Krazan & ASSOCIATES, INC.

GEOTECHNICAL ENGINEERING • ENVIRONMENTAL ENGINEERING
CONSTRUCTION TESTING & INSPECTION

May 29, 2024

LIMITED HAZMAT SURVEY REPORT
SOUTH HILL CENTER SPACES 10 & 10A
4102D SOUTH MERIDIAN,
PUYALLUP, WASHINGTON 98373

1.0 Introduction

This report presents the results of our limited hazardous materials (hazmat) survey for the building at the referenced location in Puyallup, WA. The limited hazmat survey was conducted under the conditions of Krazan & Associates of Washington, Inc. dba Krazan & Associates, Inc.'s (Krazan's) Proposal No. E24033WAT, dated May 13th, 2024. Mr. Peter Emsky of Kimco Realty gave written authorization on May 14th, 2024, for Krazan to proceed with the limited hazmat survey.

Executive Summary

This report presents the results of our limited hazardous materials survey for the interior and roof assembly of the subject property. The subject property is located at in Space 10 and 10A at 4102D South Meridian, Puyallup, Washington.

No asbestos-containing materials (ACMs) were identified on the subject property. None of the samples collected from the on-site structure contained one percent or more of asbestos.

No lead-based paints (LBPs) were identified within the client-defined areas of the subject property. The samples collected from the on-site structure did not contain greater than or equal to 0.5 percent by weight (5,000 ppm) lead.

2.0 Purpose and Scope of Work

The purpose of the limited hazmat survey was to identify and quantify the presence of asbestos-containing material (ACM) and lead-based paint (LBP) within the interior and roof assembly of the subject property. The scope of work for the hazmat survey includes conducting a visual survey of the client defined areas of the interior and roof assembly, and conducting bulk sampling and analysis of materials suspected to contain asbestos or lead-based paint, per client request. The remaining exterior of the building was excluded from the survey per client request. This survey was performed in accordance with applicable local, state, and federal regulations.

The Krazan representative collected samples and obtained analytical data for suspect ACM and suspect LBP identified in client defined areas of the interior and roof assembly, as designated on the attached Site Plan. Once collected, each bulk sample was sealed in unadulterated plastic bags to eliminate the possibility of cross-contamination. "Chain-of-Custody" tracking was followed to maintain sample integrity during handling and transport to the lab. A walk-through inspection of all client-specified accessible areas of this structure was performed to identify potential hazardous materials. The walk-

through inspection included a review of the internal aspects of the client-specified areas. The locations and types of potential hazardous materials were noted.

3.0 Building Description

The site consists of one (1) approximately 33,000-square foot commercial retail building. The building is designated as Spaces 10 and 10A, located at 4102d South Meridian, Puyallup, Washington. The building is a steel-framed structure with concrete slab-on-grade foundations. Interior construction included drop style ceiling tile in some areas, masonry walls, and a combination of carpet, tile, and vinyl floors.

4.0 Investigative Methods

4.1 Survey Protocols

4.1.1 Asbestos

On May 21st, 2024, the Krazan field inspector, Mr. Jessep Englert, collected a total of fifty-one (51) asbestos samples representing seventeen (17) types of suspect homogenous materials from within the client-identified project areas. Mr. Englert is an Asbestos Building Inspector, certified under the requirements of the United States Environmental Protection Agency (EPA) Asbestos Hazard Emergency Response Act (AHERA) regulation 40 CFR 763, Subpart E. A copy of his certificate is provided in Appendix B. Sample locations for this survey were chosen in a semi-random fashion with emphasis placed on minimizing damage to the sampled materials. Bulk samples were collected by carefully removing a small amount of the suspect material in a non-abrasive manner. If possible, samples were collected from existing damaged areas or loose pieces of materials. Each sample was placed in a separate sealed plastic bag, and labeled with the project number and sample number. Refer to the Site Plan following the text for the bulk sample locations.

4.1.2 Lead

The Krazan inspector collected a total of seven (7) representative samples of paint and material from within the client-identified project areas. Once collected, the bulk samples were sealed in unadulterated plastic bags to eliminate the possibility of cross-contamination. “Chain of Custody” tracking was followed to maintain sample integrity during handling and transport to the lab. Sampling was representative of all layers of paint.

4.2 Laboratory Analytical Methods

4.2.1 Laboratory Analysis: Asbestos

All asbestos samples were delivered to EMSL Analytical Laboratories under strict chain of custody. EMSL Analytical is accredited by the National Institute of Standards and Technology (NIST) under the National Volunteer Laboratory Accreditation Program (NVLAP) program for bulk asbestos fiber analysis; NVLAP Lab Code 200613-0.

In accordance with 40 CFR Appendix E to Subpart E of Part 763, and EPA 600/R-93/116, asbestos samples were analyzed at EMSL Analytical using polarized light microscopy (PLM) with dispersion staining. If samples are not homogeneous, then sub-samples of the components are analyzed separately. Findings for samples containing more than one separable layer of materials are reported for each layer. The asbestos concentration in the sample is determined by visual estimation. Copies of the laboratory report and field data form for asbestos samples are shown in Appendix A.

4.2.2 Laboratory Analysis: Lead

Samples were analyzed for the presence of inorganic lead at EMSL Analytical Laboratories using a combination of methods including: atomic absorption spectroscopy (AAS) in accordance with EPA SW 846, method EPA 3050B/7000B. These methods report results in milligrams per kilogram (mg/kg), or its equivalent, parts per million (ppm). EMSL Analytical Laboratories is a Washington Department of Ecology-accredited laboratory; Laboratory ID #C1025. Copies of the laboratory report and field data form for lead samples are shown in Appendix A.

5.0 Results of Investigation

As stated previously, fifty-one (51) total samples of suspected ACM and seven (7) samples of suspected LBP were collected from the client-identified project areas of the interior and roof assembly of the subject property. Analytical laboratory results and field observations of the materials sampled for asbestos and lead have been summarized on Table 5.1 and 5.2, respectively. Information presented within these tables includes the sample number, the sample description, the location where the sample was obtained, the asbestos content, the volume of ACMs/LBPs identified (typically expressed in square feet), the condition of the material sampled, and a listing of locations where similar (homogenous) ACMs were also noted (although not necessarily sampled in these areas). In addition, footnotes have been provided to convey pertinent information regarding the specific sample or homogenous material.

Asbestos

No asbestos-containing materials (ACMs) were identified on the subject property. None of the samples collected from the on-site structure contained one percent or more of asbestos.

Table 5.1 Inventory of Suspect Asbestos-Containing Materials

HM#	Material Description by Layer	Location	Asbestos	Quantity	Friable	Condition
01(7)	Layer 1-light brown vinyl Layer 2-yellow mastic	Main floor vinyl of main shopping space	1: NAD 2: NAD	NA	NF	G
02(2)	Layer 1- wood/brown vinyl Layer 2-yellow mastic Layer 3-gray leveler	Main lobby floors accent vinyl	1: NAD 2: NAD 3: NAD	NA	NF	G
03(7)	Layer 1- gray floor coating	Portions of North, South, East, & West main lobby floors	1: NAD	NA	NF	G
04(2)	Layer 1- black carpet Layer 2-black padding	Main entrance carpeting	1: NAD 2: NAD	NA	NF	G

05(2)	Layer 1-white tape Layer 2-joint compound	Southwest corner electrical room	1: NAD 2: NAD	NA	F	G
06(2)	Layer 1-gray white caulking Layer 2-gray caulk	Roof panel joints and exhaust pipes	1: NAD 2: NAD	NA	F	G
07(7)	Layer 1-gray white liner Layer 2-tan mastic Layer 3-gray felt	Entire roof of both spaces	1: NAD 2: NAD 3: NAD	NA	NF	G
08(2)	Layer 1-white caulking	Both restroom fixtures caulking	1: NAD	NA	NF	F
09(2)	Layer 1-gray floor tile	Both restroom's floors	1: NAD	NA	NF	G
10(2)	Layer 1-white wall tile	Both restroom's walls	1: NAD	NA	NF	G
11(2)	Layer 1-black toe board Layer 2-yellow mastic	Main floor column and mezzanine toe boards	1: NAD 2: NAD	NA	NF	P
12(2)	Layer 1-gray vinyl floor tile Layer 2-yellow mastic	Main floor breakroom and stair landing	1: NAD 2: NAD	NA	NF	G
13(5)	Layer 1-white ceiling tile	Mezzanine and office areas drop ceiling tile	1: NAD	NA	F	F
14(1)	Layer 1-gray sink coating	Main floor breakroom sink	1: NAD	NA	F	G
15(2)	Layer 1-vinyl wall covering	Office hallway wall covering	1: NAD	NA	F	G
16(2)	Layer 1-gray vinyl covering Layer 2-yellow mastic	Mezzanine and office area stairs	1: NAD 2: NAD	NA	NF	G

17(2)	Layer 1-multicolored carpet Layer 2-black pad Layer 3-yellow mastic	Throughout mezzanine floors	1: NAD 2: NAD 3: NAD	NA	NF	G

Notes:
Numbers in parenthesis denotes number of samples collected of each homogenous type.
NAD = No Asbestos Detected.
NA = Not Applicable.
Bold = contains one percent or more of asbestos.
F/NF = Friable/Non-Friable.
G/F/P = Good/Fair/Poor.

Any suspect material(s) not identified above should not be disturbed and should be tested immediately. The suspect material must be treated as asbestos-containing until testing proves otherwise.

Lead

No lead-based paints (LBPs) were identified within the client-defined areas of the subject property. The samples collected from the on-site structure did not contain greater than or equal to 0.5 percent by weight (5,000 ppm) lead.

Table 5.2 Inventory of Suspect Lead-Containing Materials

Sample #	Material Description	Location	Lead in ppm	Lead %	Cond.
L-1-1	white paint chips	Main floor wall and column paint	<380	<0.038	G
L-1-2	white paint chips	Main floor wall and column paint	<80	<0.008	G
L-1-3	white paint chips	Main floor wall and column paint	<190	<0.019	G
L-2	gray paint chips	Mezzanine doors trim paint	Insufficient Mass – unable to perform analysis.		
L-3-1	white/brown paint chips	Mezzanine and office area wall paint	<310	<0.031	F
L-3-2	white/brown paint chips	Mezzanine and office area wall paint	<300	<0.030	F
L-3-3	white/brown paint chips	Mezzanine and office area wall paint	<360	<0.036	F

Notes:
All results displayed in ppm = Parts Per Million unless otherwise noted.
Bold = contains greater than or equal to 0.5 percent by weight (5,000 ppm) lead.

NA = Not Applicable.
G/F/P = Good/Fair/Poor.

Any suspect material(s) not identified above should not be disturbed and should be tested immediately. The suspect material must be treated as asbestos-containing until testing proves otherwise.

6.0 Conclusions

6.1 Asbestos

No asbestos-containing materials (ACMs) were identified on the subject property. None of the samples collected from the on-site structure contained one percent or more of asbestos.

Contractors should be aware that concealed suspect asbestos-containing building materials may be uncovered during the course of demolition or renovation work. Contractors should have contingency plans that include stopping work, evacuation of the immediate area and sampling by a certified AHERA Building Inspector whenever these materials are found. Concealed suspect materials may include, but are not limited to: non-fiberglass pipe or roof drain insulation; spray-applied coatings; cement board; asphalt or paper vapor barriers; floorings; electrical wiring and adhesives.

If discovered, all asbestos-containing materials that will be disturbed as a natural part of renovation and/or demolition are required to be removed and disposed of in accordance with Washington State regulations. State and local laws require that such abatement be performed using Certified Asbestos Workers under the direct on-site supervision by a Certified Asbestos Supervisor.

Based on our conclusions, Krazan is making the following recommendations regarding asbestos:

- A copy of this inspection report should be maintained at the project site during the duration of any renovations.
- A copy of this inspection report should be provided to the General Contractor and any Sub Contractors working on the renovation project.
- The inspection report is not intended to serve as a design document, or scope of work prior to renovation.

Estimated Asbestos Abatement or Management Costs:

No asbestos-containing materials were identified in the survey area; therefore, estimated abatement costs are not provided.

6.2 Lead

No lead-based paints (LBPs) were identified within the client-defined areas of the subject property. The samples collected from the on-site structure did not contain greater than or equal to 0.5 percent by weight (5,000 ppm) lead.

Note: While paint sample L-2 contained insufficient mass to be able to perform analysis, based on the other pain samples collected throughout the project space, Krazan does not anticipate this paint to pose a health risk at this time.

Estimated Lead Abatement or Management Costs:

No lead-based paint materials were identified in the survey area; therefore, estimated abatement costs are not provided.

7.0 Limitations

This survey and review of the subject property has been limited in scope. This investigation is undertaken with the risk that visual observations and random sampling alone would not reveal the presence, full nature, and extent of all potentially hazardous materials. Krazan makes no representation as to the presence of hazardous materials not sampled or that were inaccessible to our inspector (i.e., between walls, beneath floors, in pipe chases, etc.). The sample locations and building dimensions were measured/located in the field by tape measurement from existing features. Therefore, the sample locations, building dimensions, and approximate square footage of asbestos-containing materials should be considered accurate only to the degree implied by the methods used.

The findings presented in this report were based on field observations, random sampling and analysis, review of available data, and discussions with local regulatory and advisory agencies. Therefore, the data obtained are clear and accurate only to the degree implied by the sources and methods used. The information presented herewith was based on professional interpretation using presently accepted methods with a degree of conservatism deemed proper as of the report date. We do not warrant that future technical developments cannot supersede such data.

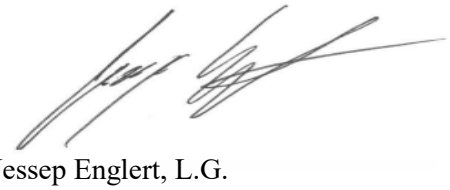
This hazmat survey is not intended to be the sole basis for hazardous materials removal bids. Confirmation of the condition, volume, and estimates of removal costs of hazardous materials should be conducted by prospective removal contractors prior to accepting removal bids.

This report is provided for the exclusive use of the client noted on the cover page and is subject to the terms and conditions in the applicable contract between the Client and Krazan. The client is the only party to whom Krazan has explained the risks involved and has been involved in the shaping of the scope of services needed to satisfactorily manage those risks, if any, from the client's point of view. Any third-party use of this report, including use by the Client's lender, prospective purchaser, or lessee will be subject to the terms and conditions governing the contractual work between the Client and Krazan. The unauthorized use of, reliance on, or release of the information contained in this report, without the expressed written consent of Krazan, is strictly prohibited and will be without risk or liability to Krazan.

Asbestos analysis was conducted by a laboratory accredited under the National Voluntary Laboratory Accreditation Program (NVLAP) administered by the National Institute of Standards and Technology (NIST). The results of the asbestos analyses are accurate only to the degree and care of ensuring the testing accuracy and the representative nature of the samples obtained.

If you have any questions or if we may be of further assistance, please do not hesitate to contact our office at (253) 939-2500.

Respectfully submitted,
KRAZAN & ASSOCIATES, INC.



Jessep Englert, L.G.
AHERA Certified Building Inspector No. 186758
Field Geologist/Environmental Professional
Krazan & Associates

Attachments:

Figure 1. Site Plan following text
Appendix A. EMSL Analytical, Inc Laboratory Report, May 22, 2024 following figure 1
EMSL Analytical, Inc Laboratory Report, May 28, 2024
Appendix B. AHERA Certified Building Inspector Certificate

TABLE OF CONTENTS
Project No. 064-24019

Page

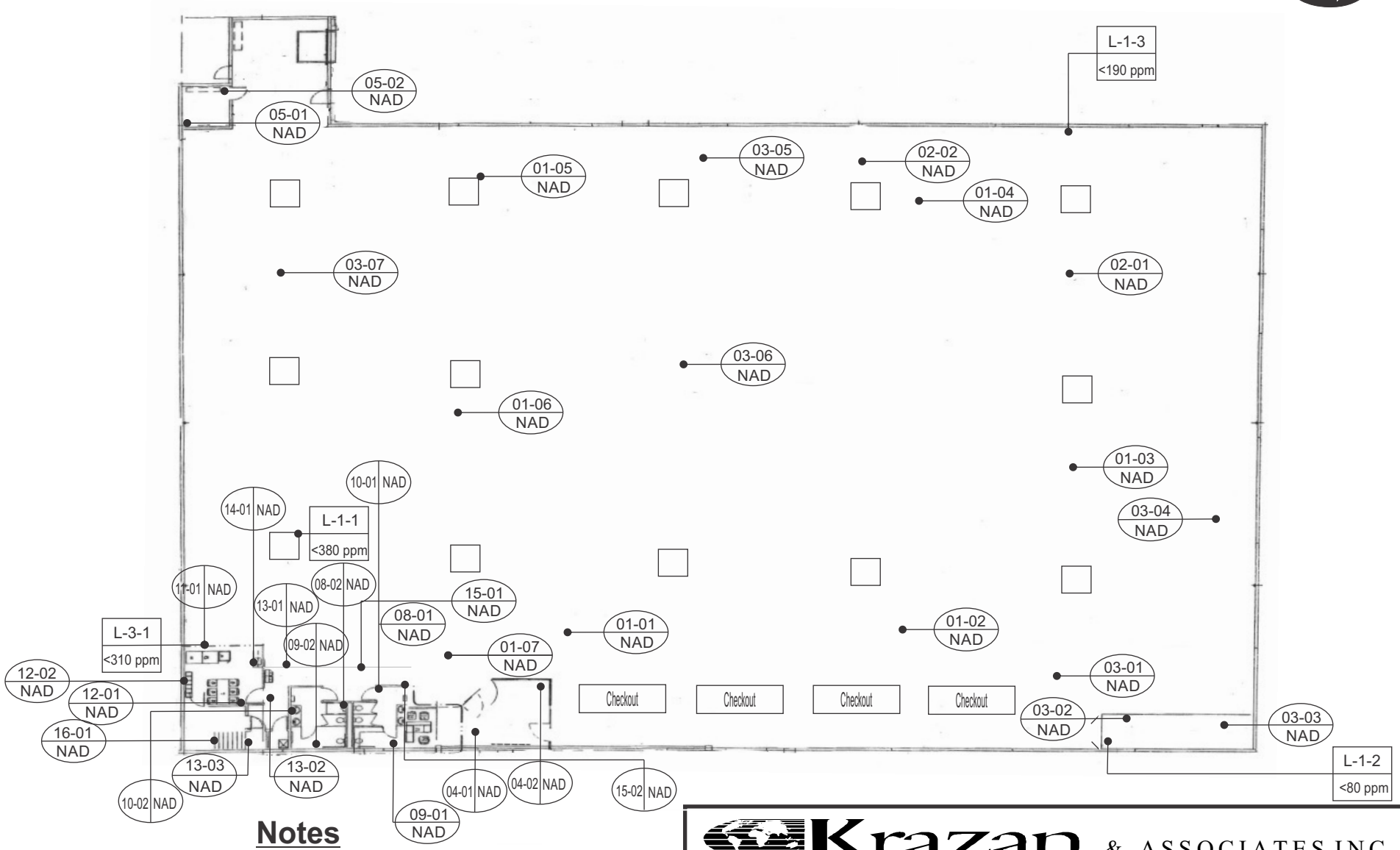
1.0 INTRODUCTION 1
EXECUTIVE SUMMARY 1
2.0 PURPOSE AND SCOPE OF WORK 1
3.0 BUILDING DESCRIPTION 2
4.0 INVESTIGATIVE METHODS 2
4.1 Survey Protocols 2
4.1.1 Asbestos 2
4.1.2 Lead 2
4.2 Laboratory Analytical Methods 2
4.2.1 Laboratory Analysis: Asbestos 2
4.2.2 Laboratory Analysis: Lead 3
5.0 RESULTS OF INVESTIGATION 3
5.1 Inventory of Asbestos Containing Building Materials 3
5.2 Inventory of Suspect Lead-Based Paint Coatings 5
6.0 CONCLUSIONS 6
6.1 Asbestos 6
6.2 Lead 6
7.0 LIMITATIONS 7

Figures
Asbestos/Lead Survey Results/Site Plan ..... following text

Appendices
Analytical Results and Chain-of-Custody Records ..... A
Inspector Certification ..... B

Site Plan

(Not to Scale)



13-1

Notes

NAD = No Asbestos Detected

ACM = Asbestos Containing

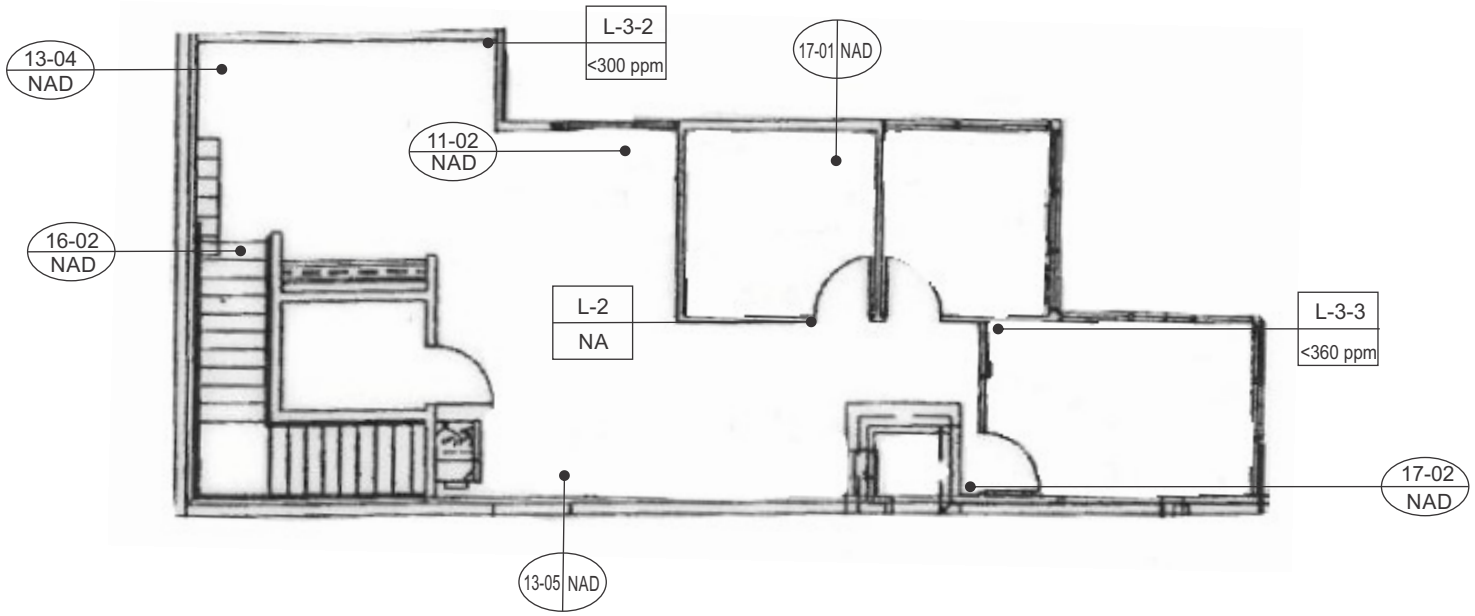
ppm = parts per million

Krazan & ASSOCIATES, INC.

South Hill Center Spaces 10 & 10A Hazmat - 4102d South Meridian, Puyallup, WA		
Date: May, 2024	Main Floor	
Drawn By: JDE	Sample Locations	Project Number: 064-24019

Site Plan

(Not to Scale)



Notes

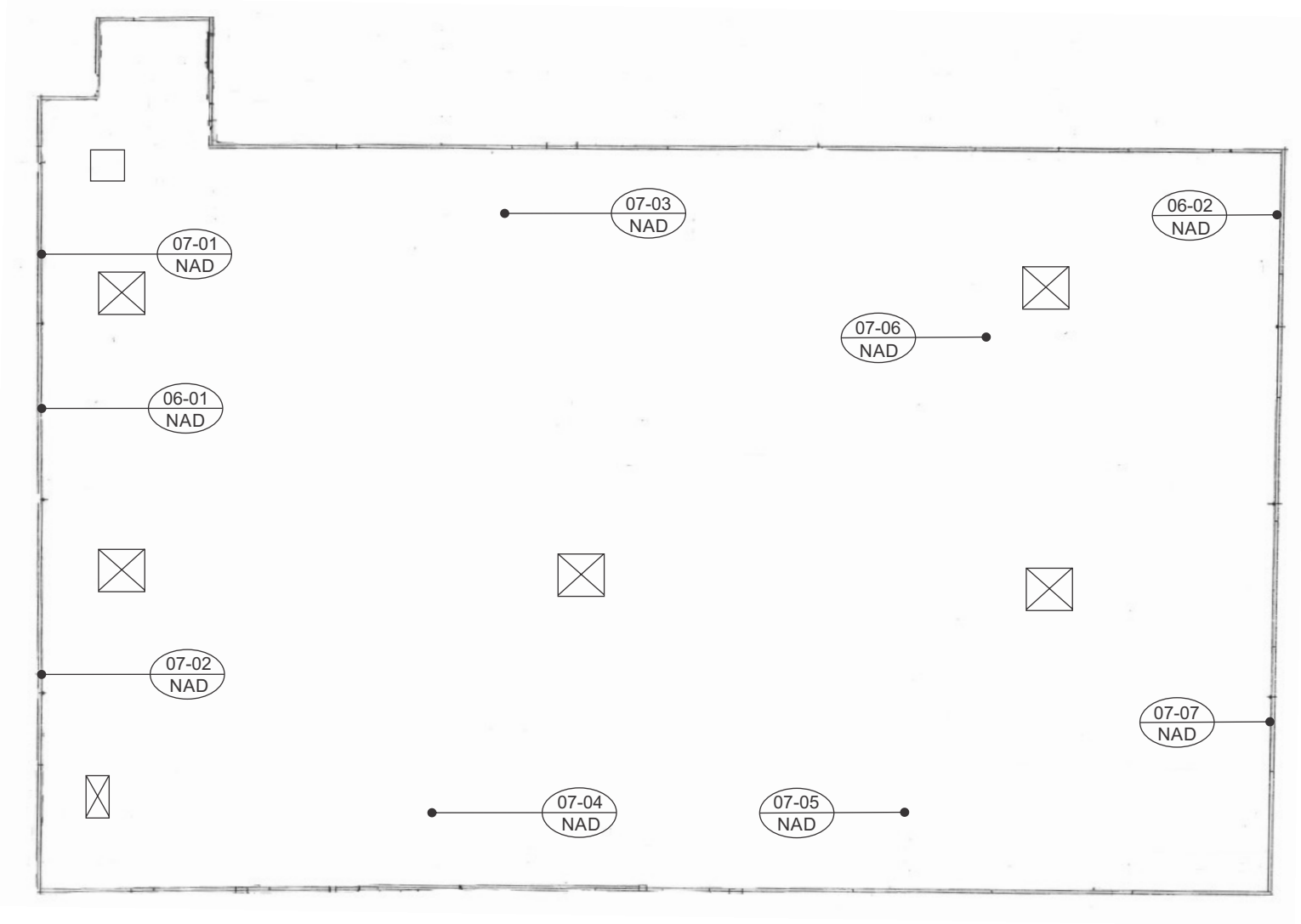
NAD = No Asbestos Detected
ACM = Asbestos Containing
ppm = parts per million

Krazan & ASSOCIATES, INC.

South Hill Center Spaces 10 & 10A Hazmat - 4102d South Meridian, Puyallup, WA		
Date: May, 2024	Mezzanine	
Drawn By: JDE	Sample Locations	Project Number: 064-24019

Site Plan

(Not to Scale)



Notes

NAD = No Asbestos Detected
ACM = Asbestos Containing
ppm = parts per million

Krazan & ASSOCIATES, INC.

South Hill Center Spaces 10 & 10A Hazmat - 4102d South Meridian, Puyallup, WA		
Date: May, 2024	Roof	
Drawn By: JDE	Sample Locations	Project Number: 064-24019

Appendix A

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Lead Chain of Custody

EMSL Order Number / Lab Use Only

122452828

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077

PHONE: (800) 220-3675
EMAIL: CinnaminsonLeadLab@emsl.com

Customer Information		Billing Information	
Customer ID:	KRAS75	Billing ID:	
Company Name:	Kruzan & Associates	Company Name:	
Contact Name:	Jessep Englot	Billing Contact:	
Street Address:	825 Castle St	Street Address:	Same
City, State, Zip:	Tacoma, WA, 98409	Country: U.S	City, State, Zip: Country:
Phone:	253-934-2500	Phone:	
Email(s) for Report:	jessepenglot@kruzan.com	Email(s) for Invoice:	

Project Information

Project Name/No:	South Hill Castle 10:10A Hazmat / 064 24019	Purchase Order:	
EMSL LIMS Project ID: (If applicable, EMSL will provide)		US State where samples collected:	WA
State of Connecticut (CT) must select project location:	☐ Commercial (Taxable) ☐ Residential (Non-Taxable)		
Sampled By Name:	Jessep Englot	Sampled By Signature:	
No. of Samples in Shipment			

Turn-Around-Time (TAT)

☐ 3 Hour ☐ 6 Hour ☒ 24 Hour ☐ 32 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Please call ahead for large projects and/or turnaround times 6 Hours or Less. *32 Hour TAT available for select tests only; samples must be submitted by 11:30am.

MATRIX	METHOD	INSTRUMENT	REPORTING LIMIT	SELECTION
CHIPS ☐ % by wt. ☒ ppm (mg/kg) ☐ mg/cm² *Reporting Limit based on a minimum 0.25g sample weight. **Not appropriate for Ceramic Tiles - XRF is recommended	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)	☒
	SW 846-6010D*	ICP-OES	0.0004% (4ppm)	☐
AIR	NIOSH 7082	Flame Atomic Absorption	4µg/filter	☐
	NIOSH 7303M	ICP-OES	1.0µg/filter	☐
	NIOSH 7303M	ICP-MS	0.05µg/filter	☐
WIPE ☐ ASTM ☐ NON-ASTM *If no box is checked, non-ASTM Wipe is assumed	SW 846-7000B	Flame Atomic Absorption	10µg/wipe	☐
	SW 846-6010D*	ICP-OES	1.0µg/wipe	☐
TCLP	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
SPLP	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
TTLC	22 CCR App. II, 7000B	Flame Atomic Absorption	40mg/kg (ppm)	☐
	22 CCR App. II, SW 846-6010D*	ICP-OES	2mg/kg (ppm)	☐
STLC	22 CCR App. II, 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
Soil	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)	☐
	SW 846-6010D*	ICP-OES	2mg/kg (ppm)	☐
Wastewater	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
Unpreserved ☐ Preserved with HNO3 ☐ PH<2	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	☐
Drinking Water	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	☐
Unpreserved ☐ Preserved with HNO3 ☐ PH<2	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filter	☐
Other:				☐

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
L-1-1	main floor column : wall paint	white paint	5/21/24 10:10
L-1-2	"	"	10:12
L-1-3	"	"	10:14
L-2	mezzanine door frame trim paint	gray paint	10:16
			10:18

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time: 5/21/24 13:45	Received by:	Date/Time: 5/21/24 1:44 PM
Relinquished by:	Date/Time: 5/21/24 2:00PM	Received by:	Date/Time: 5/24/24 10:17 AM

Controlled Document COC-25 Lead R18 4/04/2024

*6010C Available Upon Request

☐ AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Lead Chain of Custody

EMSL Order Number / Lab Use Only

52828

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077

PHONE: (800) 220-3675
EMAIL: CinnaminsonLeadLab@emsl.com

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
L-3-1	office area: mezzanine wall paint	white/brown	5/21/24 11:30
L-3-2	"	"	" 11:32
L-3-3	"	"	" 11:35

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time: 5/21/24 13:45	Received by:	Date/Time 5/21/24 1:44PM
Relinquished by:	Date/Time: 5/21/24 2:00PM	Received by:	Date/Time 5/24/24 10:19

W.I. FF

Controlled Document COC-25 Lead R18 4/04/2024

☐ AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.

6340 Castleplace Drive, Indianapolis, IN, 46250
Telephone: 317.803.2997 Fax:317.803.3047
IndianapolisLab#@emsl.com / www.Emsl.com

EMSL Order ID: 162452828
LIMS Reference ID: CC52828
EMSL Customer ID: KRAS75

Attention: Jessep Englert
Krazan & Associates [KRAS75]
825 Center Street, Suite A
Tacoma, WA 98409-8112
(253) 279-3774
jessepenglert@krazan.com

Project Name: SOUTH HILL CENTER 10 & 10A
HAZMAT/06424019

Customer PO:
EMSL Sales Rep: Callum McMillan
Received: 05/24/2024 10:17
Reported: 05/28/2024 08:47

Analytical Results

Analyte	Results	RL	Weight(g)	Prep Date & Tech	Prep Method	Analysis Date & Analyst	Analytical Method	Q	DF
Client Sample ID: L-1-1/MAIN FLOOR COLUMN & WALL PAINT, WHITE PAINT								**Date Sampled: 05/21/24**	
Matrix: Chips								**LIMS Reference ID: CC52828-01**	
Lead	<380 ppm	380 ppm	0.052	05/24/24 CG	SW-846 3050B	05/24/24 CG	SW 846-7000B		1
	Sample Comments:								
Client Sample ID: L-1-2/MAIN FLOOR COLUMN & WALL PAINT, WHITE PAINT								**Date Sampled: 05/21/24**	
Matrix: Chips								**LIMS Reference ID: CC52828-02**	
Lead	<80 ppm	80 ppm	0.2535	05/24/24 CG	SW-846 3050B	05/24/24 CG	SW 846-7000B		1
	Sample Comments:								
Client Sample ID: L-1-3/MAIN FLOOR COLUMN & WALL PAINT, WHITE PAINT								**Date Sampled: 05/21/24**	
Matrix: Chips								**LIMS Reference ID: CC52828-03**	
Lead	<190 ppm	190 ppm	0.1045	05/24/24 CG	SW-846 3050B	05/24/24 CG	SW 846-7000B		1
	Sample Comments:								
Client Sample ID: L-3-1/OFFICE AREA & MEZZANINE WALL PAINT, WHITE/BROWN								**Date Sampled: 05/21/24**	
Matrix: Chips								**LIMS Reference ID: CC52828-05**	
Lead	<310 ppm	310 ppm	0.0651	05/24/24 CG	SW-846 3050B	05/24/24 CG	SW 846-7000B		1
	Sample Comments:								
Client Sample ID: L-3-2/OFFICE AREA & MEZZANINE WALL PAINT, WHITE/BROWN								**Date Sampled: 05/21/24**	
Matrix: Chips								**LIMS Reference ID: CC52828-06**	
Lead	<300 ppm	300 ppm	0.0665	05/24/24 CG	SW-846 3050B	05/24/24 CG	SW 846-7000B		1
	Sample Comments:								
Client Sample ID: L-3-3/OFFICE AREA & MEZZANINE WALL PAINT, WHITE/BROWN								**Date Sampled: 05/21/24**	
Matrix: Chips								**LIMS Reference ID: CC52828-07**	
Lead	<360 ppm	360 ppm	0.0556	05/24/24 CG	SW-846 3050B	05/24/24 CG	SW 846-7000B		1
	Sample Comments:								

EMSL Analytical, Inc.

6340 Castleplace Drive, Indianapolis, IN, 46250
Telephone: 317.803.2997 Fax:317.803.3047
IndianapolisLab#@emsl.com / www.Emsl.com

EMSL Order ID: 162452828
LIMS Reference ID: CC52828
EMSL Customer ID: KRAS75

Attention: Jessep Englert
Krazan & Associates [KRAS75]
825 Center Street, Suite A
Tacoma, WA 98409-8112
(253) 279-3774
jessepenglert@krazan.com

Project Name: SOUTH HILL CENTER 10 & 10A HAZMAT/06424019

Customer PO:
EMSL Sales Rep: Callum McMillan
Received: 05/24/2024 10:17
Reported: 05/28/2024 08:47

Work Order Case Narrative

Insufficient Mass received for Sample 4; unable to perform analysis.

EMSL Analytical, Inc.

6340 Castleplace Drive, Indianapolis, IN, 46250
Telephone: 317.803.2997 Fax:317.803.3047
IndianapolisLab#@emsl.com / www.Emsl.com

EMSL Order ID: 162452828
LIMS Reference ID: CC52828
EMSL Customer ID: KRAS75

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Tacoma, WA 98409-8112
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Project Name: SOUTH HILL CENTER 10 & 10A HAZMAT/06424019

Customer PO:
EMSL Sales Rep: Callum McMillan
Received: 05/24/2024 10:17
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Certified Analyses included in this Report

Analyte	Certifications
SW 846-7000B in Chips	
Lead	16-AIHA LAP,16-OHDOH

List of Certifications

Code	Description	Number	Expires
16-MO	Missouri Drinking Water	10180	03/31/2026
16-NYDOH	New York Potable Water, Metals Solid and Hazardous Waste - Asbestos	12130	04/01/2025
16-AIHA LAP	EMSL Analytical, Inc. Indianpolis, IN AIHA-LAP, LLC-ELLAP/IHLAP Accredited	157245	06/01/2025
16-CA ELAP	California Metals in DW, Chemistry and Bulk Asbestos in Hazardous Waste	2575	06/30/2024
16-A2LA Food	A2LA Food Microbiology	2845.11	07/31/2024
16-A2LA Chemistry	A2LA Environmental and Chemistry	2845.25	07/31/2024
16-IN Metals/Asbestos	Indiana Lead and Metals and Asbestos in Drinking Water	C-49-09	12/31/2026
16-OHDOH	Ohio - Lead in Paint Chips, Wipes, Soil and Air	E10040	05/03/2025
16-FLDOH	Florida Asbestos and Metals in Drinking Water, PCBs	E871170	06/30/2024
16-NJDEP	New Jersey Metals, Organics and Inorganics in DW PCBs	IN002	06/30/2024
16-IN Colilert/HPC	Indiana Colilert and HPC	M-49-06	12/31/2026

Please see the specific Field of Testing (FOT) on www.emsl.com <http://www.emsl.com> for a complete listing of parameters for which EMSL is certified.

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Project Name: SOUTH HILL CENTER 10 & 10A
HAZMAT/06424019

Customer PO:
EMSL Sales Rep: Callum McMillan
Received: 05/24/2024 10:17
Reported: 05/28/2024 08:47

Notes and Definitions

Item	Definition
(Dig)	For metals analysis, sample was digested.
[2C]	Reported from the second channel in dual column analysis.
DF	Dilution Factor
MDL	Method Detection Limit.
ND	Analyte was NOT DETECTED at or above the detection limit.
Q	Qualifier
RL	Reporting Limit
Wet	Sample is not dry weight corrected.

Measurement of uncertainty and any applicable definitions of method modifications are available upon request. Per EPA NLLAP policy, sample results are not blank corrected.

Aleks Kuchenbrod Laboratory Manager or other approved signatory

Analysis following EMSL SOP for the Determination of Environmental Lead by FLAA. The laboratory has a reporting limit of 0.008% by wt., based upon a minimum sample weight of 0.25g submitted to the lab, and is not responsible for any result or reporting limit provided in mg/cm2 since it is dependent upon an area value provided by non-lab personnel. A "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty and definitions of modifications are available upon request. Results in this report are not blank corrected unless specified.

OrderID: 512401509

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Asbestos Chain of Custody (Air, Bulk, Soil)

EMSL Order Number / Lab Use Only

#512401509

EMSL Analytical, Inc.
5900 4th Ave S.
Suite 100
Seattle, WA 98108
PHONE: (206) 269-6310
EMAIL: seattlelab@EMSL.com

If Bill-To is the same as Report-To leave this section blank. Third-party billing requires written authorization.

Customer Information		Billing Information	
Customer ID:	KRAS75	Billing ID:	
Company Name:	Kramer & Associates	Company Name:	
Contact Name:	Jessep Englest	Billing Contact:	Same
Street Address:	825 Castle St	Street Address:	
City, State, Zip:	Tacoma, WA, 98409	City, State, Zip:	
Country:	U.S.	Country:	
Phone:	253-939-2600	Phone:	
Email(s) for Report:	jessepenglest@kramer.com	Email(s) for Invoice:	

Project Information

Project Name/No:	South Hill Castle ID:10A Hazmat / 06424019	Purchase Order:	
EMSL LIMS Project ID: (If applicable, EMSL will provide)		US State where samples collected:	WA
State of Connecticut (CT) must select project location:	☐ Commercial (Taxable) ☐ Residential (Non-Taxable)		
Sampled By Name:	Jessep Englest	Sampled By Signature:	
No. of Samples in Shipment:			

Turn-Around-Time (TAT)

☐ 3 Hour ☐ 4-4.5 Hour AHERA ONLY ☐ 6 Hour ☒ 24 Hour ☐ 32 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

TEM Air 3-6 Hour, please call ahead to schedule. 32 Hour TAT available for select tests only; samples must be submitted by 11:30 am.

Test Selection

PCM Air
- ☐ NIOSH 7400
- ☐ NIOSH 7400 w/ 8hr. TWA

PLM - Bulk (reporting limit)
- ☒ PLM EPA 600/R-93/116 (<1%) KMD
- ☐ PLM EPA NOB (<1%)
- ☐ POINT COUNT
  - ☐ 400 (<0.25%) ☐ 1,000 (<0.1%)
- POINT COUNT w/ GRAVIMETRIC
  - ☐ 400 (<0.25%) ☐ 1,000 (<0.1%)
- ☐ NIOSH 9002 (<1%)
- ☐ NYS 198.1 (Friable - NY)
- ☐ NYS 198.6 NOB (Non-Friable - NY)
- ☐ NYS 198.8 (Vermiculite SM-V)

TEM - Air
- ☐ AHERA 40 CFR, Part 763
- ☐ NIOSH 7402
- ☐ EPA Level II
- ☐ ISO 10312*

TEM - Bulk
- ☐ TEM EPA NOB
- ☐ NYS NOB 198.4 (Non-Friable-NY)
- ☐ TEM EPA 600/R-93/116 w Milling Prep (0.1%)

Other Test (please specify)

TEM - Settled Dust
- ☐ Microvac - ASTM D5755
- ☐ Wipe - ASTM D6480
- ☐ Qualitative via Filtration Prep
- ☐ Qualitative via Drop Mount Prep

Soil - Rock - Vermiculite (reporting limit)*
- ☐ PLM EPA 600/R-93/116 with milling prep (<0.25%)
- ☐ PLM EPA 600/R-93/116 with milling prep (<0.1%)
- ☐ TEM EPA 600/R-93/116 with milling prep (<0.1%)
- ☐ TEM Qualitative via Filtration Prep
- ☐ TEM Qualitative via Drop Mount Prep

*Please call with your project-specific requirements.

☐ Positive Stop - Clearly Identified Homogeneous Areas (HA) | Filter Pore Size (Air Samples) ☐ 0.8um ☐ 0.45um

Sample Number	Sample Location / Description	Volume, Area or Homogeneous Area	Date / Time Sampled (Air Monitoring Only)
01-01	main floor vinyl/ shopping area	light brown vinyl w/ mastic	5/21/24 8:50
01-02	"	"	8:52
01-03	"	"	8:53
01-04	"	"	8:58
01-05	"	"	8:59
01-06	"	"	9:00
01-07	"	"	9:02
02-01	main floor accent vinyl	dark brown vinyl w/ mastic	9:05

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Method of Shipment		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time: 5/21/24 14:00	Received by:	Date/Time: 5/21/24 1:57 PM W.I
Relinquished by:	Date/Time:	Received by:	Date/Time:

Controlled Document - COC-05 Asbestos R16 10/26/2021

☐ AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

KMD 5/21/24

OrderID: 512401509

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Asbestos Chain of Custody (Air, Bulk, Soil)

EMSL Order Number / Lab Use Only

#512401509

EMSL Analytical, Inc.
5900 4th Ave S.
Suite 100
Seattle, WA 98108
PHONE: (206) 269-6310
EMAIL: seattlelab@EMSL.com

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Sample Number	Sample Location / Description	Volume, Area or Homogeneous Area	Date / Time Sampled (Air Monitoring Only)
02-02	main floor accent vinyl	dark brown vinyl w/mastic	5/21/24 9:06
03-01	main floor middle : side areas	gray floor coating	9:10
03-02	〃	〃	9:12
03-03	〃	〃	9:14
03-04	〃	〃	9:16
03-05	〃	〃	9:19
03-06	〃	〃	9:20
03-07	〃	〃	9:22
01-01	main entrance carpeted area.	black carpet w/ pad	9:30
01-02	〃	〃	9:35
05-01	electrical room in SW corner	white joint compound/tape	9:37
05-02	〃	〃	9:40
06-01	roof joint : exaughst caulking	gray caulking	9:45
06-02	〃	〃	9:46
07-01	roof liner : mastic throughout	white roof liner w/mastic	9:50
07-02	〃	〃	9:52
07-03	〃	〃	9:55
07-04	〃	〃	9:57
07-05	〃	〃	10:00
07-06	〃	〃	10:02
07-07	〃	〃	10:05
08-01	both restroom fixture caulking	white caulking	10:12
08-02	〃	〃	10:15
09-01	both restroom floor tile	gray tile	10:17
09-02	〃	〃	10:19

Method of Shipment.		Sample Condition Upon Receipt	
Relinquished by:	Date/Time: 5/21/24 14:00	Received by:	Date/Time 5/21/24 1:57PM W.I
Relinquished by:	Date/Time	Received by.	Date/Time

Controlled Document COC-05 Asbestos R16 10/26/2021

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Page of

KMD 5/21/24

OrderID: 512401509

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Asbestos Chain of Custody (Air, Bulk, Soil)

EMSL Order Number / Lab Use Only

#512401509

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Seattle, WA 98108
PHONE: (206) 269-6310
EMAIL: seattlelab@EMSL.com

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Sample Number	Sample Location / Description	Volume, Area or Homogeneous Area	Date / Time Sampled (Air Monitoring Only)
10-01	bath restroom : waterfountain walls	white wall tile	5/21/24 10:20
10-02	〃	〃	10:22
11-01	main floor columns : mezzanine toeboards	black tar board w/mastic	10:23
11-02	〃	〃	10:25
12-01	main floor breakroom : stair landing	gray vinyl tile	10:30
12-02	〃	〃	10:35
13-01	office area : mezzanine drop ceilings	white drop ceiling tile	10:37
13-02	〃	〃	10:40
13-03	〃	〃	10:45
13-04	〃	〃	10:47
13-05	〃	〃	10:49
14-01	breakroom sink	gray sink coating	10:51
15-01	office area hallways wall covering	white/brown wall cover	10:55
15-02	〃	〃	11:00
16-01	office area : mezzanine stairs	gray vinyl cover w/mastic	11:15
16-02	〃	〃	11:20
17-01	mezzanine floors - throughout	multicolored carpet w/pad : mastic	11:30
17-02	〃	〃	11:40

Method of Shipment		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time: 5/21/24 14:00	Received by:	Date/Time: 5/21/24 1:57PM W.J.
Relinquished by:	Date/Time:	Received by:	Date/Time:

Controlled Document - COC-05 Asbestos R16 10/26/2021

☐ AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

KMD 5/21/24

EMSL Analytical, Inc.

5900 4th Avenue S, Suite 100, 1st Floor Seattle, WA 98108

Tel/Fax: (206) 269-6310 / (206) 900-8789

http://www.emsl.com / seattlelab@emsl.com

EMSL Order:	512401509
Customer ID:	KRAS75
Customer PO:	
Project ID:	

Attention:	Jessep Englert	**Phone:**	(253) 279-3774
	Krazan & Associates	**Fax:**	
	825 Center Street	**Received Date:**	05/21/2024 1:57 PM
	Suite A	**Analysis Date:**	05/21/2024 - 05/22/2024
	Tacoma, WA 98409-8112	**Collected Date:**	05/21/2024
Project:	South Hill Center 10&10A Hazmat / 06424019		

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
01 - 01-Vinyl Floor Tile *512401509-0001*	Main Floor Vinyl Shopping Area / Light Brown Vinyl w/ Mastic	Brown/Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
01 - 01-Mastic *512401509-0001A*	Main Floor Vinyl Shopping Area / Light Brown Vinyl w/ Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
01 - 02-Vinyl Floor Tile *512401509-0002*	Main Floor Vinyl Shopping Area / Light Brown Vinyl w/ Mastic	Brown/Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
01 - 02-Mastic *512401509-0002A*	Main Floor Vinyl Shopping Area / Light Brown Vinyl w/ Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
01 - 03-Vinyl Floor Tile *512401509-0003*	Main Floor Vinyl Shopping Area / Light Brown Vinyl w/ Mastic	Brown/Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
01 - 03-Mastic *512401509-0003A*	Main Floor Vinyl Shopping Area / Light Brown Vinyl w/ Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
01 - 04-Vinyl Floor Tile *512401509-0004*	Main Floor Vinyl Shopping Area / Light Brown Vinyl w/ Mastic	Brown/Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
01 - 04-Mastic *512401509-0004A*	Main Floor Vinyl Shopping Area / Light Brown Vinyl w/ Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
01 - 05-Vinyl Floor Tile *512401509-0005*	Main Floor Vinyl Shopping Area / Light Brown Vinyl w/ Mastic	Brown/Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
01 - 05-Mastic *512401509-0005A*	Main Floor Vinyl Shopping Area / Light Brown Vinyl w/ Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
01 - 06-Vinyl Floor Tile *512401509-0006*	Main Floor Vinyl Shopping Area / Light Brown Vinyl w/ Mastic	Brown/Gray Non-Fibrous Homogeneous		15% Ca Carbonate 85% Non-fibrous (Other)	None Detected
01 - 06-Mastic *512401509-0006A*	Main Floor Vinyl Shopping Area / Light Brown Vinyl w/ Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
01 - 07-Vinyl Floor Tile *512401509-0007*	Main Floor Vinyl Shopping Area / Light Brown Vinyl w/ Mastic	Brown/Gray Non-Fibrous Homogeneous		15% Ca Carbonate 85% Non-fibrous (Other)	None Detected
01 - 07-Mastic *512401509-0007A* *trace amounts of inseparable leveler present*	Main Floor Vinyl Shopping Area / Light Brown Vinyl w/ Mastic	Yellow Non-Fibrous Homogeneous		5% Ca Carbonate 95% Non-fibrous (Other)	None Detected
02 - 01-Vinyl Floor Tile *512401509-0008*	Main Floor Accent Vinyl / Dark Brown Vinyl w/ Mastic	Brown/Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
02 - 01-Mastic *512401509-0008A*	Main Floor Accent Vinyl / Dark Brown Vinyl w/ Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 05/22/2024 16:59:35

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http://www.emsl.com / seattlelab@emsl.com

EMSL Order: 512401509
Customer ID: KRAS75
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
02 - 02-Vinyl Floor Tile *512401509-0009*	Main Floor Accent Vinyl / Dark Brown Vinyl w/ Mastic	Brown/Black Non-Fibrous Homogeneous		15% Ca Carbonate 85% Non-fibrous (Other)	None Detected
02 - 02-Mastic *512401509-0009A* *Thin layer result includes a small amount of inseparable attached debris*	Main Floor Accent Vinyl / Dark Brown Vinyl w/ Mastic	Yellow Non-Fibrous Homogeneous	5% Cellulose 2% Hair	93% Non-fibrous (Other)	None Detected
02 - 02-Leveler *512401509-0009B*	Main Floor Accent Vinyl / Dark Brown Vinyl w/ Mastic	Gray Non-Fibrous Homogeneous	5% Cellulose	20% Ca Carbonate 75% Non-fibrous (Other)	None Detected
03 - 01 *512401509-0010*	Main Floor Middle & Side Area / Gray Floor Coating	Gray Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected
03 - 02 *512401509-0011*	Main Floor Middle & Side Area / Gray Floor Coating	Gray Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected
03 - 03 *512401509-0012*	Main Floor Middle & Side Area / Gray Floor Coating	Gray Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected
03 - 04 *512401509-0013*	Main Floor Middle & Side Area / Gray Floor Coating	Gray Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected
03 - 05 *512401509-0014*	Main Floor Middle & Side Area / Gray Floor Coating	Gray Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected
03 - 06 *512401509-0015*	Main Floor Middle & Side Area / Gray Floor Coating	Gray Non-Fibrous Homogeneous		20% Quartz 30% Ca Carbonate 50% Non-fibrous (Other)	None Detected
03 - 07 *512401509-0016*	Main Floor Middle & Side Area / Gray Floor Coating	Gray Non-Fibrous Homogeneous		20% Quartz 30% Ca Carbonate 50% Non-fibrous (Other)	None Detected
04 - 01-Carpet *512401509-0017*	Main Entrance Carpeted Area / Black Carpet w/ Pad	White/Black Fibrous Homogeneous	95% Synthetic	5% Non-fibrous (Other)	None Detected
04 - 01-Pad *512401509-0017A*	Main Entrance Carpeted Area / Black Carpet w/ Pad	Black Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
04 - 02-Carpet *512401509-0018*	Main Entrance Carpeted Area / Black Carpet w/ Pad	White/Black Fibrous Heterogeneous	95% Synthetic	5% Non-fibrous (Other)	None Detected
04 - 02-Pad *512401509-0018A*	Main Entrance Carpeted Area / Black Carpet w/ Pad	Black Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
05 - 01-Tape *512401509-0019*	Electrical Room in SW Corner / White Joint Compound/Tape	White Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
05 - 01-Joint Compound *512401509-0019A*	Electrical Room in SW Corner / White Joint Compound/Tape	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
05 - 02-Tape *512401509-0020*	Electrical Room in SW Corner / White Joint Compound/Tape	White Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
05 - 02-Joint Compound *512401509-0020A*	Electrical Room in SW Corner / White Joint Compound/Tape	White Non-Fibrous Homogeneous		35% Ca Carbonate 65% Non-fibrous (Other)	None Detected

Initial report from: 05/22/2024 16:59:35

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EMSL Order:	512401509
Customer ID:	KRAS75
Customer PO:	
Project ID:	

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
06 - 01 *512401509-0021*	Roof Joint & Exhaust Caulking / Gray Caulking	Gray/White Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
06 - 02-Caulk 1 *512401509-0022*	Roof Joint & Exhaust Caulking / Gray Caulking	White Non-Fibrous Homogeneous		10% Ca Carbonate 90% Non-fibrous (Other)	None Detected
06 - 02-Caulk 2 *512401509-0022A*	Roof Joint & Exhaust Caulking / Gray Caulking	Gray Non-Fibrous Homogeneous		5% Ca Carbonate 95% Non-fibrous (Other)	None Detected
07 - 01-Roof Liner *512401509-0023*	Roof Liner & Mastic Throughout / White Roof Liner w/ Mastic	Gray/White Fibrous Homogeneous	10% Synthetic	90% Non-fibrous (Other)	None Detected
07 - 01-Mastic *512401509-0023A*	Roof Liner & Mastic Throughout / White Roof Liner w/ Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
07 - 02-Roof Liner *512401509-0024*	Roof Liner & Mastic Throughout / White Roof Liner w/ Mastic	Gray/White Fibrous Homogeneous	10% Synthetic	90% Non-fibrous (Other)	None Detected
07 - 02-Mastic *512401509-0024A*	Roof Liner & Mastic Throughout / White Roof Liner w/ Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
07 - 03-Roof Liner *512401509-0025*	Roof Liner & Mastic Throughout / White Roof Liner w/ Mastic	Gray/White Fibrous Homogeneous	10% Synthetic	90% Non-fibrous (Other)	None Detected
07 - 03-Mastic *512401509-0025A*	Roof Liner & Mastic Throughout / White Roof Liner w/ Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
07 - 04-Roof Liner *512401509-0026*	Roof Liner & Mastic Throughout / White Roof Liner w/ Mastic	Gray/White Non-Fibrous Homogeneous	10% Synthetic	90% Non-fibrous (Other)	None Detected
07 - 04-Mastic *512401509-0026A*	Roof Liner & Mastic Throughout / White Roof Liner w/ Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
07 - 05-Roof Liner *512401509-0027*	Roof Liner & Mastic Throughout / White Roof Liner w/ Mastic	Gray/White Fibrous Homogeneous	10% Synthetic	90% Non-fibrous (Other)	None Detected
07 - 05-Mastic *512401509-0027A*	Roof Liner & Mastic Throughout / White Roof Liner w/ Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
07 - 06-Roof Liner *512401509-0028*	Roof Liner & Mastic Throughout / White Roof Liner w/ Mastic	Gray/White Fibrous Homogeneous	10% Synthetic	90% Non-fibrous (Other)	None Detected
07 - 06-Mastic *512401509-0028A*	Roof Liner & Mastic Throughout / White Roof Liner w/ Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
07 - 07-Roof Liner *512401509-0029*	Roof Liner & Mastic Throughout / White Roof Liner w/ Mastic	Gray/White Fibrous Homogeneous	10% Synthetic	90% Non-fibrous (Other)	None Detected
07 - 07-Mastic *512401509-0029A*	Roof Liner & Mastic Throughout / White Roof Liner w/ Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
07 - 07-Felt *512401509-0029B* *Result includes a small amount of inseparable attached material*	Roof Liner & Mastic Throughout / White Roof Liner w/ Mastic	Gray Fibrous Homogeneous	70% Glass	30% Non-fibrous (Other)	None Detected
08 - 01 *512401509-0030*	Both Restroom Fixture Caulking / White Caulking	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 05/22/2024 16:59:35

EMSL Analytical, Inc.
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http://www.emsl.com / seattlelab@emsl.com

EMSL Order: 512401509
Customer ID: KRAS75
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
08 - 02 *512401509-0031*	Both Restroom Fixture Caulking / White Caulking	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
09 - 01 *512401509-0032*	Both Restroom Floor Tile / Gray Tile	Gray Non-Fibrous Homogeneous		10% Quartz 90% Non-fibrous (Other)	None Detected
09 - 02 *512401509-0033*	Both Restroom Floor Tile / Gray Tile	Gray Non-Fibrous Homogeneous		10% Quartz 90% Non-fibrous (Other)	None Detected
10 - 01 *512401509-0034*	Both Restroom & Water Fountain Walls / White Wall Tile	White Non-Fibrous Homogeneous		15% Quartz 85% Non-fibrous (Other)	None Detected
10 - 02 *512401509-0035*	Both Restroom & Water Fountain Walls / White Wall Tile	White Non-Fibrous Homogeneous		15% Quartz 85% Non-fibrous (Other)	None Detected
11 - 01-Toe Board *512401509-0036*	Main Floor Columns & Mezzanine Toe Boards / Black Toe Board w/ Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
11 - 01-Mastic *512401509-0036A*	Main Floor Columns & Mezzanine Toe Boards / Black Toe Board w/ Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
11 - 02-Toe Board *512401509-0037*	Main Floor Columns & Mezzanine Toe Boards / Black Toe Board w/ Mastic	Black Non-Fibrous Homogeneous		5% Ca Carbonate 95% Non-fibrous (Other)	None Detected
11 - 02-Mastic *512401509-0037A*	Main Floor Columns & Mezzanine Toe Boards / Black Toe Board w/ Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12 - 01-Vinyl Floor Tile *512401509-0038*	Main Floor Breakroom & Stair Landing / Gray Vinyl Tile	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12 - 01-Mastic *512401509-0038A*	Main Floor Breakroom & Stair Landing / Gray Vinyl Tile	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12 - 02 *512401509-0039*	Main Floor Breakroom & Stair Landing / Gray Vinyl Tile	Gray Non-Fibrous Homogeneous		10% Ca Carbonate 90% Non-fibrous (Other)	None Detected
13 - 01 *512401509-0040*	Office Area & Mezzanine Drop Ceilings / White Drop Ceiling Tile	Gray/White Fibrous Homogeneous	60% Cellulose 20% Min. Wool	15% Perlite 5% Non-fibrous (Other)	None Detected
13 - 02 *512401509-0041*	Office Area & Mezzanine Drop Ceilings / White Drop Ceiling Tile	Gray/White Fibrous Homogeneous	60% Cellulose 20% Min. Wool	15% Perlite 5% Non-fibrous (Other)	None Detected
13 - 03 *512401509-0042*	Office Area & Mezzanine Drop Ceilings / White Drop Ceiling Tile	Gray/White Fibrous Homogeneous	60% Cellulose 20% Min. Wool	15% Perlite 5% Non-fibrous (Other)	None Detected
13 - 04 *512401509-0043*	Office Area & Mezzanine Drop Ceilings / White Drop Ceiling Tile	Gray/White Fibrous Homogeneous	60% Cellulose 20% Min. Wool	15% Perlite 5% Non-fibrous (Other)	None Detected

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			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
13 - 05 *512401509-0044*	Office Area & Mezzanine Drop Ceilings / White Drop Ceiling Tile	Gray/White Fibrous Homogeneous	60% Cellulose 20% Min. Wool	15% Perlite 5% Non-fibrous (Other)	None Detected
14 - 01 *512401509-0045*	Breakroom Sink / Gray Sink Coating	Gray Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
15 - 01 *512401509-0046*	Office Area Hallways Wall Covering / White/Brown Wall Cover	Brown/White Fibrous Homogeneous	30% Synthetic	70% Non-fibrous (Other)	None Detected
15 - 02 *512401509-0047*	Office Area Hallways Wall Covering / White/Brown Wall Cover	Brown/White Fibrous Homogeneous	30% Synthetic	70% Non-fibrous (Other)	None Detected
16 - 01-Vinyl Cover *512401509-0048*	Office Area & Mezzanine Stairs / Gray Vinyl Cover w/ Mastic	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
16 - 01-Mastic *512401509-0048A*	Office Area & Mezzanine Stairs / Gray Vinyl Cover w/ Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
16 - 02-Vinyl Cover *512401509-0049*	Office Area & Mezzanine Stairs / Gray Vinyl Cover w/ Mastic	Gray Non-Fibrous Homogeneous		5% Ca Carbonate 95% Non-fibrous (Other)	None Detected
16 - 02-Mastic *512401509-0049A*	Office Area & Mezzanine Stairs / Gray Vinyl Cover w/ Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17 - 01-Carpet *512401509-0050*	Mezzanine Floors - Throughout / Multicolored Carpet w/ Pad & Mastic	Various Fibrous Homogeneous	95% Synthetic	5% Non-fibrous (Other)	None Detected
17 - 01-Pad *512401509-0050A*	Mezzanine Floors - Throughout / Multicolored Carpet w/ Pad & Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17 - 01-Mastic *512401509-0050B*	Mezzanine Floors - Throughout / Multicolored Carpet w/ Pad & Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17 - 02-Carpet *512401509-0051*	Mezzanine Floors - Throughout / Multicolored Carpet w/ Pad & Mastic	Various Fibrous Homogeneous	95% Synthetic	5% Non-fibrous (Other)	None Detected
17 - 02-Pad *512401509-0051A*	Mezzanine Floors - Throughout / Multicolored Carpet w/ Pad & Mastic	Black Non-Fibrous Homogeneous		5% Ca Carbonate 95% Non-fibrous (Other)	None Detected
17 - 02-Mastic *512401509-0051B*	Mezzanine Floors - Throughout / Multicolored Carpet w/ Pad & Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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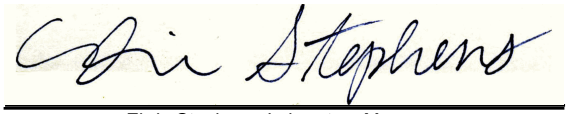
Analyst(s)

Claire Byers (50)
Meah Cross Sevilla (33)



Ehrin Stephens, Laboratory Manager
or Other Approved Signatory

Initial report from: 05/22/2024 16:59:35

Appendix B

Certificate of Completion

This is to certify that

Jessep D. Englert

has satisfactorily completed
24 hours of training as an

AHERA Building Inspector

to comply with the training requirements of
TSCA Title II, 40 CFR 763 (AHERA)

EPA Provider # 1085

186758
Certificate Number

ARGUS PACIFIC
TRAINING • CONSULTING
A Terracon COMPANY

Nov 2 - 4, 2022 Expires in 1 year.
Date(s) of Training

Exam Score: 94%
(if applicable)

Tracy Greene
Instructor:

ARGUS PACIFIC, INC / 21905 64th AVE W, SUITE 100 / MOUNTLAKE TERRACE, WASHINGTON 98043 / 206.285.3373 / ARGUSPACIFIC.COM

Certificate of Completion

This is to certify that

Jessep D. Englert

has satisfactorily completed
4 hours of refresher training as an

AHERA Building Inspector

to comply with the training requirements of

TSCA Title II, 40 CFR 763 (AHERA)

EPA Provider # 1085

191288
Certificate Number

Instructor: Tracy Bockla

Oct 26, 2023 Expires in 1 year.
Date(s) of Training

Exam Score: N/A
(if applicable)

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