



**McGinley & Associates**  
A Universal Engineering Sciences Company

**Reno**  
5410 Longley Lane  
Reno, Nevada 89511  
Ph: 775.829.2245

**Las Vegas**  
4480 West Hacienda Avenue  
Suite 104  
Las Vegas, Nevada 89118  
Ph: 702.260.4961

www.mcgjin.com

- | Site Remediation
- | Soil & Groundwater Investigations
- | Geochemistry
- | Hydrogeology
- | Groundwater Modeling
- | Biological Services
- | Closure Optimization
- | Air Quality Permitting & Modeling
- | Brownfields Redevelopment
- | Permitting & Compliance
- | NEPA Studies
- | Phase I Assessments
- | Indoor Air Quality
- | Storm Water & Spill Plans
- | Underground Tank Services
- | Geographic Information Systems
- | Litigation Support & Expert Witness
- | Mining Plans of Operations
- | Mining Exploration Notices
- | Abandoned Mine Lands

# FINAL CLEARANCE REPORT

## Limited Asbestos Survey, Asbestos Abatement Oversight, and Final Clearance Inspection

### Pagoda Building South Memdawee Run Dresslerville, Nevada

**Contract: DEP22-001**  
**Task Number: MA18-22**

*Prepared for:*

*State of Nevada*  
*Department of Conservation & Natural Resources*  
*Division of Environmental Protection*  
*901 S. Stewart Street, Suite 4001*  
*Carson City, Nevada, 89701-5249*

*On Behalf of:*

*The Washoe Tribe of Nevada and California*

*June 17, 2022*

## TABLE OF CONTENTS

|    |  |   |
|----|--|---|
| 1. | INTRODUCTION.....  | 1 |
| 2. | SCOPE OF WORK .....  | 1 |
| 3. | LIMITED ASBESTOS SURVEY .....                              | 1 |
|    | 3.1 Sample Collection .....                                | 1 |
|    | 3.2 Sample Analysis.....                                   | 2 |
|    | 3.3 Sample Results .....                                   | 2 |
| 4. | ASBESTOS ABATEMENT OVERSIGHT.....                          | 2 |
|    | 4.1 Asbestos Abatement Activities .....                    | 2 |
| 5. | FINAL CLEARANCE .....                                      | 3 |
|    | 5.1 Inspection .....                                       | 3 |
|    | 5.2 Sample Collection .....                                | 3 |
|    | 5.3 Sample Analysis.....                                   | 3 |
|    | 5.4 Sample Results .....                                   | 3 |
| 6. | CONCLUSIONS.....   | 3 |
|    | 6.1 Limited Asbestos Survey.....                           | 3 |
|    | 6.2 Asbestos Abatement and Final Clearance Inspection..... | 4 |
| 7. | LIMITATIONS.....   | 4 |
| 8. | CLOSURE.....   | 5 |

## **FIGURES**

Figure 1      Project Location Map  
Figure 2      Sample Location Map

## **TABLES**

Table 1      Limited Asbestos Survey – Bulk Sample Results  
Table 2      Final Clearance Inspection – Air Sample Results

## **APPENDICES**

Appendix A    Professional Certifications  
Appendix B    Analytical Reports and Chains-of-Custody  
Appendix C    Laboratory Certifications and Accreditations

## 1. INTRODUCTION

McGinley and Associates, Inc. (McGinley) is pleased to submit this report summarizing the results of the limited asbestos survey, asbestos abatement activities, and final clearance inspection for the Pagoda Building located in Dresslerville, Nevada, and hereafter referred to as the Subject Property.

The Subject Property consists of a single unaddressed structure located on South Memdawee Run in Dresslerville, Nevada, and is associated with Douglas County Assessor's Parcel Number 1220-25-000. The approximate coordinates for the Subject Property are latitude 38°52'38.3016"N and longitude 119°41'26.6208"W. The Subject Property building location is presented in Figure 1.

Asbestos abatement was performed by 1-888-4-Abatement, a State of Nevada licensed Abatement Contractor from Sparks, Nevada. Ms. Aurelia Walsh of McGinley, a State of Nevada Asbestos Abatement Consultant (License #IM-2002), conducted the limited asbestos survey, abatement oversight, and final clearance inspection for the abated areas. Copies of professional certifications are included in Attachment A.

The activities discussed in this report were conducted on behalf of the Washoe Tribe of Nevada and California per McGinley's contract with the NDEP (DEP22-001; Cat: 54; Org: 5420; Job #: 6681717; GL: 7060; Task Number: MA18-22).

## 2. SCOPE OF WORK

The activities conducted under Task Number MA18-22 included the following:

- Performing a limited asbestos survey on the fireplace located within the Subject Property.
- Providing asbestos abatement oversight during abatement activities including periodic inspections of the asbestos abatement work areas and observations of the asbestos contractor work procedures to ensure compliance with general industry standards and applicable federal, state, and local regulations.
- Performing a final clearance inspection following asbestos abatement activities.
- Preparing this technical report.

## 3. LIMITED ASBESTOS SURVEY

A limited asbestos survey of the Subject Property's fireplace was conducted on May 24, 2022, in accordance with U.S. Environmental Protection Agency (USEPA) National Emission Standards for Hazardous Air Pollutants (NESHAP) requirements. Samples were collected from the Subject Property using EPA-recommended sampling procedures in general accordance with the procedures recommended in the Asbestos Hazard Emergency Response Act [(AHERA), 40 Code of Federal Regulations (CFR) 763, Subpart E] as referenced in the Occupational Safety and Health Administration (OSHA) asbestos in construction standard (29 CFR 1926.1101). The purpose of the survey was to determine the presence of ACM within the fireplace of the Subject Property building.

### 3.1 Sample Collection

Prior to sample collection, a preliminary visual assessment of the fireplace was conducted to identify suspect ACM. Once the visual assessment was complete, samples of suspect ACM were collected from designated homogeneous sampling areas (areas in which the materials are uniform in color, texture, construction or application date, and general appearance). Each homogeneous area was observed for material type, location, condition, and friability.

Bulk samples were collected, sealed in plastic sample bags, and assigned a unique sample identification number (BRN088-AB-001 through BRN088-AB-005). In addition, field quality control (QC) sampling for this investigation included the collection of one bulk field duplicate sample for asbestos analysis to evaluate sampling and analytical precision (BRN088-AB-DUP). A total of six bulk samples including one field duplicate sample was collected from the fireplace of the Subject Property. The asbestos bulk sample locations are presented in Figure 2. A summary of the samples collected during the survey, including the location, description, and condition of each is presented in Table 1.

### 3.2 Sample Analysis

The samples were submitted under chain-of-custody procedures to Asbestos TEM Laboratories, Inc. (TEM Lab), located in Sparks, Nevada. TEM Lab is an accredited laboratory in the National Voluntary Laboratory Accreditation Program (NVLAP) for bulk asbestos fiber analysis. The samples were analyzed using polarized light microscopy (PLM) with dispersion staining, for the presence and quantification of asbestos fibers, in accordance with EPA Method 600/R-93/116. A copy of the analytical report and chain-of-custody record is included in Appendix B. Copies of laboratory certifications and accreditations are included in Appendix C.

### 3.3 Sample Results

An ACM is defined as any material that contains greater than one percent (>1%) asbestos as determined by laboratory analysis using PLM. Based on the analytical results of bulk samples collected during this survey, all samples collected were reported to be below the laboratory detection limit for asbestos. The bulk sample results are presented in Table 1.

## 4. ASBESTOS ABATEMENT OVERSIGHT

McGinley provided abatement oversight which included 1) conducting periodic on-site inspections of the asbestos abatement work areas and 2) observing the State of Nevada asbestos contractor work procedures to ensure compliance with general industry standards and applicable federal, state, and local regulations. On-site inspections consisted of visual pre-contamination inspections, inspections during removal work, visual clearance inspections, and clearance air monitoring for the duration of the asbestos removal project.

### 4.1 Asbestos Abatement Activities

1-888-4-Abatement provided asbestos abatement services on the Pagoda Building between May 16, 2022, and May 27, 2022. Abatement activities were carried out as response actions corresponding to Asbestos-Containing Materials (ACM) identified in the “Hazardous Building Materials Survey Report, Targeted Brownfields assessment (TBA) Report, Washoe Tribe – Pagoda Building and Campground Site, Dresslerville, Nevada, TBA” report completed by Toeroek Associates, Inc. and Tetra Tech, Inc., dated March 22, 2021. Abatement activities associated with this project included the removal and disposal of the following materials:

- **Trash/Debris Removal** – Removal and disposal of miscellaneous asbestos contaminated trash and debris throughout the building, including the removal of the furnace, water heater, and other fixtures, as needed in order to perform asbestos abatement.
- **Drywall** – Removal and disposal of approximately 3,250 ft<sup>2</sup> of friable asbestos containing drywall, exposed insulation, and shower tile throughout the building.
- **Vinyl Floor Tile** – Removal and disposal of approximately 2,580 ft<sup>2</sup> of non-friable asbestos containing vinyl floor tile throughout the building.

The asbestos abatement was completed using a contiguous three-chamber decontamination facility with sufficient negative air exhaust (full containment).

## **5. FINAL CLEARANCE**

### **5.1 Inspection**

A State of Nevada certified asbestos consultant is required to conduct a final clearance inspection following asbestos abatement activities performed by a licensed State of Nevada Asbestos Contractor. The final clearance inspection for the Subject Property included a final visual inspection and clearance air sampling. All abated areas were visually inspected by McGinley to determine if the abatement was conducted in accordance with industry standards. The visual inspections were conducted in a manner consistent with the recommendations specified in the American Society for Testing and Materials (ASTM) E1368-14 standard and applicable federal, state, and local regulations. Each containment area where ACM was removed, was assessed for signs of visible ACM debris.

No readily identifiable visual signs of asbestos debris were found within the inspected areas during the final visual inspection.

### **5.2 Sample Collection**

Final clearance air samples were collected upon completion of the abatement activities and final visual inspection on May 27, 2022. The final clearance air sampling was performed as defined in Nevada Administrative Code (NAC) 618.956. A total of six air stations were set up within the containment area. Each air station was set up at heights of approximately five feet above the ground surface. Flow rates of 10-liters of air per minute were achieved utilizing high flow air pumps. The air samples were collected on 25-millimeter mixed cellulose ester filter membranes as specified in 29 CFR 1926.1101 Appendix A. The clearance air sample locations are presented in Figure 2.

### **5.3 Sample Analysis**

The samples were delivered under chain-of-custody procedures to SG-Forensic Laboratories in Las Vegas, Nevada, to be analyzed for airborne asbestos fibers by the NIOSH 7400 Method. Copies of laboratory analytical reports and chains-of-custody documentation are included as Appendix B. Copies of laboratory certifications and accreditations are included in Appendix C.

### **5.4 Sample Results**

Based on analytical results, all asbestos air samples were found to be below 0.010 fibers per cubic centimeter of air (f/cc). Subsequent to obtaining air sampling results below the regulatory level of 0.01 f/cc, the building was released for re-occupancy. A summary of air sample locations and laboratory results is provided in Table 2.

## **6. CONCLUSIONS**

### **6.1 Limited Asbestos Survey**

Based on the limited asbestos survey results, asbestos was not identified in the samples collected, therefore abatement of the firebrick insulation was not necessary for the Subject Property and was removed from the scope of the above referenced asbestos abatement activities.

There is a possibility that additional suspect asbestos containing building materials may be encountered during renovation/demolition activities. Should any suspect materials not sampled or assessed in this report be uncovered at any time, the following steps should be taken:

- Samples of the suspect material should be collected and any activities which may affect the materials or expose workers to the damaged materials should cease until the laboratory analysis is performed.

## 6.2 Asbestos Abatement and Final Clearance Inspection

The results of the final clearance air testing, completed May 27, 2022, indicated that total airborne fiber concentrations were below the regulatory level of 0.01 f/cc for all samples collected within the containment area. Based on these results and our observations, the abatement of asbestos-containing materials was successfully completed at the Subject Property in accordance with applicable guidelines and regulations.

## 7. LIMITATIONS

The conclusions presented herein are partially based on information provided by McGinley. McGinley makes no warranties or guarantees as to the accuracy or completeness of information provided or compiled by others. The results reported herein are applicable to the time the sampling occurred. In addition, not all building materials were accessible at the time of the assessment. Therefore, inaccessible areas may have unidentified asbestos containing building materials present that will require future assessment and/or abatement not characterized in this report.

It should be recognized that definition and evaluation of environmental conditions is a difficult and inexact science. Judgments and opinions leading to conclusions and recommendations are generally made with an incomplete knowledge of the conditions present. More extensive studies, including additional environmental investigations, can tend to reduce the inherent uncertainties associated with such studies. Additional information not found or available to McGinley at the time of writing this report may result in a modification to the conclusions and recommendations contained herein.

The presentation of data presented herein is intended for the purpose of the visualization of environmental conditions. A greater degree of spatial and temporal data density may result in a more accurate representation of environmental conditions. Although such data visualization techniques may aid in providing a conceptual understanding of environmental conditions, such presentations are not intended to completely depict environmental conditions.

This report is not a legal opinion. The services performed by McGinley have been conducted in a manner consistent with the level of care ordinarily exercised by members of our profession currently practicing under similar conditions. No other warranty, expressed or implied, is made.

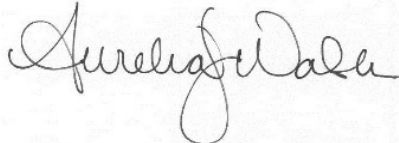
The use of the word "certify" in this document constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification and does not constitute a warranty or guarantee, either expressed or implied.

## 8. CLOSURE

We appreciate the opportunity to provide these services to the Pagoda Building located in Dresslerville, NV. Should you have any questions regarding the contents of this report, or need additional information, please contact us at your convenience.

**Respectfully submitted,**

McGinley and Associates, Inc.

A handwritten signature in black ink, appearing to read "Aurelia J. Walsh". The signature is written in a cursive style and is positioned above a faint, light-colored rectangular stamp or watermark.

Aurelia J. Walsh  
Environmental Project Manager  
Nevada Asbestos License IM-2002

**Reviewed by:**

A handwritten signature in blue ink, appearing to read "Brett C. Bottenberg". The signature is written in a cursive style and is positioned above the printed name and title.

Brett C. Bottenberg, P.E., C.E.M. #1690, Exp. 10/7/23  
Senior Project Manager





Google Earth



Site Map  
Pagoda Building  
620 Deer Run Rd  
Gardnerville, Nevada 89410

Project No. 4040.2200020.0066



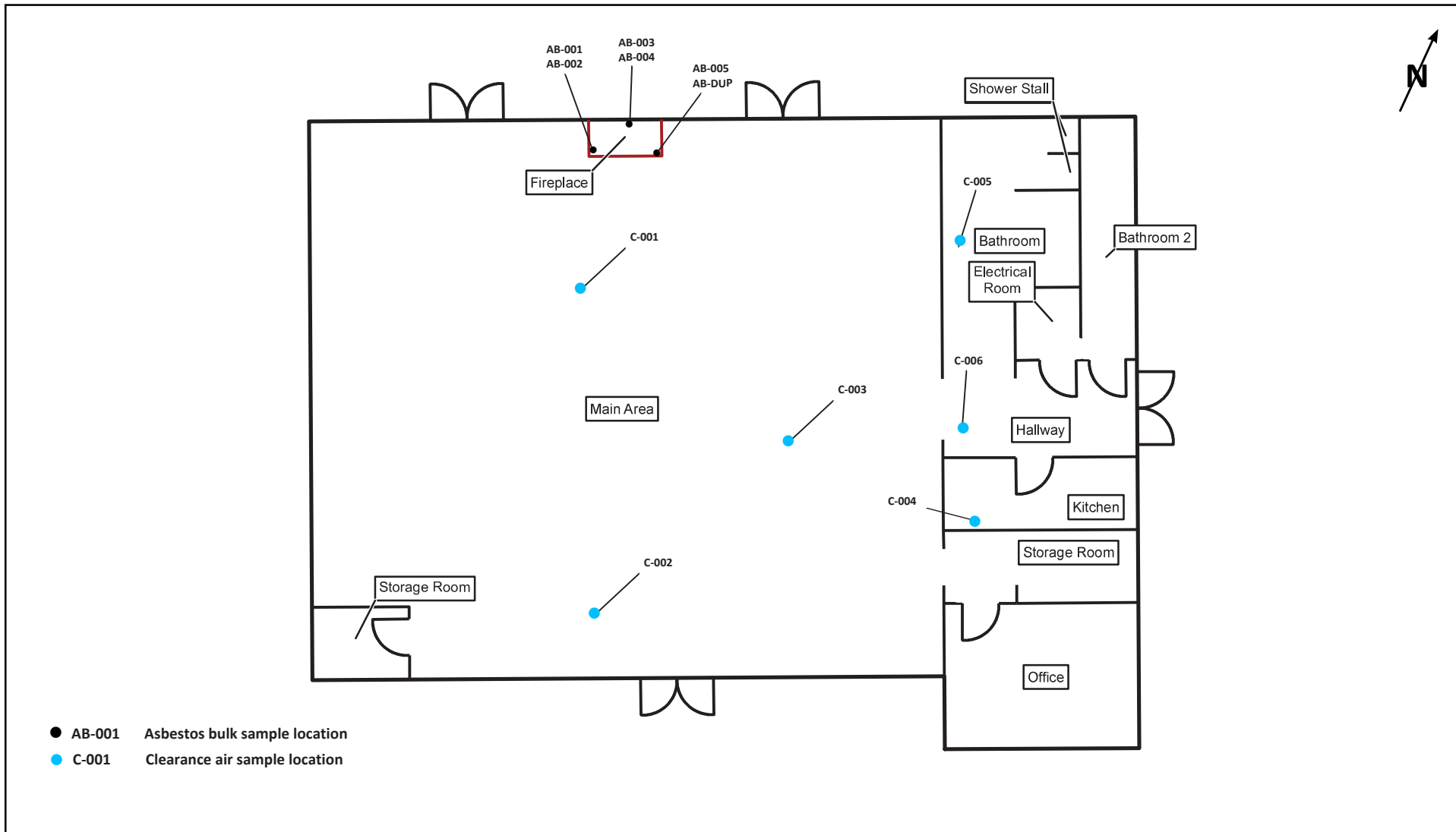
**McGinley & Associates**  
A Universal Engineering Sciences Company

**McGinley & Associates**

A Universal Engineering Sciences Company

4480 West Hacienda Avenue Suite 104, Las Vegas, Nevada 89119

Office: (702) 873-3478, Fax: (702) 873-2199



Sample Location Map  
 Pagoda Building  
 Memdawee Run  
 Dresslerville, Nevada 89703

Project No. BRN088



## McGinley & Associates

A Universal Engineering Sciences Company

4480 West Hacienda Avenue Suite 104, Las Vegas, Nevada 89119

Office: (702) 873-3478, Fax: (702) 873-2199

# **TABLE 1**

---

## **Limited Asbestos Survey – Bulk Sample Results**

**Table 1: Limited Asbestos Survey – Bulk Sample Results**

| Sample ID     | Building        | Sample Location | Sample Description               | Condition | Friable (Y/N) | Sample Layer | Laboratory Description | Asbestos (PLM) |
|---------------|-----------------|-----------------|----------------------------------|-----------|---------------|--------------|------------------------|----------------|
| BRN088-AB-001 | Pagoda Building | Fireplace       | Firebrick Insulation             | Good      | No            | 1            | Firebrick-Gray/Black   | ND             |
| BRN088-AB-002 | Pagoda Building | Fireplace       | Firebrick Insulation             | Good      | No            | 1            | Firebrick-Gray/Black   | ND             |
| BRN088-AB-003 | Pagoda Building | Fireplace       | Firebrick Insulation             | Good      | No            | 1            | Firebrick-Gray/Black   | ND             |
| BRN088-AB-004 | Pagoda Building | Fireplace       | Firebrick Insulation             | Good      | No            | 1            | Firebrick-Gray/Black   | ND             |
|               |                 |                 |                                  |           |               | 2            | Firebrick-Red/Black    | ND             |
| BRN088-AB-005 | Pagoda Building | Fireplace       | Firebrick Insulation             | Good      | No            | 1            | Firebrick-Red/Black    | ND             |
| BRN088-AB-DUP | Pagoda Building | Fireplace       | Firebrick Insulation (Duplicate) | Good      | No            | 1            | Firebrick-Gray/Black   | ND             |
|               |                 |                 |                                  |           |               | 2            | Firebrick-Red/Black    | ND             |

## **TABLE 2**

### **Final Clearance Inspection – Air Sample Results**

---

Table 2: Final Clearance Inspection – Air Sample Results

| Sample ID    | Date Collected | Sample Location   | Volume (L) | Fibers | Asbestos Fibers/cc |
|--------------|----------------|-------------------|------------|--------|--------------------|
| BRN088-C-001 | 5/27/2022      | Main Area - North | 1,200      | 1.5    | < 0.002            |
| BRN088-C-002 | 5/27/2022      | Main Area - South | 1,200      | 2.0    | < 0.002            |
| BRN088-C-003 | 5/27/2022      | Main Area - East  | 1,200      | 9.5    | 0.004              |
| BRN088-C-004 | 5/27/2022      | Kitchen           | 1,200      | 3.5    | < 0.002            |
| BRN088-C-005 | 5/27/2022      | Bathroom          | 1,200      | 1.5    | < 0.002            |
| BRN088-C-006 | 5/27/2022      | Hallway           | 1,200      | 3.0    | < 0.002            |
| BRN088-C-007 | 5/27/2022      | Field Blank       | 0          | 0.5    | N/A                |
| BRN088-C-008 | 5/27/2022      | Lab Blank         | 0          | 0.0    | N/A                |

# **APPENDIX A**

## **Professional Certifications**

---

**STATE OF NEVADA**  
**DEPARTMENT OF BUSINESS AND INDUSTRY**  
**DIVISION OF INDUSTRIAL RELATIONS**  
Occupational Safety and Health Administration  
Asbestos Control Program

CC Certifies That Aurelia Walsh

is Licensed As Asbestos Abatement Consultant

License No. IM-2002

Expiration Date 06/08/2023

Signature Of Licensee

*Aurelia Walsh*



---

---

# THE ASBESTOS INSTITUTE

*Certifies that*

## **Aurelia Walsh**

has attended and received instruction in the EPA approved course

### **AHERA Building Inspector Refresher**

on

**June 08, 2022**

and successfully completed and passed the competency exam.

Certificate:  
ON-4644-3322-060822

Date of Examination:  
8-Jun-2022

Date of Expiration:  
08-Jun-2023



William T. Cavness  
Director



Approved Instructor

**THE ASBESTOS INSTITUTE**

20033 N. 19<sup>th</sup> Ave, Building 6, Phoenix, AZ 85027

602-864-6564 – [www.theasbestosinstitute.com](http://www.theasbestosinstitute.com)

*This training meets all requirements for asbestos certification under Toxic Substance Control Act Title II.*

---

---

# THE ASBESTOS INSTITUTE

*Certifies that*

## Aurelia Walsh

has attended and received instruction in the EPA approved course

### AHERA Contractor/Supervisor Refresher

on

### June 09, 2022

and successfully completed and passed the competency exam.

Certificate:  
ON-4649-3322-060922

Date of Examination:  
9-Jun-2022

Date of Expiration:  
09-Jun-2023



William T. Cavness  
Director



Approved Instructor

**THE ASBESTOS INSTITUTE**

20033 N. 19<sup>th</sup> Ave, Building 6, Phoenix, AZ 85027

602-864-6564 – [www.theasbestosinstitute.com](http://www.theasbestosinstitute.com)

*This training meets all requirements for asbestos certification under Toxic Substance Control Act Title II.*

# **APPENDIX B**

## **Analytical Reports and Chains-of-Custody**

---



# Airborne Fiber Analysis

NIOSH 7400 Method, Issue 3, 14 June 2019, counting rules 'A'

McGinley and Associates  
Aurelia Walsh  
5410 Longley Lane  
  
Reno, NV 89511

**Client ID:** L1705  
**Report Number:** A297912  
**Date Received:** 05/31/22  
**Date Analyzed:** 05/31/22  
**Date Printed:** 05/31/22  
**First Reported:** 05/31/22

**Job ID/Site:** BRN088, Pagoda Building, Dresslerville, NV

**SGSFL Job ID:** L1705  
**Total Samples Submitted:** 8  
**Total Samples Analyzed:** 8

| Sample ID                 | Lab Number      | Date Collected | Volume (L) | Fibers | Fields | Fibers/mm <sup>2</sup> | LOD F/cc | Fibers/cc      |
|---------------------------|-----------------|----------------|------------|--------|--------|------------------------|----------|----------------|
| <b>BRN088-C-001</b>       | <b>01300760</b> | 05/27/22       | 1200.0     | 1.5    | 100    | <7.0                   | 0.002    | < <b>0.002</b> |
| Location: Main Area-North |                 |                |            |        |        |                        |          |                |
| <b>BRN088-C-002</b>       | <b>01300761</b> | 05/27/22       | 1200.0     | 2.0    | 100    | <7.0                   | 0.002    | < <b>0.002</b> |
| Location: Main Area-South |                 |                |            |        |        |                        |          |                |
| <b>BRN088-C-003</b>       | <b>01300762</b> | 05/27/22       | 1200.0     | 9.5    | 100    | 12.1                   | 0.002    | <b>0.004</b>   |
| Location: Main Area-East  |                 |                |            |        |        |                        |          |                |
| <b>BRN088-C-004</b>       | <b>01300763</b> | 05/27/22       | 1200.0     | 3.5    | 100    | <7.0                   | 0.002    | < <b>0.002</b> |
| Location: Kitchen         |                 |                |            |        |        |                        |          |                |
| <b>BRN088-C-005</b>       | <b>01300764</b> | 05/27/22       | 1200.0     | 1.5    | 100    | <7.0                   | 0.002    | < <b>0.002</b> |
| Location: Bathroom        |                 |                |            |        |        |                        |          |                |
| <b>BRN088-C-006</b>       | <b>01300765</b> | 05/27/22       | 1200.0     | 3.0    | 100    | <7.0                   | 0.002    | < <b>0.002</b> |
| Location: Hallway         |                 |                |            |        |        |                        |          |                |
| <b>BRN088-FB-007</b>      | <b>01300766</b> | 05/27/22       | 0.0        | 0.5    | 100    | --                     | --       | --             |

Comments: This result was used to blank correct the other samples on this rpt. Blank filters are reported only as # of fibers & fields counted.

**BRN088-LB-008**      **01300767**      05/27/22      0.0      0.0      100      --      --      --

Comments: This result was used to blank correct the other samples on this rpt. Blank filters are reported only as # of fibers & fields counted.

# Airborne Fiber Analysis

NIOSH 7400 Method, Issue 3, 14 June 2019, counting rules 'A'

McGinley and Associates  
Aurelia Walsh  
5410 Longley Lane  
  
Reno, NV 89511

**Client ID:** L1705  
**Report Number:** A297912  
**Date Received:** 05/31/22  
**Date Analyzed:** 05/31/22  
**Date Printed:** 05/31/22  
**First Reported:** 05/31/22

**Job ID/Site:** BRN088, Pagoda Building, Dresslerville, NV

**SGSFL Job ID:** L1705  
**Total Samples Submitted:** 8  
**Total Samples Analyzed:** 8

| Sample ID | Lab Number | Date Collected | Volume (L) | Fibers | Fields | Fibers/mm <sup>2</sup> | LOD F/cc | Fibers/cc |
|-----------|------------|----------------|------------|--------|--------|------------------------|----------|-----------|
|-----------|------------|----------------|------------|--------|--------|------------------------|----------|-----------|



Vincent To, Laboratory Supervisor, Las Vegas Laboratory

Intralaboratory Relative Standard Deviation (Sr) per 100 graticule fields: 5 to 20 fibers: 0.21; >20 to 50 fibers: 0.25; >50 fibers: 0.23

Analytical results and reports are generated by SGS Forensic Laboratories (SGSFL) at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by SGSFL to any third party without prior written request from client. This report applies only to the sample(s) tested and results are based upon sample information provided by the client. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by SGSFL. The client is solely responsible for the use and interpretation of test results and reports requested from SGSFL. This report must not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government. SGSFL is not able to assess the degree of hazard resulting from materials analyzed. SGS Forensic Laboratories reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. Samples are not blank corrected unless otherwise noted. All samples were received in acceptable condition unless otherwise noted.

Note\* Sampling data used in this report was provided by the client as noted on the associated chain of custody form.



Client Name & Address: **McGinley & Associates**  
 1915 N. Green Valley Pkwy.  
 Henderson, NV 89074

Client No.: \_\_\_\_\_ PO / Job#: **BRN088** Date: **5/27/22**

Turn Around Time:  Same Day /  1Day /  2Day /  3Day /  4Day /  5Day

PCM:  NIOSH 7400A /  NIOSH 7400B  Rotometer

PLM:  Standard /  Point Count **400** - **1000** /  CARB 435

Contact: **Aurelia Walsh** Phone: **702 278 0933**

E-mail: **awalsh@mcgin.com**

Site Name: **Pagoda Building**

Site Location: **Dresslerville, NV**

TEM Air:  AHERA /  Yamate2 /  NIOSH 7402  
 TEM Bulk:  Quantitative /  Qualitative /  Chatfield  
 TEM Water:  Potable /  Non-Potable /  Weight %  
 TEM Dust:  D5755 (microvac) /  D6480 (wipe)

IAQ Particle Identification (PLM LAB)  PLM Opaques/Soot  
 Particle Identification (TEM LAB)  Special Project

Metals Analysis Matrix: \_\_\_\_\_ Method: \_\_\_\_\_  
 Analytes: \_\_\_\_\_

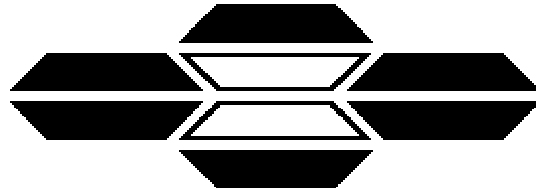
Comments: \_\_\_\_\_  Silica in Air  w/Gravimetry  
 Quartz Only

| Sample ID     | Date / Time | Sample Location / Description | FOR AIR SAMPLES ONLY                          |                    |         |            | Sample Area / Air Volume |             |   |   |   |
|---------------|-------------|-------------------------------|---|--------------------|---------|------------|--------------------------|-------------|---|---|---|
|               |             |                               | Type  | Time On/Off        | Avg LPM | Total Time |                          |             |   |   |   |
| BRN088-C-001  | 5/27/22     | Main Area - North             | A<br>P<br><input checked="" type="checkbox"/> | 4:48 pm<br>6:48 pm | 10      | 120 min.   | 1200                     |             |   |   |   |
| BRN088-C-002  | ↓           | Main Area - South             | A<br>P<br><input checked="" type="checkbox"/> | ↓                  | ↓       | ↓          | ↓                        |             |   |   |   |
| BRN088-C-003  |             | Main Area - East              | A<br>P<br><input checked="" type="checkbox"/> |                    |         |            |                          |             |   |   |   |
| BRN088-C-004  |             | Kitchen                       | A<br>P<br><input checked="" type="checkbox"/> |                    |         |            |                          |             |   |   |   |
| BRN088-C-005  |             | Bathroom                      | A<br>P<br><input checked="" type="checkbox"/> |                    |         |            |                          |             |   |   |   |
| BRN088-C-006  |             | Hallway                       | A<br>P<br><input checked="" type="checkbox"/> |                    |         |            |                          |             |   |   |   |
| BRN088-FB-007 |             | Field Blank                   | A<br>P<br><input checked="" type="checkbox"/> |                    |         |            |                          | 4:48 pm     | / | / | / |
| BRN088-LB-008 |             | Lab Blank                     | A<br>P<br><input checked="" type="checkbox"/> |                    |         |            |                          | /           | / | / | / |
|               |             |                               |   |                    |         |            |                          | A<br>P<br>C |   |   |   |
|               |             |                               | A<br>P<br>C                                   |                    |         |            |                          |             |   |   |   |

Sampled By: **A. Walsh** Date/Time: **5/27/22** Shipped Via:  Fed Ex  UPS  US Mail  Courier  Drop Off  Other:

Relinquished By: **Aurelia Walsh** Relinquished By: \_\_\_\_\_ Relinquished By: \_\_\_\_\_  
 Date / Time: **5/30/22 5:00 pm** Date / Time: \_\_\_\_\_ Date / Time: \_\_\_\_\_

Received By: **C. Williams** Received By: \_\_\_\_\_ Received By: \_\_\_\_\_  
 Date / Time: **5/31/22 8:44 am** Date / Time: \_\_\_\_\_ Date / Time: \_\_\_\_\_  
 Condition Acceptable?  Yes  No Condition Acceptable?  Yes  No Condition Acceptable?  Yes  No



**ASBESTOS TEM LABORATORIES, INC.**

**EPA Method 600/R-93/116  
Polarized Light Microscopy  
Analytical Report**

**Report No. 147894**

1350 Freeport Blvd., Unit 104  
Sparks, NV 89431  
(775) 359-3377  
FAX (775) 359-2798

*Main Office Located At:*  
3431 Ettie Street Oakland, CA 94608  
Ph. (510) 704-8930 Fax (510) 704-8929

---



ASBESTOS TEM LABORATORIES, INC



NVLAP Lab Code 200104-0

May-25-22

Aurelia Walsh  
McGinley & Associates  
5410 Longley Lane  
Reno, NV 89511

RE: LABORATORY JOB No  
Polarized light microscopy analytical results for 6 bulk sample(s) with 2 sample split(s)  
Job Site: Pagoda Building  
Job No.:  
Report No.: 147894

Enclosed please find the bulk material analytical results for one or more samples submitted for asbestos analysis. The analyses were performed in accordance with EPA Method 600/R-93/116 or 600/M4-82-020 for the determination of asbestos in bulk building materials by polarized light microscopy (PLM). Please note that while PLM analysis is commonly performed on non-friable and fine grained materials such as floor tiles and dust, the EPA method recognizes that PLM is subject to limitations. In these situations, accurate results may only be obtainable through the use of more sophisticated and accurate techniques such as transmission electron microscopy (TEM) or X-ray diffraction (XRD).

Prior to analysis, samples are logged-in and all data pertinent to the sample recorded. The samples are checked for damage or disruption of any chain-of-custody seals. A unique laboratory ID number is assigned to each sample. A hard copy log-in sheet containing all pertinent information concerning the sample is generated. This and all other relevant paper work are kept with the sample throughout the analytical procedures to assure proper analysis.

Each sample is opened in a class 100 HEPA negative air hood. A representative sampling of the material is selected and placed onto a glass microscope slide containing a drop of refractive index oil. The glass slide is placed under a polarizing light microscope where standard mineralogical techniques are used to analyze and quantify the various materials present, including asbestos. The data is then compiled into standard report format and subjected to a thorough quality assurance check before the information is released to the client.

Please note all samples will be held for 3 months from the date of receipt unless otherwise requested by client.

Sincerely Yours,

Laboratory Analyst  
ASBESTOS TEM LABORATORIES, INC.

--- These results relate only to the samples tested and must not be reproduced, except in full, with the approval of the laboratory. This report must not be used to claim product endorsement by NVLAP, NIST, or any other agency of the U.S. Government. ---





NVLAP Lab Code 200104-0

# POLARIZED LIGHT MICROSCOPY ANALYTICAL REPORT

EPA Method 600/R-93/116 or 600/M4-82-020

Page: 1 of 1

|                                |                                |                           |
|--------------------------------|--------------------------------|---------------------------|
| Contact: Aurelia Walsh         | Samples Indicated: 6           | Report No. <b>147894</b>  |
| Address: McGinley & Associates | Reg. Samples Analyzed: 6       | Date Submitted: May-24-22 |
| 5410 Longley Lane              | Split Layers Analyzed: 2       | Date Reported: May-25-22  |
| Reno, NV 89511                 | Job Site / No. Pagoda Building |                           |

| SAMPLE ID   | ASBESTOS<br>%<br>TYPE | OTHER DATA<br>1) Non-Asbestos Fibers<br>2) Matrix Materials<br>3) Date/Time Collected<br>4) Date Analyzed | DESCRIPTION                                |
|---|-----------------------|---|--|
|   |                       |   | FIELD<br>LAB                               |
| BRN088-001<br>Lab ID # 9029-00062-001             | None Detected         | 1) None Detected<br>2) 99-100% Clay, Qtz, Other m.p.  | Firebrick Insulation; Fireplace            |
|   |                       | 3) _____ 4) May-25-22   | Firebrick-Grey/Black                       |
| BRN088-002<br>Lab ID # 9029-00062-002             | None Detected         | 1) None Detected<br>2) 99-100% Clay, Qtz, Other m.p.<br><i>Fib. Op. Prop. Same as in</i>                  | Firebrick Insulation; Fireplace            |
|   |                       | 3) _____ 4) May-25-22   | Firebrick-Grey/Black                       |
| BRN088-003<br>Lab ID # 9029-00062-003             | None Detected         | 1) None Detected<br>2) 99-100% Clay, Qtz, Other m.p.<br><i>Fib. Op. Prop. Same as in</i>                  | Firebrick Insulation; Fireplace            |
|   |                       | 3) _____ 4) May-25-22   | Firebrick-Grey/Black                       |
| BRN088-004<br>Split A<br>Lab ID # 9029-00062-004A | None Detected         | 1) None Detected<br>2) 99-100% Clay, Qtz, Other m.p.  | Firebrick Insulation; Fireplace            |
|   |                       | 3) _____ 4) May-25-22   | Firebrick-Grey/Black                       |
| BRN088-004<br>Split B<br>Lab ID # 9029-00062-004B | None Detected         | 1) None Detected<br>2) 99-100% Clay, Qtz, Other m.p.  | Firebrick Insulation; Fireplace            |
|   |                       | 3) _____ 4) May-25-22   | Firebrick-Red/Black                        |
| BRN088-005<br>Lab ID # 9029-00062-005             | None Detected         | 1) None Detected<br>2) 99-100% Clay, Qtz, Other m.p.<br><i>Fib. Op. Prop. Same as in</i>                  | Firebrick Insulation; Fireplace            |
|   |                       | 3) _____ 4) May-25-22   | Firebrick-Red/Black                        |
| BRN088-DUP<br>Split A<br>Lab ID # 9029-00062-006A | None Detected         | 1) None Detected<br>2) 99-100% Clay, Qtz, Other m.p.<br><i>Fib. Op. Prop. Same as in</i>                  | Firebrick Insulation; Fireplace; Duplicate |
|   |                       | 3) _____ 4) May-25-22   | Firebrick-Grey/Black                       |
| BRN088-DUP<br>Split B<br>Lab ID # 9029-00062-006B | None Detected         | 1) None Detected<br>2) 99-100% Clay, Qtz, Other m.p.<br><i>Fib. Op. Prop. Same as in</i>                  |  |
|   |                       | 3) _____ 4) May-25-22   | Firebrick-Red/Black                        |
| Lab ID #  |                       | 1) _____  |  |
|   |                       | 2) _____  |  |
| Lab ID #  |                       | 3) _____ 4) _____   |  |
|   |                       | _____   |  |

Limit of quantitation of method is estimated to be 1% asbestos using a visual area estimation technique. Split samples are inhomogeneous.

Laboratory Analyst   
Greg Hanes



# ASBESTOS TEM LABORATORIES, INC

1350 Freeport Blvd., Unit #104 \* Sparks, NV 89431 \* Ph: (775) 359-3377 \* Fax: (775) 359-2798  
Home office at: 3431 Ettie Street \* Oakland, CA 94608 \* Ph: (510) 704-8930 \* Fax: (510) 704-8429

## \*\*\* BULK SAMPLE SUBMISSION FORM / CHAIN-OF-CUSTODY \*\*\*

Company: McGinley & Associates    2 hr  4 hr  8 hr  24 hr  2 Day  3 Day   
Address: 5410 Longley Ln.    Job Site: Pagoda Building  
City-State-Zip: Reno NV ~~89401~~ 89    Job No: \_\_\_\_\_ P.O. #: \_\_\_\_\_  
Contact Person: Aurelia Walsh    Phone: 702 278 0933 Fax: \_\_\_\_\_  
Email: awalsh@mcgin.com

| Sample Number | Sample Description   | Sample Location |
|---------------|----------------------|-----------------|
| BRN088-001    | Firebrick Insulation | Fire place      |
| BRN088-002    | ↓                    | ↓               |
| BRN088-003    | ↓                    | ↓               |
| BRN088-004    | ↓                    | ↓               |
| BRN088-005    | ↓                    | ↓               |
| BNN088-DUP    | ↓   ↓   Dup.         |                 |
|               |                      |                 |
|               |                      |                 |
|               |                      |                 |
|               |                      |                 |
|               |                      |                 |
|               |                      |                 |
|               |                      |                 |
|               |                      |                 |
|               |                      |                 |
|               |                      |                 |
|               |                      |                 |
|               |                      |                 |

Special instructions: \_\_\_\_\_

| Relinquished by |                               | Date / Time    | Received by  |                    | Date / Time     |
|-----------------|-------------------------------|----------------|--------------|--------------------|-----------------|
| Name/Company    | <u>Aurelia Walsh/McGinley</u> | <u>5/24/22</u> | Name/Company | <u>ATEM / LP</u>   | <u>05/24/22</u> |
| Signature       | <u>[Signature]</u>            | <u>2:42</u>    | Signature    | <u>[Signature]</u> | <u>2:42pm</u>   |
| Name/Company    |                               |                | Name/Company |                    |                 |
| Signature       |                               |                | Signature    |                    |                 |

# **APPENDIX C**

## **Laboratory Certifications and Accreditations**

---

United States Department of Commerce  
National Institute of Standards and Technology



---

**Certificate of Accreditation to ISO/IEC 17025:2017**

---

NVLAP LAB CODE: 101891-0

**Asbestos TEM Laboratories, Inc.**  
Oakland, CA

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,  
listed on the Scope of Accreditation, for:*

**Asbestos Fiber Analysis**

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.  
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality  
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

---

2021-07-01 through 2022-06-30

*Effective Dates*



A handwritten signature in blue ink, appearing to read "Dana S. Gorman".

---

*For the National Voluntary Laboratory Accreditation Program*

United States Department of Commerce  
National Institute of Standards and Technology



---

## Certificate of Accreditation to ISO/IEC 17025:2017

---

NVLAP LAB CODE: 200908-0

**SGS Forensic Laboratories**  
Las Vegas, NV

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,  
listed on the Scope of Accreditation, for:*

**Asbestos Fiber Analysis**

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.  
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality  
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

---

2022-04-01 through 2023-03-31

*Effective Dates*



---

*Dana S. Gorman*  
For the National Voluntary Laboratory Accreditation Program

**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017**

**SGS Forensic Laboratories**

6765 S. Eastern Avenue, Suite 3

Las Vegas, NV 89119-3945

Mr. Steven Takahashi

Phone: 310-294-4365 Fax: 310-764-1136

Email: [steven.takahashi@sgs.com](mailto:steven.takahashi@sgs.com)

<http://www.falaboratories.com>

**ASBESTOS FIBER ANALYSIS**

**NVLAP LAB CODE 200908-0**

**Bulk Asbestos Analysis**

**Code**

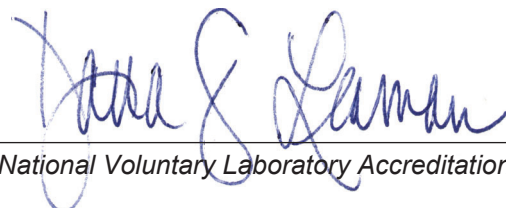
**Description**

18/A01

EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples

18/A03

EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials



*For the National Voluntary Laboratory Accreditation Program*