



CITY OF NORTH LITTLE ROCK, ARKANSAS
 COMMERCE DEPARTMENT
 Mary Beth Bowman, Director
 Amy Smith, Assistant Director for Procurement
 Crystal Willis, Admin. Sect./Assistant Purchasing Agent

120 MAIN STREET, NORTH LITTLE ROCK, AR 72114
 P.O. BOX 5757, NORTH LITTLE ROCK, AR 72119
 501-975-8881 Phone
 501-975-8885 Fax

INVITATION TO BID

Bid Number: 21-3736 Date Issued: October 13, 2021

Date & Time Bid Opening: Thursday, October 28, 2019 at 10:15 a.m.

The City of North Little Rock is requesting bids from licensed asbestos removal contractors for asbestos abatement of:

5815 MACARTHUR BLVD, NORTH LITTLE ROCK, AR

Total Project Bid Price \$ _____

Plans, specifications, proposal forms and other contract documents may be examined at the following locations:

- Commerce Department, 120 Main Street, North Little Rock, AR 72114
- www.northlittlerock.ar.gov

- A five percent (5%) bid bond is required with the bid.
- Bidder must include a current copy of their asbestos removal license with bidding documents.

For directions and/or questions regarding the properties listed, please contact
 Felecia McHenry at 501-791-8581.

The City of North Little Rock encourages participation of small, minority, and woman own business enterprises in the procurement of goods, services, professional services, and construction, either as a general contractor or sub-contractor. It is further requested that whenever possible, majority contractors who require sub-contractors, seek qualified small, minority, and woman businesses to partner with them.

If you are obtaining this bid from our website, please be reminded that addendums may occur. It is therefore advisable that you review our listings for attachments including any changes to the bid.

Note: FAILURE TO FILL OUT AND SIGN THE INVITATION TO BID SHEET WILL RESULT IN REJECTION OF THE BID.

EXECUTION OF BID

Upon signing this page, the organization certifies that they have read and agree to the requirements set forth in this bid including conditions set forth and pertinent information requests.

Name of Firm: _____ Phone No.: _____

Tax ID Number: _____

Business Address: _____

Signature of Authorized Person: _____

Title: _____ Date: _____, 2021

UNSIGNED BID COVER SHEET WILL BE REJECTED.

**Pre-Renovation / Demolition
United States EPA NESHAP
Asbestos Inspection**

for

**Old Commercial Building
5815 MacArthur Drive
North Little Rock, AR.**

Prepared for

**City of North Little Code
701 West 29th Street
North Little Rock, AR 72114**

Attn: Ward Reese

by

ATOKA, Inc. - Project Reference Number 21-041-1

Inspection Date September 21, 2021

Report Date September 28, 2021

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ASBESTOS SURVEY REPORT

for

**Old Commercial Building
5815 MacArthur Drive
North Little Rock, AR**

SUMMARY

ATOKA, Inc.'s approach to this assessment was to physically and visually inspect all the interior and exterior building components to identify suspect asbestos containing materials (SACM) and collect bulk samples of those suspect materials to determine if those materials contain more than 1% asbestos.

This inspection has found non-regulated quantities (less than 160 square feet) of non-friable asbestos containing floor tile and sheet vinyl floor covering in the structure. All ACM identified was non-friable and in good condition.

PURPOSE OF SURVEY

ATOKA, Inc. was retained by City of North Little Code to inspect the referenced structure for the presence of asbestos containing materials prior to demolition. ATOKA, Inc. visited the structure on September 21, 2021 for the purpose of inspecting, sampling and quantifying ACM. ATOKA, Inc. inspected the structure to identify suspect asbestos containing material (SACM), which is classified into two categories. Those materials which can be reduced to powder or crumbled under light hand pressure are referred to as "friable" ACM (e.g., ceiling textures and ceiling tiles, thermal system insulation, etc.). Those materials that cannot be easily crumbled are referred to as "non-friable" ACM (e.g., resilient flooring, roofing, mastics, etc.).

The inspection was conducted by Cliff McBryde of ATOKA, Inc. Mr. McBryde is an E.P.A. accredited and licensed Arkansas Asbestos Inspector who has been trained to survey, sample, and assess the conditions of SACM. Multiple samples of suspect friable and non-friable ACM were collected during the inspection.

ATOKA, Inc. is an Arkansas Department of Environmental Quality (ADEQ) licensed Asbestos Consultant in good standing and license number 000242.

SAMPLING AND ANALYSIS

ATOKA, Inc. conducted an asbestos assessment in general accordance with EPA NESHAP protocol requiring that a sufficient number of bulk samples be collected that represent each homogeneous SACM.

ATOKA, Inc. identified suspect asbestos containing materials (SACM) and characterized these materials into distinct homogeneous areas during the site visit inspection. This information was then used to establish a sampling plan during the course of the inspection.

Samples of SACM collected from the building were obtained by physically removing a small portion (approximately one square inch) of the material using a sharp instrument. All layers of the material samples were penetrated and registered as separate samples. Disturbance of adjacent material was kept to a minimum during the sampling program. Due to the destructive nature of the sampling protocol, roof samples were collected so as to maintain the integrity of the roofing system.

Each sample was placed into a separate labeled container, which was then sealed. The sampling instrument was cleaned to remove materials that could cross-contaminate the next sample. Each sample was labeled with the sample number and location and logged into the field notebook. All samples collected during the site investigation are listed in Appendix A.

Fourteen (14) different SACMs were identified, sampled and analyzed for asbestos using the Environmental Protection Agency (EPA) "Interim Method for Determination of Asbestos in Bulk Insulation Samples" [40 CFR Part 763, Appendix E, Subpart E, improved (EPA-600/R-93/116)], by Crisp Laboratory, a NVLAP Polarized Light Microscopy (PLM) accredited laboratory. The ACM as determined by PLM examination are those materials which contain greater than 1% asbestos by weight or volume.

The asbestos content determined for a bulk sample represents only the amount of asbestos at the point where the sample was taken. The amount of asbestos found in a material may vary depending on the sample location. Consequently, confidence limits are calculated for the same data to allow a more conservative estimate of the asbestos content of the suspect material or area. The upper confidence limit is taken as the most probable value which represents the maximum asbestos content that would be observed from a sample taken from the suspect material or area.

REPORT OF FINDINGS

The commercial structure was approximately 2,350 square feet in size. The structure was a one story concrete block, wood frame structure built at grade on a concrete slab foundation with wood joist roof with roll and shingle roofing materials. Interior finishes included concrete block, wood framing, sheet vinyl and floor tile floor coverings.

Electrical, heating and air conditioning and plumbing systems, that were accessible, did not have visual evidence of suspect asbestos containing components above grade in the structure. These components were insulated with fiber glass thermal system insulation or not insulated at all.

No suspect plumbing insulation materials were observed. Insulation materials observed above ceilings in the attic space and exterior wall cavities (where present) was fiber glass.

Materials that are known to contain asbestos and are not sampled are known as assumed asbestos containing materials (ACM). No suspect materials were assumed to be ACM.

Sample #	F/NF	Homogeneous Material Description	Sample Location	Asbestos	Quantity Condition
5815A-01	NF	Roll Roof	Roof	NAD All Layers	unk good
5815A-02	NF	Gray/Brown/Black Felt	Roof	NAD All Layers	unk good
5815B-03	NF	Shingles	Roof	NAD All Layers	unk good
5815B-04	NF	Shingles	Roof	NAD All Layers	unk good
5815C-05	NF	Concrete Block Mortar	Exterior	NAD All Layers	unk good
5815C-06	NF	Concrete Block Mortar	Exterior	NAD All Layers	unk good
5815D-07 Layer 1	NF	Black/White Vinyl Floor Covering	Rest Room	positive with vinyl	50sf good
5815D-07 Layer 2	NF	tan mastic	Rest Room	positive with vinyl	50sf good
5815D-07 Layer 3	NF	tan linoleum	Rest Room	22% Chrysotile	50 sf good
5815D-07 Layer 4	NF	tan mastic	Rest Room	positive with vinyl	50sf good
5815D-08	NF	Black/White Vinyl Floor Covering	Living Area	NAD All Layers	81sf good
5815E-09	F	Over Spray on Paint	Beam Rest Room Ceiling	NAD	100sf good
5815E-10	F	Over Spray on Paint	Beam Rest Room Ceiling	NAD	50sf good
5815F-11 Layer 1	NF	12" Light brown/white floor tile		2% Chrysotile	50 sf good
5815F-11 Layer 2	NF	tan mastic		NAD	50sf good
5815F-12 Layer 1	NF	12" Light brown/white floor tile		2% Chrysotile	above good
5815F-12 Layer 2	NF	tan mastic		NAD	above good
5815G-13	NF	Roof Flashing	Roof	NAD	unk good

5815G-14	NF	Roof Flashing	Roof	NAD	unk good
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NF = non-friable F= friable L1=Layer 1 L2=Layer 2 L3=Layer 3 L4=Layer 4NAD = No asbestos detected unk = unknown sf = square feet All quantities of ACM are estimated and should be verified

The laboratory report for bulk samples PLM analysis are found in Appendix "A" of this document.

RECOMMENDATIONS

ATOKA, Inc., recommends that this report and all records should be kept by the building owner as long as the building is in existence. All information concerning this property should be forwarded to all future property owners and made available to outside contractors that may disturb the materials identified to contain asbestos.

ATOKA, Inc. recommends that any other suspect materials encountered during the demolition process that were not found and identified during this assessment be tested for asbestos prior to handling and disposal or assumed to contain asbestos and be handled as ACM.

ATOKA, Inc. recommends that the mandatory ten (10) day Notice of Intent (NOI) to demolish the structure(s) be filed with the Arkansas Department of Environmental Quality (ADEQ) as required by EPA NESHAP regulations and Arkansas Asbestos Abatement Regulation 21.

ATOKA, Inc., recommends that an Arkansas licensed Asbestos Abatement Designer prepare the abatement design documents per Arkansas Asbestos Abatement Regulation 21 which stipulates that a written design be prepared if greater than 3 square feet of regulated friable ACM will be disturbed prior to renovation and or before demolition.

Renovation Notice: ATOKA, Inc. recommends that the mandatory ten (10) day Notice of Intent (NOI) to remove regulated quantities of asbestos containing materials from a structure(s) be filed with the Arkansas Department of Environmental Quality (ADEQ) as required by EPA NESHAP regulations and Arkansas Asbestos Abatement Regulation # 21 effective 1997.

ATOKA, Inc., recommends that all friable and non-friable RACM be removed prior to demolition of the structure.

ATOKA, Inc., recommends that the removal of all RACM & ACM be performed by an Arkansas licensed Asbestos Abatement Contractor and in compliance with Arkansas Asbestos Abatement Regulation 21.

Non-friable floor covering adhesives in good condition may be left in place during demolition however, waste must be disposed of as ACM.

LIMITATIONS

This report was prepared for the exclusive use of the City of North Little Code and/or its assignees to aid in the identification and management of ACM located at 5815 MacArthur Drive, North Little Rock, AR.

Respectfully submitted,



Cliff McBryde, Asbestos Inspector (license 011331)
ATOKA, Inc. (Asbestos Consultant license 000242)

APPENDIX "A"

LABORATORY REPORTS

11701 I-30, Bldg. 1, Ste. 119
Little Rock, AR, 72209

ATOKA, NC. Office: 501-455-1700

CHAIN OF CUSTODY/ANALYSIS REQUEST FORM

Fax: 501-455-1864

501-455-1864 0421098949

ATOKA PROJECT NO.	CLIENT/OWNER	SAMPLE LOCATIONS
21-041-1	City of North Little Rock Address 701 West 28th Street City, State, ZIP North Little Rock, AR	Commercial Bldg. 5816 MacArthur Drive 9-22-21
Phone #	Fax #	E-mail:

SAMPLERS SIGNATURE	SAMPLE TYPE	SAMPLE CONDITION:	TURN AROUND TIME
Printed M. C. Byrd	Bulk <input type="checkbox"/> Air <input type="checkbox"/> Food <input type="checkbox"/> Soil <input type="checkbox"/> Water <input type="checkbox"/> Swab <input type="checkbox"/> Other <input type="checkbox"/>	Satisfactory <input type="checkbox"/> Unsatisfactory <input type="checkbox"/> Rejected - Reason _____	4 hours <input type="checkbox"/> 24 hours <input type="checkbox"/> Standard (3-5 days) <input type="checkbox"/> Std Protocol <input type="checkbox"/>

FIELD	SAMPLE #	DATE COLLECTED	TIME	SAMPLE LOCATION/DESCRIPTION:	Volume of Air Liters	TEST REQUESTED	ATOKA LAB ID #
5816A-01	9/21/21	Roll Roof		Roll Roof	5816A-01		
5816A-02	"	Gray/Brown/black Felt		Gray/Brown/black Felt			
5816B-03	"	Shingle		Shingle			
5816B-04	"	Shingle		Shingle			
5816C-05	"	Concrete block / mortar		Concrete block / mortar			
5816C-06	"	Concrete block / mortar		Concrete block / mortar			
5816D-07	"	Black / white Vinyl Floor Covering		Black / white Vinyl Floor Covering	5816D-07		
5816D-08	"	Black / white Vinyl Floor Covering		Black / white Vinyl Floor Covering	5816D-08		
5816E-09	"	Over spray of Paint based Reston Ce. 1:10		Over spray of Paint based Reston Ce. 1:10	5816E-09		
5816E-10	"	Reston 50 SF		Reston 50 SF	5816E-10		

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME	RECEIVED BY	DATE/TIME	SPECIAL INSTRUCTIONS
Printed M. C. Byrd	9/21/21	Printed M. C. Byrd	9/21/21	RECEIVED BY LABORATORY	10:30AM	
PRINTED		PRINTED		PRINTED		SEP 22 2021

11701 I-30, Bldg. 1, Ste. 119
Little Rock, AR. 72209

ATOKA, INC.

Office: 501-455-1700

CHAIN OF CUSTODY/ANALYSIS REQUEST FORM

Fax:

501-455-1864

AT21098749

ATOKA PROJECT NO. 21-041-1	CLIENT/OWNER Name City of North Little Rock Address 701 West 29th Street City, State, ZIP North Little Rock, AR Phone # _____ Fax # _____ E-mail: _____	SAMPLE LOCATIONS AT21098849 Name Commercial Building Address 5816 MacArthur Drive City, State, ZIP North Little Rock, AR
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SAMPLERS SIGNATURE Printed Cliff Mc Bryde	SAMPLE TYPE Bulk <input type="checkbox"/> Air <input type="checkbox"/> Food <input type="checkbox"/> Soil <input type="checkbox"/> Water <input type="checkbox"/> Swab <input type="checkbox"/> Other <input type="checkbox"/> Air: Micro-5 <input type="checkbox"/> Air-O-Cell <input type="checkbox"/> Cyclex-D <input type="checkbox"/> Biotest <input type="checkbox"/> Plate <input type="checkbox"/> Surface: Sponge <input type="checkbox"/> Cotton Tip <input type="checkbox"/> Tape Lift <input type="checkbox"/> Other <input type="checkbox"/>	SAMPLE CONDITION: <input type="checkbox"/> Satisfactory _____ Temp °C _____ <input type="checkbox"/> Unsatisfactory <input type="checkbox"/> Rejected - Reason _____	TURN AROUND TIME <input type="checkbox"/> 4 hours <input checked="" type="checkbox"/> 2 days 24 hour <input type="checkbox"/> Standard (3-5 days) <input type="checkbox"/> Std Protocol
---	--	---	--

FIELD SAMPLE #	DATE COLLECTED	TIME	SAMPLE LOCATION/DESCRIPTION:	Volume of Air Liters	TEST REQUESTED	ATOKA LAB ID #
5816F-11	9/21/21		12" light brown white floor tile	505F	Asbestos	
5816F-12	"		12" light brown white floor tile		"	
5816F-13	"		roof valley flashing		"	
5816F-14	"		roof valley flashing		"	

RELINQUISHED BY Printed Cliff Mc Bryde	DATE/TIME 9/21/21	RECEIVED BY Printed Fed E	DATE/TIME	RELINQUISHED BY PRINTED	DATE/TIME
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RECEIVED BY PRINTED	DATE/TIME	RECEIVED BY LABORATORY Printed J 10:30AM 9-22-21	DATE/TIME	SPECIAL INSTRUCTIONS
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CA Labs
Dedicated to Quality

Crisp Analytical, L.L.C.
1929 Old Denton Road
Carrollton, TX 75006
Phone 972-242-2754
Fax 972-242-2798



CA Labs, L.L.C.
12232 Industriplex, Suite 32
Baton Rouge, LA 70809
Phone 225-751-5632
Fax 225-751-5634

Materials Characterization - Bulk Asbestos Analysis

Laboratory Analysis Report - Polarized Light

Atoka, Inc.

554 Mid America Blvd.
Hot Springs, AR 71913

Customer Project: 21-041-1, City of North Little Rock
Reference #: CAL21098949AG Date: 09/23/21

Analysis and Method

Summary of polarized light microscopy (PLM / Stereomicroscopy bulk asbestos analysis) using the methods described in 40CFR Part 763 Appendix E to Subpart E (Interim and EPA 600 / R-93 / 116 (Improved)). The sample is first viewed with the aid of a stereomicroscope. Numerous liquid slide preparations are created for analysis under the polarized microscope where identifications and quantifications are performed. Calibrated liquid refractive oils are used as liquid mounting medium. These oils are used for identification (dispersion staining). A calibrated visual estimation is reported, should any asbestiform mineral be present. Other techniques such as acid washing are used in conjunction with refractive oils for detection of smaller quantities of asbestos. All asbestos percentages are based on calibrated visual estimation traceable to NIST standards for regulated asbestos. Traceability to measurement and calibration is achieved by using known amounts and types of asbestos from standards where analyst and laboratory accuracy are measured. As little as 0.001% asbestos can be detected in favorable samples, while detection in unfavorable samples may approach the detection limit of 0.50% (well above the laboratory definition of trace).

Discussion

Vermiculite containing samples may contain trace amounts of actinolite/tremolite. When not detected by PLM, these samples should be analyzed using TEM methods and / or water separation techniques. Suspected actinolite/vermiculite presence will be indicated through the sample comment section of this report.

Fibrous talc containing samples may contain a regulated asbestos fiber known as anthophyllite. Under certain conditions the same fiber may actually contain both talc and anthophyllite (a phenomenon called intergrowth). Again, TEM detection methods are recommended. CA Labs PLM report comments will denote suspected amounts of asbestiform anthophyllite with talc, where further analysis is recommended.

Some samples (floor tiles, surfacings, etc.) may contain fibers too small to be detectable by PLM analysis and should be analyzed by TEM bulk protocols.

A "trace asbestos" will be reported if the analyst observes far less than 1% asbestos. CA Labs defines "trace asbestos" as a few fibers detected by the analyst in several preparations and will indicate as such under these circumstances.

Since allowable variation in quantification of samples close to 1% is high, <1% may be reported. Such results are ideal for point counting, and the technique is mandatory for friable samples (NESHAP, Nov. 1990 and clarification letter 8 May 1991) under 1% percent asbestos or "trace asbestos". **In order to make all initial PLM reports issued from CA Labs NESHAP compliant, all <1% asbestos results (except floor tiles) will be point counted at no additional charge.**

Qualifications

CA Labs is accredited by the National Voluntary Accreditation Program (NVLAP) for selected test methods for airborne fiber analysis (TEM), and for bulk asbestos fiber analysis (PLM). CA Labs is also accredited by AIHA LAP, LLC. in the PLM asbestos field of testing for Industrial Hygiene. All analysts have completed college courses or hold a degree in a natural science (geology, biology, or environmental science). Recognition by a state professional board in one these disciplines is preferred, but not required. Extensive in-house training programs are used to augment the educational background of the analyst. The Laboratory Director and Quality Manager have received supplemental McCrone Research training for asbestos identification. Analysis performed at Crisp Analytical Labs, LLC 1929 Old Denton Road Carrollton, TX 75006

Dallas NVLAP Lab Code 200349-0 TEM/PLM TCEQ# T104704513-15-3 TDH 30-0235
AIHA LAP, LLC Laboratory #102929

CA Labs
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1929 Old Denton Road
Carrollton, TX 75006
Phone 972-242-2754
Fax 972-242-2798

CA Labs, L.L.C.
12232 Industriplex, Suite 32
Baton Rouge, LA 70809
Phone 225-751-5632
Fax 225-751-5634

Overview of Project Sample Material Containing Asbestos

Customer Project:		21-041-1, City of North Little Rock			CA Labs Project #: CAL21098949AG	
Laboratory Sample ID	Sample #	Layer #	Analysts Physical Description of Subsample	Asbestos type / calibrated visual estimate percent	List of Affected Building Material Types	
87063	7	7-3	tan linoleum	22% Chrysotile	tan linoleum tan floor tile	
87067	11	11-1	12" Floor Tile/ tan floor tile	2% Chrysotile		
87068	12	12-1	12" Floor Tile/ tan floor tile	2% Chrysotile		

Dallas NVLAP Lab Code 200349-0 TEM/PLM TCEQ# T104704513-15-3 TDH 30-0235
AIHA LAP, LLC Laboratory #102929

Glossary of abbreviations (non-asbestos fibers and non-fibrous minerals):

ca - carbonate
gyp - gypsum
bi - binder
or - organic
ma - matrix
mi - mica
ve - vermiculite
ot - other

pe - perlite
qu - quartz

fg - fiberglass
mw - mineral wool
wo - wollastonite
ta - talc
sy - synthetic
ce - cellulose
br - brucite
ka - kaolin (clay)

pa - palygorskite (clay)

This report relates to the items tested. This report is not to be used by the customer to claim product certification, approval or endorsement by NVLAP, NIST, AIHA LAP, LLC, or any other agency of the federal government. This report may not be reproduced except in full without written permission from CA Labs. These results are submitted pursuant to CA Labs' current terms and sale, condition of sale, including the company's standard warranty and limitations of liability provisions and no responsibility or liability is assumed for the manner in which the results are used or interpreted. Unless notified in writing to return the samples covered by this report, CA Labs will store the samples for a period of ninety (90) days before discarding. A shipping or handling fee may be assessed for the return of any samples.

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CA Labs, L.L.C.
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Baton Rouge, LA 70809
Phone 225-751-5632
Fax 225-751-5634

Polarized Light Asbestiform Materials Characterization

Customer Info:
Atoka, Inc.
554 Mid America Blvd.
Hot Springs, AR 71913

Attn:

Customer Project:
21-041-1, City of North Little
Rock

CA Labs Project #:
CAL21098949AG

Phone # 501-455-1700
Fax # 501-455-1864

Turnaround Time:
24 hours

Date: 9/23/2021
Samples Rec'd: 9/22/21 10:30AM

Date Of Sampling: 9/21/2021

Purchase Order #:

Laboratory Sample ID	Sample #	Comment	Layer #	Analysts Physical Description of Subsample	Homogeneous (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
87057	1		1-1	Roll Roof/ black roofing shingle with gray gravel	y	None Detected	12% fg	88% qu,bi
87057			1-2	black roofing shingle with tan gravel	y	None Detected	12% fg	88% qu,bi
87057			1-3	black felt	y	None Detected	30% ce	70% qu,bi
87058	2		2-1	Felt/ black roofing shingle with gray gravel	y	None Detected	12% fg	88% qu,bi
87058			2-2	black roofing shingle with tan gravel	y	None Detected	12% fg	88% qu,bi
87058			2-3	black felt	y	None Detected	30% ce	70% qu,bi
87059	3		3-1	Shingle/ black roofing shingle with gray gravel	y	None Detected	12% fg	88% qu,bi

Dallas NVLAP Lab Code 200349-0 TEM/PLM TCEQ# T104704513-15-3 TDH 30-0235

AIHA LAP, LLC Laboratory #102929

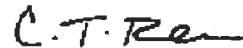
Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-500 / R-93/116). All samples received in good condition unless noted
Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for identification of asbestos types by dispersion staining / becke line method.

ca - carbonate	mi - mica	fg - fiberglass	ce - cellulose
gy - gypsum	ve - vermiculite	mw - mineral wool	br - brucite
bi - binder	ot - other	wo - wollastonite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:



Julio Robles
Analyst



Technical Manager
Tanner Rasmussen

Senior Analyst
Julio Robles

- 1 Fibre Damage significant fiber damage - reported percentages reflect unaltered fibers
- 2 Fibre Damage no significant fiber damages affecting fibrous percentages
- 3 Actinolite in association with Vermiculite
- 4 Layer not analyzed - attached to previous positive layer and contamination is suspected
- 5 Not enough sample to analyze

- 6 Anthrophyllite in association with Fibrous Talc
- 7 Contamination suspected from other building materials
- 8 Favorable scenario for water separation on vermiculite for possible analysis by another method
- 9 < 1% Result point counted positive
- 10 TEM analysis suggested

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Polarized Light Asbestiform Materials Characterization

Customer Info:
Atoka, Inc.
554 Mid America Blvd.
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Attn:

Customer Project:
21-041-1, City of North Little
Rock

CA Labs Project #:
CAL21098949AG

Phone # 501-455-1700
Fax # 501-455-1864

Turnaround Time: 24 hours
Date: 9/23/2021
Samples Rec'd: 9/22/21 10:30AM

Date Of Sampling: 9/21/2021

Purchase Order #:

Laboratory Sample ID	Sample #	Comment	Layer #	Analysts	Physical Description of Subsample	Homo-geneous (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
87059			3-2		black roofing shingle with tan gravel	y	None Detected	12% fg	88% qu,bi
87059			3-3		black felt	y	None Detected	30% ce	70% qu,bi
87060	4		4-1		Shingle/ black roofing shingle with gray gravel	y	None Detected	12% fg	88% qu,bi
87060			4-2		black roofing shingle with tan gravel	y	None Detected	12% fg	88% qu,bi
87060			4-3		black felt	y	None Detected	30% ce	70% qu,bi
87061	5		5-1		Concrete Block, Mortar/ white surfaced white finishing compound	n	None Detected		100% qu,bi,ca
87061			5-2		gray mortar	y	None Detected		100% qu,ca

Dallas NVLAP Lab Code 200349-0 TEM/PLM TCEQ# T104704513-15-3 TDH 30-0235

AIHA LAP, LLC Laboratory #102929

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116) All samples received in good condition unless noted

Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for identification of asbestos types by dispersion staining / becke line method

ca - carbonate	mi - mica	fg - fiberglass	ce - cellulose
gy - gypsum	ve - vermiculite	mw - mineral wool	br - brucite
bi - binder	ot - other	wo - wollastonite	ka - kaolin (clay)
or - organic	pe - perleite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:



Julio Robles
Analyst



Technical Manager
Tanner Rasmussen

Senior Analyst
Julio Robles

- 1 Fire Damage significant fiber damage - reported percentages reflect unaltered fibers
- 2 Fire Damage no significant fiber damages affecting fibrous percentages
- 3 Actinolite in association with Vermiculite
- 4 Layer not analyzed - attached to previous positive layer and contamination is suspected
- 5 Not enough sample to analyze

- 6 Anthophyllite in association with Fibrous Talc
- 7 Contamination suspected from other building materials
- 8 Favorable scenario for water separation on vermiculite for possible analysis by another method
- 9 < 1% Result point counted positive
- 10 TEM analysis suggested

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Crisp Analytical, L.L.C.
1929 Old Denton Road
Carrollton, TX 75006
Phone 972-242-2754
Fax 972-242-2798

CA Labs, L.L.C.
12232 Industriplex, Suite 32
Baton Rouge, LA 70809
Phone 225-751-5632
Fax 225-751-5634

Polarized Light Asbestiform Materials Characterization

Customer Info:
Atoka, Inc.
554 Mid America Blvd.
Hot Springs, AR 71913

Attn:

Customer Project:
21-041-1, City of North Little
Rock

CA Labs Project #:
CAL21098949AG

Phone # 501-455-1700
Fax # 501-455-1864

Turnaround Time:
24 hours

Date: 9/23/2021
Samples Rec'd: 9/22/21 10:30AM

Date Of Sampling: 9/21/2021

Purchase Order #:

Laboratory Sample ID	Sample #	Comment	Layer #	Analysts Subsample	Physical Description of	Homogeneous (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
87061			5-3		white mortar	y	None Detected		100% qu,ca
					Concrete Block, Mortar/ white surfaced white finishing				
87062	6		6-1		compound	n	None Detected		100% qu,bi,ca
87062			6-2		gray mortar	y	None Detected		100% qu,ca
					Vinyl Floor Covering/ brown linoleum				
87063	7	4	7-1		linoleum				
87063		4	7-2		tan mastic				
87063			7-3		tan linoleum	y	22% Chrysotile		78% gy,ma
87063		4	7-4		tan mastic				

Dallas NVLAP Lab Code 200349-0 TEM/PLM TCEQ# T104704513-15-3 TDH 30-0235

AIHA LAP, LLC Laboratory #102929

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-800 / R-93/116). All samples received in good condition unless noted.

Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for identification of asbestos types by dispersion staining / becke line method

ca - carbonate	mi - mica	fg - fiberglass	ce - cellulose
gy - gypsum	ve - vermiculite	mw - mineral wool	br - brucite
bl - binder	ot - other	wo - wollastonite	ka - kaolin (clay)
or - organic	pe - perlite	la - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:



Julio Robles
Analyst



Technical Manager
Tanner Rasmussen

Senior Analyst
Julio Robles

1. Fire Damage significant fiber damage - reported percentages reflect unaltered fibers
2. Fire Damage no significant fiber damages affecting fibrous percentages
3. Actinolite in association with Vermiculite
4. Layer not analyzed - attached to previous positive layer and contamination is suspected
5. Not enough sample to analyze

6. Anthophyllite in association with Fibrous Talc
7. Contamination suspected from other building materials
8. Favorable scenario for water separation on vermiculite for possible analysis by another method
9. < 1% Result point counted positive
10. TEM analysts suggested

CA Labs
Dedicated to Quality

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87064	8		8-1	Vinyl Floor Covering/ tan linoleum	y	None Detected	20% ce	80% gy,ma
87064			8-2	tan mastic	y	None Detected		100% gy,bi
87064			8-3	white leveling compound	y	None Detected		100% qu,ca
87065	9		9-1	Spray on Paint/ white textured surfacing	y	None Detected		100% mi,bi,ve,ca
87066	10		10-1	Spray on Paint/ white textured surfacing	y	None Detected		100% mi,bi,ve,ca
87067	11		11-1	12" Floor Tile/ tan floor tile	y	2% Chrysotile		98% qu,ca
87067			11-2	tan mastic	y	None Detected		100% gy,bi

Dallas NVLAP Lab Code 200349-0 TEM/PLM TCEQ# T104704513-15-3 TDH 30-0235

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ca - carbonate	ml - mica	fg - fibreglass	ce - cellulose
gy - gypsum	ve - vermiculite	mw - mineral wool	br - brucite
bl - binder	ot - other	wo - wollastonite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
me - matrix	qu - quartz	sy - synthetic	

Approved Signatories:



Julio Robles
Analyst



Technical Manager
Tanner Rasmussen

Senior Analyst
Julio Robles

- 1 Fire Damage significant fiber damage - reported percentages reflect unaltered fibers
- 2 Fire Damage no significant fiber damages affecting fibrous percentages
- 3 Actinolite in association with Vermiculite
- 4 Layer not analyzed - attached to previous positive layer and contamination is suspected
- 5 Not enough sample to analyze

- 6 Amphiphilite in association with Fibrous Talc
- 7 Contamination suspected from other building materials
- 8 Favorable scenario for water separation on vermiculite for possible analysis by another method
- 9 < 1% Result point counted positive
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Purchase Order #:

Laboratory Sample ID	Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo-geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
87068	12		12-1	12" Floor Tile/ tan floor tile	y	2% Chrysotile		98% qu,ca
87068			12-2	tan mastic	y	None Detected		100% gy,bi
87069	13		13-1	Roof Flashing/ black felt	y	None Detected	30% ce	70% qu,bi
87070	14		14-1	Roof Flashing/ black felt	y	None Detected	30% ce	70% qu,bi

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Technical Manager
Tanner Rasmussen

Senior Analyst
Julio Robles

- 6 Anthophyllite in association with Fibrous Talc
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APPENDIX "B"

QUALIFICATIONS

Arkansas Department of Environmental Quality

CLIFFORD MCBRYDE

having satisfied the requirements necessary to meet the provisions of AHERA/ASHARA under TSCA Title II and the Arkansas Pollution Control and Ecology Commission's Regulation 21 and is hereby certified in the State of Arkansas in the discipline(s) of Asbestos

Discipline	Issue Date	Effective Date	Expiration Date
Air Monitor	08/03/2021	08/20/2021	08/31/2022
Inspector	08/04/2021	08/20/2021	08/31/2022
Management Planner	08/12/2021	08/20/2021	08/31/2022
Project Designer	08/10/2021	08/20/2021	08/31/2022



Certification Number: 011331

Becky W. Keogh
Becky W. Keogh
ADEQ Director

Arkansas Department of Environmental Quality

ATOKA, INC.

is a licensed
Asbestos Abatement Consultant

having qualified as required by law in accordance with the regulations adopted by the Arkansas Pollution Control and Ecology Commission's Regulation 21 pursuant to Arkansas Code Annotated §20-27-1001 et seq., relative to abatement of asbestos-containing material within the state of Arkansas.



License Number: 000242

Issue Date: 12/14/2020

Expire Date: 12/14/2021

Becky W. Keogh
Becky W. Keogh
ADEQ Director

GENERAL TERMS AND CONDITIONS FOR THE CITY OF NORTH LITTLE ROCK, AR

1. When submitting an "Invitation to Bid," the bidder warrants that the commodities covered by the bid shall be free from defects in material and workmanship under normal use and service. In addition, bidder must deliver new commodities of the latest design and model, unless otherwise specified in the "Invitation to Bid."
2. Prices quoted are to be net process, and when an error is made in extending total prices, the City may accept the bid for the lesser amount whether reflected by extension or by the correct multiple of the unit price.
3. Discounts offered will be taken when the City qualifies for such. The beginning date for computing discounts will be the date of invoice or the date of delivery and acceptance, whichever is later.
4. When bidding other than the brand and/or model specified in the "Invitation to Bid," the brand and/or model number must be stated by that item in the "Invitation to Bid," and descriptive literature be submitted with the bid.
5. The City reserves the right to reject any and all bids.
6. The Purchasing office reserves the right to award items, all or none, or by line item(s).
7. Quality, time and probability of performance may be factors in making an award.
8. Bid quotes submitted will remain firm for 30 calendar days from bid opening date; however, the prices may remain firm for a longer period of time if mutually agreeable between bidder and the Department of Commerce.
9. Bidder must submit a completed signed copy of the front page of the "Invitation to Bid" and must submit any other information required in the "Invitation to Bid."
10. In the event a contract is entered into pursuant to the "Invitation to Bid," the bidder shall not discriminate against any qualified employee or qualified applicant for employment because of race, sex, color, creed, national origin or ancestry. The bidder must include in any and all subcontracts a provision similar to the above.
11. Sales or use tax is not to be included in the bid price, but is to be added by the vendor to the invoice billing to the City. Although use tax is not to be included in this bid, vendors are to register and pay tax direct to the Arkansas State Revenue Department.
12. Prices quoted shall be "Free on Board" (F.O.B.) to destination at designated facility in North Little Rock. Charges may not be added after the bid is opened.
13. In the event of two or more identical low bids, the contract may be awarded arbitrarily or for any reason to any of such bidders or split in any proportion between them at the discretion of the Department of Commerce..
14. Specifications furnished with this Invitation are intended to establish a desired quality or performance level, or other minimum dimensions and capacities, which will provide the best product available at the lowest possible price. Other than designated brands and/or models approved as equal to designated products shall receive an equal consideration.
15. Samples of items when required, must be furnished free, and, if not called for within 30 days from date of bid opening, will become property of the City.
16. Bids will not be considered if they are:
 1. Submitted after the bid's opening time.
 2. Submitted electronically or faxed (unless authorized by Purchasing Agent).
17. Guarantees and warranties should be submitted with the bid, as they may be a consideration in making an award.

18. **CONSTRUCTION**

- A. Contractor is to supply the City with evidence of having and maintaining proper and complete insurance, specifically Workman's Compensation Insurance in accordance with the laws of the State of Arkansas, Public Liability and Property Damage. All premiums and cost shall be paid by the Contractor. In no way will the City be responsible in case of accident.
- B. When noted, a Certified check or bid bond in the amount of 5% of total bid shall accompany bid.
- C. A Performance Bond equaling the total amount of any bid exceeding \$35,000.00 must be provided for any contract for the repair, alteration or erection of any public building, public structure or public improvement (pursuant to Arkansas Code Annotated Section 22-9-203).

19. **LIQUIDATED DAMAGES** - Liquidated damages shall be assessed beginning on the first day following the maximum delivery or completion time entered on this bid form and/or provided for by the plans and specifications.

20. **AMBIGUITY IN BID** - Any ambiguity in any bid as the result of omission, error, lack of clarity or non-compliance by the bidder with specifications, instructions, and all conditions of bidding shall be construed in the light most favorable to the City.

21. The bid number should be stated on the face of the sealed bid envelope. If it is not, the envelope will have to be opened to identify.

22. Whenever a bid is sought seeking a source of supply for a specified period of time for materials and services, the quantities of usage shown are estimated ONLY. No guarantee or warranty is given or implied by the participants as to the total amount that may or may not be purchased from any resulting contracts. These quantities are for the bidders information ONLY and will be used for tabulation and presentation of bid and the participant reserves the right to increase or decrease quantities as required.

23. The City of North Little Rock reserves the right to reject any and all bids, to accept in whole or in part, to waive any informalities in bids received, to accept bids on materials or equipment with variations from specifications in those cases where efficiency of operation will not be impaired, and unless otherwise specified by the bidder, to accept any item in the bid. If unit prices and extensions thereof do not coincide, the City of North Little Rock may accept the bid for the lesser amount whether reflected by the extension or by the correct multiple of the unit price.

24. Additional information or bid forms may be obtained from:
COMMERCE DEPARTMENT, 120 Main Street, P.O. Box 5757, North Little Rock, Arkansas 72119 (501)975-8881
www.nlr.ar.gov

Bidding documents must be submitted on or before the bid's opening date and time. Unless noted, bids must be sealed and mailed or delivered to:

**Commerce Department
120 Main Street (P.O. Box 5757)
North Little Rock, AR 72114 (72119)**