



ENVIRONMENTAL INC

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RESTORATION

HAZMAT

LEAD

ASBESTOS

Asbestos Sampling Report

Date: 06/22/2023

Date of Inspection: 06/16/2023

Client:

City of Grand Junction Public Works
333 West Ave Building A
Grand Junction, CO 81501

Attn:

Jim Stavis

Building Inspector:

Joshua Johnson

CDPHE #18401

Property Address

**333 West Ave Building A
Grand Junction, CO 81501**

Element Environmental Project#:

GJ 061623 Waste

Client Job Name

Waste Office

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Asbestos Samples Analyzed: 4
Positive Asbestos Samples: 0

1.0- This was an inspection for suspect ACM (Asbestos Containing Material) for a remodel. Element Environmental conducted a visible inspection for visible materials that would be impacted during the remodel. This inspection was limited to the areas found in the Description of the [Sampling Area 7.0](#). Although sampling is destructive in nature, this was a non-invasive inspection. It was of materials that were accessible. If other suspect materials become visible/apparent during demolition or construction activities, work in that area should be halted and more sampling/testing must take place, per Colorado regulations. Any suspect materials that were not tested are to be assumed to contain asbestos.

2.0- A limited bulk sampling of all suspect materials was conducted in accordance with Colorado State Requirements. The minimum number of samples per homogenous areas are as follows:

2.1- Surfacing Materials-	<1,000 sq.ft.-	Minimum of 3 samples
	1,000 sq.ft.- 5,000sq.ft.-	Minimum of 5 samples
	>5,000 sq.ft.	Minimum of 7 samples
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2.2- Miscellaneous materials-		Minimum of 2 samples
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2.3- Thermal Systems Insulation (TSI)-		Minimum of 3 samples

3.0- The purpose of the inspection is to identify materials that are homogenous. A homogeneous area is defined as one which shares suspect material, texture, color, location, and/or apparent time of construction. The materials are touched to determine friability. Friable ACM is material that can be crushed or reduced to powder by hand pressure. The friable materials are segregated into separate homogenous areas. The size of the sampling area is determined. Samples are taken according to a random numerical sequence of the subareas, following guidelines per the EPA Pink Book: Asbestos in Buildings: Simplified Sampling Scheme for Friable Surfacing Materials.

4.0- Joshua Johnson, a Colorado Department of Public Health & Environment certified building inspector, certification number: 18401, performed the inspection. Samples taken were sent to CEI Labs in Cary, North Carolina. The samples were analyzed by PLM (Polarized Light Microscopy) analysis. Per the CDPHE Regulation any sample that is found by a lab to be trace, or <1% asbestos, is considered to be ACM material. This material would still be a regulated material by CDPHE. The sample must have an additional “point count” performed to be considered less than 1% and not be regulated by the CDPHE. The lab’s documents with analyses and findings are found below.

5.0- SUSPECT MATERIALS SAMPLES

- Vinyl Floor Tile
- Mastic

6.0- TABLE OF RESULTS

HOMOGENOUS AREA	DESCRIPTION OF AREA	ACM CATEGORY	NUMBER OF SAMPLES	APPROXIMATE SQ.FT.*	ACM ASSESSMENT CATEGORIES	% AND TYPE OF ASBESTOS FOUND
(A)	Vinyl Floor Tile and Mastic	Miscellaneous	4	~3,000 sq.ft.	Non-Friable Non-ACM	No Asbestos Detected

Key:

ACM Assessment Categories:

- 1- Damaged or significantly damaged Thermal Systems Insulation (TSI) ACM
- 2- Damaged friable surfacing ACM
- 3- Significantly damaged friable Surfacing ACM
- 4- Damaged or significantly damaged friable Miscellaneous ACM
- 5- ACM with potential for damage

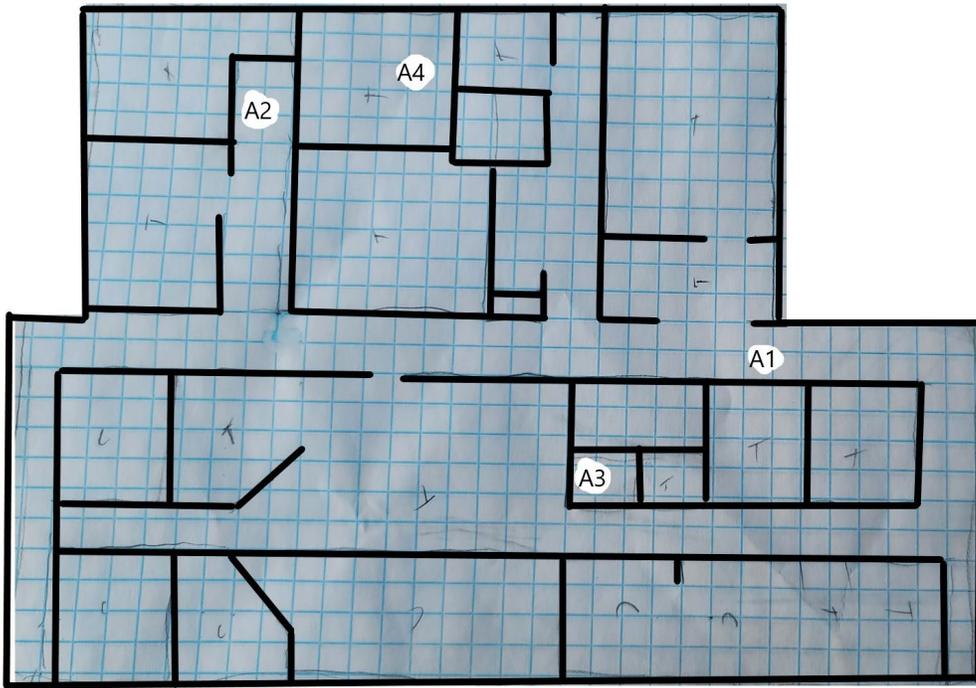
- 6- ACM with potential for significant damage
- 7- Friable ACM with low potential for damage
- Other- ACM not classified in the above Assessment Categories
- N/A- Not Applicable

* Square footage is estimated and not for bidding purposes

7.0- DESCRIPTION OF SAMPLING AREA

- Vinyl Floor Tile and Mastic

Sampling Locations



NTS

8.0- CONCLUSION

No asbestos was detected in any of the samples taken.

Sincerely,
Josh Johnson



189 county rd 135 glenwood springs, co 81601 970.274.3139
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9.0- LAB REPORT



ASBESTOS ANALYTICAL REPORT By: Polarized Light Microscopy

Prepared for

Element Environmental LLC

CLIENT PROJECT: GJ 061623 Waste, 333

LAB CODE: B2313018

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

REPORT DATE: 06/22/23

TOTAL SAMPLES ANALYZED: 4

SAMPLES >1% ASBESTOS:

730 SE Maynard Road • Cary, NC 27511 • 919.481.1413



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Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: GJ 061623 Waste, 333

LAB CODE: B2313018

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
333 A1		B2313018.01A	Off-white	Floor Tile	None Detected
		B2313018.01B	Black	Mastic	None Detected
333 A2		B2313018.02A	Off-white	Floor Tile	None Detected
		B2313018.02B	Black	Mastic	None Detected
333 A3		B2313018.03A	Off-white	Floor Tile	None Detected
		B2313018.03B	Black	Mastic	None Detected
333 A4		B2313018.04A	Off-white	Floor Tile	None Detected
		B2313018.04B	Black	Mastic	None Detected



ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Element Environmental LLC
2314 Stone Creek Court
Grand Junction, CO 81507

Lab Code: B2313018
Date Received: 06-20-23
Date Analyzed: 06-22-23
Date Reported: 06-22-23

Project: GJ 061623 Waste, 333

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
333 A1 B2313018.01A	Floor Tile	Homogeneous Off-white Non-fibrous Bound	100%	Vinyl	None Detected
B2313018.01B	Mastic	Homogeneous Black Non-fibrous Bound	100%	Tar	None Detected
333 A2 B2313018.02A	Floor Tile	Homogeneous Off-white Non-fibrous Bound	100%	Vinyl	None Detected
B2313018.02B	Mastic	Homogeneous Black Non-fibrous Bound	100%	Tar	None Detected
333 A3 B2313018.03A	Floor Tile	Homogeneous Off-white Non-fibrous Bound	100%	Vinyl	None Detected
B2313018.03B	Mastic	Homogeneous Black Non-fibrous Bound	100%	Tar	None Detected
333 A4 B2313018.04A	Floor Tile	Homogeneous Off-white Non-fibrous Bound	100%	Vinyl	None Detected



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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
B2313018.04B	Mastic	Homogeneous Black Non-fibrous Bound		100% Tar	None Detected

10.0- CERTIFICATES

