzed per COC						
F2.1A A2186779A	Tile	Heterogeneous Off-white Fibrous Bound			100%	Vinyl	None Detected
A2186779B	Mastic	Heterogeneous Yellow Fibrous Bound	5%	Cellulose	93%	Mastic	2% Chrysotile



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6097

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-07-16

**Project:** Glacier Hotel - Bldgs A/B; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
F1.9A A2186780	Vinyl Flooring	Heterogeneous Off-white,Green Fibrous Bound	25%	Cellulose	50%	Vinyl	25% Chrysotile
F2.1B A2186781A	Tile	Heterogeneous Off-white Fibrous Bound			100%	Vinyl	None Detected
A2186781B	Sample Not Analyzed per COC						
F1.9B A2186782	Sample Not Analyzed per COC						
F2.1C A2186783A	Tile	Heterogeneous Off-white Fibrous Bound			100%	Vinyl	None Detected
A2186783B	Sample Not Analyzed per COC						
F1.9C A2186784	Sample Not Analyzed per COC						
M7.2A A2186785	Window Glazing	Heterogeneous Gray Fibrous Bound	20%	Fiberglass	75% 5%	Binder Silicates	None Detected
M7.2B A2186786	Window Glazing	Heterogeneous Gray Fibrous Bound	20%	Fiberglass	75% 5%	Binder Silicates	None Detected





# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6097

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-07-16

**Project:** Glacier Hotel - Bldgs A/B; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
M7.2C A2186787	Window Glazing	Heterogeneous Gray Fibrous Bound	20%	Fiberglass	75% 5%	Binder Silicates	None Detected
T2.2A A2186788	Pipe Insulation	Heterogeneous Off-white Fibrous Loosely Bound			35%	Binder	65% Chrysotile
T2.2B A2186789	Sample Not Analyzed per COC						
T2.2C A2186790	Sample Not Analyzed per COC						
S4.1A A2186791	Ceiling Texture	Heterogeneous Off-white,Tan Fibrous Loosely Bound	20%	Cellulose	75%	Binder	5% Chrysotile
S4.1B A2186792	Sample Not Analyzed per COC						
S4.1C A2186793	Sample Not Analyzed per COC						
M23.1A A2186794	Joint Caulk	Heterogeneous Blue,Brown Fibrous Bound			75% 23%	Binder Silicates	2% Chrysotile
M23.1B A2186795	Sample Not Analyzed per COC						
M23.1C A2186796	Sample Not Analyzed per COC						



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6097  
**Date Received:** 06-29-16  
**Date Analyzed:** 07-06-16  
**Date Reported:** 07-07-16

**Project:** Glacier Hotel - Bldgs A/B; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>R2.1A</b> A2186797	Roof Flashing	Heterogeneous Black,Silver Fibrous Bound	15%	Synthetic Fiber	45%	Tar Silicates Paint	<b>10% Chrysotile</b>
<b>R2.1B</b> A2186798	Sample Not Analyzed per COC						
<b>R2.1C</b> A2186799	Sample Not Analyzed per COC						
<b>R4.1A</b> A2186800	Tar	Heterogeneous Black,White Fibrous Bound	15% 10%	Synthetic Fiber Cellulose	45% 20% 10%	Tar Silicates Paint	<b>None Detected</b>
<b>R4.1B</b> A2186801	Tar	Heterogeneous Black,White Fibrous Bound	10%	Cellulose	60% 20% 10%	Tar Silicates Paint	<b>None Detected</b>
<b>R4.1C</b> A2186802	Tar	Heterogeneous Black,White Fibrous Bound	10%	Cellulose	60% 20% 10%	Tar Silicates Paint	<b>None Detected</b>
<b>R4.2A</b> A2186803	Built-Up Roofing	Heterogeneous Black,Silver Fibrous Bound	10%	Cellulose	60% 20% 10%	Tar Silicates Paint	<b>None Detected</b>
<b>R4.2B</b> A2186804	Built-Up Roofing	Heterogeneous Black,Silver Fibrous Bound	10%	Cellulose	60% 20% 10%	Tar Silicates Paint	<b>None Detected</b>



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6097  
**Date Received:** 06-29-16  
**Date Analyzed:** 07-06-16  
**Date Reported:** 07-07-16

**Project:** Glacier Hotel - Bldgs A/B; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>R4.2C</b> A2186805	Built-Up Roofing	Heterogeneous Black, Silver Fibrous Bound	10%	Cellulose	60% 20% 10%	Tar Silicates Paint	<b>None Detected</b>
<b>R1.1A</b> A2186806	Built-Up Roofing	Heterogeneous Black, Silver Fibrous Bound	10%	Cellulose	58% 20% 10%	Tar Silicates Paint	<b>2% Chrysotile</b>
<b>R1.1B</b> A2186807	Sample Not Analyzed per COC						
<b>R1.1C</b> A2186808	Sample Not Analyzed per COC						
<b>S5.1A</b> Layer 1 A2186809	Plaster Skim Coat	Heterogeneous White Fibrous Loosely Bound	2%	Cellulose	80% 18%	Paint Binder	<b>None Detected</b>
Layer 2 A2186809	Plaster Base Coat	Heterogeneous Gray Fibrous Loosely Bound	<1% <1%	Cellulose Hair	60% 30% 10%	Silicates Calc Carb Binder	<b>None Detected</b>
<b>S5.1B</b> Layer 1 A2186810	Plaster Skim Coat	Heterogeneous White Fibrous Loosely Bound	2%	Cellulose	80% 18%	Paint Binder	<b>None Detected</b>
Layer 2 A2186810	Plaster Base Coat	Heterogeneous Gray Fibrous Loosely Bound	<1% <1%	Cellulose Hair	60% 30% 10%	Silicates Calc Carb Binder	<b>None Detected</b>



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6097

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-07-16

**Project:** Glacier Hotel - Bldgs A/B; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>S5.1C</b> Layer 1 A2186811	Plaster Skim Coat	Heterogeneous White Fibrous Loosely Bound			60% 30% 8%	Paint Calc Carb Binder	<b>2% Chrysotile</b>
Layer 2 A2186811	Plaster Base Coat	Heterogeneous Gray Fibrous Loosely Bound	<1% <1%	Cellulose Hair	60% 30% 10%	Silicates Calc Carb Binder	<b>None Detected</b>
<b>S5.1D</b> Layer 1 A2186812	Sample Not Analyzed per COC						
Layer 2 A2186812	Plaster Base Coat	Heterogeneous Gray Fibrous Loosely Bound	<1% <1%	Cellulose Hair	60% 30% 10%	Silicates Calc Carb Binder	<b>None Detected</b>
<b>S5.1E</b> Layer 1 A2186813	Sample Not Analyzed per COC						
Layer 2 A2186813	Plaster Base Coat	Heterogeneous Gray Fibrous Loosely Bound	<1% <1%	Cellulose Hair	60% 30% 10%	Silicates Calc Carb Binder	<b>None Detected</b>
<b>S5.3A</b> Layer 1 A2186814	Plaster Skim Coat	Heterogeneous White Fibrous Loosely Bound	2%	Cellulose	80% 18%	Paint Binder	<b>None Detected</b>
Layer 2 A2186814	Plaster Base Coat	Heterogeneous Gray Fibrous Loosely Bound	<1% <1%	Cellulose Hair	60% 30% 10%	Silicates Calc Carb Binder	<b>None Detected</b>





# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6097

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-07-16

**Project:** Glacier Hotel - Bldgs A/B; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>S5.3B</b> Layer 1 A2186815	Plaster Skim Coat	Heterogeneous White Fibrous Loosely Bound	2%	Cellulose	80% 18%	Paint Binder	<b>None Detected</b>
Layer 2 A2186815	Plaster Base Coat	Heterogeneous Gray Fibrous Loosely Bound	<1% <1%	Cellulose Hair	60% 30% 10%	Silicates Calc Carb Binder	<b>None Detected</b>
<b>S5.3C</b> Layer 1 A2186816	Plaster Skim Coat	Heterogeneous White Fibrous Loosely Bound	2%	Cellulose	80% 18%	Paint Binder	<b>None Detected</b>
Layer 2 A2186816	Plaster Base Coat	Heterogeneous Gray Fibrous Loosely Bound	<1% <1%	Cellulose Hair	60% 30% 10%	Silicates Calc Carb Binder	<b>None Detected</b>
<b>S5.3D</b> Layer 1 A2186817	Plaster Skim Coat	Heterogeneous White Fibrous Loosely Bound	2%	Cellulose	80% 18%	Paint Binder	<b>None Detected</b>
Layer 2 A2186817	Plaster Base Coat	Heterogeneous Gray Fibrous Loosely Bound	<1% <1%	Cellulose Hair	60% 30% 10%	Silicates Calc Carb Binder	<b>None Detected</b>
<b>S5.3E</b> Layer 1 A2186818	Plaster Skim Coat	Heterogeneous White Fibrous Loosely Bound	2%	Cellulose	80% 18%	Paint Binder	<b>None Detected</b>



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6097

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-07-16

**Project:** Glacier Hotel - Bldgs A/B; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
Layer 2 A2186818	Plaster Base Coat	Heterogeneous Gray Fibrous Loosely Bound	<1%	Cellulose	60%	Silicates	None Detected
			<1%	Hair	30%	Calc Carb	
					10%	Binder	
<b>S5.3F</b> Layer 1 A2186819	Plaster Skim Coat	Heterogeneous White Fibrous Loosely Bound	2%	Cellulose	80%	Paint	None Detected
					18%	Binder	
Layer 2 A2186819	Plaster Base Coat	Heterogeneous Gray Fibrous Loosely Bound	<1%	Cellulose	60%	Silicates	None Detected
			<1%	Hair	30%	Calc Carb	
					10%	Binder	
<b>S5.3G</b> Layer 1 A2186820	Plaster Skim Coat	Heterogeneous White Fibrous Loosely Bound	2%	Cellulose	80%	Paint	None Detected
					18%	Binder	
Layer 2 A2186820	Plaster Base Coat	Heterogeneous Gray Fibrous Loosely Bound	<1%	Cellulose	60%	Silicates	None Detected
			<1%	Hair	30%	Calc Carb	
					10%	Binder	
<b>F1.9A</b> A2186821	Vsf	Heterogeneous Morrocan Print Fibrous Bound			50%	Vinyl	25% Chrysotile
					25%	Binder	
<b>F1.9B</b> A2186822	Sample Not Analyzed per COC						
<b>F1.9C</b> A2186823	Sample Not Analyzed per COC						



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6097

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-07-16

**Project:** Glacier Hotel - Bldgs A/B; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous	Non-Fibrous			
<b>S5.2A</b> Layer 1 A2186824	Plaster Skim Coat	Heterogeneous White Fibrous Bound	2%	Cellulose	80%	Paint 18% Binder	<b>None Detected</b>
Layer 2 A2186824	Plaster Base Coat	Heterogeneous Gray Fibrous Bound	<1% <1%	Cellulose Hair	60% 30% 10%	Silicates Calc Carb Binder	<b>None Detected</b>
<b>S5.2B</b> Layer 1 A2186825	Plaster Skim Coat	Heterogeneous White Fibrous Loosely Bound			50% 30% 15%	Calc Carb Perlite Binder	<b>5% Chrysotile</b>
Layer 2 A2186825	Plaster Base Coat	Heterogeneous Gray Fibrous Bound	<1% <1%	Cellulose Hair	60% 30% 10%	Silicates Calc Carb Binder	<b>None Detected</b>
<b>S5.2C</b> A2186826	Sample Not Analyzed per COC						
Layer 2 A2186826	Plaster Base Coat	Heterogeneous Gray Fibrous Bound	<1% <1%	Cellulose Hair	60% 30% 10%	Silicates Calc Carb Binder	<b>None Detected</b>
<b>S5.2D</b> A2186827	Sample Not Analyzed per COC						
Layer 2 A2186827	Plaster Base Coat	Heterogeneous Gray Fibrous Bound	<1% <1%	Cellulose Hair	60% 30% 10%	Silicates Calc Carb Binder	<b>None Detected</b>
<b>S5.2E</b> A2186828	Sample Not Analyzed per COC						



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6097

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-07-16

**Project:** Glacier Hotel - Bldgs A/B; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
Layer 2 A2186828	Plaster Base Coat	Heterogeneous Gray Fibrous Bound	<1%	Cellulose	40% 30% 30%	Vermiculite Calc Carb Binder	None Detected
M2.1A A2186829	Covebase	Heterogeneous Cream Non-fibrous Bound			100%	Vinyl	None Detected
M3.1A A2186830	Adhesive	Heterogeneous White Non-fibrous Bound			100%	Mastic	None Detected
M2.1B A2186831	Covebase	Heterogeneous Cream Non-fibrous Bound			100%	Vinyl	None Detected
M3.1B A2186832	Adhesive	Heterogeneous White Non-fibrous Bound			100%	Mastic	None Detected
M2.1C A2186833	Covebase	Heterogeneous Cream Non-fibrous Bound			100%	Vinyl	None Detected
M3.1C A2186834	Adhesive	Heterogeneous White Non-fibrous Bound			100%	Mastic	None Detected





# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6097

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-07-16

**Project:** Glacier Hotel - Bldgs A/B; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>S4.2A</b> A2186835	Spray Surfacing	Heterogeneous White Fibrous Loosely Bound	2%	Cellulose	60% 20% 18%	Calc Carb Binder Paint	<b>None Detected</b>
<b>S4.2B</b> A2186836	Spray Surfacing	Heterogeneous White Fibrous Loosely Bound	2%	Cellulose	60% 20% 18%	Calc Carb Binder Paint	<b>None Detected</b>
<b>S4.2C</b> A2186837	Spray Surfacing	Heterogeneous White Fibrous Loosely Bound	2%	Cellulose	60% 20% 18%	Calc Carb Binder Paint	<b>None Detected</b>
<b>M3.2A</b> A2186838	Adhesive	Heterogeneous Gold Fibrous Bound	2%	Cellulose	98%	Mastic	<b>None Detected</b>
<b>M3.3A</b> A2186839	Adhesive	Heterogeneous Black Non-fibrous Bound			98% 2%	Foam Mastic	<b>None Detected</b>
<b>M3.2B</b> A2186840	Adhesive	Heterogeneous Gold Fibrous Bound	2%	Cellulose	98%	Mastic	<b>None Detected</b>
<b>M3.3B</b> A2186841	Adhesive	Heterogeneous Black Non-fibrous Bound			98% 2%	Foam Mastic	<b>None Detected</b>



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6097

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-07-16

**Project:** Glacier Hotel - Bldgs A/B; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
M3.2C A2186842	Adhesive	Heterogeneous Gold Fibrous Bound	2%	Cellulose	98%	Mastic	None Detected
M3.3C A2186843	Adhesive	Heterogeneous Black Non-fibrous Bound			98% 2%	Foam Mastic	None Detected
T12.1A A2186844	Blown-in Insulation	Heterogeneous White Fibrous Loose	100%	Fiberglass			None Detected
T12.1B A2186845	Blown-in Insulation	Heterogeneous White Fibrous Loose	100%	Fiberglass			None Detected
T12.1C A2186846	Blown-in Insulation	Heterogeneous White Fibrous Loose	100%	Fiberglass			None Detected
M1.1A A2186847	Sheetrock/Joint Compound	Heterogeneous White,Gray Fibrous Loosely Bound	10%	Cellulose	50% 30% 10%	Gypsum Calc Carb Paint	None Detected
M1.1B A2186848	Sheetrock/Joint Compound	Heterogeneous White,Gray Fibrous Loosely Bound	10%	Cellulose	50% 30% 10%	Gypsum Calc Carb Paint	None Detected



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6097

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-07-16

**Project:** Glacier Hotel - Bldgs A/B; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
M1.1C A2186849	Sheetrock/Joint Compound	Heterogeneous White, Gray Fibrous Loosely Bound	10%	Cellulose	50%	Gypsum 30% Calc Carb 10% Paint	None Detected
R6.1A A2186850	Rolled Asphalt	Heterogeneous Black Fibrous Loosely Bound	10%	Synthetic Fiber	50%	Tar 30% Gravel 10% Binder	None Detected
R1.1A A2186851	Built-Up Roofing	Heterogeneous Black Fibrous Loosely Bound	20%	Cellulose	70%	Tar 10% Binder	None Detected
R6.1B A2186852	Rolled Asphalt	Heterogeneous Black Fibrous Loosely Bound	10%	Synthetic Fiber	50%	Tar 30% Gravel 10% Binder	None Detected
R1.1B A2186853	Built-Up Roofing	Heterogeneous Black Fibrous Loosely Bound	20%	Cellulose	70%	Tar 10% Binder	None Detected
R6.1C A2186854	Rolled Asphalt	Heterogeneous Black Fibrous Loosely Bound	10%	Synthetic Fiber	50%	Tar 30% Gravel 10% Binder	None Detected
R1.1C A2186855	Built-Up Roofing	Heterogeneous Black Fibrous Loosely Bound	20%	Cellulose	70%	Tar 10% Binder	None Detected



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6097

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-07-16

**Project:** Glacier Hotel - Bldgs A/B; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>R3.1A</b> A2186856	Silver Paint/roof Tar	Heterogeneous Silver,Black Fibrous Bound	5%	Cellulose	70% 25%	Tar Paint	<b>None Detected</b>
<b>R3.1B</b> A2186857	Silver Paint/roof Tar	Heterogeneous Silver,Black Fibrous Bound	5%	Cellulose	70% 25%	Tar Paint	<b>None Detected</b>
<b>R3.1C</b> A2186858	Silver Paint/roof Tar	Heterogeneous Silver,Black Fibrous Bound	5%	Cellulose	70% 25%	Tar Paint	<b>None Detected</b>
<b>F1.2A</b> A2186859A	Vsf	Heterogeneous Green Fibrous Bound	15% 10%	Cellulose Fiberglass	50% 20% 5%	Vinyl Binder Mastic	<b>None Detected</b>
A2186859B	Vsf	Heterogeneous Cream Fibrous Bound	15% 10%	Cellulose Fiberglass	50% 20% 5%	Vinyl Binder Mastic	<b>None Detected</b>
<b>F1.2B</b> A2186860A	Vsf	Heterogeneous Green Fibrous Bound	15% 10%	Cellulose Fiberglass	50% 20% 5%	Vinyl Binder Mastic	<b>None Detected</b>
A2186860B	Vsf	Heterogeneous Cream Fibrous Bound	15% 10%	Cellulose Fiberglass	50% 20% 5%	Vinyl Binder Mastic	<b>None Detected</b>





# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6097

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-07-16

**Project:** Glacier Hotel - Bldgs A/B; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>F1.2C</b> A2186861A	Vsf	Heterogeneous	15%	Cellulose	50%	Vinyl	<b>None Detected</b>
		Green	10%	Fiberglass	20%	Binder	
		Fibrous			5%	Mastic	
		Bound					
A2186861B	Vsf	Heterogeneous	15%	Cellulose	50%	Vinyl	<b>None Detected</b>
		Cream	10%	Fiberglass	20%	Binder	
		Fibrous			5%	Mastic	
		Bound					
<b>F1.1A</b> A2186862	Vsf	Heterogeneous	15%	Cellulose	50%	Vinyl	<b>None Detected</b>
		Brown	10%	Fiberglass	20%	Binder	
		Fibrous			5%	Mastic	
		Bound					
<b>F1.1B</b> A2186863	Vsf	Heterogeneous	15%	Cellulose	50%	Vinyl	<b>None Detected</b>
		Brown	10%	Fiberglass	20%	Binder	
		Fibrous			5%	Mastic	
		Bound					
<b>F1.1C</b> A2186864	Vsf	Heterogeneous	15%	Cellulose	50%	Vinyl	<b>None Detected</b>
		Brown	10%	Fiberglass	20%	Binder	
		Fibrous			5%	Mastic	
		Bound					
<b>M1.2A</b> A2186865	Sheetrock/Joint Compound	Heterogeneous	10%	Cellulose	50%	Gypsum	<b>None Detected</b>
		White,Gray			30%	Calc Carb	
		Fibrous			10%	Paint	
		Loosely Bound					
<b>M1.2B</b> A2186866	Sheetrock/Joint Compound	Heterogeneous	10%	Cellulose	50%	Gypsum	<b>None Detected</b>
		White,Gray			30%	Calc Carb	
		Fibrous			10%	Paint	
		Loosely Bound					



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6097

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-07-16

**Project:** Glacier Hotel - Bldgs A/B; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
M1.2C A2186867	Sheetrock/Joint Compound	Heterogeneous White,Gray Fibrous Loosely Bound	10%	Cellulose	50%	Gypsum 30% Calc Carb 10% Paint	None Detected
F1.5A A2186868	Vsf	Heterogeneous Light Gray,Cream Fibrous Bound			50%	Vinyl 20% Binder 5% Mastic	25% Chrysotile
F1.5B A2186869	Sample Not Analyzed per COC						
F1.5C A2186870	Sample Not Analyzed per COC						
F1.7A A2186871	Vsf	Heterogeneous Gold Fibrous Bound			100%	Vinyl	None Detected
F1.7B A2186872	Vsf	Heterogeneous Gold Fibrous Bound			100%	Vinyl	None Detected
F1.7C A2186873	Vsf	Heterogeneous Gold Fibrous Bound			100%	Vinyl	None Detected
F1.3A A2186874	Vsf	Heterogeneous White,Marble Fibrous Bound			50%	Vinyl 20% Binder 5% Mastic	25% Chrysotile



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6097

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-07-16

**Project:** Glacier Hotel - Bldgs A/B; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>F1.4A</b> A2186875	Vsf	Heterogeneous Blue,Black Fibrous Bound	25%	Cellulose	50% 20% 5%	Vinyl Tar Mastic	<b>None Detected</b>
<b>F1.3B</b> A2186876	Sample Not Analyzed per COC						
<b>F1.4B</b> A2186877	Vsf	Heterogeneous Blue,Black Fibrous Bound	25%	Cellulose	50% 20% 5%	Vinyl Tar Mastic	<b>None Detected</b>
<b>F1.3C</b> A2186878	Sample Not Analyzed per COC						
<b>F1.4C</b> A2186879	Vsf	Heterogeneous Blue,Black Fibrous Bound	25%	Cellulose	50% 20% 5%	Vinyl Tar Mastic	<b>None Detected</b>
<b>F1.6A</b> A2186880	Vsf	Heterogeneous Gray,Tan Fibrous Bound			50% 20% 5%	Vinyl Binder Mastic	<b>25% Chrysotile</b>
<b>F1.6B</b> A2186881	Sample Not Analyzed per COC						
<b>F1.6C</b> A2186882	Sample Not Analyzed per COC						
<b>F1.8A</b> A2186883	Vsf	Heterogeneous Brown Fibrous Bound	25%	Cellulose	50% 20% 5%	Vinyl Binder Mastic	<b>None Detected</b>



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6097  
**Date Received:** 06-29-16  
**Date Analyzed:** 07-06-16  
**Date Reported:** 07-07-16

**Project:** Glacier Hotel - Bldgs A/B; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>F1.8B</b> A2186884	Vsf	Heterogeneous Brown Fibrous Bound	25%	Cellulose	50% 20% 5%	Vinyl Binder Mastic	<b>None Detected</b>
<b>F1.8C</b> A2186885	Vsf	Heterogeneous Brown Fibrous Bound	25%	Cellulose	50% 20% 5%	Vinyl Binder Mastic	<b>None Detected</b>
<b>F8.1A</b> Layer 1 A2186886	Ceramic Tile	Heterogeneous Gray Non-fibrous Bound			100%	Binder	<b>None Detected</b>
Layer 2 A2186886	Grout	Heterogeneous Gray Fibrous Bound	<1% <1%	Synthetic Fiber Fiberglass	80% 20%	Gravel Binder	<b>None Detected</b>
<b>F8.1B</b> Layer 1 A2186887	Ceramic Tile	Heterogeneous Gray Non-fibrous Bound			100%	Binder	<b>None Detected</b>
Layer 2 A2186887	Grout	Heterogeneous Gray Fibrous Bound	<1% <1%	Synthetic Fiber Fiberglass	80% 20%	Gravel Binder	<b>None Detected</b>
<b>F8.1C</b> Layer 1 A2186888	Ceramic Tile	Heterogeneous Gray Non-fibrous Bound			100%	Binder	<b>None Detected</b>





# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6097

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-07-16

**Project:** Glacier Hotel - Bldgs A/B; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
Layer 2 A2186888	Grout	Heterogeneous Gray Fibrous Bound	<1%	Synthetic Fiber	80%	Gravel	None Detected
			<1%	Fiberglass	20%	Binder	
M9.1A A2186889A	Ceramic Tile	Heterogeneous White Non-fibrous Bound			100%	Binder	None Detected
A2186889B	Adhesive	Heterogeneous Yellow Non-fibrous Bound			100%	Mastic	None Detected
M9.1B A2186890A	Ceramic Tile	Heterogeneous White Non-fibrous Bound			100%	Binder	None Detected
A2186890B	Adhesive	Heterogeneous Yellow Non-fibrous Bound			100%	Mastic	None Detected
M9.1C A2186891A	Ceramic Tile	Heterogeneous White Non-fibrous Bound			100%	Binder	None Detected
A2186891B	Adhesive	Heterogeneous Yellow Non-fibrous Bound			100%	Mastic	None Detected



---

**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:** Sarah Talley  
Sarah Talley

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

Mikaela Batta  
Mikaela Batta





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

# CHAIN OF CUSTODY

LAB USE ONLY:  
CEI Lab Code:  
CEI Lab I.D. Range:

## COMPANY CONTACT INFORMATION

Company <i>New Fields</i>	Client #: <i>26861</i>
Address: <i>1120 Cedar St.</i>	Job Contact: <i>Ryan McGee</i>
<i>Missoula, MT 59802</i>	Email: <i>rmcgee1763@gmail.com</i>
	Tel: <i>406-461-4037</i> + <i>j.schmichel@newfields.com</i>
Project Name: <i>Glacier Hotel - Bldgs A/B</i>	Fax:
Project ID #: <i>350.0229.002</i>	P.O. #:

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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLM POINT COUNT (400)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM POINT COUNT (1000)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM GRAVIMETRIC	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM GRAV w POINT COUNT	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PCM AIR	NIOSH 7400	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	AHERA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	EPA Level II	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	NIOSH 7402	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM BULK	CHATFIELD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST WIPE	ASTM D6480-05	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST MICROVAC	ASTM D5755-03	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM QUALITATIVE	CEI LABS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LEAD PAINT	METHOD	TURN AROUND TIME					
		4 HR*	8 HR*	24 HR	2 DAY	3 DAY	5 DAY
LEAD PAINT	EPA SW846 7000B	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LEAD WIPE	EPA SW846 7000B	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LEAD SOIL	EPA SW846 7000B	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LEAD AIR	NIOSH 7082	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER:	<i>TCLP</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

REMARKS: *Please Provide Positive-Step Analysis. Please also provide point count 400 for all samples < 170 asbestos*

☒ Accept Samples  
☐ Reject Samples

Relinquished By:	Date/Time	Received By:	Date/Time
<i>[Signature]</i>	<i>6/27/16 12pm</i>	<i>Fed Ex Carrier</i>	<i>6/27/16 12pm</i>
		<i>MA</i>	<i>6/29/16 9:10</i>

\* Call to confirm RUSH analysis.

Samples will be disposed of 30 days after analysis



## SAMPLING FORM

## COMPANY CONTACT INFORMATION

Company: <u>NewFields</u>	Job Contact: <u>Ryan McGee</u>
Project Name: <u>Glacier Hotel - Bldgs A/B</u>	Sample Date: <u>6/22 + 6/23</u>
Project ID #: <u>350.0029.002</u>	Tel: <u>406-461-4037</u>

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	COMMENTS
T2.1A (1)	Pipe joint insulation, basement		
T2.1B (2)			
T2.1C (3)			
M12.1A (4)	Brick & Mortar, exterior		
M12.1B (5)			
M12.1C (6)			
T2.3 A (7)	Strait pipe insulation, Basement		
T2.3 B (8)			
T2.3 C (9)			
M7.3 A (10)	Gray window caulking, Penthouse window		
M7.3 B (11)			
M7.3 C (12)			
M7.1 A (13)	Window glazing,		
M7.1 B (14)			
M7.1 C (15)			
F2.1A (16)	Floral tile diamond, Main floor storage		
F1.9A (17)	VSF brown		
F2.1B (18)	Floral tile diamond,		
F1.9B (19)	VSF brown,		
F2.1C (20)	Floral tile diamond,		
F1.9C (21)	VSF brown,		
M7.2 A (22)	Window glazing, Penthouse Bldg B		
M7.2 B (23)			
M7.2 C (24)			
T2.2A (25)	Pipe joint insulation, basement		
T2.2B (26)			
T2.2C (27)			
S4.1A (28)	Spray ceiling texture, Rm 216		
S4.1B (29)			
S4.1C (30)			





## SAMPLING FORM

## COMPANY CONTACT INFORMATION

Company: <u>NewFields</u>	Job Contact: <u>Ryan McGee</u>
Project Name: <u>Glacier Hotel - Bldgs A/B</u>	Sample Date: <u>6/22 + 6/23</u>
Project ID #:	Tel: <u>406-461-4037</u>

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	COMMENTS
M23.1A (31)	Expansion joint caulk, Between Bldg A & B		
M23.1B (32)	↓		
M23.1C (33)	↓		
R2.1A (34)	Roof flashing, black/gray, Silver paint		North
R2.1B (35)	↓		Middle
R2.1C (36)	↓		South
R4.1A (37)	Roof tar patch, white patch over black		Roof penetrations
R4.1B (38)	↓		↓
R4.1C (39)	↓		↓
R4.2A (40)	Roof tar patch, gray, roof Bover metal roof		West
R4.2B (41)	↓		Middle
R4.2C (42)	↓		East
R1.1A (43)	Flat built-up with Silver paint		building B awning
R1.1B (44)	↓		South of stairs
R1.1C (45)	↓		↓
S5.1A (46)	Plaster/skim coat, Rm 215		
S5.1B (47)	↓		
S5.1C (48)	↓		
S5.1D (49)	↓		
S5.1E (50)	↓		
S5.3A (51)	Plaster/skim coat, Rm 203		
S5.3B (52)	↓		
S5.3C (53)	↓		
S5.3D (54)	↓		
S5.3E (55)	↓		
S5.3F (56)	↓		
S5.3G (57)	↓		
F1.9A (58)	VSF, Moroccan print, Laundry		
F1.9B (59)	↓		
F1.9C (60)	↓		



## SAMPLING FORM

## COMPANY CONTACT INFORMATION

Company: <u>Newfields</u>	Job Contact: <u>Ryan McGee</u>
Project Name: <u>Glacier Hotel Bldgs A/B</u>	Sample Date: <u>6/22 &amp; 6/23</u>
Project ID #: <u>350.0029.002</u>	Tel: <u>406 461 4037</u>

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	COMMENTS
S5.2A (61)	Plaster rough skim ceiling, Rm 221		
S5.2B (62)	↓, Rm 216		
S5.2C (63)	↓, Rm 218		
S5.2D (64)	↓, Rm 110		
S5.2E (65)	↓, Rm 114		
M2.1A (66)	4" cream cove base, Women's bath		
M3.1A (67)	white adhesive, Women's bath		
M2.1B (68)	4" Cream CB, ↓		
M3.1B (69)	white adhesive, ↓		
M2.1C (70)	4" Cream CB, ↓		
M3.1C (71)	white adhesive, ↓		
S4.2A (72)	Spray surfacing over SR, 1st hall		
S4.2B (73)	↓		
S4.2C (74)	↓		
M3.2A (75)	Gold CB adhesive, Hall in front of 203		
M3.3A (76)	Black CB adhesive, ↓		
M3.2B (77)	Gold CB adhesive, Hall in front of 204		
M3.3B (78)	Black CB adhesive, ↓		
M3.2C (79)	Gold CB adhesive, Hall in front of 203		
M3.3C (80)	Black CB adhesive, ↓		
T12.1A (81)	Blown-in Insulation, Rm 204		
T12.1B (82)	↓, Rm 217		
T12.1C (83)	↓, Rm 214		
M1.1A (84)	Sheetrock JTC, ↓		
M1.1B (85)	↓		
M1.1C (86)	↓		
R6.1A (87)	Rollled asphalt, Roof A		
R1.1A (88)	Flat built-up, Roof A		
R6.1B (89)	Rollled asphalt, ↓		
R1.1B (90)	Flat built-up, ↓		



## SAMPLING FORM

## COMPANY CONTACT INFORMATION

Company: <u>Newfields</u>	Job Contact: <u>Ryan McGee</u>
Project Name: <u>Glacier Hotel Bldgs A/B</u>	Sample Date: <u>6/22 &amp; 6/23</u>
Project ID #: <u>350.0029.002</u>	Tel: <u>406 461 4037</u>

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	COMMENTS
R6.1C (91)	Roller asphalt, Roof A		
R1.1C (92)	Flat built-up		
R3.1A (93)	Silver paint/roof tar,		
R3.1B (94)	↓		
R3.1C (95)	↓		
F1.2A (96)	VSF green diamond, bathroom		
F1.2B (97)	↓		
F1.2C (98)	↓		
F1.1A (99)	VSF brown diamond, women's bath		
F1.1B (100)	↓		
F1.1C (101)	↓		
M1.2A (102)	Sheetrock JTC, Main floor hall		
M1.2B (103)	↓, meeting room		
M1.2C (104)	↓, Hall		
F1.5A (105)	Light gray/cream pebble pattern, Rm 204		
F1.5B (106)	↓, 2nd floor closet		
F1.5C (107)	↓, Rm 205		
F1.7A (108)	VSF Gold, Rm 212		
F1.7B (109)	↓		
F1.7C (110)	↓		
F1.3A (111)	VSF white marble pattern, Rm 202		
F1.4A (112)	VSF blue with black backing, Rm 202		
F1.3B (113)	VSF white marble, Rm 201		
F1.4B (114)	VSF blue with black backing, Rm 201		
F1.3C (115)	VSF white marble,		
F1.4C (116)	VSF blue with black backing ↓		
F1.6A (117)	VSF gray/tan chip,		
F1.6B (118)	↓		
F1.6C (119)	↓		

**COMPANY CONTACT INFORMATION**

Company: <u>Newfields</u>	Job Contact: <u>Ryan McGee</u>
Project Name: <u>Glacier Hotel Bldgs A/B</u>	Sample Date: <u>6/22 &amp; 6/23</u>
Project ID #: <u>350.0029.002</u>	Tel: <u>406 461 4037</u>

Page 5 of 5



July 6, 2016

NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CLIENT PROJECT:** Glacier Hotel - Bar/Lounge; 350.0229.002  
**CEI LAB CODE:** A16-6101

Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on June 29, 2016. 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", written in a cursive style.

Tianbao Bai, Ph.D., CIH  
Laboratory Director







---

## **ASBESTOS ANALYTICAL REPORT**

### **By: Polarized Light Microscopy**

**Prepared for**

**NewFields**

---

CLIENT PROJECT: Glacier Hotel - Bar/Lounge; 350.0229.002

CEI LAB CODE: A16-6101

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

REPORT DATE: 07/06/16

TOTAL SAMPLES ANALYZED: 129

# SAMPLES >1% ASBESTOS: 4

**TEL: 866-481-1412**

***www.ceilabs.com***



# Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** Glacier Hotel - Bar/Lounge; 350.0229.002 **CEI LAB CODE:** A16-6101

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
R3.1A 1	Layer 1	A2187153	Silver	Paint	Chrysotile 3%
	Layer 2	A2187153	Black	Roof Coat	Chrysotile 10%
R3.1B 2		A2187154		Sample Not Analyzed per COC	
R3.1C 3		A2187155		Sample Not Analyzed per COC	
M8.1A 4	Layer 1	A2187156	Gray	Window Caulking	None Detected
	Layer 2	A2187156	Black	Window Caulking	None Detected
M8.1B 5	Layer 1	A2187157	Gray	Window Caulking	None Detected
	Layer 2	A2187157	Black	Window Caulking	None Detected
M8.1C 6	Layer 1	A2187158	Gray	Window Caulking	None Detected
	Layer 2	A2187158	Black	Window Caulking	None Detected
M4.1A 7	Layer 1	A2187159	Tan,Gray	Tile	None Detected
	Layer 2	A2187159	Brown	Adhesive	None Detected
M4.1B 8	Layer 1	A2187160	Tan,Gray	Tile	None Detected
	Layer 2	A2187160	Brown	Adhesive	None Detected
M4.1C 9	Layer 1	A2187161	Tan,Gray	Tile	None Detected
	Layer 2	A2187161	Brown	Adhesive	None Detected
R5.1A 10		A2187162	Gray,Black	Asphalt Shingle	None Detected
R5.1B 11		A2187163	Gray,Black	Asphalt Shingle	None Detected
R5.1C 12		A2187164	Gray,Black	Asphalt Shingle	None Detected
M23.1A 13		A2187165	Black	Threshold	None Detected
F9.2A 14		A2187166	Off-white,Beige	Adhesive	None Detected
M23.1B 15		A2187167	Black	Threshold	None Detected
F9.2B 16		A2187168	Off-white,Beige	Adhesive	None Detected
M23.1C 17		A2187169	Black	Threshold	None Detected
F9.2C 18		A2187170	Off-white,Beige	Adhesive	None Detected
M12.2A 19	Layer 1	A2187171	Off-white,Beige	CMU	None Detected
	Layer 2	A2187171	Gray	Mortar	None Detected
M12.2B 20	Layer 1	A2187172	Off-white,Beige	CMU	None Detected
	Layer 2	A2187172	Gray	Mortar	None Detected
M12.2C 21	Layer 1	A2187173	Off-white,Beige	CMU	None Detected
	Layer 2	A2187173	Gray	Mortar	None Detected



# Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** Glacier Hotel - Bar/Lounge; 350.0229.002 **CEI LAB CODE:** A16-6101

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
R2.1A 22		A2187174	Black	Flashing	Chrysotile 5%
R2.1B 23		A2187175		Sample Not Analyzed per COC	
R2.1C 24		A2187176		Sample Not Analyzed per COC	
F2.1A 25		A2187177	Red	Floor Tile	None Detected
F5.2A 26		A2187178	Yellow	Mastic	None Detected
F2.1B 27		A2187179	Red	Floor Tile	None Detected
F5.2B 28		A2187180	Yellow	Mastic	None Detected
F2.1C 29		A2187181	Red	Floor Tile	None Detected
F5.2C 30		A2187182	Yellow	Mastic	None Detected
M11.2A 31		A2187183	Gray	Concrete	None Detected
M11.2B 32		A2187184	Gray	Concrete	None Detected
M11.2C 33		A2187185	Gray	Concrete	None Detected
M12.3A 34	Layer 1	A2187186	Red	Brick	None Detected
	Layer 2	A2187186	Gray	Mortar	None Detected
M12.3B 35	Layer 1	A2187187	Red	Brick	None Detected
	Layer 2	A2187187	Gray	Mortar	None Detected
M12.3C 36	Layer 1	A2187188	Red	Brick	None Detected
	Layer 2	A2187188	Gray	Mortar	None Detected
S6.1A 37	Layer 1	A2187189	Off-white	Stucco	None Detected
	Layer 2	A2187189	Gray	Stucco	None Detected
S6.1B 38	Layer 1	A2187190	Off-white	Stucco	None Detected
	Layer 2	A2187190	Gray	Stucco	None Detected
S6.1C 39	Layer 1	A2187191	Off-white	Stucco	None Detected
	Layer 2	A2187191	Gray	Stucco	None Detected
M6.1A 40		A2187192	Tan	Ceiling Tile	None Detected
S4.1A 41		A2187193	White,Off-white	Spray-on Texture	Chrysotile 3%
M6.1B 42		A2187194	Tan	Ceiling Tile	None Detected
S4.1B 43		A2187195		Sample Not Analyzed per COC	
M6.1C 44		A2187196	Tan	Ceiling Tile	None Detected
S4.1C 45		A2187197		Sample Not Analyzed per COC	
M12.1A 46	Layer 1	A2187198	White,Gray	Brick	None Detected



# Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** Glacier Hotel - Bar/Lounge; 350.0229.002 **CEI LAB CODE:** A16-6101

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
	Layer 2	A2187198	White,Gray	Mortar	None Detected
M12.1B 47	Layer 1	A2187199	White,Gray	Brick	None Detected
	Layer 2	A2187199	White,Gray	Mortar	None Detected
M12.1C 48	Layer 1	A2187200	White,Gray	Brick	None Detected
	Layer 2	A2187200	White,Gray	Mortar	None Detected
M5.2A 49		A2187201	White,Gray	Ceiling Tile	None Detected
M5.2B 50		A2187202	White,Gray	Ceiling Tile	None Detected
M5.2C 51		A2187203	White,Gray	Ceiling Tile	None Detected
F5.1A 52		A2187204	Black	Mastic	None Detected
F5.1B 53		A2187205	Black	Mastic Only	None Detected
F5.1C 54		A2187206	Black	Mastic	None Detected
M5.1A 55		A2187207	White,Gray	Ceiling Tile	None Detected
M5.1B 56		A2187208	White,Gray	Ceiling Tile	None Detected
M5.1C 57		A2187209	White,Gray	Ceiling Tile	None Detected
M2.1A 58		A2187210	Off-white	Covebase	None Detected
M3.1A 59		A2187211	Cream	Adhesive	None Detected
M3.2A 60		A2187212	Brown	Adhesive	None Detected
M2.1B 61		A2187213	Off-white	Covebase	None Detected
M3.1B 62		A2187214	Cream	Adhesive	None Detected
M3.2B 63		A2187215	Brown	Adhesive	None Detected
M2.1C 64		A2187216	Off-white	Covebase	None Detected
M3.1C 65		A2187217	Cream	Adhesive	None Detected
M3.2C 66		A2187218	Brown	Adhesive	None Detected
F2.2A 67		A2187219	Blue	Floor Tile	None Detected
F2.2B 68		A2187220	Blue	Floor Tile	None Detected
F2.2C 69		A2187221	Blue	Floor Tile	None Detected
M11.1A 70		A2187222	Gray	Concrete	None Detected
M11.1B 71		A2187223	Gray	Concrete	None Detected
M11.1C 72		A2187224	Gray	Concrete	None Detected
M16.1A 73		A2187225	Black	Moisture Barrier	None Detected
M16.1B 74		A2187226	Black	Moisture Barrier	None Detected



# Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** Glacier Hotel - Bar/Lounge; 350.0229.002    **CEI LAB CODE:** A16-6101

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
M16.1C 75		A2187227	Black	Moisture Barrier	None Detected
F2.3A 76		A2187228	Off-white	Floor Tile	None Detected
F2.3B 77		A2187229	Off-white	Floor Tile	None Detected
F2.3C 78		A2187230	Off-white	Floor Tile	None Detected
F6.2A 79	Layer 1	A2187231	Off-white,Black	Carpet Tiles	None Detected
	Layer 2	A2187231	Yellow,Clear	Adhesive	None Detected
F6.2B 80	Layer 1	A2187232	Off-white,Black	Carpet Tiles	None Detected
	Layer 2	A2187232	Yellow,Clear	Adhesive	None Detected
F6.2C 81	Layer 1	A2187233	Off-white,Black	Carpet Tiles	None Detected
	Layer 2	A2187233	Yellow,Clear	Adhesive	None Detected
F9.1A 134		A2187234	Off-white,Beige	Stair Protector	None Detected
F9.1B 135		A2187235	Off-white,Beige	Stair Protector	None Detected
F9.1C 136		A2187236	Off-white,Beige	Stair Protector	None Detected
T14.1A 82		A2187237	Yellow,Brown	Fiberglass/paperback Insulation	None Detected
T14.1B 83		A2187238	Yellow,Brown	Fiberglass/paperback Insulation	None Detected
T14.1C 84		A2187239	Yellow,Brown	Fiberglass/paperback Insulation	None Detected
F1.1A 85		A2187240	White,Green	Sheet Flooring	None Detected
F1.1B 86		A2187241	White,Green	Sheet Flooring	None Detected
F1.1C 87		A2187242	White,Green	Sheet Flooring	None Detected
F1.3A 88		A2187243	Gray,Off-white	Sheet Flooring	None Detected
F1.3B 89		A2187244	Gray,Off-white	Sheet Flooring	None Detected
F1.3C 90		A2187245	Gray,Off-white	Sheet Flooring	None Detected
F6.1A 91		A2187246	Yellow	Carpet Adhesive	None Detected
F6.1B 92		A2187247	Yellow	Carpet Adhesive	None Detected
F6.1C 93		A2187248	Yellow	Carpet Adhesive	None Detected
M15.2A 94		A2187249	Tan	Panel Adhesive	None Detected
M15.2B 95		A2187250	Tan	Panel Adhesive	None Detected
M15.2C 96		A2187251	Tan	Panel Adhesive	None Detected
S5.3A 97		A2187252	Yellow,Gray	Plaster	None Detected
M1.1A 98		A2187253	Tan,White	Sheetrock	None Detected
S5.3B 99		A2187254	Yellow,Gray	Plaster	None Detected





# Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** Glacier Hotel - Bar/Lounge; 350.0229.002    **CEI LAB CODE:** A16-6101

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
M1.1B 100		A2187255	Tan,White	Sheetrock	None Detected
S5.3C 101		A2187256	Yellow,Gray	Plaster	None Detected
M1.1B 102		A2187257	Tan,White	Sheetrock	None Detected
M15.1A 103		A2187258	Brown	Panel Adhesive	None Detected
M15.1B 104		A2187259	Brown	Panel Adhesive	None Detected
M15.1C 105		A2187260	Brown	Panel Adhesive	None Detected
F9.3A 106		A2187261	Tan	Glass Adhesive	None Detected
F9.3B 107		A2187262	Tan	Glass Adhesive	None Detected
F9.3C 108		A2187263	Tan	Glass Adhesive	None Detected
T14.3A 109		A2187264	White,Silver	Foil Backed Fiberglass Insulation	None Detected
T14.3B 110		A2187265	White,Silver	Foil Backed Fiberglass Insulation	None Detected
T14.3C 111		A2187266	White,Silver	Foil Backed Fiberglass Insulation	None Detected
S5.1A 112		A2187267	Off-white	Plaster	None Detected
S5.1B 113		A2187268	Off-white	Plaster	None Detected
S5.1C 114		A2187269	Off-white	Plaster	None Detected
T14.2A 115		A2187270	Pink,Brown	Paper Back Fiberglass Insulation	None Detected
T14.2B 116		A2187271	Pink,Brown	Paper Back Fiberglass Insulation	None Detected
T14.2C 117		A2187272	Pink,Brown	Paper Back Fiberglass Insulation	None Detected
S5.2A 118		A2187273	Blue,Gray	Concrete Plaster	None Detected
S5.2B 119		A2187274	Blue,Gray	Concrete Plaster	None Detected
S5.2C 120		A2187275	Blue,Gray	Concrete Plaster	None Detected
F1.2A 121		A2187276	White,Gray	Sheet Flooring	None Detected
F1.2B 122		A2187277	White,Gray	Sheet Flooring	None Detected
F1.2C 123		A2187278	White,Gray	Sheet Flooring	None Detected
F1.4A 124		A2187279	Yellow,Brown	Sheet Flooring	None Detected
F1.4B 125		A2187280	Yellow,Brown	Sheet Flooring	None Detected
F1.4C 126		A2187281	Yellow,Brown	Sheet Flooring	None Detected
M2.2A 127		A2187282	Brown	Covebase	None Detected
M2.2B 128		A2187283	Brown	Covebase	None Detected
M2.2C 129		A2187284	Brown	Covebase	None Detected
R6.2A		A2187285	Gray,Black	Rolled Roofing	None Detected



## Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** Glacier Hotel - Bar/Lounge; 350.0229.002    **CEI LAB CODE:** A16-6101

---

---

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
R6.2B		A2187286	Gray,Black	Rolled Roofing	None Detected
R6.2C		A2187287	Gray,Black	Rolled Roofing	None Detected



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6101

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-06-16

**Project:** Glacier Hotel - Bar/Lounge; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>R3.1A 1</b> Layer 1 A2187153	Paint	Heterogeneous Silver Fibrous Bound	2%	Cellulose	90% 5%	Paint Tar	<b>3% Chrysotile</b>
Layer 2 A2187153	Roof Coat	Heterogeneous Black Fibrous Bound	5%	Cellulose	85%	Tar	<b>10% Chrysotile</b>
<b>R3.1B 2</b> A2187154	Sample Not Analyzed per COC						
<b>R3.1C 3</b> A2187155	Sample Not Analyzed per COC						
<b>M8.1A 4</b> Layer 1 A2187156	Window Caulking	Heterogeneous Gray Fibrous Bound	2%	Cellulose	98%	Caulk	<b>None Detected</b>
Layer 2 A2187156	Window Caulking	Heterogeneous Black Non-fibrous Bound			100%	Vinyl	<b>None Detected</b>
<b>M8.1B 5</b> Layer 1 A2187157	Window Caulking	Heterogeneous Gray Fibrous Bound	2%	Cellulose	98%	Caulk	<b>None Detected</b>
Layer 2 A2187157	Window Caulking	Heterogeneous Black Non-fibrous Bound			100%	Vinyl	<b>None Detected</b>



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6101

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-06-16

**Project:** Glacier Hotel - Bar/Lounge; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
M8.1C 6 Layer 1 A2187158	Window Caulking	Heterogeneous Gray Fibrous Bound	2%	Cellulose	98%	Caulk	None Detected
Layer 2 A2187158	Window Caulking	Heterogeneous Black Non-fibrous Bound			100%	Vinyl	None Detected
M4.1A 7 Layer 1 A2187159	Tile	Heterogeneous Tan,Gray Fibrous Bound	50% 40%	Cellulose Fiberglass	5% 5%	Paint Binder	None Detected
Layer 2 A2187159	Adhesive	Heterogeneous Brown Fibrous Bound	3% 2%	Cellulose Fiberglass	95%	Mastic	None Detected
M4.1B 8 Layer 1 A2187160	Tile	Heterogeneous Tan,Gray Fibrous Bound	50% 40%	Cellulose Fiberglass	5% 5%	Paint Binder	None Detected
Layer 2 A2187160	Adhesive	Heterogeneous Brown Fibrous Bound	3% 2%	Cellulose Fiberglass	95%	Mastic	None Detected
M4.1C 9 Layer 1 A2187161	Tile	Heterogeneous Tan,Gray Fibrous Bound	50% 40%	Cellulose Fiberglass	5% 5%	Paint Binder	None Detected



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6101

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-06-16

**Project:** Glacier Hotel - Bar/Lounge; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
Layer 2 A2187161	Adhesive	Heterogeneous Brown Fibrous Bound	3% 2%	Cellulose Fiberglass	95%	Mastic	None Detected
R5.1A 10 A2187162	Asphalt Shingle	Heterogeneous Gray,Black Fibrous Bound	35%	Synthetic Fiber	35% 30%	Tar Gravel	None Detected
R5.1B 11 A2187163	Asphalt Shingle	Heterogeneous Gray,Black Fibrous Bound	35%	Synthetic Fiber	35% 30%	Tar Gravel	None Detected
R5.1C 12 A2187164	Asphalt Shingle	Heterogeneous Gray,Black Fibrous Bound	35%	Synthetic Fiber	35% 30%	Tar Gravel	None Detected
M23.1A 13 A2187165	Threshold	Heterogeneous Black Non-fibrous Bound			100%	Vinyl	None Detected
F9.2A 14 A2187166	Adhesive	Heterogeneous Off-white,Beige Fibrous Bound	2%	Cellulose	98%	Mastic	None Detected
M23.1B 15 A2187167	Threshold	Heterogeneous Black Non-fibrous Bound			100%	Vinyl	None Detected





# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6101

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-06-16

**Project:** Glacier Hotel - Bar/Lounge; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>F9.2B 16</b> A2187168	Adhesive	Heterogeneous Off-white,Beige Fibrous Bound	2%	Cellulose	98%	Mastic	<b>None Detected</b>
<b>M23.1C 17</b> A2187169	Threshold	Heterogeneous Black Non-fibrous Bound			100%	Vinyl	<b>None Detected</b>
<b>F9.2C 18</b> A2187170	Adhesive	Heterogeneous Off-white,Beige Fibrous Bound	2%	Cellulose	98%	Mastic	<b>None Detected</b>
<b>M12.2A 19</b> Layer 1 A2187171	CMU	Heterogeneous Off-white,Beige Fibrous Bound	2%	Cellulose	50% 48%	Silicates Binder	<b>None Detected</b>
Layer 2 A2187171	Mortar	Heterogeneous Gray Fibrous Bound	2%	Cellulose	50% 48%	Silicates Binder	<b>None Detected</b>
<b>M12.2B 20</b> Layer 1 A2187172	CMU	Heterogeneous Off-white,Beige Fibrous Bound	2%	Cellulose	50% 48%	Silicates Binder	<b>None Detected</b>
Layer 2 A2187172	Mortar	Heterogeneous Gray Fibrous Bound	2%	Cellulose	50% 48%	Silicates Binder	<b>None Detected</b>



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6101

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-06-16

**Project:** Glacier Hotel - Bar/Lounge; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>M12.2C 21</b> Layer 1 A2187173	CMU	Heterogeneous	2%	Cellulose	50%	Silicates	None Detected
		Off-white, Beige Fibrous Bound			48%	Binder	
Layer 2 A2187173	Mortar	Heterogeneous	2%	Cellulose	50%	Silicates	None Detected
		Gray Fibrous Bound			48%	Binder	
<b>R2.1A 22</b> A2187174	Flashing	Heterogeneous Black Fibrous Bound	5%	Cellulose	90%	Tar	5% Chrysotile
<b>R2.1B 23</b> A2187175	Sample Not Analyzed per COC						
<b>R2.1C 24</b> A2187176	Sample Not Analyzed per COC						
<b>F2.1A 25</b> A2187177	Floor Tile	Heterogeneous	2%	Cellulose	50%	Vinyl	None Detected
		Red Fibrous Bound			48%	Binder	
<b>F5.2A 26</b> A2187178	Mastic	Heterogeneous	2%	Cellulose	98%	Mastic	None Detected
		Yellow Fibrous Bound					
<b>F2.1B 27</b> A2187179	Floor Tile	Heterogeneous	2%	Cellulose	50%	Vinyl	None Detected
		Red Fibrous Bound			48%	Binder	



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6101

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-06-16

**Project:** Glacier Hotel - Bar/Lounge; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
F5.2B 28 A2187180	Mastic	Heterogeneous Yellow Fibrous Bound	2%	Cellulose	98%	Mastic	None Detected
F2.1C 29 A2187181	Floor Tile	Heterogeneous Red Fibrous Bound	2%	Cellulose	50% 48%	Vinyl Binder	None Detected
F5.2C 30 A2187182	Mastic	Heterogeneous Yellow Fibrous Bound	2%	Cellulose	98%	Mastic	None Detected
M11.2A 31 A2187183	Concrete	Heterogeneous Gray Fibrous Bound	2%	Cellulose	70% 28%	Silicates Binder	None Detected
M11.2B 32 A2187184	Concrete	Heterogeneous Gray Fibrous Bound	2%	Cellulose	70% 28%	Silicates Binder	None Detected
M11.2C 33 A2187185	Concrete	Heterogeneous Gray Fibrous Bound	2%	Cellulose	70% 28%	Silicates Binder	None Detected
M12.3A 34 Layer 1 A2187186	Brick	Heterogeneous Red Fibrous Bound	2%	Cellulose	80% 18%	Silicates Binder	None Detected



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6101

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-06-16

**Project:** Glacier Hotel - Bar/Lounge; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
Layer 2 A2187186	Mortar	Heterogeneous Gray Fibrous Bound	2%	Cellulose	50% 48%	Silicates Binder	None Detected
M12.3B 35 Layer 1 A2187187	Brick	Heterogeneous Red Fibrous Bound	2%	Cellulose	80% 18%	Silicates Binder	None Detected
Layer 2 A2187187	Mortar	Heterogeneous Gray Fibrous Bound	2%	Cellulose	50% 48%	Silicates Binder	None Detected
M12.3C 36 Layer 1 A2187188	Brick	Heterogeneous Red Fibrous Bound	2%	Cellulose	80% 18%	Silicates Binder	None Detected
Layer 2 A2187188	Mortar	Heterogeneous Gray Fibrous Bound	2%	Cellulose	50% 48%	Silicates Binder	None Detected
S6.1A 37 Layer 1 A2187189	Stucco	Heterogeneous Off-white Fibrous Bound	2%	Cellulose	50% 48%	Silicates Binder	None Detected
Layer 2 A2187189	Stucco	Heterogeneous Gray Fibrous Bound	2%	Cellulose	50% 48%	Silicates Binder	None Detected



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6101

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-06-16

**Project:** Glacier Hotel - Bar/Lounge; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>S6.1B 38</b> Layer 1 A2187190	Stucco	Heterogeneous Off-white Fibrous Bound	2%	Cellulose	50% 48%	Silicates Binder	<b>None Detected</b>
Layer 2 A2187190	Stucco	Heterogeneous Gray Fibrous Bound	2%	Cellulose	50% 48%	Silicates Binder	<b>None Detected</b>
<b>S6.1C 39</b> Layer 1 A2187191	Stucco	Heterogeneous Off-white Fibrous Bound	2%	Cellulose	50% 48%	Silicates Binder	<b>None Detected</b>
Layer 2 A2187191	Stucco	Heterogeneous Gray Fibrous Bound	2%	Cellulose	50% 48%	Silicates Binder	<b>None Detected</b>
<b>M6.1A 40</b> A2187192	Ceiling Tile	Heterogeneous Tan Fibrous Bound	90%	Cellulose	5% 5%	Binder Paint	<b>None Detected</b>
<b>S4.1A 41</b> A2187193	Spray-on Texture	Heterogeneous White,Off-white Fibrous Bound	2%	Cellulose	5% 40% 50%	Paint Vermiculite Calc Carb	<b>3% Chrysotile</b>
<b>M6.1B 42</b> A2187194	Ceiling Tile	Heterogeneous Tan Fibrous Bound	90%	Cellulose	5% 5%	Binder Paint	<b>None Detected</b>
<b>S4.1B 43</b> A2187195	Sample Not Analyzed per COC						





# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6101

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-06-16

**Project:** Glacier Hotel - Bar/Lounge; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>M6.1C 44</b> A2187196	Ceiling Tile	Heterogeneous Tan Fibrous Bound	90%	Cellulose	5%	Binder Paint	<b>None Detected</b>
<b>S4.1C 45</b> A2187197	Sample Not Analyzed per COC						
<b>M12.1A 46</b> Layer 1 A2187198	Brick	Heterogeneous White,Gray Fibrous Bound	2%	Cellulose	50% 45% 3%	Silicates Binder Paint	<b>None Detected</b>
Layer 2 A2187198	Mortar	Heterogeneous White,Gray Fibrous Bound	2%	Cellulose	50% 45% 3%	Silicates Binder Paint	<b>None Detected</b>
<b>M12.1B 47</b> Layer 1 A2187199	Brick	Heterogeneous White,Gray Fibrous Bound	2%	Cellulose	50% 45% 3%	Silicates Binder Paint	<b>None Detected</b>
Layer 2 A2187199	Mortar	Heterogeneous White,Gray Fibrous Bound	2%	Cellulose	50% 45% 3%	Silicates Binder Paint	<b>None Detected</b>
<b>M12.1C 48</b> Layer 1 A2187200	Brick	Heterogeneous White,Gray Fibrous Bound	2%	Cellulose	50% 45% 3%	Silicates Binder Paint	<b>None Detected</b>
Layer 2 A2187200	Mortar	Heterogeneous White,Gray Fibrous Bound	2%	Cellulose	50% 45% 3%	Silicates Binder Paint	<b>None Detected</b>



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6101

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-06-16

**Project:** Glacier Hotel - Bar/Lounge; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>M5.2A 49</b> A2187201	Ceiling Tile	Heterogeneous	50%	Cellulose	35%	Perlite	<b>None Detected</b>
		White,Gray	10%	Fiberglass	5%	Paint	
		Fibrous					
		Bound					
<b>M5.2B 50</b> A2187202	Ceiling Tile	Heterogeneous	50%	Cellulose	35%	Perlite	<b>None Detected</b>
		White,Gray	10%	Fiberglass	5%	Paint	
		Fibrous					
		Bound					
<b>M5.2C 51</b> A2187203	Ceiling Tile	Heterogeneous	50%	Cellulose	35%	Perlite	<b>None Detected</b>
		White,Gray	10%	Fiberglass	5%	Paint	
		Fibrous					
		Bound					
<b>F5.1A 52</b> A2187204	Mastic	Heterogeneous	2%	Cellulose	98%	Mastic	<b>None Detected</b>
		Black					
		Fibrous					
		Bound					
<b>F5.1B 53</b> A2187205	Mastic Only	Heterogeneous	2%	Cellulose	98%	Mastic	<b>None Detected</b>
		Black					
		Fibrous					
		Bound					
<b>F5.1C 54</b> A2187206	Mastic	Heterogeneous	2%	Cellulose	98%	Mastic	<b>None Detected</b>
		Black					
		Fibrous					
		Bound					
<b>M5.1A 55</b> A2187207	Ceiling Tile	Heterogeneous	50%	Cellulose	35%	Perlite	<b>None Detected</b>
		White,Gray	10%	Fiberglass	5%	Paint	
		Fibrous					
		Bound					



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6101

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-06-16

**Project:** Glacier Hotel - Bar/Lounge; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>M5.1B 56</b> A2187208	Ceiling Tile	Heterogeneous	50%	Cellulose	35%	Perlite	<b>None Detected</b>
		White,Gray Fibrous Bound	10%	Fiberglass	5%	Paint	
<b>M5.1C 57</b> A2187209	Ceiling Tile	Heterogeneous	50%	Cellulose	35%	Perlite	<b>None Detected</b>
		White,Gray Fibrous Bound	10%	Fiberglass	5%	Paint	
<b>M2.1A 58</b> A2187210	Covebase	Heterogeneous			100%	Vinyl	<b>None Detected</b>
		Off-white Non-fibrous Bound					
<b>M3.1A 59</b> A2187211	Adhesive	Heterogeneous	2%	Cellulose	98%	Mastic	<b>None Detected</b>
		Cream Fibrous Bound					
<b>M3.2A 60</b> A2187212	Adhesive	Heterogeneous	2%	Cellulose	98%	Mastic	<b>None Detected</b>
		Brown Fibrous Bound					
<b>M2.1B 61</b> A2187213	Covebase	Heterogeneous			100%	Vinyl	<b>None Detected</b>
		Off-white Non-fibrous Bound					
<b>M3.1B 62</b> A2187214	Adhesive	Heterogeneous	2%	Cellulose	98%	Mastic	<b>None Detected</b>
		Cream Fibrous Bound					



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6101

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-06-16

**Project:** Glacier Hotel - Bar/Lounge; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
M3.2B 63 A2187215	Adhesive	Heterogeneous Brown Fibrous Bound	2%	Cellulose	98%	Mastic	None Detected
M2.1C 64 A2187216	Covebase	Heterogeneous Off-white Non-fibrous Bound			100%	Vinyl	None Detected
M3.1C 65 A2187217	Adhesive	Heterogeneous Cream Fibrous Bound	2%	Cellulose	98%	Mastic	None Detected
M3.2C 66 A2187218	Adhesive	Heterogeneous Brown Fibrous Bound	2%	Cellulose	98%	Mastic	None Detected
F2.2A 67 A2187219	Floor Tile	Heterogeneous Blue Fibrous Bound	2%	Cellulose	50% 48%	Vinyl Binder	None Detected
F2.2B 68 A2187220	Floor Tile	Heterogeneous Blue Fibrous Bound	2%	Cellulose	50% 48%	Vinyl Binder	None Detected
F2.2C 69 A2187221	Floor Tile	Heterogeneous Blue Fibrous Bound	2%	Cellulose	50% 48%	Vinyl Binder	None Detected



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6101

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-06-16

**Project:** Glacier Hotel - Bar/Lounge; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
M11.1A 70 A2187222	Concrete	Heterogeneous Gray Fibrous Bound	2%	Cellulose	70% 28%	Silicates Binder	None Detected
M11.1B 71 A2187223	Concrete	Heterogeneous Gray Fibrous Bound	2%	Cellulose	70% 28%	Silicates Binder	None Detected
M11.1C 72 A2187224	Concrete	Heterogeneous Gray Fibrous Bound	2%	Cellulose	70% 28%	Silicates Binder	None Detected
M16.1A 73 A2187225	Moisture Barrier	Heterogeneous Black Fibrous Bound	90%	Cellulose	10%	Tar	None Detected
M16.1B 74 A2187226	Moisture Barrier	Heterogeneous Black Fibrous Bound	90%	Cellulose	10%	Tar	None Detected
M16.1C 75 A2187227	Moisture Barrier	Heterogeneous Black Fibrous Bound	90%	Cellulose	10%	Tar	None Detected
F2.3A 76 A2187228	Floor Tile	Heterogeneous Off-white Fibrous Bound	2%	Cellulose	50% 48%	Vinyl Binder	None Detected





# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6101

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-06-16

**Project:** Glacier Hotel - Bar/Lounge; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>F2.3B 77</b> A2187229	Floor Tile	Heterogeneous Off-white Fibrous Bound	2%	Cellulose	50% 48%	Vinyl Binder	<b>None Detected</b>
<b>F2.3C 78</b> A2187230	Floor Tile	Heterogeneous Off-white Fibrous Bound	2%	Cellulose	50% 48%	Vinyl Binder	<b>None Detected</b>
<b>F6.2A 79</b> Layer 1 A2187231	Carpet Tiles	Heterogeneous Off-white,Black Fibrous Bound	30%	Synthetic Fiber	70%	Rubber	<b>None Detected</b>
Layer 2 A2187231	Adhesive	Heterogeneous Yellow,Clear Fibrous Bound	2% 2%	Cellulose Synthetic Fiber	96%	Mastic	<b>None Detected</b>
<b>F6.2B 80</b> Layer 1 A2187232	Carpet Tiles	Heterogeneous Off-white,Black Fibrous Bound	30%	Synthetic Fiber	70%	Rubber	<b>None Detected</b>
Layer 2 A2187232	Adhesive	Heterogeneous Yellow,Clear Fibrous Bound	2% 2%	Cellulose Synthetic Fiber	96%	Mastic	<b>None Detected</b>
<b>F6.2C 81</b> Layer 1 A2187233	Carpet Tiles	Heterogeneous Off-white,Black Fibrous Bound	30%	Synthetic Fiber	70%	Rubber	<b>None Detected</b>



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6101

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-06-16

**Project:** Glacier Hotel - Bar/Lounge; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
Layer 2 A2187233	Adhesive	Heterogeneous Yellow,Clear Fibrous Bound	2% 2%	Cellulose Synthetic Fiber	96% Mastic		None Detected
F9.1A 134 A2187234	Stair Protector	Heterogeneous Off-white,Beige Non-fibrous Bound			100% Vinyl		None Detected
F9.1B 135 A2187235	Stair Protector	Heterogeneous Off-white,Beige Non-fibrous Bound			100% Vinyl		None Detected
F9.1C 136 A2187236	Stair Protector	Heterogeneous Off-white,Beige Non-fibrous Bound			100% Vinyl		None Detected
T14.1A 82 A2187237	Fiberglass/paperback Insulation	Heterogeneous Yellow,Brown Fibrous Bound	80% 15%	Fiberglass Cellulose	5% Tar		None Detected
T14.1B 83 A2187238	Fiberglass/paperback Insulation	Heterogeneous Yellow,Brown Fibrous Bound	80% 15%	Fiberglass Cellulose	5% Tar		None Detected
T14.1C 84 A2187239	Fiberglass/paperback Insulation	Heterogeneous Yellow,Brown Fibrous Bound	80% 15%	Fiberglass Cellulose	5% Tar		None Detected



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6101

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-06-16

**Project:** Glacier Hotel - Bar/Lounge; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
F1.1A 85 A2187240	Sheet Flooring	Heterogeneous	35%	Cellulose	50%	Vinyl	None Detected
		White,Green	10%	Fiberglass	5%	Mastic	
		Fibrous					
		Bound					
F1.1B 86 A2187241	Sheet Flooring	Heterogeneous	35%	Cellulose	50%	Vinyl	None Detected
		White,Green	10%	Fiberglass	5%	Mastic	
		Fibrous					
		Bound					
F1.1C 87 A2187242	Sheet Flooring	Heterogeneous	35%	Cellulose	50%	Vinyl	None Detected
		White,Green	10%	Fiberglass	5%	Mastic	
		Fibrous					
		Bound					
F1.3A 88 A2187243	Sheet Flooring	Heterogeneous	35%	Cellulose	50%	Vinyl	None Detected
		Gray,Off-white	10%	Fiberglass	5%	Mastic	
		Fibrous					
		Bound					
F1.3B 89 A2187244	Sheet Flooring	Heterogeneous	35%	Cellulose	50%	Vinyl	None Detected
		Gray,Off-white	10%	Fiberglass	5%	Mastic	
		Fibrous					
		Bound					
F1.3C 90 A2187245	Sheet Flooring	Heterogeneous	35%	Cellulose	50%	Vinyl	None Detected
		Gray,Off-white	10%	Fiberglass	5%	Mastic	
		Fibrous					
		Bound					
F6.1A 91 A2187246	Carpet Adhesive	Heterogeneous	2%	Cellulose	96%	Mastic	None Detected
		Yellow	2%	Synthetic Fiber			
		Fibrous					
		Bound					



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6101

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-06-16

**Project:** Glacier Hotel - Bar/Lounge; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous	Non-Fibrous			
<b>F6.1B 92</b> A2187247	Carpet Adhesive	Heterogeneous Yellow Fibrous Bound	2% 2%	Cellulose Synthetic Fiber	96%	Mastic	<b>None Detected</b>
<b>F6.1C 93</b> A2187248	Carpet Adhesive	Heterogeneous Yellow Fibrous Bound	2% 2%	Cellulose Synthetic Fiber	96%	Mastic	<b>None Detected</b>
<b>M15.2A 94</b> A2187249	Panel Adhesive	Heterogeneous Tan Fibrous Bound	2%	Cellulose	98%	Mastic	<b>None Detected</b>
<b>M15.2B 95</b> A2187250	Panel Adhesive	Heterogeneous Tan Fibrous Bound	2%	Cellulose	98%	Mastic	<b>None Detected</b>
<b>M15.2C 96</b> A2187251	Panel Adhesive	Heterogeneous Tan Fibrous Bound	2%	Cellulose	98%	Mastic	<b>None Detected</b>
<b>S5.3A 97</b> A2187252	Plaster	Heterogeneous Yellow, Gray Fibrous Bound	2% 3%	Cellulose Hair	5% 40% 50%	Paint Binder Silicates	<b>None Detected</b>
<b>M1.1A 98</b> A2187253	Sheetrock	Heterogeneous Tan, White Fibrous Bound	20%	Cellulose	80%	Gypsum	<b>None Detected</b>



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6101

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-06-16

**Project:** Glacier Hotel - Bar/Lounge; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>S5.3B 99</b> A2187254	Plaster	Heterogeneous	2%	Cellulose	5%	Paint	<b>None Detected</b>
		Yellow,Gray	3%	Hair	40%	Binder	
		Fibrous			50%	Silicates	
		Bound					
<b>M1.1B 100</b> A2187255	Sheetrock	Heterogeneous	20%	Cellulose	80%	Gypsum	<b>None Detected</b>
		Tan,White					
		Fibrous					
		Bound					
<b>S5.3C 101</b> A2187256	Plaster	Heterogeneous	2%	Cellulose	5%	Paint	<b>None Detected</b>
		Yellow,Gray	3%	Hair	40%	Binder	
		Fibrous			50%	Silicates	
		Bound					
<b>M1.1B 102</b> A2187257	Sheetrock	Heterogeneous	20%	Cellulose	80%	Gypsum	<b>None Detected</b>
		Tan,White					
		Fibrous					
		Bound					
<b>M15.1A 103</b> A2187258	Panel Adhesive	Heterogeneous	2%	Cellulose	98%	Mastic	<b>None Detected</b>
		Brown					
		Fibrous					
		Bound					
<b>M15.1B 104</b> A2187259	Panel Adhesive	Heterogeneous	2%	Cellulose	98%	Mastic	<b>None Detected</b>
		Brown					
		Fibrous					
		Bound					
<b>M15.1C 105</b> A2187260	Panel Adhesive	Heterogeneous	2%	Cellulose	98%	Mastic	<b>None Detected</b>
		Brown					
		Fibrous					
		Bound					





# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6101

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-06-16

**Project:** Glacier Hotel - Bar/Lounge; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>F9.3A 106</b> A2187261	Glass Adhesive	Heterogeneous Tan Fibrous Bound	2%	Cellulose	98%	Mastic	<b>None Detected</b>
<b>F9.3B 107</b> A2187262	Glass Adhesive	Heterogeneous Tan Fibrous Bound	2%	Cellulose	98%	Mastic	<b>None Detected</b>
<b>F9.3C 108</b> A2187263	Glass Adhesive	Heterogeneous Tan Fibrous Bound	2%	Cellulose	98%	Mastic	<b>None Detected</b>
<b>T14.3A 109</b> A2187264	Foil Backed Fiberglass Insulation	Heterogeneous White,Silver Fibrous Bound	80%	Fiberglass	10% 10%	Metal Foil Binder	<b>None Detected</b>
<b>T14.3B 110</b> A2187265	Foil Backed Fiberglass Insulation	Heterogeneous White,Silver Fibrous Bound	80%	Fiberglass	10% 10%	Metal Foil Binder	<b>None Detected</b>
<b>T14.3C 111</b> A2187266	Foil Backed Fiberglass Insulation	Heterogeneous White,Silver Fibrous Bound	80%	Fiberglass	10% 10%	Metal Foil Binder	<b>None Detected</b>
<b>S5.1A 112</b> A2187267	Plaster	Heterogeneous Off-white Fibrous Bound	2%	Cellulose	30% 33% 35%	Perlite Binder Silicates	<b>None Detected</b>



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6101

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-06-16

**Project:** Glacier Hotel - Bar/Lounge; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>S5.1B 113</b> A2187268	Plaster	Heterogeneous Off-white Fibrous Bound	2%	Cellulose	30% 33% 35%	Perlite Binder Silicates	<b>None Detected</b>
<b>S5.1C 114</b> A2187269	Plaster	Heterogeneous Off-white Fibrous Bound	2%	Cellulose	30% 33% 35%	Perlite Binder Silicates	<b>None Detected</b>
<b>T14.2A 115</b> A2187270	Paper Back Fiberglass Insulation	Heterogeneous Pink,Brown Fibrous Bound	80% 15%	Fiberglass Cellulose	5%	Tar	<b>None Detected</b>
<b>T14.2B 116</b> A2187271	Paper Back Fiberglass Insulation	Heterogeneous Pink,Brown Fibrous Bound	80% 15%	Fiberglass Cellulose	5%	Tar	<b>None Detected</b>
<b>T14.2C 117</b> A2187272	Paper Back Fiberglass Insulation	Heterogeneous Pink,Brown Fibrous Bound	80% 15%	Fiberglass Cellulose	5%	Tar	<b>None Detected</b>
<b>S5.2A 118</b> A2187273	Concrete Plaster	Heterogeneous Blue,Gray Fibrous Bound	2% 3%	Cellulose Hair	5% 40% 50%	Paint Binder Silicates	<b>None Detected</b>
<b>S5.2B 119</b> A2187274	Concrete Plaster	Heterogeneous Blue,Gray Fibrous Bound	2% 3%	Cellulose Hair	5% 40% 50%	Paint Binder Silicates	<b>None Detected</b>



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6101

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-06-16

**Project:** Glacier Hotel - Bar/Lounge; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>S5.2C 120</b> A2187275	Concrete Plaster	Heterogeneous	2%	Cellulose	5%	Paint	<b>None Detected</b>
		Blue,Gray	3%	Hair	40%	Binder	
		Fibrous			50%	Silicates	
		Bound					
<b>F1.2A 121</b> A2187276	Sheet Flooring	Heterogeneous	25%	Cellulose	35%	Vinyl	<b>None Detected</b>
		White,Gray			35%	Foam	
		Fibrous			5%	Mastic	
		Bound					
<b>F1.2B 122</b> A2187277	Sheet Flooring	Heterogeneous	25%	Cellulose	35%	Vinyl	<b>None Detected</b>
		White,Gray			35%	Foam	
		Fibrous			5%	Mastic	
		Bound					
<b>F1.2C 123</b> A2187278	Sheet Flooring	Heterogeneous	25%	Cellulose	40%	Vinyl	<b>None Detected</b>
		White,Gray			35%	Foam	
		Fibrous			<1%	Mastic	
		Bound					
<b>F1.4A 124</b> A2187279	Sheet Flooring	Heterogeneous	2%	Cellulose	50%	Vinyl	<b>None Detected</b>
		Yellow,Brown			45%	Binder	
		Fibrous			3%	Mastic	
		Bound					
<b>F1.4B 125</b> A2187280	Sheet Flooring	Heterogeneous	2%	Cellulose	50%	Vinyl	<b>None Detected</b>
		Yellow,Brown			45%	Binder	
		Fibrous			3%	Mastic	
		Bound					
<b>F1.4C 126</b> A2187281	Sheet Flooring	Heterogeneous	2%	Cellulose	50%	Vinyl	<b>None Detected</b>
		Yellow,Brown			45%	Binder	
		Fibrous			3%	Mastic	
		Bound					



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6101

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-06-16

**Project:** Glacier Hotel - Bar/Lounge; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>M2.2A 127</b> A2187282	Covebase	Heterogeneous Brown Non-fibrous Bound			100%	Vinyl	<b>None Detected</b>
<b>M2.2B 128</b> A2187283	Covebase	Heterogeneous Brown Non-fibrous Bound			100%	Vinyl	<b>None Detected</b>
<b>M2.2C 129</b> A2187284	Covebase	Heterogeneous Brown Non-fibrous Bound			100%	Vinyl	<b>None Detected</b>
<b>R6.2A</b> A2187285	Rolled Roofing	Heterogeneous Gray,Black Fibrous Bound	50%	Cellulose	25%	Gravel Tar	<b>None Detected</b>
<b>R6.2B</b> A2187286	Rolled Roofing	Heterogeneous Gray,Black Fibrous Bound	50%	Cellulose	25%	Gravel Tar	<b>None Detected</b>
<b>R6.2C</b> A2187287	Rolled Roofing	Heterogeneous Gray,Black Fibrous Bound	50%	Cellulose	25%	Gravel Tar	<b>None Detected</b>



---

**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

---

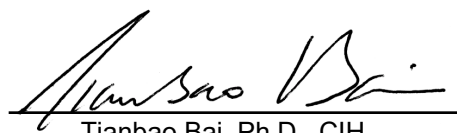
Due to the limitations of the EPA 600 method, nonfriable organically bound materials (NOBs) such as vinyl floor tiles can be difficult to analyze via polarized light microscopy (PLM). EPA recommends that all NOBs analyzed by PLM, and found not to contain asbestos, be further analyzed by Transmission 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:**

  
Ryan Williams

**APPROVED BY:**

  
Tianbao Bai, Ph.D., CIH  
Laboratory Director





135 A16-6101  
A218 7153-



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

# CHAIN OF CUSTODY A218 7287

LAB USE ONLY:
CEI Lab Code:
CEI Lab I.D. Range:

COMPANY CONTACT INFORMATION	
Company: <u>NewFields</u>	Client #: <u>26861</u>
Address: <u>1120 Cedar Street</u> <u>Missoula MT 59802</u>	Job Contact: <u>RYAN McGEE</u>
	Email: <u>rmcgee1763@gmail.com &amp; jschmichel@newfields.com</u>
	Tel: <u>406-461-4037</u>
Project Name: <u>Glacier Hotel - Bar/Lounge</u>	Fax:
Project ID #: <u>350.0229.002</u>	P.O. #:

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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLM POINT COUNT (400)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM POINT COUNT (1000)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM GRAVIMETRIC	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM GRAV w POINT COUNT	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PCM AIR	NIOSH 7400	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	AHERA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	EPA Level II	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	NIOSH 7402	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM BULK	CHATFIELD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST WIPE	ASTM D6480-05	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST MICROVAC	ASTM D5755-03	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM QUALITATIVE	CEI LABS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LEAD PAINT	METHOD	4 HR*	8 HR*	24 HR	2 DAY	3 DAY	5 DAY
LEAD PAINT	EPA SW846 7000B	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LEAD WIPE	EPA SW846 7000B	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LEAD SOIL	EPA SW846 7000B	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LEAD AIR	NIOSH 7082	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

REMARKS: <u>Please provide positive spot analysis. Please also provide Point Count 400 on all samples &lt; 1% asbestos</u>		<input checked="" type="checkbox"/> Accept Samples
		<input type="checkbox"/> Reject Samples
Relinquished By:	Date/Time	Received By:
<u>[Signature]</u>	<u>6/27/16 12pm</u>	<u>FedEx Carrier</u>
		<u>AA</u>
		<u>6/27/16 12pm</u>
		<u>6 29 16 9:10</u>

Call to confirm RUSH analysis.

Samples will be disposed of 30 days after analysis





## SAMPLING FORM

## COMPANY CONTACT INFORMATION

Company: NewFields	Job Contact: RYAN McGree
Project Name: Glacier Hotel - Bar/Lounge	Sample Date: 6/15/16 - 6/16/16
Project ID #: 350.0229.002	Tel: 406-461-4037

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	COMMENTS
R3.1A 1	Silver Paint & Black Roof Coat		Roof
B ↓ 2	↓		↓
C ↓ 3	↓		↓
M8.1A 4	Window Caulking		Lounge Front
B ↓ 5	↓		↓
C ↓ 6	↓		↓
M4.1A 7	12" tan tile & Adhesive		Entry
B ↓ 8	↓		↓
C ↓ 9	↓		↓
R5.1A 10	Asphalt Shingles		Roof
B ↓ 11	↓		↓
C ↓ 12	↓		↓
M23.1A 13	Black Threshold		Billiards Room
F9.2A 14	White adhesive		↓
M23.1B 15	Black threshold		↓
F9.2B 16	White adhesive		↓
M23.1C 17	Black threshold		↓
F9.2C 18	White adhesive		↓
M12.2A 19	CMU Block & mortar		Exit
B ↓ 20	↓		↓
C ↓ 21	↓		↓
R2.1A 22	Black Flashing		Roof
B ↓ 23	↓		↓
C ↓ 24	↓		↓
F2.1A 25	12" VFT Red		BAR
EN F5.2A 26	Yellow Mastic		↓
F2.1B 27	12" VFT Red		↓
F5.2B 28	Yellow Mastic		↓
F2.1C 29	12" VFT Red		↓
F5.2C 30	Yellow Mastic		↓

10 HA's - 30 samples



## SAMPLING FORM

## COMPANY CONTACT INFORMATION

Company: <u>NewFields</u>	Job Contact: <u>RYAN McGee</u>
Project Name: <u>Glacier Hotel - Bar/Lounge</u>	Sample Date: <u>6/15/16 - 6/16/16</u>
Project ID #: <u>350.0229.002</u>	Tel: <u>406-461-4037</u>

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	COMMENTS
M11.2 A 31	Concrete Foundation		Exterior
↓ B 32	↓		↓
↓ C 33	↓		↓
M12.3 A 34	Under Brick & Mortar		Exterior
↓ B 35	↓		↓
↓ C 36	↓		↓
SG.1 A 37	Stucco		Exterior
↓ B 38	↓		↓
↓ C 39	↓		↓
MG.1 A 40	16x16" Ceiling Tile		Lounge
S4.1 A 41	sprayed on Popcorn texture		↓
MG.1 B 42	16x16" Ceiling tile		↓
S4.1 B 43	sprayed on Popcorn texture		↓
MG.1 C 44	16x16" Ceiling tile		↓
S4.1 C 45	sprayed on Popcorn texture		↓
M12.1 A 46	Brick & Mortar		Front Facade
↓ B 47	↓		↓
↓ C 48	↓		↓
M5.2 A 49	2x4' Lay-In Ceiling tile (light centers & Pinholes)		BAR
↓ B 50	↓		↓
↓ C 51	↓		↓
F2.1 A	Hold - Red Tile		Billiards
F5.1 A 52	Black Mastic		↓
F2.1 B	Hold - Red Tile		↓
F5.1 B 53	Black Mastic		↓
F2.1 C	Hold - Red Tile		↓
F5.1 C 54	Black Mastic		↓
M5.1 A 55	2x4' Lay-In CT (craters & Pinholes)		Entry
↓ B 56	↓		↓
↓ C 57	↓		↓

10 HAs - 30 samples

Page 2 of 5





## SAMPLING FORM

## COMPANY CONTACT INFORMATION

Company: <u>NewFields</u>	Job Contact: <u>Ryan McGee</u>
Project Name: <u>Glacier Hotel-Bar/Lounge</u>	Sample Date: <u>6/15/16 - 6/16/16</u>
Project ID #: <u>350.0229.002</u>	Tel: <u>406-461-4037</u>

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	COMMENTS
M2.1A 58	White Covebase		Restroom
M3.1A 59	Cream CB adhesive		↓
M3.2A 60	Dark Brown Adhesive		
M2.1B 61	White Cove base		
M3.1B 62	Cream CB adhesive		
M3.2B 63	Dark brown Adhesive		
M2.1C 64	White cove base		
M3.1C 65	Cream CB adhesive		
M3.2C 66	DARK Brown Adhesive		↓
F2.2A 67	12" VFT Blue w/ white streaks		Kitchen
FS.2A	Hold - Yellow Mastic		↓
F2.2B 68	12" VFT Blue w/ white streaks		
FS.2B	Hold - Yellow mastic		
F2.2C 69	12" VFT Blue w/ white streaks		↓
FS.2C	Hold - Yellow Mastic		
M11.1A 70	Concrete		Lounge/Bar
↓ B 71	↓		↓
↓ C 72	↓		
M16.1A 73	Moisture Barrier		Lounge
↓ B 74	↓		
↓ C 75	↓		
F2.3A 76	12" VFT White		
FS.2	Hold - Yellow Mastic		
F2.3B 77	12" VFT White		
FS.2	Hold - Yellow Mastic		
F2.3C 78	12" VFT White		
FS.2	Hold - Yellow Mastic		

7 HA's - <sup>21</sup> 21 samples



## SAMPLING FORM

## COMPANY CONTACT INFORMATION

Company: <u>NewFields</u>	Job Contact: <u>RYAN McGEE</u>
Project Name: <u>Glacier Hotel - Bar/Lounge</u>	Sample Date: <u>6/15/16 - 6/16/16</u>
Project ID #: <u>350.0229.002</u>	Tel: <u>406-461-4037</u>

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	COMMENTS
FG.2A 79	Square carpet tiles & Adhesive		Entrance
↓ B 80	↓		↓
↓ C 81	↓		↓
F9.1A <del>134</del>	134 Step Protector		Bar
↓ B <del>135</del>	↓		↓
↓ C <del>136</del>	↓		↓
T14.1A 82	Fiberglass Paperbacked Yellow		Bar/Lounge
↓ B 83	↓		↓
↓ C 84	↓		↓
F1.1A 85	VSF: White Square & Green Diamond		BAR
↓ B 86	↓		↓
↓ C 87	↓		↓
F1.3A 88	VSF: Gray Pebble		BAR
↓ B 89	↓		↓
↓ C 90	↓		↓
FG.1A 91	carpet Adhesive (Yellow)		BAR/Lounge
↓ B 92	↓		↓
↓ C 93	↓		↓
MIS.2A 94	Panel adhesive (Tan)		Billiards
↓ B 95	↓		↓
↓ C 96	↓		↓
S5.3A 97	Plaster Skim coat		Entry
M1.1A 98	Sheet Rock		↓
S5.3B 99	Plaster Skim coat		↓
M1.1B 100	Sheet Rock		↓
S5.3C 101	Plaster Skim coat		↓
M1.1C 102	Sheet Rock		↓
MIS.1A 103	DARK Brown Panel adhesive		Lounge
↓ B 104	↓		↓
↓ C 105	↓		↓

10 samples Rm  
10 HA's  
30 samples





## SAMPLING FORM

## COMPANY CONTACT INFORMATION

Company: <u>NewFields</u>	Job Contact: <u>Ryan McGee</u>
Project Name: <u>Glacier Hotel Bar/Lounge</u>	Sample Date: <u>6/15/16 - 6/16/16</u>
Project ID #: <u>350.0229.002</u>	Tel: <u>406-461-4037</u>

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	COMMENTS
F9.3A 106	White glass adhesive		Billiards
↓ B 107	↓		↓
↓ C 108	↓		↓
T14.3A 109	Fall-back White Fiberglass		BAR/Lounge
↓ B 110	↓		↓
↓ C 111	↓		↓
S5.1A 112	Plaster Skim Coat		Kitchen
↓ B 113	↓		↓
↓ C 114	↓		↓
T14.2A 115	Pink Paper backed Fiberglass		Lounge
↓ B 116	↓		↓
↓ C 117	↓		↓
S5.2A 118	Concrete Plaster Skim Coat		Lounge
↓ B 119	↓		↓
↓ C 120	↓		↓
F1.2A 121	VSF: White Diamond		Bathroom
↓ B 122	↓		↓
↓ C 123	↓		↓
F1.4A 124	VSF: Yellow Pebble		BAR
↓ B 125	↓		↓
↓ C 126	↓		↓
M2.2A 127	Brown Covebase		Billiards
↓ B 128	↓		↓
↓ C 129	↓		↓
R6.2A 130	Rolled Asphalt Roofing		over kitchen
↓ B 131	↓		over Lounge
↓ C 132	↓		over Bar

9 X HA's 363A samples

Page 5 of 5





July 6, 2016

NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CLIENT PROJECT:** Glacier Hotel - Stretch Motel; 350.0229.002  
**CEI LAB CODE:** B16-4865

Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on June 29, 2016. 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", written in a cursive style.

Tianbao Bai, Ph.D., CIH  
Laboratory Director





---

## **ASBESTOS ANALYTICAL REPORT**

### **By: Polarized Light Microscopy**

**Prepared for**

**NewFields**

---

CLIENT PROJECT: Glacier Hotel - Stretch Motel; 350.0229.002

CEI LAB CODE: B16-4865

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

REPORT DATE: 07/06/16

TOTAL SAMPLES ANALYZED: 80

# SAMPLES >1% ASBESTOS: 4

**TEL: 866-481-1412**

***www.ceilabs.com***



# Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** Glacier Hotel - Stretch Motel;  
350.0229.002

**CEI LAB CODE:** B16-4865

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
F1.1A		B186582	Stone,Patterned V S F		None Detected
F1.1B		B186583	Stone,Patterned V S F		None Detected
F1.1C		B186584	Stone,Patterned V S F		None Detected
F1.2A		B186585	Floral,Patterned V S F		None Detected
F1.2B		B186586	Floral,Patterned V S F		None Detected
F1.2C		B186587	Floral,Patterned V S F		None Detected
F1.3A		B186588	Cream,Chip Pattern	V S F	None Detected
F1.3B		B186589	Cream,Chip Pattern	V S F	None Detected
F1.3C		B186590	Cream,Chip Pattern	V S F	None Detected
F1.4A		B186591	White,Pebble	V S F	None Detected
F1.4B		B186592	White,Pebble	V S F	None Detected
F1.4C		B186593	White,Pebble	V S F	None Detected
F1.5A		B186594	Brown,Square	V S F	None Detected
F1.5B		B186595	Brown,Square	V S F	None Detected
F1.5C		B186596	Brown,Square	V S F	None Detected
F1.5D		B186597	Brown,Square	V S F	None Detected
F3.1A		B186598	Yellow	V F T	Chrysotile 2%
F5.1A		B186599	Black	Mastic	None Detected
F3.1B		B186600		Sample Not Analyzed per COC	
F5.1B		B186601	Black	Mastic	None Detected
F3.1C		B186602		Sample Not Analyzed per COC	
F5.1C		B186603	Black	Mastic	None Detected
F6.1A		B186604	Yellow	Carpet Adhesive	None Detected
F6.1B		B186605	Yellow	Carpet Adhesive	None Detected
F6.1C		B186606	Yellow	Carpet Adhesive	None Detected
F10.1A		B186607	Gray	Concrete Thinset	None Detected
F10.1B		B186608	Gray	Concrete Thinset	None Detected
F10.1C		B186609	Gray	Concrete Thinset	None Detected
S3.1A		B186610	White	Sprayed-on Surfacing	None Detected



# Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** Glacier Hotel - Stretch Motel;  
350.0229.002

**CEI LAB CODE:** B16-4865

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
S3.1B		B186611	White	Sprayed-on Surfacing	None Detected
S3.1C		B186612	White	Sprayed-on Surfacing	None Detected
S3.2A		B186613	White	Sprayed-on Wall Surfacing	None Detected
S3.2B		B186614	White	Sprayed-on Wall Surfacing	None Detected
S3.2C		B186615	White	Sprayed-on Wall Surfacing	None Detected
T14.1A		B186616	Black,Tan	Fiberglass Insulation & Backing	None Detected
T14.1B		B186617	Black,Tan	Fiberglass Insulation & Backing	None Detected
T14.1C		B186618	Black,Tan	Fiberglass Insulation & Backing	None Detected
T14.2A		B186619	Yellow,Brown	Fiberglass Insulation & Paper Backing	None Detected
T14.2B		B186620	Yellow,Brown	Fiberglass Insulation & Paper Backing	None Detected
T14.2C		B186621	Yellow,Brown	Fiberglass Insulation & Paper Backing	None Detected
M1.1A		B186622	White	Sheetrock/Joint Compound & Tape	None Detected
M1.1B		B186623	White,Beige	Sheetrock/Joint Compound & Tape	Chrysotile <1%
M1.1C		B186624	White,Beige	Sheetrock/Joint Compound & Tape	Chrysotile <1%
M1.2A		B186625	White	Sheetrock/Joint Compound & Tape	None Detected
M1.2B		B186626	White,Beige	Sheetrock/Joint Compound & Tape	Chrysotile <1%
M1.2C		B186627	White	Sheetrock/Joint Compound & Tape	None Detected
M2.1A		B186628	Brown	Covebase	None Detected
M3.1A		B186629	Cream	Adhesive	None Detected
M2.1B		B186630	Brown	Covebase	None Detected
M3.1B		B186631	Cream	Adhesive	None Detected
M2.1C		B186632	Brown	Covebase	None Detected
M3.1C		B186633	Cream	Adhesive	None Detected
M2.2A		B186634	Brown	Covebase	None Detected



# Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** Glacier Hotel - Stretch Motel;  
350.0229.002

**CEI LAB CODE:** B16-4865

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
M3.2A		B186635	Gold	Adhesive	None Detected
M2.2B		B186636	Brown	Covebase	None Detected
M3.2B		B186637	Gold	Adhesive	None Detected
M2.2C		B186638	Brown	Covebase	None Detected
M3.2C		B186639	Gold	Adhesive	None Detected
M3.3A		B186640	Dark Brown	Covebase Adhesive	None Detected
M3.3B		B186641	Dark Brown	Covebase Adhesive	None Detected
M3.3C		B186642	Dark Brown	Covebase Adhesive	None Detected
M4.1A		B186643	White	Ceiling Tile	None Detected
M4.1B		B186644	White	Ceiling Tile	None Detected
M4.1C		B186645	White	Ceiling Tile	None Detected
F6.2A	Layer 1	B186646	Green	Carpet	None Detected
	Layer 2	B186646	Variously	Adhesive/ Cushion	None Detected
F6.2B	Layer 1	B186647	Green	Carpet	None Detected
	Layer 2	B186647	Variously	Adhesive/ Cushion	None Detected
F6.2C	Layer 1	B186648	Green	Carpet	None Detected
	Layer 2	B186648	Variously	Adhesive/ Cushion	None Detected
M8.1A		B186649	White	Tub Surround Caulking	None Detected
M8.1B		B186650	White	Tub Surround Caulking	None Detected
M8.1C		B186651	White	Tub Surround Caulking	None Detected
M7.1A		B186652	Tan	Window Glazing	Chrysotile 2%
M7.1B		B186653		Sample Not Analyzed per COC	
M7.1C		B186654		Sample Not Analyzed per COC	
M11.1A		B186655	Gray	Concrete	None Detected
M11.1B		B186656	Gray	Concrete	None Detected
M11.1C		B186657	Gray	Concrete	None Detected
M12.1A	Layer 1	B186658	Gray	CMU	None Detected
	Layer 2	B186658	Beige	Mortar	None Detected
M12.1B		B186659		No Sample Present	
M12.1C	Layer 1	B186660	Gray	CMU	None Detected
	Layer 2	B186660	Beige	Mortar	None Detected





# Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** Glacier Hotel - Stretch Motel;  
350.0229.002

**CEI LAB CODE:** B16-4865

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
M21.1A		B186661	Cream	Wainscot Adhesive	None Detected
M21.1B		B186662	Cream	Wainscot Adhesive	Chrysotile 3%
M21.1C		B186663		Sample Not Analyzed per COC	
M21.2A		B186664	Cream	Plastic Tile Adhesive	None Detected
M21.2B		B186665	Cream	Plastic Tile Adhesive	None Detected
M21.2C		B186666	Cream	Plastic Tile Adhesive	None Detected
M21.3A		B186667	Brown	Wall Panel Adhesive	Chrysotile 2%
M21.3B		B186668		Sample Not Analyzed per COC	
M21.3C		B186669		Sample Not Analyzed per COC	



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** B16-4865

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-06-16

**Project:** Glacier Hotel - Stretch Motel; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
F1.1A B186582	V S F	Heterogeneous Stone,Patterned Fibrous Bound	5%	Fiberglass	65%	Vinyl Binder Mastic	None Detected
F1.1B B186583	V S F	Heterogeneous Stone,Patterned Fibrous Bound	5%	Fiberglass	65%	Vinyl Binder Mastic	None Detected
F1.1C B186584	V S F	Heterogeneous Stone,Patterned Fibrous Bound	5%	Fiberglass	65%	Vinyl Binder Mastic	None Detected
F1.2A B186585	V S F	Heterogeneous Floral,Patterned Fibrous Bound	2%	Fiberglass	65%	Vinyl Binder	None Detected
F1.2B B186586	V S F	Heterogeneous Floral,Patterned Fibrous Bound	2%	Fiberglass	65%	Vinyl Binder	None Detected
F1.2C B186587	V S F	Heterogeneous Floral,Patterned Fibrous Bound	2%	Fiberglass	65%	Vinyl Binder	None Detected
F1.3A B186588	V S F	Heterogeneous Cream,Chip Pattern Fibrous Bound	35% 10%	Cellulose Fiberglass	50% 5%	Vinyl Mastic	None Detected



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** B16-4865

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-06-16

**Project:** Glacier Hotel - Stretch Motel; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
F1.3B B186589	V S F	Heterogeneous	35%	Cellulose	50%	Vinyl	None Detected
		Cream,Chip	10%	Fiberglass	5%	Mastic	
		Pattern					
		Fibrous Bound					
F1.3C B186590	V S F	Heterogeneous	35%	Cellulose	50%	Vinyl	None Detected
		Cream,Chip	10%	Fiberglass	5%	Mastic	
		Pattern					
		Fibrous Bound					
F1.4A B186591	V S F	Heterogeneous	35%	Cellulose	50%	Vinyl	None Detected
		White,Pebble	10%	Fiberglass	5%	Mastic	
		Fibrous					
		Bound					
F1.4B B186592	V S F	Heterogeneous	35%	Cellulose	50%	Vinyl	None Detected
		White,Pebble	10%	Fiberglass	5%	Mastic	
		Fibrous					
		Bound					
F1.4C B186593	V S F	Heterogeneous	35%	Cellulose	50%	Vinyl	None Detected
		White,Pebble	10%	Fiberglass	5%	Mastic	
		Fibrous					
		Bound					
F1.5A B186594	V S F	Heterogeneous	25%	Cellulose	50%	Vinyl	None Detected
		Brown,Square	10%	Fiberglass	15%	Binder	
		Fibrous					
		Bound					
F1.5B B186595	V S F	Heterogeneous	25%	Cellulose	50%	Vinyl	None Detected
		Brown,Square	10%	Fiberglass	15%	Binder	
		Fibrous					
		Bound					



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** B16-4865

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-06-16

**Project:** Glacier Hotel - Stretch Motel; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
F1.5C B186596	V S F	Heterogeneous Brown,Square Fibrous Bound	25% 10%	Cellulose Fiberglass	50% 15%	Vinyl Binder	None Detected
F1.5D B186597	V S F	Heterogeneous Brown,Square Fibrous Bound	25% 10%	Cellulose Fiberglass	50% 15%	Vinyl Binder	
F3.1A B186598	V F T	Heterogeneous Yellow Non-fibrous Bound	<1%	Talc	93% 5%	Vinyl Silicates	2% Chrysotile
F5.1A B186599	Mastic	Heterogeneous Black Non-fibrous Bound			100%	Mastic	None Detected
F3.1B B186600	Sample Not Analyzed per COC						
F5.1B B186601	Mastic	Heterogeneous Black Non-fibrous Bound			100%	Mastic	None Detected
F3.1C B186602	Sample Not Analyzed per COC						
F5.1C B186603	Mastic	Heterogeneous Black Non-fibrous Bound			100%	Mastic	None Detected



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** B16-4865

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-06-16

**Project:** Glacier Hotel - Stretch Motel; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>F6.1A</b> B186604	Carpet Adhesive	Heterogeneous			90%	Mastic	<b>None Detected</b>
		Yellow			10%	Foam	
		Non-fibrous					
		Bound					
<b>F6.1B</b> B186605	Carpet Adhesive	Heterogeneous			90%	Mastic	<b>None Detected</b>
		Yellow			10%	Foam	
		Non-fibrous					
		Bound					
<b>F6.1C</b> B186606	Carpet Adhesive	Heterogeneous			90%	Mastic	<b>None Detected</b>
		Yellow			10%	Foam	
		Non-fibrous					
		Bound					
<b>F10.1A</b> B186607	Concrete Thinset	Heterogeneous	<1%	Cellulose	80%	Binder	<b>None Detected</b>
		Gray			5%	Silicates	
		Non-fibrous			15%	Calc Carb	
		Bound					
<b>F10.1B</b> B186608	Concrete Thinset	Heterogeneous	<1%	Cellulose	80%	Binder	<b>None Detected</b>
		Gray			5%	Silicates	
		Non-fibrous			15%	Calc Carb	
		Bound					
<b>F10.1C</b> B186609	Concrete Thinset	Heterogeneous	<1%	Cellulose	80%	Binder	<b>None Detected</b>
		Gray			5%	Silicates	
		Non-fibrous			15%	Calc Carb	
		Bound					
<b>S3.1A</b> B186610	Sprayed-on Surfacing	Heterogeneous			5%	Paint	<b>None Detected</b>
		White			70%	Calc Carb	
		Non-fibrous			25%	Binder	
		Bound					





# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** B16-4865  
**Date Received:** 06-29-16  
**Date Analyzed:** 07-06-16  
**Date Reported:** 07-06-16

**Project:** Glacier Hotel - Stretch Motel; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>S3.1B</b> B186611	Sprayed-on Surfacing	Heterogeneous White Non-fibrous Bound			5% 70% 25%	Paint Calc Carb Binder	<b>None Detected</b>
<b>S3.1C</b> B186612	Sprayed-on Surfacing	Heterogeneous White Non-fibrous Bound			5% 70% 25%	Paint Calc Carb Binder	<b>None Detected</b>
<b>S3.2A</b> B186613	Sprayed-on Wall Surfacing	Heterogeneous White Fibrous Bound	5%	Cellulose	60% 10% 25%	Paint Silicates Binder	<b>None Detected</b>
<b>S3.2B</b> B186614	Sprayed-on Wall Surfacing	Heterogeneous White Fibrous Bound	5%	Cellulose	60% 10% 25%	Paint Silicates Binder	<b>None Detected</b>
<b>S3.2C</b> B186615	Sprayed-on Wall Surfacing	Heterogeneous White Fibrous Bound	5%	Cellulose	60% 10% 25%	Paint Silicates Binder	<b>None Detected</b>
<b>T14.1A</b> B186616	Fiberglass Insulation & Backing	Heterogeneous Black,Tan Fibrous Loosely Bound	85%	Cellulose	15%	Tar	<b>None Detected</b>
<b>T14.1B</b> B186617	Fiberglass Insulation & Backing	Heterogeneous Black,Tan Fibrous Loosely Bound	85%	Cellulose	15%	Tar	<b>None Detected</b>



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** B16-4865

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-06-16

**Project:** Glacier Hotel - Stretch Motel; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
T14.1C B186618	Fiberglass Insulation & Backing	Heterogeneous Black,Tan Fibrous Loosely Bound	85%	Cellulose	15%	Tar	None Detected
T14.2A B186619	Fiberglass Insulation & Paper Backing	Heterogeneous Yellow,Brown Fibrous Loosely Bound	15% 80%	Cellulose Fiberglass	5%	Tar	None Detected
T14.2B B186620	Fiberglass Insulation & Paper Backing	Heterogeneous Yellow,Brown Fibrous Loosely Bound	15% 80%	Cellulose Fiberglass	5%	Tar	None Detected
T14.2C B186621	Fiberglass Insulation & Paper Backing	Heterogeneous Yellow,Brown Fibrous Loosely Bound	15% 80%	Cellulose Fiberglass	5%	Tar	None Detected
M1.1A B186622	Sheetrock/Joint Compound & Tape	Heterogeneous White Fibrous Bound	15%	Cellulose	70% 10% 5%	Gypsum Calc Carb Paint	None Detected
M1.1B B186623	Sheetrock/Joint Compound & Tape	Heterogeneous White,Beige Fibrous Bound	15%	Cellulose	70% 10% 5%	Gypsum Calc Carb Paint	<1% Chrysotile
Lab Notes: 2% Chrysotile in Joint Compound only; <1% Chrysotile overall							
M1.1C B186624	Sheetrock/Joint Compound & Tape	Heterogeneous White,Beige Fibrous Bound	15%	Cellulose	70% 10% 5%	Gypsum Calc Carb Paint	<1% Chrysotile

Lab Notes: 2% Chrysotile in Joint Compound only; <1% Chrysotile overall



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** B16-4865  
**Date Received:** 06-29-16  
**Date Analyzed:** 07-06-16  
**Date Reported:** 07-06-16

**Project:** Glacier Hotel - Stretch Motel; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
M1.2A B186625	Sheetrock/Joint Compound & Tape	Heterogeneous White Fibrous Bound	15%	Cellulose	70%	Gypsum 10% Calc Carb 5% Paint	None Detected
M1.2B B186626	Sheetrock/Joint Compound & Tape	Heterogeneous White,Beige Fibrous Bound	15%	Cellulose	70%	Gypsum 10% Calc Carb 5% Paint	<1% Chrysotile
Lab Notes: 2% Chrysotile in Joint Compound only; <1% Chrysotile overall							
M1.2C B186627	Sheetrock/Joint Compound & Tape	Heterogeneous White Fibrous Bound	15%	Cellulose	70%	Gypsum 10% Calc Carb 5% Paint	None Detected
M2.1A B186628	Covebase	Heterogeneous Brown Non-fibrous Bound			75% 25%	Vinyl Binder	None Detected
M3.1A B186629	Adhesive	Heterogeneous Cream Non-fibrous Bound			100%	Mastic	None Detected
M2.1B B186630	Covebase	Heterogeneous Brown Non-fibrous Bound			75% 25%	Vinyl Binder	None Detected
M3.1B B186631	Adhesive	Heterogeneous Cream Non-fibrous Bound			100%	Mastic	None Detected



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** B16-4865

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-06-16

**Project:** Glacier Hotel - Stretch Motel; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
<b>M2.1C</b> B186632	Covebase	Heterogeneous Brown Non-fibrous Bound		75% Vinyl 25% Binder	<b>None Detected</b>
<b>M3.1C</b> B186633	Adhesive	Heterogeneous Cream Non-fibrous Bound		100% Mastic	<b>None Detected</b>
<b>M2.2A</b> B186634	Covebase	Heterogeneous Brown Non-fibrous Bound		75% Vinyl 25% Binder	<b>None Detected</b>
<b>M3.2A</b> B186635	Adhesive	Heterogeneous Gold Non-fibrous Bound		100% Mastic	<b>None Detected</b>
<b>M2.2B</b> B186636	Covebase	Heterogeneous Brown Non-fibrous Bound		75% Vinyl 25% Binder	<b>None Detected</b>
<b>M3.2B</b> B186637	Adhesive	Heterogeneous Gold Non-fibrous Bound		100% Mastic	<b>None Detected</b>
<b>M2.2C</b> B186638	Covebase	Heterogeneous Brown Non-fibrous Bound		75% Vinyl 25% Binder	<b>None Detected</b>



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** B16-4865

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-06-16

**Project:** Glacier Hotel - Stretch Motel; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
M3.2C B186639	Adhesive	Heterogeneous Gold Non-fibrous Bound			100%	Mastic	None Detected
M3.3A B186640	Covebase Adhesive	Heterogeneous Dark Brown Non-fibrous Bound			100%	Mastic	None Detected
M3.3B B186641	Covebase Adhesive	Heterogeneous Dark Brown Non-fibrous Bound			100%	Mastic	None Detected
M3.3C B186642	Covebase Adhesive	Heterogeneous Dark Brown Non-fibrous Bound			100%	Mastic	None Detected
M4.1A B186643	Ceiling Tile	Heterogeneous White Fibrous Bound	95%	Cellulose	5%	Paint	None Detected
M4.1B B186644	Ceiling Tile	Heterogeneous White Fibrous Bound	95%	Cellulose	5%	Paint	None Detected
M4.1C B186645	Ceiling Tile	Heterogeneous White Fibrous Bound	95%	Cellulose	5%	Paint	None Detected





# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** B16-4865  
**Date Received:** 06-29-16  
**Date Analyzed:** 07-06-16  
**Date Reported:** 07-06-16

**Project:** Glacier Hotel - Stretch Motel; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>F6.2A</b> Layer 1 B186646	Carpet	Heterogeneous Green Fibrous Bound	90%	Synthetic Fiber	10%	Binder	<b>None Detected</b>
Layer 2 B186646	Adhesive/ Cushion	Heterogeneous Variously Fibrous Bound	10%	Synthetic Fiber	90%	Foam	<b>None Detected</b>
<b>F6.2B</b> Layer 1 B186647	Carpet	Heterogeneous Green Fibrous Bound	90%	Synthetic Fiber	10%	Binder	<b>None Detected</b>
Layer 2 B186647	Adhesive/ Cushion	Heterogeneous Variously Fibrous Bound	10%	Synthetic Fiber	90%	Foam	<b>None Detected</b>
<b>F6.2C</b> Layer 1 B186648	Carpet	Heterogeneous Green Fibrous Bound	90%	Synthetic Fiber	10%	Binder	<b>None Detected</b>
Layer 2 B186648	Adhesive/ Cushion	Heterogeneous Variously Fibrous Bound	10%	Synthetic Fiber	90%	Foam	<b>None Detected</b>
<b>M8.1A</b> B186649	Tub Surround Caulking	Homogeneous White Non-fibrous Bound			100%	Caulk	<b>None Detected</b>



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** B16-4865  
**Date Received:** 06-29-16  
**Date Analyzed:** 07-06-16  
**Date Reported:** 07-06-16

**Project:** Glacier Hotel - Stretch Motel; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
M8.1B B186650	Tub Surround Caulking	Homogeneous White Non-fibrous Bound			100%	Caulk	None Detected
M8.1C B186651	Tub Surround Caulking	Homogeneous White Non-fibrous Bound			100%	Caulk	None Detected
M7.1A B186652	Window Glazing	Heterogeneous Tan Fibrous Bound	3%	Talc	30% 65% <1%	Calc Carb Binder Paint	2% Chrysotile
M7.1B B186653	Sample Not Analyzed per COC						
M7.1C B186654	Sample Not Analyzed per COC						
M11.1A B186655	Concrete	Heterogeneous Gray Non-fibrous Bound	<1%	Cellulose	70% 30%	Silicates Binder	None Detected
M11.1B B186656	Concrete	Heterogeneous Gray Non-fibrous Bound	<1%	Cellulose	70% 30%	Silicates Binder	None Detected
M11.1C B186657	Concrete	Heterogeneous Gray Non-fibrous Bound	<1%	Cellulose	70% 30%	Silicates Binder	None Detected



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** B16-4865  
**Date Received:** 06-29-16  
**Date Analyzed:** 07-06-16  
**Date Reported:** 07-06-16

**Project:** Glacier Hotel - Stretch Motel; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
<b>M12.1A</b> Layer 1 B186658	CMU	Heterogeneous	35%	Silicates	<b>None Detected</b>
		Gray	65%	Binder	
		Non-fibrous	<1%	Paint	
		Bound			
Layer 2 B186658	Mortar	Heterogeneous	70%	Silicates	<b>None Detected</b>
		Beige	30%	Binder	
		Non-fibrous	<1%	Paint	
		Bound			
<b>M12.1B</b> B186659	No Sample Present				
Lab Notes: No sample present in sample container					
<b>M12.1C</b> Layer 1 B186660	CMU	Heterogeneous	35%	Silicates	<b>None Detected</b>
		Gray	65%	Binder	
		Non-fibrous	<1%	Paint	
		Bound			
Layer 2 B186660	Mortar	Heterogeneous	70%	Silicates	<b>None Detected</b>
		Beige	30%	Binder	
		Non-fibrous	<1%	Paint	
		Bound			
<b>M21.1A</b> B186661	Wainscot Adhesive	Heterogeneous	100%	Mastic	<b>None Detected</b>
		Cream			
		Non-fibrous			
		Bound			
<b>M21.1B</b> B186662	Wainscot Adhesive	Heterogeneous	97%	Mastic	<b>3% Chrysotile</b>
		Cream			
		Non-fibrous			
		Bound			
<b>M21.1C</b> B186663	Sample Not Analyzed per COC				



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** B16-4865

**Date Received:** 06-29-16

**Date Analyzed:** 07-06-16

**Date Reported:** 07-06-16

**Project:** Glacier Hotel - Stretch Motel; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
M21.2A B186664	Plastic Tile Adhesive	Heterogeneous	80%	Mastic	None Detected
		Cream	20%	Calc Carb	
		Non-fibrous			
		Bound			
M21.2B B186665	Plastic Tile Adhesive	Heterogeneous	80%	Mastic	None Detected
		Cream	20%	Calc Carb	
		Non-fibrous			
		Bound			
M21.2C B186666	Plastic Tile Adhesive	Heterogeneous	80%	Mastic	None Detected
		Cream	20%	Calc Carb	
		Non-fibrous			
		Bound			
M21.3A B186667	Wall Panel Adhesive	Heterogeneous	85%	Mastic	2% Chrysotile
		Brown	13%	Binder	
		Non-fibrous			
		Bound			
M21.3B B186668	Sample Not Analyzed per COC				
M21.3C B186669	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:** Samantha Card  
Samantha Card

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





BIG-4865 (88)  
B186582 - B186669



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

## CHAIN OF CUSTODY

LAB USE ONLY:
CEI Lab Code: <del>BIG-4865 (88)</del>
CEI Lab I.D. Range: <del>B1864165 B186551</del>

### COMPANY CONTACT INFORMATION

Company: <i>New Fields</i>	Client #: <i>26861</i>
Address: <i>1120 Cedar St.</i>	Job Contact: <i>Ryan McGee</i>
<i>Missoula, MT. 59802</i>	Email: <i>mcgee1763@gmail.com &amp; jschnecheler@newfields.com</i>
Project Name: <i>Glacier Hotel - Stretch Motel</i>	Tel: <i>406-461-4037</i>
Project ID #: <i>350.0229.002</i>	Fax:
	P.O. #:

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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLM POINT COUNT (400)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM POINT COUNT (1000)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM GRAVIMETRIC	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM GRAV w POINT COUNT	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PCM AIR	NIOSH 7400	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	AHERA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	EPA Level II	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	NIOSH 7402	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM BULK	CHATFIELD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST WIPE	ASTM D6480-05	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST MICROVAC	ASTM D5755-03	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM QUALITATIVE	CEI LABS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LEAD PAINT	METHOD	4 HR*	8 HR*	24 HR	2 DAY	3 DAY	5 DAY
LEAD PAINT	EPA SW846 7000B	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LEAD WIPE	EPA SW846 7000B	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LEAD SOIL	EPA SW846 7000B	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LEAD AIR	NIOSH 7082	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER:	TCLP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

REMARKS: <i>Please provide positive step analysis. Please also provide point count 400 for all samples &lt;1% asbestos</i>		<input checked="" type="checkbox"/>	Accept Samples
		<input type="checkbox"/>	Reject Samples
Relinquished By:	Date/Time	Received By:	Date/Time
<i>Ryan D. Murphy</i>	<i>6/27/16 12pm</i>	<i>FedEx Carrier</i>	<i>6/27/16 12pm</i>
		<i>AC</i>	<i>6-29-16 9:10</i>

\* Call to confirm RUSH analysis.

Samples will be disposed of 30 days after analysis



## SAMPLING FORM

## COMPANY CONTACT INFORMATION

Company: <u>New Fields</u>	Job Contact: <u>Ryan McGee</u>
Project Name: <u>Glacier Hotel - Stretch Motel</u>	Sample Date: <u>6/24/16</u>
Project ID #: <u>350.0229.002</u>	Tel: <u>406-461-4037</u>

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	COMMENTS
① FI.1A	VSF: Flux Stone Pattern		Unit 1
② ↓ B	↓		↓ 4
③ ↓ C	↓		↓ 7
④ FI.2A	VSF: Floral Pattern		Unit 4
⑤ ↓ B	↓		↓ 25
⑥ ↓ C	↓		↓ 6
⑦ FI.3A	VSF: Cream Chip Pattern		Unit 5
⑧ ↓ B	↓		↓ 5
⑨ ↓ C	↓		↓ 5
⑩ FI.4A	VSF: White Pebble Pattern		Unit 5
⑪ ↓ B	↓		↓ 5
⑫ ↓ C	↓		↓ 5
⑬ FI.5A	VSF: Brown Square Pattern - Middle		2 <sup>nd</sup> Floor Storage
⑭ ↓ B	↓ (Hold Analysis on - South		↓
⑮ ↓ C	↓ Black Mastic) - North		↓
FI.5D AC ⑯ F3.1A	VFT: 9" Yellow		Mech. Room
⑰ F5.1 A	Black Mastic		
⑱ F3.1 B	VFT: 9" Yellow		
⑲ F5.1 B	Black Mastic		
⑳ F3.1 C	VFT: 9" Yellow		
㉑ F5.1 C	Black Mastic		
㉒ F6.1A	Carpet Adhesive		stairwell landing
㉓ ↓ B	↓		↓
㉔ ↓ C	↓		↓
㉕ F10.1A	Concrete thinset		Mech. Room
㉖ ↓ B	↓		↓
㉗ ↓ C	↓		↓
㉘ S3.1A	Sprayed-on Surfacing - Orange Peel		Unit 1 - Only Room
㉙ ↓ B	↓		↓ 1
㉚ ↓ C	↓		↓ 1

10 HAs - 30 samples



## SAMPLING FORM

## COMPANY CONTACT INFORMATION

Company: <u>New Fields</u>	Job Contact: <u>Ryan McGee</u>
Project Name: <u>Glacier Hotel - Stretch Motel</u>	Sample Date: <u>6/24/16</u>
Project ID #: <u>350.0229.002</u>	Tel: <u>406-461-4037</u>

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	COMMENTS
(31) S3.2A	Sprayed on Wall Surfacing - Sandy Pattern		Unit 3
(32) ( B	↓		↓ 25
(33) ( C	↓		↓ 6
(34) T14.1A	Fiberglass Ins. w/ Black Backing		Mech Room
(35) ( B	↓		↓
(36) ( C	↓		↓
(37) T14.2A	Fiberglass Ins. w/ Paper Backing		Unit 4
(38) ( B	↓		↓
(39) ( C	↓		↓
(40) M1.1A	Sheetrock, Joint, & Tape - Original		Unit Storage - Main
(41) ( B	↓		Stairwell
(42) ( C	↓		Unit 12
(43) M1.2A	Sheetrock, Joint & Tape - New		Unit 4
(44) ( B	↓		↓
(45) ( C	↓		↓
(46) M2.1A	3" Brown Cove Base - Hold Texture		Unit #4
(47) M3.1A	Cream Adhesive		↓
(48) M2.1B	3" Brown Cove Base		Unit #5
(49) M3.1B	Cream Adhesive		↓
(50) M2.1C	3" Brown Cove Base		Unit #6
(51) M3.1C	Cream Adhesive		↓
(52) M2.2A	4" Brown Cove Base		2nd Floor Storage
(53) M3.2A	Gold Adhesive		↓
(54) M2.2B	4" Brown Cove Base		↓
(55) M3.2B	Gold Adhesive		↓
(56) M2.2C	4" Brown Cove Base		↓
(57) M3.2C	Gold Adhesive		↓
(58) M3.3A	Dark Brown Cove Base Adhesive		Mech Room
(59) ( B	↓		
(60) ( C	↓		

10 HA's - 30 samples



## SAMPLING FORM

## COMPANY CONTACT INFORMATION

Company: <i>NewFields</i>	Job Contact: <i>Ryan McGee</i>
Project Name: <i>Glacier Hotel - Stretch Motel</i>	Sample Date: <i>6/24/16</i>
Project ID #: <i>350.0229.002</i>	Tel: <i>406-461-4037</i>

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	COMMENTS
(61) M4.1A	12"x12" Gilling Tile - Pressed Wood		Unit #1
(62) ↓ B	↓		↓ #3
(63) ↓ C	↓		↓ #6
(64) F6.2A	Carpet Adhesive / Cushion		Unit #1
(65) ↓ B	↓		↓ #4
(66) ↓ C	↓		↓ #7
(67) M8.1A	Tub Surround Caulking		Unit #9
(68) ↓ B	↓		↓ #7
(69) ↓ C	↓		↓ #4
(70) M7.1A	Window Glazing		Unit #2
(71) ↓ B	↓		↓ #27
(72) ↓ C	↓		↓ #26
(73) M11.1A	Concrete		NE Corner
(74) ↓ B	↓		Middle
(75) ↓ C	↓		NW Corner
(76) M12.1A	CMU Block / Mortar		NE Corner
(77) ↓ B	↓		Middle
(78) ↓ C	↓		NE Corner
(79) M21.1A	Wainscot Cream Adhesive		Unit #4
(80) ↓ B	↓		↓ #6
(81) ↓ C	↓		↓ #26
(82) M21.2A	4" Plastic Tile Cream Adhesive		Unit #1
(83) ↓ B	↓		↓ #6
(84) ↓ C	↓		↓ #7
(85) M21.3A	Wood Panel Adhesive		Unit #7
(86) ↓ B	↓		Storage Rm
(87) ↓ C	↓		Unit #7

9 HA's - 27 samples



July 11, 2016

NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CLIENT PROJECT:** Glacier Hotel - Stretch Motel; 350.0229.002  
**CEI LAB CODE:** B16-4865.1

Dear Customer:

Enclosed are asbestos analysis results for PLM bulk samples received at our laboratory on July 6, 2016. The samples were analyzed for asbestos using polarized light microscopy (PLM) point count per the EPA 600 Method.

Sample results containing > 1% asbestos are considered asbestos-containing materials (ACMs) per the EPA regulatory requirements. The detection limit for the EPA 600 method is 0.25% for 400 point counts, or 0.1% for 1,000 point counts.

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", written in a cursive style.

Tianbao Bai, Ph.D., CIH  
Laboratory Director





---

## **ASBESTOS ANALYTICAL REPORT**

### **By: Polarized Light Microscopy**

**Prepared for**

**NewFields**

---

**CLIENT PROJECT:** Glacier Hotel - Stretch Motel; 350.0229.002

**CEI LAB CODE:** B16-4865.1

**TEST METHOD:** PLM Point Count  
EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

**REPORT DATE:** 07/11/16

**TEL: 866-481-1412**

***www.ceilabs.com***





# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** B16-4865.1  
**Date Received:** 07-06-16  
**Date Analyzed:** 07-08-16  
**Date Reported:** 07-11-16

**Project:** Glacier Hotel - Stretch Motel; 350.0229.002

## ASBESTOS POINT COUNT PLM, EPA 600 METHOD

Client ID	Lab ID	Material Description	POINTS		ASBESTOS	
			Total	Asbestos	%	
<b>M1.1B</b>	B186623	Joint Compound	400	10	2.5%	Chrysotile
	B186623	Sheetrock/ Joint Compound/ Tape ( Composite Result From Point Count)			0.13%	Chrysotile
Lab Notes: Joint Compound is 5% of overall sample						
<b>M1.1C</b>	B186624	Joint Compound	400	10	2.5%	Chrysotile
	B186624	Sheetrock/ Joint Compound/ Tape ( Composite Result From Point Count)			0.13%	Chrysotile
Lab Notes: Joint Compound is 5% of overall sample						
<b>M1.2B</b>	B186626	Joint Compound	400	7	1.8%	Chrysotile
	B186626	Sheetrock/ Joint Compound/ Tape ( Composite Result From Point Count)			0.09%	Chrysotile
Lab Notes: Joint Compound is 5% of overall sample						



---

**LEGEND:** None

---

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

---

**LIMIT OF DETECTION:** 0.25% by 400 points or 0.1% by 1,000 points

---

**REGULATORY LIMIT:** >1% by weight

---

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:** Samantha Card  
Samantha Card

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





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

## CHAIN OF CUSTODY

### LAB USE ONLY:

CEI Lab Code: ~~210-106-3-59~~

CEI Lab I.D. Range: ~~B186465 B186551~~

B16-4865 (88)  
B186582 - B186669

### COMPANY CONTACT INFORMATION

Company: <u>New Fields</u>	Client #: <u>20861</u>
Address: <u>1120 Cedar St.</u>	Job Contact: <u>Ryan McGee</u>
<u>Missoula, MT. 59802</u>	Email: <u>rmcgee1763@gmail.com &amp;</u>
	Tel: <u>406-461-4037</u> <u>jschmechel@newfields.co</u>
Project Name: <u>Glacier Hotel - Stretch Motel</u>	Fax:
Project ID #: <u>350.0229.002</u>	P.O. #:

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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLM POINT COUNT (400)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM POINT COUNT (1000)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM GRAVIMETRIC	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM GRAV w POINT COUNT	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PCM AIR	NIOSH 7400	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	AHERA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	EPA Level II	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	NIOSH 7402	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM BULK	CHATFIELD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST WIPE	ASTM D6480-05	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST MICROVAC	ASTM D5755-03	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM QUALITATIVE	CEI LABS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LEAD PAINT	METHOD	4 HR*	8 HR*	24 HR	2 DAY	3 DAY	5 DAY
LEAD PAINT	EPA SW846 7000B	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LEAD WIPE	EPA SW846 7000B	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LEAD SOIL	EPA SW846 7000B	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LEAD AIR	NIOSH 7082	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER:	<u>TCLP</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

### REMARKS:

Please provide positive step analysis. Please also provide point count 400 for all samples <1% asbestos



Accept Samples



Reject Samples

Relinquished By:	Date/Time	Received By:	Date/Time
<u>Ryan D. Murphy</u>	<u>6/27/16 12pm</u>	<u>FedEx Carrier</u>	<u>6/27/16 12pm</u>
		<u>AC</u>	<u>6-29-16 9:10</u>

\* Call to confirm RUSH analysis.

Samples will be disposed of 30 days after analysis



## SAMPLING FORM

## COMPANY CONTACT INFORMATION

Company: <u>New Fields</u>	Job Contact: <u>Ryan McGee</u>
Project Name: <u>Glacier Hotel - Stretch Motel</u>	Sample Date: <u>6/24/16</u>
Project ID #: <u>350.0229.002</u>	Tel: <u>406-461-4037</u>

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	COMMENTS
① FI.1A	VSF: Flux Stone Pattern		Unit 1
② ↓ B	↓		↓ 4
③ ↓ C	↓		↓ 7
④ FI.2A	VSF: Floral Pattern		Unit 4
⑤ ↓ B	↓		↓ 25
⑥ ↓ C	↓		↓ 6
⑦ FI.3A	VSF: Cream Chip Pattern		Unit 5
⑧ ↓ B	↓		↓ 5
⑨ ↓ C	↓		↓ 5
⑩ FI.4A	VSF: White Pebble Pattern		Unit 5
⑪ ↓ B	↓		↓ 5
⑫ ↓ C	↓		↓ 5
⑬ FI.5A	VSF: Brown Square Pattern - Middle		2nd Floor Storage
⑭ ↓ B	↓ (Hold Analysis on - South		↓
⑮ ↓ C	↓ Black Mastic) - North		↓
⑯ F3.1A	VFT: 9" Yellow		Mech. Room
⑰ F5.1 A	Black Mastic		
⑱ F3.1 B	VFT: 9" Yellow		
⑲ F5.1 B	Black Mastic		
⑳ F3.1 C	VFT: 9" Yellow		
㉑ F5.1 C	Black Mastic		
㉒ F6.1A	Carpet Adhesive		Stairwell Landing <sup>Landing</sup>
㉓ ↓ B	↓		↓
㉔ ↓ C	↓		↓
㉕ F10.1A	Concrete Thinset		Mech. Room
㉖ ↓ B	↓		↓
㉗ ↓ C	↓		↓
㉘ S3.1A	Sprayed-on Surfacing - Orange Peel		Unit 1 - Only Room
㉙ ↓ B	↓		↓ 1
㉚ ↓ C	↓		↓ 1

55  
10

10 HA's - 30 samples



## SAMPLING FORM

## COMPANY CONTACT INFORMATION

Company: <u>New Fields</u>	Job Contact: <u>Ryan McGee</u>
Project Name: <u>Glacier Hotel - Stretch Motel</u>	Sample Date: <u>6/24/16</u>
Project ID #: <u>350.0229.002</u>	Tel: <u>406-461-4037</u>

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	COMMENTS
(31) S3.2A	Sprayed on Wall Surfacing - Sandy Pattern		Unit 3
(32) ↓ B	↓		↓ 23
(33) ↓ C	↓		↓ 6
(34) T14.1A	Fiberglass Ins. w/ Black Backing		Mech Room
(35) ↓ B	↓		↓
(36) ↓ C	↓		↓
(37) T14.2A	Fiberglass Ins. w/ Paper Backing		Unit 4
(38) ↓ B	↓		↓
(39) ↓ C	↓		↓
(40) M1.1A	Sheetrock, Joint, & Tape - Original		Unit Storage - Main
(41) ↓ B	↓		Stairwell
(42) ↓ C	↓		Unit 12
(43) M1.2A	Sheetrock, Joint & Tape - New		Unit 4
(44) ↓ B	↓		↓
(45) ↓ C	↓		↓
(46) M2.1A	3" Brown Cove Base - Hold Texture		Unit #4
(47) M3.1A	Cream Adhesive		↓
(48) M2.1B	3" Brown Cove Base		Unit #5
(49) M3.1B	Cream Adhesive		↓
(50) M2.1C	3" Brown Cove Base		Unit #6
(51) M3.1C	Cream Adhesive		↓
(52) M2.2A	4" Brown Cove Base		2nd Floor Storage
(53) M3.2A	Gold Adhesive		↓
(54) M2.2B	4" Brown Cove Base		↓
(55) M3.2B	Gold Adhesive		↓
(56) M2.2C	4" Brown Cove Base		↓
(57) M3.2C	Gold Adhesive		↓
(58) M3.3A	Dark Brown Cove Base Adhesive		Mech Room
(59) ↓ B	↓		
(60) ↓ C	↓		

10 HA's - 30 samples



## SAMPLING FORM

## COMPANY CONTACT INFORMATION

Company: <u>NewFields</u>	Job Contact: <u>Ryan McGee</u>
Project Name: <u>Glacier Hotel - Stretch Motel</u>	Sample Date: <u>6/24/16</u>
Project ID #: <u>350.0229.002</u>	Tel: <u>406-461-4037</u>

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	COMMENTS
(61) M4.1A	12"x12" Ceiling Tile - Pressed Wood		Unit #1
(62) ↓ B	↓		↓ #3
(63) ↓ C	↓		↓ #6
(64) F6.2A	Carpet Adhesive / Cushion		Unit #1
(65) ↓ B	↓		↓ #4
(66) ↓ C	↓		↓ #7
(67) M8.1A	Tub Surround Caulking		Unit #9
(68) ↓ B	↓		↓ #7
(69) ↓ C	↓		↓ #4
(70) M7.1A	Window Glazing		Unit #2
(71) ↓ B	↓		↓ #27
(72) ↓ C	↓		↓ #26
(73) M11.1A	Concrete		NE Corner
(74) ↓ B	↓		Middle
(75) ↓ C	↓		NW Corner
(76) M12.1A	CMU Block / Mortar		NE Corner
(77) ↓ B	↓		Middle
(78) ↓ C	↓		NE Corner
(79) M21.1A	Wainscot Cream Adhesive		Unit #4
(80) ↓ B	↓		↓ #6
(81) ↓ C	↓		↓ #26
(82) M21.2A	4" Plastic Tile Cream Adhesive		Unit #1
(83) ↓ B	↓		↓ #6
(84) ↓ C	↓		↓ #7
(85) M21.3A	Wood Panel Adhesive		Unit #7
(86) ↓ B	↓		Storage Room
(87) ↓ C	↓		Unit #7

9 HAs - 27 samples





July 7, 2016

NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CLIENT PROJECT:** Glacier Hotel - Office; 350.0229.002  
**CEI LAB CODE:** A16-6088

Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on June 29, 2016. 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**

**NewFields**

---

CLIENT PROJECT: Glacier Hotel - Office; 350.0229.002

CEI LAB CODE: A16-6088

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

REPORT DATE: 07/07/16

TOTAL SAMPLES ANALYZED: 35

# SAMPLES >1% ASBESTOS: 5

**TEL: 866-481-1412**

***www.ceilabs.com***



# Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Glacier Hotel - Office; 350.0229.002

CEI LAB CODE: A16-6088

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
F1.2A		A2186671	Brown,Gold	Vinyl Sheet Flooring	None Detected
F1.2B		A2186672	Brown,Gold	Vinyl Sheet Flooring	None Detected
F1.2C		A2186673	Brown,Gold	Vinyl Sheet Flooring	None Detected
S4.3A		A2186674	Off-white,Tan	Sprayed On Surfacing	None Detected
S4.3B		A2186675	Off-white,Tan	Sprayed On Surfacing	None Detected
S4.3C	Layer 1	A2186676	Off-white,Tan	Sprayed On Surfacing	None Detected
	Layer 2	A2186676	Tan	Sprayed On Surfacing	Chrysotile 2%
F1.5A		A2186677	Gray	Vinyl Sheet Flooring	None Detected
F1.5B		A2186678	Gray	Vinyl Sheet Flooring	None Detected
F1.5C		A2186679	Gray	Vinyl Sheet Flooring	None Detected
F6.1A		A2186680	Yellow	Carpet Adhesive	None Detected
F6.1B		A2186681	Yellow	Carpet Adhesive	None Detected
F6.1C		A2186682	Yellow	Carpet Adhesive	None Detected
M15.1A		A2186683	Tan	Mirror Adhesive	Chrysotile 2%
M15.1B		A2186684		Sample Not Analyzed per COC	
M15.1C		A2186685		Sample Not Analyzed per COC	
F1.4A		A2186686	Gold,Brown	Vinyl Sheet Flooring	None Detected
F1.4B		A2186687	Gold,Brown	Vinyl Sheet Flooring	None Detected
F1.4C		A2186688	Gold,Brown	Vinyl Sheet Flooring	None Detected
M7.1A		A2186689	Gray	Window Glazing	None Detected
M7.1B		A2186690	Gray	Window Glazing	None Detected
M7.1C		A2186691	Gray	Window Glazing	None Detected
F1.3A		A2186692	Cream	Vinyl Sheet Flooring	None Detected
F1.3B		A2186693	Cream	Vinyl Sheet Flooring	None Detected
F1.3C		A2186694	Cream	Vinyl Sheet Flooring	None Detected
F1.1A		A2186695	Patterned	Vinyl Sheet Flooring	None Detected
F1.1B		A2186696	Patterned	Vinyl Sheet Flooring	None Detected
F1.1C		A2186697	Patterned	Vinyl Sheet Flooring	None Detected
M1.1A		A2186698	White,Tan	Sheetrock/Joint Compound	None Detected
M1.1B		A2186699	White,Tan	Sheetrock/Joint Compound	Chrysotile <1%
M1.1C		A2186700	White,Tan	Sheetrock/Joint Compound	Chrysotile <1%



# Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** Glacier Hotel - Office; 350.0229.002

**CEI LAB CODE:** A16-6088

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
S4.2A		A2186701	White, Tan	Surfacing	Chrysotile 2%
S4.2B		A2186702		Sample Not Analyzed per COC	
S4.2C		A2186703		Sample Not Analyzed per COC	
S4.1A		A2186704	White	Surfacing	None Detected
S4.1B		A2186705	Tan	Surfacing	Chrysotile 2%
S4.1C		A2186706		Sample Not Analyzed per COC	
M15.2A		A2186707	Tan	Adhesive	Chrysotile 2%
M16.1A		A2186708	Black	Exterior Siding Moisture Barrier	None Detected
M16.1B		A2186709	Black	Exterior Siding Moisture Barrier	None Detected
M16.1C		A2186710	Black	Exterior Siding Moisture Barrier	None Detected



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6088

**Date Received:** 06-29-16

**Date Analyzed:** 07-07-16

**Date Reported:** 07-07-16

**Project:** Glacier Hotel - Office; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
F1.2A A2186671	Vinyl Sheet Flooring	Heterogeneous	25%	Cellulose	5%	Binder	None Detected
		Brown,Gold	15%	Synthetic Fiber	50%	Vinyl	
		Fibrous			5%	Mastic	
		Bound					
F1.2B A2186672	Vinyl Sheet Flooring	Heterogeneous	25%	Cellulose	5%	Binder	None Detected
		Brown,Gold	15%	Synthetic Fiber	50%	Vinyl	
		Fibrous			5%	Mastic	
		Bound					
F1.2C A2186673	Vinyl Sheet Flooring	Heterogeneous	25%	Cellulose	5%	Binder	None Detected
		Brown,Gold	15%	Synthetic Fiber	50%	Vinyl	
		Fibrous			5%	Mastic	
		Bound					
S4.3A A2186674	Sprayed On Surfacing	Heterogeneous			55%	Binder	None Detected
		Off-white,Tan			35%	Calc Carb	
		Non-fibrous			10%	Paint	
		Bound					
S4.3B A2186675	Sprayed On Surfacing	Heterogeneous			55%	Binder	None Detected
		Off-white,Tan			35%	Calc Carb	
		Non-fibrous			10%	Paint	
		Bound					
S4.3C Layer 1 A2186676	Sprayed On Surfacing	Heterogeneous			55%	Binder	None Detected
		Off-white,Tan			35%	Calc Carb	
		Non-fibrous			10%	Paint	
		Bound					
Layer 2 A2186676	Sprayed On Surfacing	Heterogeneous			55%	Binder	2% Chrysotile
	Tan			43%	Calc Carb		
	Non-fibrous Bound						



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6088

**Date Received:** 06-29-16

**Date Analyzed:** 07-07-16

**Date Reported:** 07-07-16

**Project:** Glacier Hotel - Office; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>F1.5A</b> A2186677	Vinyl Sheet Flooring	Heterogeneous Gray Fibrous Bound	25% 15%	Cellulose Synthetic Fiber	5% 50% 5%	Binder Vinyl Mastic	<b>None Detected</b>
<b>F1.5B</b> A2186678	Vinyl Sheet Flooring	Heterogeneous Gray Fibrous Bound	25% 15%	Cellulose Synthetic Fiber	5% 50% 5%	Binder Vinyl Mastic	<b>None Detected</b>
<b>F1.5C</b> A2186679	Vinyl Sheet Flooring	Heterogeneous Gray Fibrous Bound	25% 15%	Cellulose Synthetic Fiber	5% 50% 5%	Binder Vinyl Mastic	<b>None Detected</b>
<b>F6.1A</b> A2186680	Carpet Adhesive	Heterogeneous Yellow Fibrous Loose	5%	Cellulose	95%	Binder	<b>None Detected</b>
<b>F6.1B</b> A2186681	Carpet Adhesive	Heterogeneous Yellow Fibrous Loose	5%	Cellulose	95%	Binder	<b>None Detected</b>
<b>F6.1C</b> A2186682	Carpet Adhesive	Heterogeneous Yellow Fibrous Loose	5%	Cellulose	95%	Binder	<b>None Detected</b>
<b>M15.1A</b> A2186683	Mirror Adhesive	Heterogeneous Tan Fibrous Bound			98%	Binder	<b>2% Chrysotile</b>
<b>M15.1B</b> A2186684	Sample Not Analyzed per COC						





# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6088

**Date Received:** 06-29-16

**Date Analyzed:** 07-07-16

**Date Reported:** 07-07-16

**Project:** Glacier Hotel - Office; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
M15.1C A2186685	Sample Not Analyzed per COC						
F1.4A A2186686	Vinyl Sheet Flooring	Heterogeneous Gold,Brown Fibrous Bound	25% 15%	Cellulose Synthetic Fiber	5% 50% 5%	Binder Vinyl Mastic	None Detected
F1.4B A2186687	Vinyl Sheet Flooring	Heterogeneous Gold,Brown Fibrous Bound	25% 15%	Cellulose Synthetic Fiber	5% 50% 5%	Binder Vinyl Mastic	None Detected
F1.4C A2186688	Vinyl Sheet Flooring	Heterogeneous Gold,Brown Fibrous Bound	25% 15%	Cellulose Synthetic Fiber	5% 50% 5%	Binder Vinyl Mastic	None Detected
M7.1A A2186689	Window Glazing	Heterogeneous Gray Non-fibrous Bound			65% 35%	Binder Calc Carb	None Detected
M7.1B A2186690	Window Glazing	Heterogeneous Gray Non-fibrous Bound			65% 35%	Binder Calc Carb	None Detected
M7.1C A2186691	Window Glazing	Heterogeneous Gray Non-fibrous Bound			65% 35%	Binder Calc Carb	None Detected
F1.3A A2186692	Vinyl Sheet Flooring	Heterogeneous Cream Fibrous Bound	25% 15%	Cellulose Synthetic Fiber	5% 50% 5%	Binder Vinyl Mastic	None Detected



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6088

**Date Received:** 06-29-16

**Date Analyzed:** 07-07-16

**Date Reported:** 07-07-16

**Project:** Glacier Hotel - Office; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous			Non-Fibrous	
<b>F1.3B</b> A2186693	Vinyl Sheet Flooring	Heterogeneous	25%	Cellulose	5%	Binder	<b>None Detected</b>
		Cream	15%	Synthetic Fiber	50%	Vinyl	
		Fibrous			5%	Mastic	
		Bound					
<b>F1.3C</b> A2186694	Vinyl Sheet Flooring	Heterogeneous	25%	Cellulose	5%	Binder	<b>None Detected</b>
		Cream	15%	Synthetic Fiber	50%	Vinyl	
		Fibrous			5%	Mastic	
		Bound					
<b>F1.1A</b> A2186695	Vinyl Sheet Flooring	Heterogeneous	25%	Cellulose	5%	Binder	<b>None Detected</b>
		Patterned	15%	Synthetic Fiber	50%	Vinyl	
		Fibrous			5%	Mastic	
		Bound					
<b>F1.1B</b> A2186696	Vinyl Sheet Flooring	Heterogeneous	25%	Cellulose	5%	Binder	<b>None Detected</b>
		Patterned	15%	Synthetic Fiber	50%	Vinyl	
		Fibrous			5%	Mastic	
		Bound					
<b>F1.1C</b> A2186697	Vinyl Sheet Flooring	Heterogeneous	25%	Cellulose	5%	Binder	<b>None Detected</b>
		Patterned	15%	Synthetic Fiber	50%	Vinyl	
		Fibrous			5%	Mastic	
		Bound					
<b>M1.1A</b> A2186698	Sheetrock/Joint Compound	Heterogeneous	15%	Cellulose	10%	Binder	<b>None Detected</b>
		White, Tan			65%	Gypsum	
		Fibrous			10%	Paint	
		Bound					
<b>M1.1B</b> A2186699	Sheetrock/Joint Compound	Heterogeneous	15%	Cellulose	10%	Binder	<b>&lt;1% Chrysotile</b>
		White, Tan			65%	Gypsum	
		Fibrous			10%	Paint	
		Bound					

Lab Notes: 2% Chrysotile in Joint Compound; overall <1%



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6088

**Date Received:** 06-29-16

**Date Analyzed:** 07-07-16

**Date Reported:** 07-07-16

**Project:** Glacier Hotel - Office; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
M1.1C A2186700	Sheetrock/Joint Compound	Heterogeneous White, Tan Fibrous Bound	15%	Cellulose	10%	Binder Gypsum Paint	<1% Chrysotile
Lab Notes: 2% Chrysotile in Joint Compound; overall <1%							
S4.2A A2186701	Surfacing	Heterogeneous White, Tan Fibrous Bound			53% 10% 35%	Binder Paint Calc Carb	2% Chrysotile
S4.2B A2186702	Sample Not Analyzed per COC						
S4.2C A2186703	Sample Not Analyzed per COC						
S4.1A A2186704	Surfacing	Heterogeneous White Non-fibrous Bound			55% 10% 35%	Binder Paint Calc Carb	None Detected
S4.1B A2186705	Surfacing	Heterogeneous Tan Non-fibrous Bound			53% 10% 35%	Binder Paint Calc Carb	2% Chrysotile
S4.1C A2186706	Sample Not Analyzed per COC						
M15.2A A2186707	Adhesive	Heterogeneous Tan Fibrous Bound			98%	Binder	2% Chrysotile



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

**CEI Lab Code:** A16-6088

**Date Received:** 06-29-16

**Date Analyzed:** 07-07-16

**Date Reported:** 07-07-16

**Project:** Glacier Hotel - Office; 350.0229.002

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
M16.1A A2186708	Exterior Siding Moisture Barrier	Heterogeneous Black Fibrous Bound	65%	Cellulose	35%	Tar	None Detected
M16.1B A2186709	Exterior Siding Moisture Barrier	Heterogeneous Black Fibrous Bound	65%	Cellulose	35%	Tar	None Detected
M16.1C A2186710	Exterior Siding Moisture Barrier	Heterogeneous Black Fibrous Bound	65%	Cellulose	35%	Tar	None Detected



---

**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

---

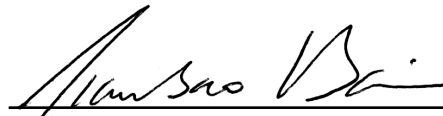
**REGULATORY LIMIT:** >1% by weight

---

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:**   
Megan Rumble

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





107 New Edition Court, Cary, NC 27511

Tel: 866-481-1412; Fax: 919-481-1442

# CHAIN OF CUSTODY A2186710

LAB USE ONLY:

CEI Lab Code:

CEI Lab I.D. Range:

## COMPANY CONTACT INFORMATION

Company: <u>NewFields</u>	Client #: <u>26861</u>
Address: <u>1120 Cedar St 1/2nd Missoula MT 59802</u>	Job Contact: <u>Ryan McGee</u>
	Email: <u>rmcgee1763@gmail.com &amp; jschmeckle@newfields.com</u>
	Tel: <u>406-461-4037</u>
Project Name: <u>Glacier Hotel-Office</u>	Fax:
Project ID #: <u>350.0224.002</u>	P.O. #:

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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLM POINT COUNT (400)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM POINT COUNT (1000)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM GRAVIMETRIC	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM GRAV w POINT COUNT	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PCM AIR	NIOSH 7400	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	AHERA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	EPA Level II	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	NIOSH 7402	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM BULK	CHATFIELD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST WIPE	ASTM D6480-05	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST MICROVAC	ASTM D5755-03	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM QUALITATIVE	CEI LABS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LEAD PAINT	METHOD	4 HR*	8 HR*	24 HR	2 DAY	3 DAY	5 DAY
LEAD PAINT	EPA SW846 7000B	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LEAD WIPE	EPA SW846 7000B	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LEAD SOIL	EPA SW846 7000B	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LEAD AIR	NIOSH 7082	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER:	<u>DEEP PAINT</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

REMARKS: Please provide positive step analysis.

Please also provide point count 400 on all samples < 1%



Accept Samples



Reject Samples

Relinquished By: <u>Ryan McGee</u>	Date/Time: <u>6/27/16 12pm</u>	Received By: <u>Fed Ex Carrier</u>	Date/Time: <u>6/27/16 12pm</u>
		<u>AA</u>	<u>6/29/16 9:10</u>

\* Call to confirm RUSH analysis.

Samples will be disposed of 30 days after analysis





## SAMPLING FORM

## COMPANY CONTACT INFORMATION

Company: <u>New Fields</u>	Job Contact: <u>Ryan</u>
Project Name: <u>Glacier Hotel - office</u>	Sample Date: <u>6/23/16</u>
Project ID #: <u>350.0229.002</u>	Tel: <u>406-461-4037</u>

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	COMMENTS
F1.2A	12" Pattern Brn/ Gold VSF (1)		UPstairs
↓ B	↓	(2)	↓
↓ C	↓	(3)	↓
S4.3 A	Sprayed on surfacing (Bedroom) (4)		Bedroom
↓ B	↓	(5)	↓
↓ C	↓	(6)	↓
F1.5 A	Gray Cream VSF (shop bath) (7)		Shop Bath
↓ B	↓	(8)	↓
↓ C	↓	(9)	↓
F6.1A	Carpet Adhesive (stairs) (10)		Stairs
↓ B	↓	(11)	↓
↓ C	↓	(12)	↓
M15.1A	Mirror Adhesive (bath) (13)		Bathroom
↓ B	↓	(14)	↓
↓ C	↓	(15)	↓
F1.4 A	Gold/Gray/Brown Pebble VSF (16)		UPstairs
↓ B	↓	(17)	↓
↓ C	↓	(18)	↓
M7.1 A	Window Glazing (19)		Bath
↓ B	↓	(20)	↓
↓ C	↓	(21)	↓
F1.3 A	Cream VSF w/ Green Diamonds (22)		Bath
↓ B	↓	(23)	↓
↓ C	↓	(24)	↓
F1.1 A	12" Pattern VSF Marble (25)		Kitchen
↓ B	↓	(26)	↓
↓ C	↓	(27)	↓
M1.1A	Sheetrock J&T (28)		UPstairs
↓ B	↓	(29)	↓
↓ C	↓	(30)	↓

10 HAs  
30 samples



## COMPANY CONTACT INFORMATION

Job Contact: Ryan McGee

Sample Date: 6/25/2016

Tel: 406-461-4037

BLHA's in 4 HA's - 10 samples  
7 samples



## Lead TCLP Analysis Summary

**CLIENT:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

CEI Lab Code: C16-0482  
Received: 06-29-16  
Reported: 07-06-16

**Project: Glacier Hotel – Bldgs A/B; 350.0229.002**

CLIENT ID	CEI LAB ID	Sample Weight (g)	CONCENTRATION PPM (mg/L)
TCLP – 01	CA56425	100	<0.50
TCLP – 02	CA56426	100	<0.50
TCLP – 03	CA56427	100	3.5

**METHOD:** EPA SW846 1311/3010A/7000B

**REVIEWED BY:**

A handwritten signature in black ink, appearing to read "Alan Sao V. B.", is written over a horizontal line.

**REGULATORY  
LIMITS**

EPA Action Level = >5.0 mg/L

**LEGEND**

ppm = parts per million

mg = milligrams

L = Liter

All lead analyses are performed by a subcontracted accredited laboratory.





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

## CHAIN OF CUSTODY

LAB USE ONLY:

CEI Lab Code: C16-0482 (3)

CEI Lab I.D. Range: CAS6425 - CAS6427

### COMPANY CONTACT INFORMATION

Company: <u>New Fields</u>	Client #: <u>26861</u>
Address: <u>1120 Cedar St.</u>	Job Contact: <u>Ryan McGee</u>
<u>Missoula, MT 59802</u>	Email: <u>rmcgee1763@gmail.com</u>
	Tel: <u>406-461-4037</u> + <u>jschumacher@newfields.com</u>
Project Name: <u>Glacier Hotel - Bldgs A/B</u>	Fax: _____
Project ID #: <u>350.0229.002</u>	P.O. #: _____

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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLM POINT COUNT (400)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM POINT COUNT (1000)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM GRAVIMETRIC	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM GRAV w POINT COUNT	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PCM AIR	NIOSH 7400	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	AHERA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	EPA Level II	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	NIOSH 7402	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM BULK	CHATFIELD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST WIPE	ASTM D6480-05	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST MICROVAC	ASTM D5755-03	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM QUALITATIVE	CEI LABS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LEAD PAINT	METHOD	4 HR*	8 HR*	24 HR	2 DAY	3 DAY	5 DAY
LEAD PAINT	EPA SW846 7000B	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LEAD WIPE	EPA SW846 7000B	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LEAD SOIL	EPA SW846 7000B	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LEAD AIR	NIOSH 7082	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER:	<u>TCLP</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

REMARKS: Please Provide Positive-Step Analysis. Please also provide point count 400 for all samples < 1% asbestos



Accept Samples



Reject Samples

Relinquished By:	Date/Time	Received By:	Date/Time
<u>[Signature]</u>	<u>6/27/16 12pm</u>	<u>Fed Ex Carrier</u>	<u>6/27/16 12pm</u>
		<u>MA</u>	<u>6/29/16 9:10</u>

\* Call to confirm RUSH analysis.

Samples will be disposed of 30 days after analysis

## COMPANY CONTACT INFORMATION

Company: <i>NewFields</i>	Job Contact: <i>Ryan McGee</i>
Project Name: <i>Glacier Hotel - Bldgs A/B</i>	Sample Date: <i>6/22 + 6/23</i>
Project ID #: <i>350.0029.002</i>	Tel: <i>406-461-4037</i>

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	COMMENTS
T2.1A (1)	Pipe joint insulation, basement		
T2.1B (2)			
T2.1C (3)			
M12.1A (4)	Brick & mortar, exterior		
M12.1B (5)			
M12.1C (6)			
T2.3 A (7)	Strait pipe insulation, Basement		
T2.3 B (8)			
T2.3 C (9)			
M7.3 A (10)	Gray window caulking, Penthouse window		
M7.3 B (11)			
M7.3 C (12)			
M7.1 A (13)	Window glazing,		
M7.1 B (14)			
M7.1 C (15)	, Westside 2nd floor landing		
F2.1A (16)	Floral tile diamond, Main floor storage		
F1.9A (17)	VSF brown		
F2.1B (18)	Floral tile diamond,		
F1.9B (19)	VSF brown,		
F2.1C (20)	Floral tile diamond,		
F1.9C (21)	VSF brown		
M7.2 A (22)	Window glazing, Penthouse Bldg B		
M7.2 B (23)			
M7.2 C (24)			
T2.2A (25)	Pipe joint insulation, basement		
T2.2B (26)			
T2.2C (27)			
S4.1A (28)	Spray ceiling texture, Rm 216		
S4.1B (29)	, Rm 216		
S4.1C (30)	Rm 218		



### COMPANY CONTACT INFORMATION

Company: <u>NewFields</u>	Job Contact: <u>Ryan M. Stee</u>
Project Name: <u>Glacier Hotel - Bldgs A/B</u>	Sample Date: <u>6/22+6/23</u>
Project ID #:	Tel: <u>406-461-4037</u>

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	COMMENTS
M23.1A (31)	Expansion joint caulk, Between Bldg A & B		
M23.1B (32)			
M23.1C (33)			
R2.1A (34)	Roof flashing, black/gray, Silver paint		North
R2.1B (35)			Middle
R2.1C (36)			South
R4.1A (37)	Roof tar patch, white patch over black		Roof penetrations
R4.1B (38)			
R4.1C (39)			
R4.2A (40)	Roof tar patch, gray, roof Bover metal roof		West
R4.2B (41)			Middle
R4.2C (42)			East
R1.1A (43)	Flat built-up with Silver paint		building B awning
R1.1B (44)			South of stairs
R1.1C (45)			
S5.1A (46)	Plaster/skimcoat, Rm 215		
S5.1B (47)			Hall
S5.1C (48)			Rm 213
S5.1D (49)			west hall wall
S5.1E (50)			west hall
S5.3A (51)	Plaster/skimcoat,		
S5.3B (52)			Rm 203
S5.3C (53)			Rm 201
S5.3D (54)			Rm 303
S5.3E (55)			Rm 303
S5.3F (56)			1st hall next to Conference
S5.3G (57)			1st conference Rm
F1.9A (58)	VSF, Moroccan print, Laundry		
F1.9B (59)			
F1.9C (60)			



### COMPANY CONTACT INFORMATION

Company: <u>Newfields</u>	Job Contact: <u>Ryan McGee</u>
Project Name: <u>Glacier Hotel Bldgs A/B</u>	Sample Date: <u>6/22 &amp; 6/23</u>
Project ID #: <u>350.0029.002</u>	Tel: <u>406 461 4037</u>

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	COMMENTS
S5.2A (61)	Plaster rough skim ceiling, Rm 221		
S5.2B (62)	↓, Rm 216		
S5.2C (63)	↓, Rm 218		
S5.2D (64)	↓, Rm 110		
S5.2E (65)	↓, Rm 114		
M2.1A (66)	4" cream cove base, women's bath		
M3.1A (67)	white adhesive, women's bath		
M2.1B (68)	4" cream CB, ↓		
M3.1B (69)	white adhesive, ↓		
M2.1C (70)	4" cream CB, ↓		
M3.1C (71)	white adhesive, ↓		
S4.2A (72)	spray surfacing over SR, 1st hall		
S4.2B (73)	↓		
S4.2C (74)	↓		
M3.2A (75)	Gold CB adhesive, Hall in front of 203		
M3.3A (76)	Black CB adhesive, ↓		
M3.2B (77)	Gold CB adhesive, Hall in front of 204		
M3.3B (78)	Black CB adhesive, ↓		
M3.2C (79)	Gold CB adhesive, Hall in front of 203		
M3.3C (80)	Black CB adhesive, ↓		
T12.1A (81)	Blown-in insulation, Rm 204		
T12.1B (82)	↓, Rm 217		
T12.1C (83)	↓, Rm 214		
M1.1A (84)	Sheetrock JTC, ↓		
M1.1B (85)	↓		
M1.1C (86)	↓		
R6.1A (87)	Roller asphalt, Roof A		
R1.1A (88)	Flat built-up, Roof A		
R6.1B (89)	Roller asphalt, ↓		
R1.1B (90)	Flat built-up, ↓		

## COMPANY CONTACT INFORMATION

Company: <u>Newfields</u>	Job Contact: <u>Ryan McGee</u>
Project Name: <u>Glacier Hotel Bldgs A/B</u>	Sample Date: <u>6/22 &amp; 6/23</u>
Project ID #: <u>350.0029.002</u>	Tel: <u>406 461 4037</u>

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	COMMENTS
R6.1C (91)	Roller asphalt, Roof A		
R1.1C (92)	Flat built-up, &		
R3.1A (93)	Silver paint/roof tar,		
R3.1B (94)	↓		
R3.1C (95)	↓		
F1.2A (96)	VSF green diamond, bathroom		
F1.2B (97)	↓		
F1.2C (98)	↓		
F1.1A (99)	VSF brown diamond, Women's bath		
F1.1B (100)	↓		
F1.1C (101)	↓		
M1.2A (102)	Sheetrock JTC, Main floor hall		
M1.2B (103)	↓, meeting room		
M1.2C (104)	↓, Hall		
F1.5A (105)	Light gray/cream pebble pattern, Rm 204		
F1.5B (106)	↓, 2nd floor closet		
F1.5C (107)	↓, Rm 205		
F1.7A (108)	VSF Gold, Rm 212		
F1.7B (109)	↓		
F1.7C (110)	↓		
F1.3A (111)	VSF white marble pattern, Rm 202		
F1.4A (112)	VSF blue with black backing, Rm 202		
F1.3B (113)	VSF white marble, Rm 201		
F1.4B (114)	VSF blue with black backing, Rm 201		
F1.3C (115)	VSF white marble, ↓		
F1.4C (116)	VSF blue with black backing ↓		
F1.6A (117)	VSF gray/tan chip,		
F1.6B (118)	↓		
F1.6C (119)	↓		



## COMPANY CONTACT INFORMATION

Tel: 406 461 4037

Page 5 of 5



## Lead TCLP Analysis Summary

**CLIENT:** NewFields  
1120 Cedar Street  
Missoula, MT 59802

CEI Lab Code: C16-0483  
Received: 06-29-16  
Reported: 07-06-16

**Project: Glacier Hotel – Stretch Motel; 350.0229.002**

CLIENT ID	CEI LAB ID	Sample Weight (g)	CONCENTRATION PPM (mg/L)
TCLP – 04	CA56428	100	<0.50

**METHOD:** EPA SW846 1311/3010A/7000B

**REVIEWED BY:**

A handwritten signature in black ink, appearing to read "Alan Sao V. B.", is written over a horizontal line.

**REGULATORY  
LIMITS**

EPA Action Level = >5.0 mg/L

**LEGEND**

ppm = parts per million

mg = milligrams

L = Liter

All lead analyses are performed by a subcontracted accredited laboratory.





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

C16-0483 ①

CA56428

## CHAIN OF CUSTODY

### LAB USE ONLY:

CEI Lab Code: B16-4065-09

CEI Lab I.D. Range: B186465-B186551

### COMPANY CONTACT INFORMATION

Company: <u>New Fields</u>	Client #: <u>26861</u>
Address: <u>1120 Cedar St.</u>	Job Contact: <u>Ryan McGee</u>
<u>Missoula, MT. 59802</u>	Email: <u>rmcgee1763@gmail.com &amp;</u>
	Tel: <u>406-461-4037</u> <u>jschmechel@newfield.cc</u>
Project Name: <u>Glacier Hotel - stretch Motel</u>	Fax:
Project ID #: <u>350.0229.002</u>	P.O. #:

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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLM POINT COUNT (400)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM POINT COUNT (1000)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM GRAVIMETRIC	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM GRAY w POINT COUNT	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PCM AIR	NIOSH 7400	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	AHERA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	EPA Level II	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	NIOSH 7402	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM BULK	CHATFIELD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST WIPE	ASTM D6480-05	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST MICROVAC	ASTM D5755-03	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM QUALITATIVE	CEI LABS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LEAD PAINT	METHOD	4 HR*	8 HR*	24 HR	2 DAY	3 DAY	5 DAY
LEAD PAINT	EPA SW846 7000B	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LEAD WIPE	EPA SW846 7000B	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LEAD SOIL	EPA SW846 7000B	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LEAD AIR	NIOSH 7082	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER:	<u>TCLP</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

REMARKS: <u>Please provide positive step analysis. Please also provide point count 400 for all samples &lt;1% asbestos</u>		<input checked="" type="checkbox"/> Accept Samples <input type="checkbox"/> Reject Samples
Relinquished By: <u>Ryan D. Murphy</u>	Date/Time: <u>6/27/16 12pm</u>	Received By: <u>FedEx Carrier</u>
		Date/Time: <u>6/27/16 12pm</u>
		<u>AC</u>
		<u>6-29-16 9:10</u>

\* Call to confirm RUSH analysis.

Samples will be disposed of 30 days after analysis

# SAMPLING FORM

## COMPANY CONTACT INFORMATION

Company: <u>New Fields</u>	Job Contact: <u>Ryan McGeer</u>
Project Name: <u>Glacier Hotel - Stretch Motel</u>	Sample Date: <u>6/24/16</u>
Project ID #: <u>350.0229.002</u>	Tel: <u>406-461-4037</u>

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	COMMENTS
① FL.1A	VSF: Flux Stone Pattern		Unit 1
② ( B	↓		↓ 4
③ √ C	↓		↓ 7
④ FL.2A	VSF: Floral Pattern		Unit 4
⑤ ( B	↓		↓ 25
⑥ √ C	↓		↓ 6
⑦ FL.3A	VSF: Cream Chip Pattern		Unit 5
⑧ ( B	↓		↓ 5
⑨ √ C	↓		↓ 5
⑩ FL.4A	VSF: White Pebble Pattern		Unit 5
⑪ ( B	↓		↓ 5
⑫ √ C	↓		↓ 5
⑬ FL.5A	VSF: Brown Square Pattern - middle		2 <sup>nd</sup> Floor Storage
⑭ ( B	↓ (Hold Analysis on - South		↓
⑮ √ C	↓ Black Mastic) - North		↓
⑯ F3.1A	VFT: 9" Yellow		Mech. Room
⑰ F5.1 A	Black Mastic		
⑱ F3.1B	VFT: 9" Yellow		
⑲ F5.1B	Black Mastic		
⑳ F3.1C	VFT: 9" Yellow		
㉑ F5.1C	Black Mastic		
㉒ F6.1A	Carpet Adhesive		Stairwell Landing
㉓ ( B	↓		↓
㉔ √ C	↓		↓
㉕ F10.1A	Concrete thinset		Mech. Room
㉖ ( B	↓		↓
㉗ √ C	↓		↓
㉘ S3.1A	Sprayed-on Surfacing - Orange Peel		Unit 1 - Only Room
㉙ ( B	↓		↓ 1
㉚ √ C	↓		↓ 1

10 HAs - 30 samples





## SAMPLING FORM

## COMPANY CONTACT INFORMATION

Company: <u>New Fields</u>	Job Contact: <u>Ryan McGee</u>
Project Name: <u>Glacier Hotel - Stretch Motel</u>	Sample Date: <u>6/24/16</u>
Project ID #: <u>350.0229.002</u>	Tel: <u>406-461-4037</u>

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	COMMENTS
(31) S3.2A	Sprayed-on Wall Surfacing - Sandy Pattern		Unit 3
(32) ↓ B	↓		↓ 25
(33) ↓ C	↓		↓ 6
(34) T14.1A	Fiberglass Ins. w/ Black Backing		Mech Room
(35) ↓ B	↓		↓
(36) ↓ C	↓		↓
(37) T14.2A	Fiberglass Ins. w/ Paper Backing		Unit 4
(38) ↓ B	↓		↓
(39) ↓ C	↓		↓
(40) M1.1A	Sheetrock, Joint, & Tape - Original		Int Storage - Main
(41) ↓ B	↓		Stairwell
(42) ↓ C	↓		Unit 12
(43) M1.2A	Sheetrock, Joint & Tape - New		Unit 4
(44) ↓ B	↓		↓
(45) ↓ C	↓		↓
(46) M2.1A	3" Brown Cove Base - Hold Texture		Unit #4
(47) M3.1A	Cream Adhesive		↓
(48) M2.1B	3" Brown Cove Base		Unit #5
(49) M3.1B	Cream Adhesive		↓
(50) M2.1C	3" Brown Cove Base		Unit #6
(51) M3.1C	Cream Adhesive		↓
(52) M2.2A	4" Brown Cove Base		2nd Floor Storage
(53) M3.2A	Gold Adhesive		↓
(54) M2.2B	4" Brown Cove Base		↓
(55) M3.2B	Gold Adhesive		↓
(56) M2.2C	4" Brown Cove Base		↓
(57) M3.2C	Gold Adhesive		↓
(58) M3.3A	Dark Brown Cove Base Adhesive		Mech Room
(59) ↓ B	↓		
(60) ↓ C	↓		

10 HA's - 30 samples

## SAMPLING FORM

### COMPANY CONTACT INFORMATION

Company: <i>NewFields</i>	Job Contact: <i>Ryan McGe</i>
Project Name: <i>Glacier Hotel - Stretch Motel</i>	Sample Date: <i>6/24/16</i>
Project ID #: <i>350.0229.002</i>	Tel: <i>406-461-4037</i>

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	COMMENTS
61 MU.1A	12"x12" Ceiling Tile - Pressed Wood		Unit #1
62 ↓ B	↓		↓ #3
63 ↓ C	↓		↓ #6
64 F6.2A	Carpet Adhesive / Cushion		Unit #1
65 ↓ B	↓		↓ #4
66 ↓ C	↓		↓ #7
67 M8.1A	Tub Surround Caulking		Unit #9
68 ↓ B	↓		↓ #7
69 ↓ C	↓		↓ #4
70 M7.1A	Window Glazing		Unit #2
71 ↓ B	↓		↓ #27
72 ↓ C	↓		↓ #26
73 M11.1A	Concrete		NE Corner
74 ↓ B	↓		Middle
75 ↓ C	↓		NW Corner
76 M12.1A	CMU Block / Mortar		NE Corner
77 ↓ B	↓		Middle
78 ↓ C	↓		NE Corner
79 M21.1A	Wainscot Cream Adhesive		Unit #4
80 ↓ B	↓		↓ #6
81 ↓ C	↓		↓ #26
82 M21.2A	4" Plastic Tile Cream Adhesive		Unit #1
83 ↓ B	↓		↓ #6
84 ↓ C	↓		↓ #7
85 M21.3A	Wood Panel Adhesive		Unit #7
86 ↓ B	↓		Storage Rm
87 ↓ C	↓		Unit #7
TCLP-04			

9 HA's - 27 samples



A photograph of a three-story brick building with a fire escape and a map overlay. The building is made of light brown brick and has several windows. A fire escape is attached to the side of the building. A map overlay is visible in the foreground, showing a yellowish-brown terrain with blue lines representing water bodies and black lines representing roads or boundaries. The text "APPENDIX D" is overlaid on the image in a large, bold, black, serif font.

# APPENDIX D

## SITE PHOTOGRAPHS





Photo 1. Fire damage on the third floor hall of the hotel/lounge, facing east.



Photo 2. Hotel addition on the hotel/lounge building, facing northeast.



Photo 3. Black mold on the ground floor ceiling of the hotel/lounge building.



Photo 4. Mold on the second floor of the hotel/lounge building.





Photo 5. Positive lead check on the green paint on the north wall of the hotel/lounge building.



Photo 6. Water damage in a second floor hotel room in the hotel/lounge building.



Photo 7. Lounge in the hotel/lounge building, facing southeast.



Photo 8. Trespasser/squatter impacts in a second floor hotel room, in the hotel/lounge building.



Photo 9. Third floor fire damage and squatter impacts in the hotel/lounge.



Photo 10. Fire damage on the second floor stair well, in the hotel/lounge building.



Photo 11: Asbestos positive thermal systems insulation in the basement of the hotel/lounge building.



Photo 12. Lounge roof, facing northwest.



Photo 13. Office building, facing south.



Photo 14. Motel building, facing south.



The background of the page features a photograph of a three-story brick building. The building has several windows, some with white frames, and a fire escape on its side. A semi-transparent map of a region, likely in the western United States, is overlaid on the right side of the image. The map shows state boundaries and topographical features like mountains and rivers. The word "APPENDIX E" is written in a large, bold, black, serif font across the upper portion of the image, partially overlapping the building and the map.

# APPENDIX E

## ASBESTOS ABATEMENT COST ESTIMATE

BUILDING MATERIALS ABATEMENT COST ESTIMATE					
Glacier Hotel (Abatement)					
Cut Bank, Montana					
Item Number	Description	Quantity	Unit	Unit Cost <sup>1</sup>	Total
<b>Asbestos Abatement</b>					
1	Abatement Contractor Mobilization	1	l.s.	\$4,000.00	\$4,000
	<b>Hotel</b>				
2	Pipe Insulation	235	LF	\$20.00	\$4,700
4	Mudded fittings	30	LF	\$30.00	\$900
5	Window Glazing	47	LS	\$175.00	\$8,225
6	Yellow Mastic	250	SF	\$3.25	\$813
9	Joint Caulk	30	LF	\$8.10	\$243
10	White Plaster Skim Coat Ceilings	6750	SF	\$4.00	\$27,000
11	White Plaster Skim Coat Walls	1100	SF	\$4.00	\$4,400
12	Laundry Room VSF	460	SF	\$7.08	\$3,257
13	Gray/Cream VSF	85	SF	\$7.08	\$602
14	Bathroom VSF	825	SF	\$7.08	\$5,841
15	Roofing	6400	SF	\$4.50	\$28,800
16	Roof Flashing	450	LF	\$4.50	\$2,025
	<b>Lounge</b>				
17	Popcorn Ceiling Texture	1,370	SF	\$8.00	\$10,960
18	Silver Paint/ Black Roof Coat	4,000	LF	\$4.50	\$18,000
19	Black Flashing	265	LF	\$4.50	\$1,193
	<b>Motel</b>				
20	Wainscott Adhesive	350	sf	\$3.75	\$1,313
21	Panel Adhesive	360	sf	\$3.75	\$1,350
22	Yellow VFT	25	sf	\$2.60	\$65
23	Sheetrock JCT - Walls	6,000	lf	\$4.00	\$24,000
24	Sheetrock JCT - Ceilings	1,610	sf	\$4.00	\$6,440
25	Roofing	2,990	sf	\$4.50	\$13,455
	<b>Office</b>				
26	Wall Surfacing	800	sf	\$4.00	\$3,200
27	Tan Adhesive	800	lf	\$3.65	\$2,920
28	Sheetrock JCT - Walls and Ceilings	800	sf	\$4.00	\$3,200
29	Mirror Adhesive	3	sf	\$3.65	\$11
30	Roofing	875	sf	\$4.50	\$3,938
	<b>General</b>				
31	Abatement Supplies (sheeting, bags, tyvek, etc...)	1	l.s.	\$7,500.00	\$7,500
32	Landfill Asbestos Fee	100.34	C.Y.	\$40.00	\$4,014
33	DEQ Asbestos Removal Permit	1	%	10	\$19,236
<b>Contingency</b>					
34	Contingency	1	%	10	\$21,160
<b>Total Asbestos Abatement Cost Estimate</b>					<b>\$232,758</b>
<b>Notes/Assumptions:</b>					
<sup>1</sup> Where applicable, Unit Costs include disposal. This estimate does not include: <ul style="list-style-type: none"> <li>a. Engineering oversight of abatement activities or clearance testing</li> <li>b. Development of an abatement plan, developing bid specifications, or project management</li> </ul> This estimate should be considered preliminary based on the findings of the site investigation. Unit costs are estimated based on experience overseeing similar projects. Costs will vary between abatement contractors during the bid process.					

BUILDING MATERIALS ABATEMENT COST ESTIMATE Glacier Hotel (Demolition) Cut Bank, Montana					
Item Number	Description	Quantity	Unit	Unit Cost <sup>1</sup>	Total
<b>Demolition</b>					
37	Hotel/Lounge Demolition	1	l.s.	\$92,000.00	\$92,000.00
38	Motel Demoliton	1	l.s.	\$25,000.00	\$25,000.00
39	Office Demolition	1	l.s.	\$7,000.00	\$7,000.00
40	Hotel/Lounge Landfill Fee	996	ton	\$30.00	\$29,880.00
41	Motel Landfill Fee	317	ton	\$30.00	\$9,519.00
42	Office Landfill Fee	114	ton	\$30.00	\$3,420.00
43	Debris Hauling	150	hours	\$130.00	\$19,500.00
<b>Contingency</b>					
44	Contingency	1	%	10	\$18,632
<b>Total Demolition Cost Estimate</b>					<b>\$204,951</b>
<b>Notes/Assumptions:</b> This estimate does not include: <ul style="list-style-type: none"> <li>a. Engineering oversight</li> <li>b. Development of an demolition plan, developing bid specifications, or project management</li> </ul>					