Addendum 01 for RFB947500-01

Project Name: CHMHI Fleet Garage Repairs
DAS RFQ#: 947500-001
DAS Project #: 9475.00
Date: 11/3/25

Bids Due: November 21st 2025 at 2:00 pm

Contents:

- Cover Page (1 page)
- Updated table of contents to fix page numbers and to relabel General Work Requirements to 01 1201 (2 pages)
- Hazardous Materials Survey Report from Atlas One

SECTION 00 0110

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HAZARDOUS BUILDING MATERIALS SURVEY

PREPARED FOR:

Iowa Department of Administrative Services
109 SE 13th Street
Des Moines, IA 50319

PROJECT LOCATION:

CHMHI Fleet Garage Repairs Project #9475.00
Cherokee Hospital Mental Health Institute
1251 West Cedar Loop
Cherokee, Iowa

Project Date: October 21, 2025

Report Date: October 30, 2025

Atlas Project ID: 204BS09342

PREPARED BY:

Atlas Technical Consultants LLC
4503 East 50th Street, Suite 800
Des Moines, IA 50317

October 30, 2025

Ms. Jennie Elliott
Iowa Department of Administrative Services
220 109 SE 13th Street
Des Moines, IA 50319

Re: Hazardous Building Materials Survey Report
CHMHI Fleet Garage Repairs Project #9475.00
1251 West Cedar Loop
Cherokee, Iowa
Atlas Project Number: 204BS09342

Dear Ms. Elliott:

Atlas Technical Consultants LLC. (Atlas) is pleased to submit the attached Limited Hazardous Building Materials Survey Report for the above-referenced site. This report includes procedures, methodologies and analytical laboratory results.

Atlas appreciates the opportunity to perform these services for the Iowa Department of Administrative Services (IDAS), and we look forward to working with you in the future. If you need any assistance with the implementation of the recommendations contained in this report, please feel free to give us a call at (515) 981-4528 and we will respond promptly to your needs.

Sincerely,

ATLAS TECHNICAL CONSULTANTS LLC

Aaron Girard
Iowa Inspector

Phillip Thomas, OHST, CHMM
Project Manager

T A B L E O F C O N T E N T S

HAZARDOUS BUILDING MATERIALS SURVEY

CHMHI Fleet Garage Repair Project #9475.00
1251 West Cedar Loop
Cherokee, Iowa
Atlas Project ID: 204BS09342

1.0 SCOPE OF SERVICES

The purpose of this project was to perform a survey for hazardous building materials that may be impacted by planned renovation activities at the above-referenced property.

Atlas provided a representative hazardous materials survey in accordance with the referenced agreement and as outlined below:

1. Review any existing hazardous building material survey reports relating to the site, if available.
2. Identify suspect asbestos-containing materials (ACM), surface coatings potentially containing lead paint, and hazardous building materials of accessible materials as part of the CHMHI Fleet Garage Repair Project #9475.00.
3. Collect and analyze bulk samples of suspect asbestos containing materials and collect paint chip samples from representative surface coatings potentially containing lead-based or lead-containing paint.
4. Provide laboratory analysis of collected samples.
5. Provide a report of findings with copies and interpretation of analytical results and identifying the locations of asbestos-containing materials, lead paint, and hazardous building materials.

2.0 GENERAL SITE CONDITIONS

The survey was conducted at the Cherokee Hospital Mental Health Institute – CHMHI Fleet Garage Repair Project #9475.00 located at 1251 West Cedar Loop in Cherokee, Iowa. The survey area was limited to interior and exterior materials and the roof that will be disturbed as part of planned repair activities.

3.0 ASBESTOS SURVEY

On October 21, 2025, the Fleet Garage located on the CHMHI Campus was inspected for ACM by inspector Aaron Girard of Atlas. Mr. Girard has completed the requisite training for asbestos accreditation as an inspector at a state approved training provider under TSCA Title II. Mr. Girard's State of Iowa Inspector number is 24-12575.

The area(s) were visually inspected for the presence of suspect ACM that may be impacted by planned CHMHI Fleet Garage Repair Project #9475.00. Materials that were hidden, not accessible, or when sampled would damage the integrity of the structure, were not sampled as part of this survey. Materials visibly identified as non-asbestos (fibrous glass, foam rubber, wood, etc.) were not sampled. The asbestos survey consisted of three basic steps: **1)** a visual inspection of the proposed work areas; **2)** a determination of homogeneous areas with suspect surfacing, thermal system insulation, and miscellaneous materials; and **3)** sampling accessible, friable and non-friable, suspect materials.

3.1 Regulation Review

In Iowa, asbestos activities are regulated by the Iowa Department of Natural Resources (IDNR) and Iowa Workforce Development (IWD), Division of Labor. IDNR regulates asbestos fiber emissions under Iowa Administrative Code 567 Chapter 23 (IAC 567–23) and asbestos-containing waste disposal under IAC 567–109. IWD regulates occupational exposure to asbestos under IAC 875–10 and asbestos removal and encapsulation activities under IAC 875–155.

IAC 567–23.1(3) adopts the USEPA asbestos NESHAP (40 CFR Part 61, Subpart M) by reference. Subpart M regulates asbestos fiber emissions and asbestos waste disposal practices. It also requires the identification and classification of existing building materials prior to demolition or renovation activity. Under NESHAP, asbestos-containing building materials are classified as friable, Category I nonfriable, or Category II nonfriable ACM. Friable materials are those that, when dry, may be crumbled, pulverized, or reduced to powder by hand pressure. Category I nonfriable ACM includes packings, gaskets, resilient floor coverings, and asphalt roofing products containing more than 1% asbestos. Category II nonfriable ACM are any materials other than Category I materials that contain more than 1% asbestos.

Regulated ACM (RACM) must be removed before renovation or demolition activities that will disturb the materials. RACM includes:

- Friable ACM;
- Category I nonfriable ACM that has become friable or will be subjected to drilling, sanding, grinding, cutting, or abrading; and
- Category II nonfriable ACM that could be crumbled, pulverized, or reduced to powder during renovation or demolition activities.

The owner or operator must provide the IDNR and IWD with written notification of planned removal activities at least 10 working days prior to the commencement of asbestos abatement activities. Removal of RACM must be conducted by an Iowa-permitted asbestos abatement contractor.

IAC 875–155 Asbestos Removal and Encapsulation requires that any asbestos-related activity conducted in a public building be performed by personnel licensed or permitted by the IWD. Inspections for ACM must be conducted by IWD-licensed inspectors. Asbestos abatement must be performed by IWD-permitted asbestos abatement contractors. Management plans developed for the in-place management of asbestos-containing materials must be developed by an IWD-licensed management planner. When an abatement project design is prepared, it must be prepared by an IWD-licensed project designer.

IAC 875–10 adopts the Occupational Safety and Health Administration (OSHA) Asbestos standard for construction (29 CFR 1926.1101) by reference. The OSHA standard requires that employee exposure to airborne asbestos fibers be maintained below the permissible exposure limits (PEL) of 0.1 asbestos fibers per cubic centimeter (0.1 f/cc) of air as an 8-hour time-weighted average and 1.0 f/cc as a 30-minute excursion. The OSHA standard classifies construction and maintenance activities that could disturb ACM and specifies work practices and precautions that employers must follow when engaging in each class of regulated work.

3.2 Homogeneous Areas

Prior to sampling, homogeneous areas were identified in order to facilitate a sampling strategy. A homogeneous sampling area can be described as one or more areas with suspect material similar in appearance and texture that have the same installation date and function. The actual number of samples collected from each homogeneous sampling area may vary, dependent upon material type and the professional judgment of the inspector.

3.3 Sampling Strategy

The sampling strategy incorporated Asbestos Hazard Emergency Response Act (AHERA) requirements, quantities of suspect material, and the inspector's judgment to aid in the identification of suspect asbestos-containing materials. If the analytical results indicated that all the samples collected per homogeneous area did not contain asbestos, then the homogeneous area (material) was considered non-asbestos-containing. However, if the analytical results of one or more of the samples collected per homogeneous area indicated that asbestos was present in quantities greater than one percent asbestos (as defined by USEPA), all of the homogeneous area (material) was treated as an asbestos-containing material regardless of any other analytical results. Materials which were visually determined to be non-asbestos (i.e. fibrous glass, foam rubber, etc.) by the accredited inspector were not required to be sampled. Actual collection of a bulk asbestos sample involves physically removing approximately one square inch (1 in^2) of material and placing it in an airtight sample container. Sample containers were marked with a unique identification number, which was documented in the field notes.

3.4 Laboratory Analytical Results

A total of **15** samples were collected from building materials suspected of containing asbestos. The samples were submitted under chain of custody to EMSL Analytical, Inc. (EMSL) located at 6340 CastlePlace Drive, Indianapolis, Indiana, for analysis by polarized light microscopy (PLM) with dispersion staining techniques per the *USEPA Method for the Determination of Asbestos in Bulk Building Materials (600/R-93-116)*. The percentage of asbestos, if applicable, was established by microscopic visual estimation. EMSL is an accredited laboratory by the National Voluntary Laboratory Accreditation Plan (NVLAP) No. 200188-0. Any material that contains greater than one percent (>1%) asbestos is considered an ACM and must be handled according to Occupational Safety and Health Administration (OSHA), USEPA, and all applicable state and local regulations.

Laboratory test results and chain of custody are provided in Appendix A.

3.5 Suspect Asbestos-Containing Materials

The following table contains a list of suspect asbestos containing materials sampled:

TABLE 1: SUSPECT BUILDING MATERIALS		
Material	**Location**	**Sample Number**
Interior Window Glazing (white)	Interior – North End, South End	1.1 – 1.3
Exterior Window Glazing (white)	Exterior – South End, Central Area, North End	2.4 – 2.6
Exterior Window Glazing (white)	Exterior – South End, Central End, North End (between metal frame and glass)	3.7 – 3.9
Shingles (black/grey)	Exterior Roof – South End, Central End, North End	4.10 – 4.12
Interior Door Caulking (white)	Interior – Central Door	5.13 – 5.15

Table 2 below identifies the materials that have been determined, through laboratory analysis, to contain asbestos:

TABLE 2: ASBESTOS-CONTAINING MATERIALS				
Sample Number	**Material**	**Location**	**Approx. Quantity**	**Asbestos Content**
No Asbestos Containing Building Materials Were Identified in Samples Collected				
SF = Square Feet, LF = Linear Feet				

Table 3 below identifies materials that were determined to contain asbestos fibers in concentrations of less than one percent (<1%) asbestos.

TABLE 3: MATERIALS CONTAINING <1% ASBESTOS			
Sample Number	**Homogenous Material**	**Location**	**Asbestos Content per Layer**
2.4 – 2.6	Exterior Window Glazing (white)	Exterior – Throughout	<1% Chrysotile
3.7	Exterior Window Glazing (white)	Exterior – Throughout (between metal frame and glass)	<1% Chrysotile
5.13 – 5.15	Interior, Door Caulking (white)	Interior – Central Door	<1% Chrysotile

Materials with an asbestos content of <1% that are not classified as an ACM are not required to be abated prior to renovation or demolition of a building. However, the OSHA Asbestos Standard does regulate exposures associated with disturbance of materials containing <1% asbestos. The renovation contractor should be notified that this material could generate airborne concentrations of asbestos so that they can take the necessary precautions to protect their personnel from potential exposures during work-related activities as per the OSHA standard.

4.0 LEAD PAINT TESTING

Atlas collected paint chip samples from representative surface coatings that may be impacted by renovation/demolition activities.

Surface coatings that were collected were considered to be representative of materials in a homogeneous area if:

1. They exhibited similar physical characteristics (suspect materials alike in appearance, substrate, color, and time of application were tested as homogenous areas)
2. The application of the tested surface could be associated to an application of an unsampled surface.

Atlas collected and submitted a total of **four** paint chip samples from surface coatings. The samples were submitted to EMSL of Indianapolis, Indiana, under proper chain of custody for analysis by Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B). EMSL is accredited under the American Industrial Hygiene Association-Laboratory Accreditation Program (AIHA-LAP, LLC) (AIHA-LAP; lab code 157245).

A copy of the analytical results and chain of custody can be found in Appendix B.

The USEPA has defined LBP as *"paint or other surface coatings that contain lead in excess of 0.5 percent by weight (>0.5%)".* Results less than 0.5% by weight indicate that lead is not present at or above the USEPA regulatory level; however, lead was present in lower concentrations above the laboratory detection limit in other surfaces tested and these are classified as lead-containing paint (LCP). Negative results do not mean that lead is not present.

4.1 Regulation Review

The disturbance and disposal of materials with surface coatings that contain lead paint are regulated by the USEPA, OSHA and the State of Iowa. The Resource Conservation and Recovery Act (RCRA) provides the USEPA with the authority to regulate the waste status of demolition or renovation debris, including lead-containing materials. Specific notification and testing requirements must be addressed prior to transporting, treating, storing, or disposing of hazardous wastes.

Construction work covered by 29 CFR 1926.62 includes any repair, renovation or other activities that disturb in-place, lead-containing materials, but does not include routine cleaning and repainting where there is insignificant damage, wear or corrosion of existing lead-containing coatings or substrates. Unless adequately protected, employee exposures to lead must not exceed airborne concentrations >50 micrograms per cubic meter ($\mu g/m^3$) averaged over an 8-hour period.

Occupational exposure to lead occurring in the course of construction work, including maintenance activities, painting, alteration and repairs is subject to the OSHA Lead standard (29 CFR 1926.62). The lead standard applies to any detectable concentration of lead in paint, as even

small concentrations of lead can result in unacceptable employee exposures depending upon the method of removal and other workplace conditions.

The disposal of lead-based paint waste, as well as paint waste containing other heavy metals, is regulated by the USEPA and State of Iowa. Wastes generated by industrial businesses, commercial businesses, and government institutions are subject to regulation. Commercial business owners and removal contractors are required to determine if paint waste generated from nonresidential structures (such as public and commercial buildings, warehouses, bridges, water towers, and transmission towers) contains heavy metals that would cause the debris to be considered a hazardous waste. Disposal options and applicable management requirements for collected debris will be based upon whether the waste stream is considered a hazardous waste and the amount of debris generated. Removal contractors and building owners need to include these factors when preparing and responding to bid specifications. Specific notification and testing requirements must be addressed prior to transporting, treating, storing, or disposing of hazardous wastes. Lead-containing wastes are considered hazardous waste under RCRA if Toxicity Characteristic Leachate Procedure (TCLP) results exceed 5 milligrams per liter (mg/L). The USEPA has made exceptions for the handling and disposal of lead wastes generated from residential housing.

Specific notification and testing requirements must be addressed prior to transporting, treating, storing, or disposing of hazardous wastes. Lead-containing wastes are considered hazardous waste under RCRA if Toxicity Characteristic Leachate Procedure (TCLP) results exceed 5 milligrams per liter (mg/L). The USEPA has made exceptions for the handling and disposal of lead wastes generated from residential housing.

The above overview is not intended to be inclusive of all potentially pertinent regulatory information. The relevant USEPA, OSHA and State of Iowa regulations should be consulted prior to undertaking activities involving the demolition, renovation or maintenance of surface coatings that contain lead.

4.2 Lead Paint Testing

The following surface coatings were collected as part of the lead paint testing:

TABLE 4: LEAD PAINT SUMMARY

Sample Number	Sample Location	Representative Material	Paint Color	Lead Concentration (% by weight)
LBP-1	**Exterior – Soffit Trim, South End**	**Wood**	**White**	**3.7%**
LBP-2	Exterior – Overhead Door Frame, South End	Wood	White	<0.0064%
LBP-3	**Interior – Doorway Framing**	**Wood**	**White**	**3.7%**
LBP-4	**Interior – Door, North End**	**Wood**	**White**	**7.3%**

bolded = lead-based paint

This evaluation report can help the Owner develop a plan for renovating the building by having concentrations of lead in the paint identified. It is our understanding that the information in this report will be provided to the contractors so that appropriate precautions can be made to minimize worker exposure to lead. If surface coatings with lead containing paint are handled improperly, exposure could occur to workers and future occupants of the facility.

5.0 HAZARDOUS MATERIALS SURVEY

Atlas completed a visual inspection of areas throughout the intended work areas in an attempt to identify hazardous wastes or universal wastes that may be impacted by planned renovation activities. The survey included a visual inspection of: light fixtures and other equipment for the presence of Polychlorinated Biphenyls (PCBs); light bulbs, thermostats, switches, and other equipment for the presence of mercury; refrigerants, batteries, and devices with potential radioactive materials.

TABLE 5: HAZARDOUS BUILDING MATERIALS

Category	Material	Estimated Quantity
Batteries	Lead Acid	1
	Nickel Cadmium	NA
	Lithium-Ion	NA
Mercury	Thermostats	NA
	Fluorescent Light Tubes	NA
	High Intensity Discharge Bulbs	NA
	Strobes	NA
RCRA Metals	LED Light Fixtures	NA
Poly-Chlorinated Biphenyl (PCBs)	Light Ballasts	NA
	Transformers	NA
Low Level Radioactive Sources (LLR)	Tritium Exit Signs	NA
	Smoke Detectors	NA
Chlorofluorocarbons (CFCs) or Hydro Chlorofluorocarbons (HCFCs)	Refrigerator/Cooler	NA
	Freezer	NA
	Water Fountain	NA

6.0 CONCLUSIONS AND RECOMMENDATIONS

6.1 Asbestos

ACM **was not** identified in the samples collected.

Materials containing less than 1% asbestos **were identified** in three of the materials collected.

6.2 Lead

Lead **was identified** in excess of the USEPA level of 0.5% in two of the surface coatings collected and analyzed.

6.3 Hazardous Materials

If any of the hazardous materials or universal wastes identified in Table 5 above are to be impacted as part of the renovation contractor's scope of work, they shall be collected and disposed of according to the USEPA Toxic Substances Control Act (TSCA) and the State of Iowa regulations.

7.0 LIMITATIONS

The results, findings, conclusions, and recommendations expressed in this report are based solely on conditions noted during the October 21, 2025, Atlas inspection of the CHMHI Fleet Garage Repair Project #9475.00 located at 1251 West Cedar Loop, Cherokee, Iowa.

Atlas did not perform destructive sampling -- it was not within Atlas's scope of work to remove surface materials to investigate portions of the structure or materials that may lay beneath the surface -- thus, any materials that could not be visually identified on the surface were not inspected and would not be noted in this report. Atlas's selection of sample locations and frequency of sampling was based on the inspector's assumption that like materials in the same area are homogeneous in content.

The report is designed to aid the building owner, architect, construction manager, general contractor, and potential asbestos abatement contractor in locating ACM. Under no circumstances is the report to be utilized as a bidding document or as a project specification document since it does not have all the components required to serve as an Asbestos Project Design document or an Abatement Work plan.

Our professional services have been performed, our findings obtained, and our conclusions and recommendations prepared in accordance with customary principles and practices in the fields of environmental science and engineering. This statement is in lieu of other statements either expressed or implied. This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not investigated.

This report is intended for the sole use of the IDAS. The scope of services performed in execution of this evaluation may not be appropriate to satisfy the needs of other users and use or re-use of this document or the findings, conclusions, or recommendations is at the risk of said user.

APPENDIX A

Asbestos Analytical Report and Chain of Custody

EMSL Analytical, Inc.

6340 CastlePlace Dr. Indianapolis, IN 46250

Tel/Fax: (317) 803-2997 / (317) 803-3047

http://www.EMSL.com / indianapolislab@emsl.com

EMSL Order:	162513721
Customer ID:	ATC55
Customer PO:	
Project ID:	

Attention:	Aaron Girard	**Phone:**	(402) 670-2512
	Atlas Technical	**Fax:**	(402) 597-8532
	11117 Mockingbird Drive	**Received Date:**	10/22/2025 9:35 AM
	Omaha, NE 68137	**Analysis Date:**	10/23/2025
		Collected Date:	10/21/2025

Project: 204BS09342-Chmhi Fleet Garage Repair Project

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**
1.1 *162513721-0001*	EXTERIOR NORTH END - INTERIOR WINDOW GLAZING WHITE	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1.2 *162513721-0002*	EXTERIOR SOUTH END - INTERIOR WINDOW GLAZING WHITE	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1.3 *162513721-0003*	EXTERIOR SOUTH END - INTERIOR WINDOW GLAZING WHITE	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2.4 *162513721-0004*	EXTERIOR SOUTH END - EXTERIOR WINDOW GLAZING WHITE	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	**<1% Chrysotile**
2.5 *162513721-0005*	CENTRAL AREA - EXTERIOR WINDOW GLAZING WHITE	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	**<1% Chrysotile**
2.6 *162513721-0006*	NORTH END - EXTERIOR WINDOW GLAZING WHITE	Tan/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	**<1% Chrysotile**
3.7 *162513721-0007*	EXTERIOR SOUTH END - EXTERIOR WINDOW GLAZING, WHITE - BETWEEN METAL PANES & GLASS	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	**<1% Chrysotile**
3.8 *162513721-0008*	CENTRAL END - EXTERIOR WINDOW GLAZING, WHITE - BETWEEN METAL PANES & GLASS	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
3.9 *162513721-0009*	NORTH END - EXTERIOR WINDOW GLAZING, WHITE - BETWEEN METAL PANES & GLASS	Tan/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4.10-Shingle *162513721-0010*	EXTERIOR ROOF SOUTH - SHINGLES/FELT PAPER, BLACK / GRAY	Gray/Black Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
4.10-Felt Paper *162513721-0010A*	EXTERIOR ROOF SOUTH - SHINGLES/FELT PAPER, BLACK / GRAY	Black Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected

Initial report from: 10/23/2025 13:22:16

EMSL Analytical, Inc.
6340 CastlePlace Dr. Indianapolis, IN 46250
Tel/Fax: (317) 803-2997 / (317) 803-3047
http://www.EMSL.com / indianapolislab@emsl.com

EMSL Order: 162513721
Customer ID: ATC55
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**
4.11-Shingle *162513721-0011*	EXTERIOR ROOF CENTRAL - SHINGLES/FELT PAPER, BLACK / GRAY	Gray/Black Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
4.11-Felt Paper *162513721-0011A*	EXTERIOR ROOF CENTRAL - SHINGLES/FELT PAPER, BLACK / GRAY	Black Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
4.12-Shingle *162513721-0012*	EXTERIOR ROOF NORTH - SHINGLES/FELT PAPER, BLACK / GRAY	White/Black Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
4.12-Felt Paper *162513721-0012A*	EXTERIOR ROOF NORTH - SHINGLES/FELT PAPER, BLACK / GRAY	Black Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
5.13 *162513721-0013*	INTERIOR CENTRAL DOOR - INTERIOR DOOR CAULKING WHITE	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	**<1% Chrysotile**
5.14 *162513721-0014*	INTERIOR CENTRAL DOOR - INTERIOR DOOR CAULKING WHITE	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	**<1% Chrysotile**
5.15 *162513721-0015*	INTERIOR CENTRAL DOOR - INTERIOR DOOR CAULKING WHITE	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	**<1% Chrysotile**

Analyst(s)
Hilary Jarvis (12)
Hannah Morgan (6)

Asbestos Laboratory Manager
or Other Approved Signatory

Initial report from: 10/23/2025 13:22:16

OrderID: 162513721

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody (Air, Bulk, Soil)

EMSL Order Number / Lab Use Only: 162513721

EMSL Analytical, Inc.
Cinnaminson, NJ 08077
PHONE: 1-800-220-3675
EMAIL: cs@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:		Billing ID:	
Company Name:	Atlas Technical Consultants	Company Name:	Atlas Technical Consultants
Contact Name:	Aaron Girard	Billing Contact:	Aaron T Girard
Street Address:	928 South Helen Street	Street Address:	928 South Helen Street
City, State, Zip:	Sioux City IA 5110	Country: US	City, State, Zip: Sioux City IA 51106 Country: US
Phone:	4026702512		Phone: 4026702512
Email(s) for Report:	aaron.girard@oneatlas.com		Email(s) for Invoice:

Project Information

Project Name/No: 204B509392 - CHMAF Fleet Garage Repair Project
Purchase Order:
EMSL LIMS Project ID. (If applicable, EMSL will provide)
US State where samples collected: IA
State of Connecticut (CT) must select project location: ☐ Commercial (Taxable) ☐ Residential (Non-Taxable)
Sampled By Name: Aaron Girard
Sampled By Signature: Aaron Girard
No. of Samples in Shipment: 15

Turn-Around-Time (TAT)

☐ 3 Hour ☐ 4-4.5 Hour ☐ 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%)
- ☐ 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)

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

Method of Shipment: Fedex
Relinquished by: Aaron Girard Date/Time: 10/24/25
Relinquished by: Date/Time:
Sample Condition Upon Receipt:
Received by: [illegible] Date/Time: 10/27/25 9:35A
Received by: Date/Time:

Controlled Document - COC-05 Asbestos R15 4/23/2021

☐ 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.

OrderID: 162513721

ASBESTOS BULK SAMPLE LOG

ATLAS
11117 Mockingbird Drive
Omaha, NE 68137
Phone (402) 697-9747
Fax (402) 597-8532

Client: DCI Group
Project #: 20485098342
Building: CHMHE Fleet Garage Repair Project 9475.00
Date: 10/21/25
Inspector: Aaron Girard
Homogeneous Area:

Sample #	Material Description	Sample Location	Quantity
1.1	Interior Window Glazing White	Exterior - North End	6 EA
1.2		- South End	6 EA
1.3			
2.4	Exterior Window Glazing White	Exterior - South End	1
2.5		Central Area	
2.6		North End	
3.7	Exterior Window Glazing White (Between metal frame & Glass	Exterior - South End	144 LF
3.8		Central End	
3.9		North End	
4.10	Shingles/Felt Paper Black/Gray	Exterior - Roof - South	115 x 23
4.11		Central	
4.12		North	
5.13	Interior Door Caulking White	Interior - Central Door	19 LF
5.14			
5.15			

Page ____ of ____

OrderID: 162513721

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody (Air, Bulk, Soil)

EMSL Order Number / Lab Use Only

EMSL Analytical, Inc.

Cinnaminson, NJ 08077
PHONE: 1-800-220-3675
EMAIL: cs@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)
	* See Attached Sheet		

Method of Shipment		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time:	Received by:	Date/Time
Relinquished by:	Date/Time:	Received by:	Date/Time

Controlled Document - COC-05 Asbestos R15 4/23/2021

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

APPENDIX B

Lead Analytical Report and Chain of Custody

EMSL Analytical, Inc.

6340 Castleplace Drive, Indianapolis, IN, 46250
Telephone: 317.803.2997 Fax:317.803.3047
www.emsl.com

EMSL Order ID: 162562600
LIMS Reference ID: CD62600
EMSL Customer ID: ATC55

Attention: Aaron Girard
Atlas Technical [ATC55]
11117 Mockingbird Drive
Omaha, NE 68137
(402) 670-2512
aaron.girard@oneatlas.com

Project Name: 204BS09342-CHMHI FLEET GARAGE REPAIR

Customer PO:
EMSL Sales Rep: Anthony DeRosa
Received: 10/22/2025 09:35
Reported: 10/24/2025 08:28

Analytical Results

Analyte	Results	RL	Weight(g)	Prep Date & Tech	Prep Method	Analysis Date & Analyst	Analytical Method	Q	DF
Client Sample ID: LBP-1/WHITE, WOOD SOFFIT TRIM-SOUTH END									**Date Sampled: 10/21/25**
Matrix: Chips									**LIMS Reference ID: CD62600-01**
Lead	3.7 % wt	0.063 % wt	0.2523	10/23/25 OCX	SW-846 3050B	10/23/25 CG	SW 846-7000B	M2	10
Sample Comments:									
Client Sample ID: LBP-2/WHITE WOOD OVERHEAD DOOR FRAME SOUTH END									**Date Sampled: 10/21/25**
Matrix: Chips									**LIMS Reference ID: CD62600-02**
Lead	<0.0064 % wt	0.0064 % wt	0.283	10/23/25 OCX	SW-846 3050B	10/23/25 CG	SW 846-7000B	M2	1
Sample Comments:									
Client Sample ID: LBP-3/WHITE WOOD INTERIOR DOORWAY									**Date Sampled: 10/21/25**
Matrix: Chips									**LIMS Reference ID: CD62600-03**
Lead	3.7 % wt	0.062 % wt	0.2563	10/23/25 OCX	SW-846 3050B	10/23/25 CG	SW 846-7000B	M2	10
Sample Comments:									
Client Sample ID: LBP-4/WHITE WOOD INTERIOR DOOR NORTH END									**Date Sampled: 10/21/25**
Matrix: Chips									**LIMS Reference ID: CD62600-04**
Lead	7.3 % wt	0.16 % wt	0.2541	10/23/25 OCX	SW-846 3050B	10/23/25 CG	SW 846-7000B	M2	25
Sample Comments:									

EMSL Analytical, Inc.

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EMSL Order ID: 162562600
LIMS Reference ID: CD62600
EMSL Customer ID: ATC55

Attention: Aaron Girard
Atlas Technical [ATC55]
11117 Mockingbird Drive
Omaha, NE 68137
(402) 670-2512
aaron.girard@oneatlas.com

Project Name: 204BS09342-CHMHI FLEET GARAGE REPAIR

Customer PO:
EMSL Sales Rep: Anthony DeRosa
Received: 10/22/2025 09:35
Reported: 10/24/2025 08:28

Certified Analyses included in this Report

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

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	04/01/2026
16-AIHA ELLAP	American Industrial Hygiene Association (AIHA LAP, LLC) - ELLAP	157245	08/01/2027
16-AIHA IHLAP	American Industrial Hygiene Association (AIHA LAP, LLC) - IHLAP	157245	08/01/2027
16-CA ELAP	California Metals in DW, Chemistry and Bulk Asbestos in Hazardous Waste	2575	06/30/2026
16-A2LA Food	A2LA Food Microbiology	2845.11	01/31/2026
16-A2LA Chemistry	A2LA Environmental and Chemistry	2845.25	11/30/2025
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	05/03/2026
16-FLDOH	Florida Asbestos and Metals in Drinking Water, PCBs	E871170	06/30/2026
16-NJDEP	New Jersey Metals, Organics and Inorganics in DW PCBs	IN002	06/30/2026
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.

Notes and Definitions

Item	Definition
M2	The Matrix Spike was outside of acceptable limits due to matrix bias.
(Dig)	For metals analysis, sample was digested.
[2C]	Reported from the second channel in dual column analysis.
DA	Direct Analysis
DF	Dilution Factor
MDL	Method Detection Limit.
ND	Analyte was NOT DETECTED at or above the detection limit.
NR	Spike/Surrogate showed no recovery.
Q	Qualifier
RCS	Respirable Crystalline Silica
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.

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Telephone: 317.803.2997 Fax:317.803.3047
www.emsl.com

EMSL Order ID: 162562600
LIMS Reference ID: CD62600
EMSL Customer ID: ATC55

Attention: Aaron Girard
Atlas Technical [ATC55]
11117 Mockingbird Drive
Omaha, NE 68137
(402) 670-2512
aaron.girard@oneatlas.com

Project Name: 204BS09342-CHMHI FLEET GARAGE REPAIR

Customer PO:
EMSL Sales Rep: Anthony DeRosa
Received: 10/22/2025 09:35
Reported: 10/24/2025 08:28

Sara Dille 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 0.0064% 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.

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead Chain of Custody

EMSL Order Number / Lab Use Only

1102502690

EMSL Analytical, Inc.
Indianapolis, IN 46250
PHONE: (317) 803-2997
EMAIL: indianapolislab@emsl.com

Customer Information		Billing Information	
Customer ID:		Billing ID:	
Company Name:	Atlas Technical	Company Name:	Atlas Technical
Contact Name:	Aaron Girard	Billing Contact:	Aaron Girard
Street Address:	11117 Mockingbird Drive	Street Address:	11117 Mockingbird Drive
City, State, Zip:	Omaha NE 68137	City, State, Zip:	Omaha NE 68137
Country:	US	Country:	US
Phone:	4026702512	Phone:	4026702512
Email(s) for Report:	Aaron.Girard@oneatlas.com	Email(s) for Invoice:	

Project Information

Project Name/No: 204B509342 - CHMHE Fleet Cargo Repair
Purchase Order:
EMSL LIMS Project ID: (If applicable, EMSL will provide)
US State where samples collected: IA
State of Connecticut (CT) must select project location: ☐ Commercial (Taxable) ☐ Residential (Non-Taxable)
Sampled By Name: Aaron Girard
Sampled By Signature: Aaron Girard
No. of Samples in Shipment: 4

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	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)	☒
*Reporting Limit based on a minimum 0.25g sample weight	SW 846-6010D*	ICP-OES	0.0004% (4ppm)	☐
AIR	NIOSH 7082	Flame Atomic Absorption	4µg/filter	☐
	NIOSH 7300M / NIOSH 7303M	ICP-OES	0.5µg/filter	☐
	NIOSH 7300M / NIOSH 7303M	ICP-MS	0.05µg/filter	☐
WIPE ☐ ASTM ☐ NON-ASTM	SW 846-7000B	Flame Atomic Absorption	10µg/wipe	☐
*If no box is checked, non-ASTM Wipe is assumed	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

Method of Shipment: Fedex
Sample Condition Upon Receipt:

Relinquished by: Aaron Girard	Date/Time: 10/21/25	Received by: [illegible]	Date/Time: 10/22/25 9:35A
Relinquished by:	Date/Time:	Received by:	Date/Time

Controlled Document - COC-26 Lead R16 4/19/2021

*6010C Available Upon Request

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

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EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.

Indianapolis, IN 46250
PHONE: (317) 803-2997
EMAIL: indianapolislab@emsl.com

Lead Chain of Custody

EMSL Order Number / Lab Use Only

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
* See Attached Sheets			

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time:	Received by:	Date/Time
Relinquished by:	Date/Time:	Received by:	Date/Time

Controlled Document - COC-25 Lead R16 4/19/2021

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

PAINT CHIP SAMPLE LOG SHEET

ATLAS

11117 Mockingbird Drive
Omaha, NE 68137

Phone (402) 697-9747
Fax (402) 597-8532

Client:	Project Description:	Inspector:
DCI Group	CHMHF Fleet Garage Repairs project	Aaron Girard
Date:	Site Location:	Atlas Project Number:
10/21/25	Cherokee Hospital/Mental Health	~~204BS~~ 204BS09342

Sample #	Paint Color	Substrate	Sample Location	Quantity
LBP-1	White	Wood	Soffit + Trim - South End	345 SF
LBP-2	White	Wood	Overhead Door Frame South End	40 SF
LBP-3	White	Wood	Exterior Door Way	2 10SF ~~6SF~~
LBP-4	White	Wood	Exterior Door - North End	1 EA

APPENDIX C

Drawing(s) with Sample Locations

ATLAS

PROJECT NUMBER

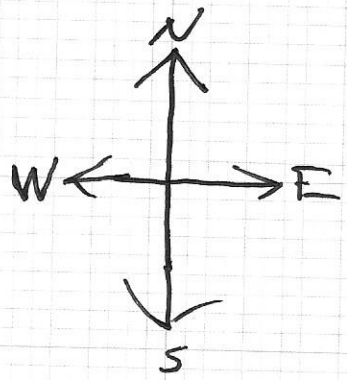
SHEET OF

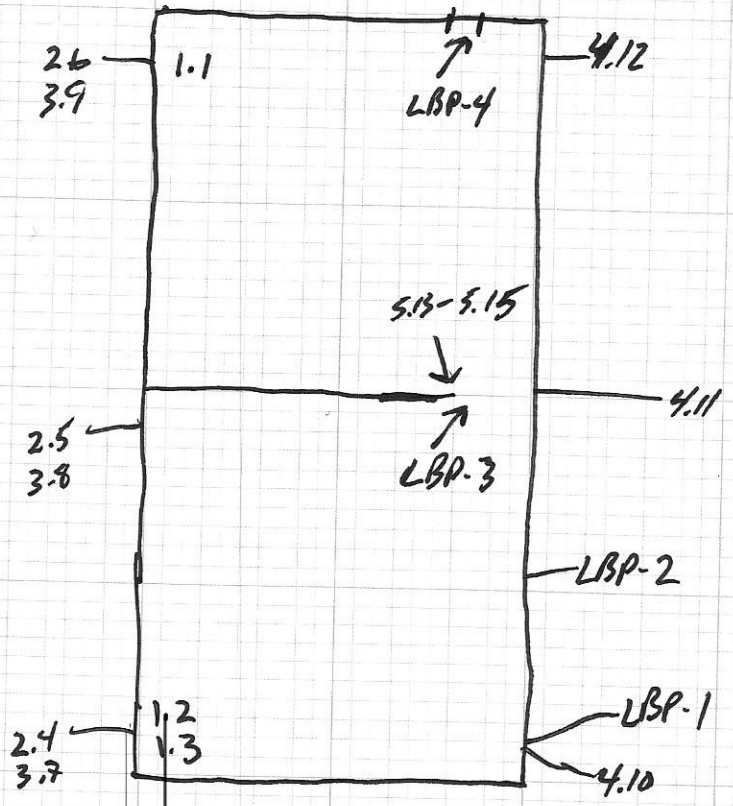
CLIENT DCI Group

DATE 10/21/25

PROJECT 204B509342
CHMHE Fleet Garage Repair Project #9475.00

COMPUTED BY





APPENDIX D

Photo Log

Photo Log
CHMHI Fleet Garage Repairs Project #9475.00 ■ Cherokee, IA
Date Taken: October 21, 2025 ■ Atlas Project No. 204BS09342

Photo #1 Overview of the CHMHI Fleet Garage west side.

Photo #2 Overview of the CHMHI Fleet Garage east side.

Photo #3 Lead-based paint (white) – CHMHI Fleet Garage exterior soffit. (3.7%)

Photo #4 Lead-based paint (white) – CHMHI Fleet Garage interior door frame. (3.7%)

Photo #5 Lead-based paint (white) – CHMHI Fleet Garage interior wood door. (7.3%)

APPENDIX E

Staff Certification(s)

AARON GIRARD

DOB: 08-03-1985

Issued: 11-14-2024

This person is licensed to perform asbestos work in the State of Iowa. ID card is intended for official use only and must be present on jobsite.

License Type	Number	Expires
INSPECTOR	24-12575	10-10-2025
MANAGEMENT PLANNER	24-12576	10-10-2025
PROJECT DESIGNER	25-13144	01-07-2026

IOWA

Asbestos

Larry Johnson, Jr.
Labor Commissioner

February 23, 2024

Aaron Thomas Girard
3301 Northbrook Drive SUITE 1
Sioux City, IA 51105

Dear Aaron Thomas Girard

The department has reviewed the information you submitted and determined that you have met the requirements for certification in the state of Iowa as a Lead Inspector/Risk Assessor. Your certification number is: LEAD-INSP10198.

Your certification will expire on February 22, 2027. By that date, you must renew your certification in order to perform any lead professional certification activities. To renew your certification, you will need to have completed the appropriate refresher course. Refresher courses are valid if taken within 3-years from the date that you renew.

Please keep a copy of your certification on your person or in an easily retrievable area at the work site. If you submitted your application online or with a valid email address, the certification is being provided to you electronically. You may choose to either print these documents or have them available on your phone or other electronic device for display if requested.

You can find the certification requirements and work practice standards for all lead professionals in Iowa Administrative Code 641 - Chapter 70, which is at: http://www.idph.iowa.gov/LPP under "Resources". You **must** be currently certified to perform work that requires certification.

Bureau of Environmental Health Services
Lead Professional Certification
Phone: 800-972-2026
E-mail: Lead.Bureau@idph.iowa.gov

IOWA DEPARTMENT OF PUBLIC HEALTH

Aaron Thomas Girard

Lead Inspector/Risk Assessor

Certification Number: LEAD-INSP10198

Expiration Date: February 22, 2027

Iowa Department of Public Health

Bureau of Environmental Health Services

Lead Professional Certification

ATC GROUP SERVICES, LLC

4503 E 50TH STREET
DES MOINES, IA 50317

is certified as a lead professional firm under Iowa Administrative Code 641 - Chapter 70

Certification No: **LEAD-FIRM12417**

Issued: **September 06, 2023**

Expires: **September 05, 2026**