10 DEL AMO DRIVE
LAS VEGAS, NEVADA

REGULATED MATERIAL SURVEY REPORT

INSPECTION AND SURVEY FOR PRESENCE OF ASBESTOS, LEAD-BASED PAINTS, AND REGULATED MATERIALS
SEPTEMBER 2021

NDOT Hazardous Materials Section, Environmental Division
1263 South Stewart Drive
Carson City, NV 89712

EXECUTIVE SUMMARY

The inspection for hazardous materials was conducted at 10 Del Amo Drive, Las Vegas, Clark County, Nevada on September 27, 2021, by Nevada Department of Transportation (NDOT) personnel from the Hazardous Materials section, of the Environmental Division. The structure(s) was/were evaluated for the presence of asbestos containing materials (ACM), lead-based paint (LBP) coatings, and materials that would require special handling and or disposal considerations in accordance with applicable federal, state, and local regulations.

Suspected ACMs identified and sampled as part of this survey include the following:

- Non-Surfaced Drywall, garage
- Drywall, residence
- Surfacing (skim coat)
- Surface Texturing (orange peel over skim coat)
- Roofing Felt
- Roof Flashing Sealant
- Composite Roofing Shingles
- Stucco exterior, residence
- Stucco exterior, garage
- Stucco felt backing, main residence
- Stucco felt backing, garage
- Spray-on Acoustical Ceiling Material
- 12” x 12” Vinyl Floor Tile, red brick patterned
- 12” x 12” Vinyl Floor Tile, cream patterned
- 12” x 12” Vinyl Floor Tile, cream rock patterned
- Brown floor tile
- Vinyl Floor Tile Mastics
- Firebrick

A total of 31 bulk samples were collected from the above homogenous use suspect building materials. Unless otherwise noted, samples were analyzed using Phase Light Microscopy.

The following materials were found to contain asbestos in quantities of greater than one percent (>1%) and considered ACMs.

- Surface Texturing (skim coat)
- Spray-on Acoustical Ceiling Material
- Roof Flashing Sealant
- 12” x 12” Vinyl Floor Tile, cream rock patterned
- 12” x 12” Vinyl Floor Tile, cream rock patterned black mastic

The following materials were found to contain asbestos but in quantities less than one percent (<1%) and not considered to be ACMs.

- Stucco exterior, main residence
- Stucco exterior, garage

Destabilized paint coatings were sampled and analyzed for lead. Samples were collected at two areas determined to be friable, an 8 square feet area of white coating material in the garage and the exterior tan fascia trim, 132 square feet. The samples contained lead at 85 and 59 parts per

million, respectively and not considered a LBP. Consequently, no stabilization or removal of paint coatings is required prior to demolition activities.

Additional regulated materials that were identified and will require removal and appropriate disposal/recycling prior to demolition activities are as follows:

- 2 Fluorescent Lamps
- 1 Fluorescent Lamp Ballast
- 1 HID Bulb
- 1 HID Ballast
- 1 Smoke Detector
- 1 CRT Television
- Various Automotive-Related Fluids (e.g., oils, antifreeze), ≤ gallon sized containers

1.0 INTRODUCTION

On September 27, the Nevada Department of Transportation (NDOT) conducted a visual and sampling survey (survey) at the structure(s) located at 10 Del Amo Drive located in Las Vegas, Clark County, Nevada (the Property). The demolition survey is necessary to identify the presence of suspect asbestos containing materials (ACMs), lead-based paint (LBP) coatings, and regulated materials that would require special handling and/or disposal in accordance with applicable federal, state, and local regulations.

Bulk asbestos samples were analyzed by a National Voluntary Laboratory Accredited laboratory by polarized light microscopy (PLM). Lead analysis, was conducted by a Nevada Certified Lab. The results of the respective laboratory analysis are attached as Appendix B and Appendix C.

2.0 PROPERTY DESCRIPTION

The Property was constructed in 1970 and consists of 1,104 square foot slab-on-grade, framed stucco primary residential building and 475 square foot attached garage. The 3 bedroom and 2 bathrooms building, and garage are roofed in composition shingles.

3.0 REGULATORY OVERVIEW

3.1 Asbestos Regulations

National Emission Standard for Hazardous Air Pollutants (NESHAP), 40 CFR Part 61 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 either friable, Category I non-friable, or Category II non- friable ACM. Category I non-friable ACM includes packings, gaskets, resilient floor coverings and asphalt roofing products containing more than one percent asbestos. Category II non-friable ACM are any materials other than Category I materials that contain more than one percent asbestos.

Friable ACM, Category I and Category II non-friable ACM which are in poor condition and have become friable or which will be subjected to drilling, sanding, grinding, cutting, or abrading and which could be crushed or pulverized during demolition activities are considered Regulated ACM (RACM).

3.2 Lead Based Paint Regulations

Lead-based paint is defined as a surface coating or paint containing lead more than 0.5% (5000 mg/Kg) by weight, the Environmental Protection Agency (EPA) Toxic Substance Control Act, Section 401. Additionally, worker exposure to lead containing materials, regardless of LBP determinations, that maybe disturbed during construction activities, is regulated by the Occupation Safety and Health Administration (OSHA), 29CFR 1926.62(a), and may require worker protection during causative activities.

4.0 ASBESTOS FIELD ACTIVITIES

The survey was conducted by NDOT personnel, appropriately licensed Asbestos and Hazardous Emergency Response Act (AHERA) accredited asbestos inspectors. The survey was conducted in general accordance with the sample collection protocols established in EPA regulation 40 CFR 763. A summary of the survey activities performed is discussed below. Copies of AHERA

certifications and licenses for NDOT personnel conducting the survey are provided as Appendix D.

4.1 Visual and Physical Assessment

Survey activities began with a visual observation of the Property structures to identify homogeneous areas of suspect ACM. Homogeneous areas refer to areas in which similar application, age, and appearance of building materials exist.

A physical assessment of each homogeneous area of suspect ACM were conducted to assess the friability and condition of the materials. The homogeneous areas identified during the visual survey, the presence of coating materials, and sample identifiers are summarized in Table 1.

4.2 Sample Collection and Analysis

Based on results of the visual observation, bulk samples of suspect ACM were collected in general accordance with AHERA sampling protocols. Representative samples of suspect materials were collected in each homogeneous area. Samples were placed in new sealable containers and labeled with unique sample numbers.

Bulk samples of ACM were submitted under chain of custody to Asbestos TEM Laboratories for analysis by PLM. The percentage of asbestos, where applicable, was determined by microscopic visual estimation. Homogeneous areas sampled and their results are summarized in Table 1. A sample Location Map is included in Appendix A. Asbestos analytical results in their entirety are included in Appendix B.

Table 1 – Suspected Asbestos Containing Materials Sampling Results

Sample No.	Homogeneous Area [1]	Location of Material	Asbestos Content [2], % Type	Condition (G / D)	Quantity Estimate	EPA Category, friability
DW-1, DW-2, DW-3	Unfinished drywall	Garage interior	ND	G / D	NA	NA
FB-4	Firebrick	Fireplace interior	ND	G	NA	NA
VT-5	Cream patterned 12”x12” vinyl floor tile	Entry way and entry way closet	ND	G	NA	NA
VT-6	Red brick patterned 12”x12” vinyl floor tile	Entry way, entry way closet, and north guest bedroom closet	ND	G	NA	NA
VT-6	Clear mastic, *split sample*	Entry way, entry way closet, and north guest bedroom closet	ND	G	NA	NA
VT-6	Brown tile, *split sample*	Entry way, entry way closet, and north guest bedroom closet	ND	G	NA	NA
VT-6	Yellow mastic, *split sample*	Entry way, entry way closet, and north guest bedroom closet	ND	G	NA	NA
VT-7	**Cream rock patterned 12”x12” vinyl floor tile**	**Main floor in guest bedrooms**	**1-5% Chrysotile**	**G**	**288 SF**	**Cat I, non-friable**
VT-7	**Black mastic, *split sample***	**Main floor in guest bedrooms**	**1-5% Chrysotile**	**G**	**288 SF**	**Cat I, non-friable**
DW-8, DW-9, DW-10	Drywall (smooth texture)	Kitchen, kitchen ceiling, and dining room	ND	G	NA	NA

Sample No.	Homogeneous Area [1]	Location of Material	Asbestos Content [2], % Type	Condition (G / D)	Quantity Estimate	EPA Category, friability
DW-8, DW-9, DW-10	**Skim coat, *split sample***	**Kitchen, kitchen ceiling, and dining room**	**1-5% Chrysotile**	**G**	**536 SF**	**RACM, friable**
DW-11, DW-12, DW-13, DW-14, DW-15	Drywall (orange peel textured)	Entire house (excluding kitchen, kitchen ceiling, dining room, and acoustical ceiling homogenous areas)	ND	G / D	NA	NA
DW-11, DW-12, DW-13, DW-14, DW-15	**Skim coat, *split sample***	**Entire house (excluding kitchen, kitchen ceiling, dining room, and acoustical ceiling homogenous areas)**	**1-5% Chrysotile**	**G**	**2,314 SF**	**RACM, friable**
DW-11, DW-12, DW-13, DW-14, DW-15	Orange peel texture, *split sample*	Entire house (excluding kitchen, kitchen ceiling, dining room, and acoustical ceiling homogenous areas)	ND	G	NA	NA
SA-16, SA-17, SA-18, SA-19, SA-20	**Sprayed-on acoustical ceiling material**	**Entire house ceiling (excluding kitchen, bathroom, and closet ceilings)**	**5-10% Chrysotile, tested to first positive**	**G**	**868 SF**	**RACM, friable**
ST-21, ST-22, ST-23	Stucco coating	Stucco coating exterior limited to residence structure	Point counted, 0.5% - <0.25% Chrysotile	G / D	NA	NA
S-Felt-24	Stucco felt underlay	Stucco underlay limited to residence structure	ND	G	NA	NA
S-Felt-25	Stucco felt underlay	Stucco underlay limited to garage structure	ND	G	NA	NA
ST-26, ST-27, ST-28	Stucco coating	Stucco coating exterior limited to garage structure	Point counted, ≦0.25% Chrysotile	G	NA	NA
R-29	Composite roof shingle	Roofing shingles on main structure and garage	ND	G	NA	NA
R-30	Roofing felt	Roofing felt on main structure and garage	ND	G	NA	NA
S-31	**Roof flashing sealant**	**Sealant on all roofing penetrations**	**1-5% Chrysotile**	**G**	**6 locations**	**Cat-I, non-friable**

notes: (1) Split samples are inhomogeneous materials as identified by the analyzing lab under magnification
(2) PLM analysis unless otherwise noted
Materials in **Bold** are identified as asbestos containing material (ACM)
ND = Not detected
G/D = Good/Damaged
NA = Not applicable
RACM = Regulated Asbestos Containing Material
SF = Square feet

4.3 Asbestos Findings and Recommendations

State and Federal standards define an ACM as “any material containing asbestos in excess of one percent by weight.” Federal OSHA regulates worker exposure to airborne asbestos fibers with Permissible Exposure Limits (PELs) and requires specific work practices and procedures per 29 CFR1926.1101, when disturbing ACMs. It recommended that ACMs requiring removal, be removed by a Nevada licensed abatement contractor using appropriately trained and license asbestos trained workers prior to demolitions. Furthermore, NDOT recommends all asbestos

abatement activities be monitored by a NV-OSHA certified third party consultant to document regulatory compliance to include but not limited to final air clearance after abatement activities.

Regulated ACMs are required to be abated prior to demolition activities that will impact or disturb the ACMs. The following RACMs in Table 2 will require abatement prior to demolition activities.

Table 2 – Regulated Asbestos Containing Materials Requiring Abatement Prior to Demolition

Homogeneous Area	Location	Quantity	Asbestos Content [(1)], % Type
Sprayed-on acoustical ceiling material	Ceiling throughout house not to include kitchen, closets, and bathrooms	868 SF	5-10% Chrysotile, tested to first positive
Skim coat	Entire house (excluding sprayed-on acoustical ceiling areas as abated separately)	2,850 SF	1-5% Chrysotile

notes: (1) PLM analysis unless otherwise noted
SF = Square feet

ACMs that can be left in place throughout the demolition process provided that no demolition activity (e.g., grinding, abrading) will result in friability of ACMs are presented in Table 3. However, these ACMs are to be excluded from any recycling processes.

Table 3 – Asbestos Containing Materials to be Left in Place

Homogeneous Area	Location	Quantity	Asbestos Content [(1)], % Type
Cream rock patterned 12”x12” vinyl floor tile	Main floor in guest bedrooms	288 SF	1-5% Chrysotile
Cream rock patterned 12”x12” vinyl floor tile black mastic	Main floor in guest bedrooms	288 SF	1-5% Chrysotile
Roof flashing sealant	Sealant on all roofing penetrations	6 locations	1-5% Chrysotile

notes: (1) PLM analysis unless otherwise noted
SF = Square feet

The following materials in Table 4 were found to contain asbestos but at concentrations less than one percent. Because the material is not considered an ACM, it may remain in place throughout demolition activities.

Table 4 – Materials Containing Less Than 1% Asbestos (Trace)

Homogeneous Area	Location
Stucco coating	Stucco coating on exterior of both residential and garage structures

Additional suspect materials, other than those identified during the survey, could exist within the structures in areas not accessible to the inspector at the time of the survey. Should suspect materials other than those identified during this survey be uncovered during the renovation/demolition process, those materials should be assumed to be ACM until sampling and analysis can confirm or refute this assumption. Asbestos determinations for any materials that are chosen to be recycled and not sampled as part of this survey are the responsibility of the contractor, subcontractor, or recycler as appropriate.

5.0 LEAD-BASED PAINT FIELD ACTIVITIES

NDOT personnel assessed the condition of paint coated surfaces of the Property as part asbestos homogeneous area identification. Painted surfaces that were observed to be in fair and or poor condition, as defined by Chapter 5 of Housing and Urban Development (HUD) guidelines, were sampled. These specific guidelines are summarized as follows in Table 5.

Table 5 – HUD Condition Determination of Lead Based Paints

Types of Building Component	Total Area of Degraded Paint		
	Intact	Fair	Poor
Exterior components with large surface areas.	Entire surface is intact.	≤ 10 square feet.	> 10 square feet.
Interior components with large surface areas (ceilings, floors, doors, walls).	Entire surface is intact.	≤ 2 square feet.	> 2 square feet.
Interior and exterior components with small surface areas (windowsills, trim, soffits, baseboards).	Entire surface is intact.	≤ 10 percent of the total surface area of the component.	> 10 percent of the total surface area of the component.

5.1 Sample Collection and Analysis

Paint samples were collected from the Property by removing paint chips using hand tools to obtain representative samples. Samples were placed in new sealable containers and labeled with unique sample numbers. Paint chip samples were submitted under chain of custody to Alpha Analytical Laboratories for analysis by EPA test method 6020.

5.2 Lead Based Paints Findings and Recommendations

Two components were identified as poor condition and were sampled to determine if they are considered LBPs. The composite sample(s) were analyzed for total lead. Based on the EPA's definition of LBP, the coating material(s) are not a LBP. Analytical results are included in Appendix C and laboratory results are summarized in Table 6.

Table 6 – Non-Intact Lead Based Paint Determinations

Sample No.	Sample Location	Paint Color	Paint Condition	Est. Quantity, square feet	Lead Content, ppm (%)
House Trim	House fascia, exterior	Tan	Poor	132	59 (0.006%)
Garage Ceiling	Garage ceiling, interior	White	Poor	8	85 (0.008%)

notes: Materials in **Bold** determined to be LBP requiring encapsulation/stabilization or removal prior to disturbing.
ppm = parts per million

No stabilization or removal of coating materials is required prior to demolition activities.

6.0 Regulated Material Findings

Regulated materials, to include universal wastes, that were identified and will require removal and appropriate disposal/recycling prior to demolition activities are as follows:

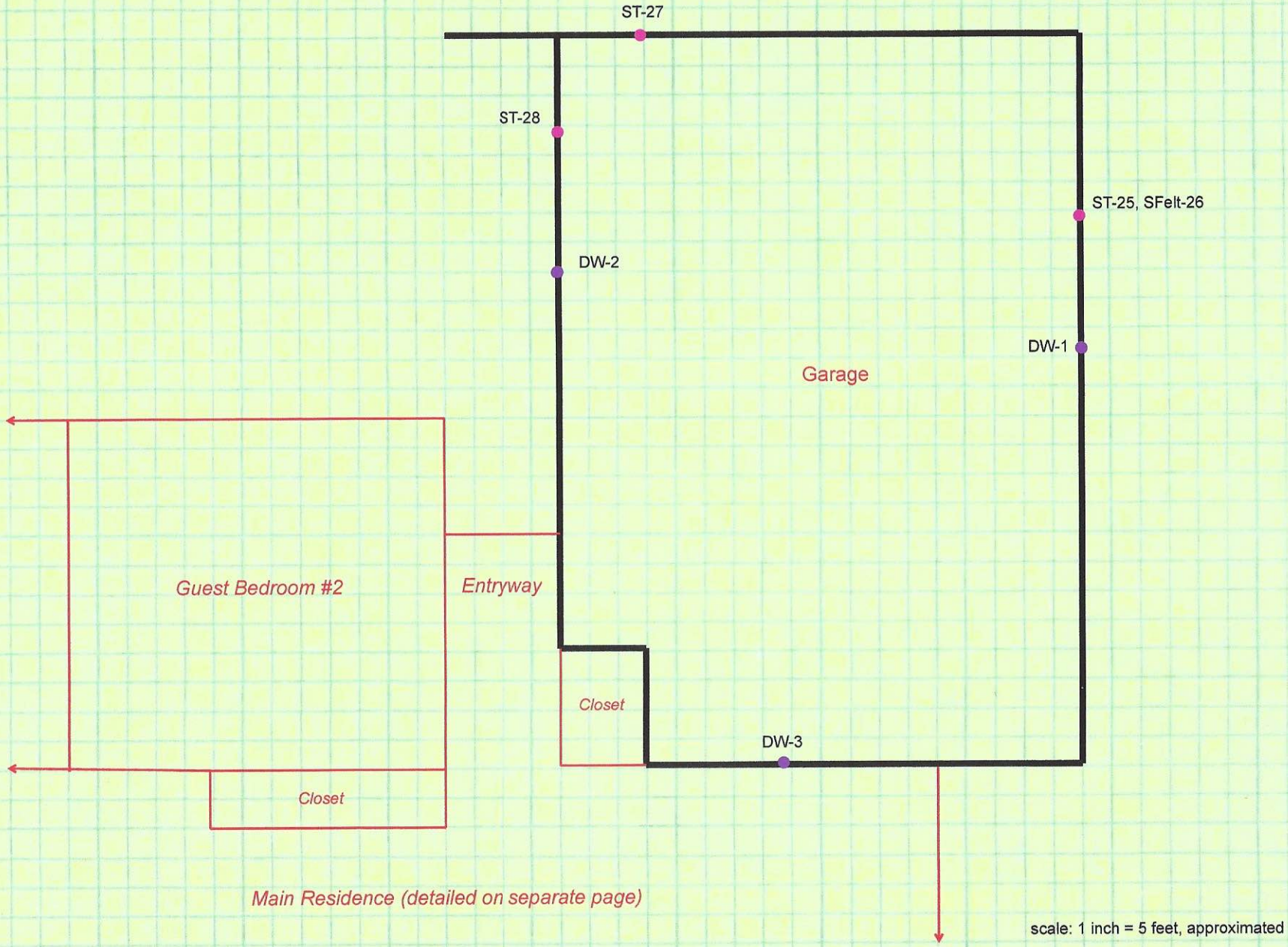
- 2 Fluorescent Lamp and 1 Fluorescent Lamp Ballast
- 1 HID Bulb and 1 HID Ballast
- 1 Smoke Detector
- 1 CRT Television
- Various Automotive-Related Fluids (e.g., oils, antifreeze), ≤ gallon sized containers

Appendix A
Sample Location Map

Main Residence Sample Locations
10 Del Amo Drive
Las Vegas, Nevada

Garage Sample Locations
10 Del Amo Drive
Las Vegas, Nevada

North →



Appendix B
Bulk Asbestos Samples Results

ASBESTOS TEM LABORATORIES, INC.

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

Report No. 145590

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

Sep-30-21

Robert Pickarz
Nevada Department of Transportation
1263 South Stewart Street
Carson City, NV 89712

RE: LABORATORY JOB Nc
Polarized light microscopy analytical results for 20 bulk sample(s) with 8 sample split(s)
Job Site: Charleston demo, 10 Delamo
Job No.: 61010
Report No.: 145590

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.

NVLAP Lab Code 200104-0

POLARIZED LIGHT MICROSCOPY ANALYTICAL REPORT

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

Contact: Robert Pickarz

Address: Nevada Department of
1263 South Stewart Street
Carson City, NV 89712

Samples Indicated: 31
Reg. Samples Analyzed: 20
Split Layers Analyzed: 8

Report No. **145590**
Date Submitted: Sep-29-21
Date Reported: Sep-30-21

Job Site / No. Charleston demo, 10 Delamo
61010

SAMPLE ID	ASBESTOS % TYPE	OTHER DATA 1) Non-Asbestos Fibers 2) Matrix Materials 3) Date/Time Collected 4) Date Analyzed	DESCRIPTION FIELD / LAB
DW-1 Split A Lab ID # 9092-00064-001A	**None Detected**	1) 1-5% Cellulose 2) 95-99% Calc, Gyp, Other m.p. 3) 4) Sep-30-21	Uncoated drywall - North side garage Mud-White
DW-1 Split B Lab ID # 9092-00064-001B	**None Detected**	1) 11-25% Cellulose,Fiberglass 2) 75-89% Gyp, Other m.p. 3) 4) Sep-30-21	Uncoated drywall - North side garage Drywall-White/Tan
DW-2 Split A Lab ID # 9092-00064-002A	**None Detected**	1) 1-5% Cellulose 2) 95-99% Calc, Gyp, Other m.p. 3) 4) Sep-30-21	Uncoated drywall - South side garage Mud-White
DW-2 Split B Lab ID # 9092-00064-002B	**None Detected**	1) 11-25% Cellulose,Fiberglass 2) 75-89% Gyp, Other m.p. 3) 4) Sep-30-21	Uncoated drywall - East side garage Drywall-White/Tan
DW-3 Split A Lab ID # 9092-00064-003A	**None Detected**	1) 1-5% Cellulose 2) 95-99% Calc, Gyp, Other m.p. 3) 4) Sep-30-21	Uncoated drywall - East side garage Mud-White
DW-3 Split B Lab ID # 9092-00064-003B	**None Detected**	1) 11-25% Cellulose,Fiberglass 2) 75-89% Gyp, Other m.p. 3) 4) Sep-30-21	Uncoated drywall - East side garage Drywall-White/Tan
FB-4 Lab ID # 9092-00064-004	**None Detected**	1) None Detected 2) 99-100% Clay, Qtz, Gyp, Other m.p. 3) 4) Sep-30-21	Fire brick - inside fireplace Brick-Tan
VT-5 Lab ID # 9092-00064-005	**None Detected**	1) 1-5% Cellulose 2) 95-99% Plast, Calc, Gyp, Other m.p. 3) 4) Sep-30-21	Vinyl tile (cream/patterned) - entry way Tile-Tan/Grey
VT-6 Split A Lab ID # 9092-00064-006A	**None Detected**	1) 1-5% Cellulose 2) 95-99% Plast, Calc, Gyp, Other m.p. 3) 4) Sep-30-21	Vinyl tile (red brick pattern) - entry way Tile-Red
VT-6 Split B Lab ID # 9092-00064-006B	**None Detected**	1) 1-5% Synthetics 2) 95-99% Bndr, Other m.p. 3) 4) Sep-30-21	Vinyl tile (red brick pattern) - entry way Mastic-Clear

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

NVLAP Lab Code 200104-0

POLARIZED LIGHT MICROSCOPY ANALYTICAL REPORT

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

Contact: Robert Pickarz

Address: Nevada Department of
1263 South Stewart Street
Carson City, NV 89712

Samples Indicated: 31
Reg. Samples Analyzed: 20
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Report No. **145590**
Date Submitted: Sep-29-21
Date Reported: Sep-30-21

Job Site / No. Charleston demo, 10 Delamo 61010

SAMPLE ID	ASBESTOS %	ASBESTOS TYPE	OTHER DATA (1) Non-Asbestos Fibers (2) Matrix Materials (3) Date/Time Collected (4) Date Analyzed	DESCRIPTION FIELD / LAB
VT-6 Split C Lab ID # 9092-00064-006C		**None Detected**	1) 1-5% Cellulose 2) 95-99% Plast, Calc, Gyp, Other m.p. 3) 4) Sep-30-21	Vinyl tile (red brick pattern) - entry way Tile-Brown
VT-6 Split D Lab ID # 9092-00064-006D		**None Detected**	1) 1-5% Cellulose 2) 95-99% Bndr, Calc, Gyp, Other m.p. 3) 4) Sep-30-21	Vinyl tile (red brick pattern) - entry way Mastic-Yellow
VT-7 Split A Lab ID # 9092-00064-007A	**1-5%**	**Chrysotile**	1) None Detected 2) 95-99% Plast, Calc, Qtz, Other m.p. 3) 4) Sep-30-21	Vinyl tile (cream rock pattern) - GB-1 South side Tile-Off-White
VT-7 Split B Lab ID # 9092-00064-007B	**1-5%**	**Chrysotile**	1) 1-5% Cellulose 2) 90-98% Tar, Other m.p. 3) 4) Sep-30-21	Vinyl tile (cream rock pattern) - GB-1 South side Mastic-Black
DW-8 Split A Lab ID # 9092-00064-008A	**1-5%**	**Chrysotile**	1) 1-5% Cellulose 2) 90-98% Calc, Gyp, Paint, Other m.p. 3) 4) Sep-30-21	Drywall, no orange peel (tan painted) - kitchen ceiling Mud-Off-White/Tan
DW-8 Split B Lab ID # 9092-00064-008B		**None Detected**	1) 11-25% Cellulose,Fiberglass 2) 75-89% Gyp, Other m.p. 3) 4) Sep-30-21	Drywall, no orange peel (tan painted) - kitchen ceiling Drywall-White/Tan
DW-9 Lab ID # 9092-00064-009		**Not Analyzed**	1) 2) 3) 4) Sep-30-21	Drywall, no orange peel (tan painted) - West dining room wall
DW-10 Lab ID # 9092-00064-010		**Not Analyzed**	1) 2) 3) 4) Sep-30-21	Drywall, no orange peel (tan painted) - South dining room wall
DW-11 Lab ID # 9092-00064-011		**Not Analyzed**	1) 2) 3) 4) Sep-30-21	Drywall, orange peel (tan) - East living room wall
DW-12 Lab ID # 9092-00064-012		**Not Analyzed**	1) 2) 3) 4) Sep-30-21	Drywall, orange peel (tan) - West living room wall

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

NVLAP Lab Code 200104-0

POLARIZED LIGHT MICROSCOPY ANALYTICAL REPORT

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

Contact: Robert Pickarz

Address: Nevada Department of
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Report No. **145590**
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Date Reported: Sep-30-21

Job Site / No. Charleston demo, 10 Delamo 61010

SAMPLE ID	ASBESTOS %	ASBESTOS TYPE	OTHER DATA (1) Non-Asbestos Fibers (2) Matrix Materials (3) Date/Time Collected (4) Date Analyzed	DESCRIPTION FIELD / LAB
DW-13 Lab ID # 9092-00064-013		**Not Analyzed**	1) 2) 3) 4) Sep-30-21	Drywall, orange peel (red) - South master bedroom wall
DW-14 Lab ID # 9092-00064-014		**Not Analyzed**	1) 2) 3) 4) Sep-30-21	Drywall, orange peel (tan) - North G-B-1 wall
DW-15 Lab ID # 9092-00064-015		**Not Analyzed**	1) 2) 3) 4) Sep-30-21	Drywall, orange peel (tan) - West master bathroom wall
SA-16 Lab ID # 9092-00064-016	**5-10%**	**Chrysotile**	1) None Detected 2) 90-95% Calc, PlastFoam, Other m.p. 3) 4) Sep-30-21	Spray acoustic ceiling - dining room ceiling Acoustic-White
SA-17 Lab ID # 9092-00064-017		**Not Analyzed**	1) 2) 3) 4) Sep-30-21	Spray acoustic ceiling - living room ceiling
SA-18 Lab ID # 9092-00064-018		**Not Analyzed**	1) 2) 3) 4) Sep-30-21	Spray acoustic ceiling - hallway ceiling
SA-19 Lab ID # 9092-00064-019		**Not Analyzed**	1) 2) 3) 4) Sep-30-21	Spray acoustic ceiling - master bedroom ceiling
SA-20 Lab ID # 9092-00064-020		**Not Analyzed**	1) 2) 3) 4) Sep-30-21	Spray acoustic ceiling - G-B-Z ceiling
ST-21 Lab ID # 9092-00064-021	**<1%**	**Chrysotile**	1) 1-5% Cellulose 2) 95-99% Clay, Qtz, Gyp, Other m.p. 3) 4) Sep-30-21	Stucco coating (tan) - East backyard wall Stucco-Tan/Grey
ST-22 Lab ID # 9092-00064-022	**<1%**	**Chrysotile**	1) 1-5% Cellulose 2) 95-99% Clay, Qtz, Gyp, Other m.p. 3) 4) Sep-30-21	Stucco coating (tan) - North backyard wall Stucco-Tan/Grey

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

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61010

SAMPLE ID	ASBESTOS %	ASBESTOS TYPE	OTHER DATA (1) Non-Asbestos Fibers (2) Matrix Materials (3) Date/Time Collected (4) Date Analyzed	DESCRIPTION FIELD / LAB
ST-23	**<1%**	**Chrysotile**	1) 1-5% Cellulose 2) 95-99% Clay, Qtz, Gyp, Other m.p.	Stucco coating (tan) - South backyard wall
Lab ID # 9092-00064-023			3) 4) Sep-30-21	Stucco-Tan/Grey
S-Felt-24		**None Detected**	1) 60-70% Cellulose 2) 30-40% Tar, Other m.p.	Stucco felt backing - South backyard wall
Lab ID # 9092-00064-024			3) 4) Sep-30-21	Felt-Black
S-Felt-25		**None Detected**	1) 60-70% Cellulose 2) 30-40% Tar, Other m.p.	Stucco felt backing - North garage wall
Lab ID # 9092-00064-025			3) 4) Sep-30-21	Felt-Black
ST-26	**<1%**	**Chrysotile**	1) 1-5% Cellulose 2) 95-99% Clay, Qtz, Gyp, Other m.p.	Stucco coating (tan) - North garage wall
Lab ID # 9092-00064-026			3) 4) Sep-30-21	Stucco-Tan/Grey
ST-27	**<1%**	**Chrysotile**	1) 1-5% Cellulose 2) 95-99% Clay, Qtz, Gyp, Other m.p.	Stucco coating (tan) - West garage wall
Lab ID # 9092-00064-027			3) 4) Sep-30-21	Stucco-Tan/Grey
ST-28	**<1%**	**Chrysotile**	1) 1-5% Cellulose 2) 95-99% Clay, Qtz, Gyp, Other m.p.	Stucco coating (tan) - South garage wall
Lab ID # 9092-00064-028			3) 4) Sep-30-21	Stucco-Tan/Grey
R-29		**None Detected**	1) 30-40% Fiberglass 2) 60-70% Tar, Qtz, Other m.p.	Composite roof shingle (black) - East roof
Lab ID # 9092-00064-029			3) 4) Sep-30-21	Roofing-Black
RF-30		**None Detected**	1) 50-60% Cellulose 2) 40-50% Tar, Other m.p.	Roofing felt - East roof
Lab ID # 9092-00064-030			3) 4) Sep-30-21	Roofing Felt-Black
S-31	**5-10%**	**Chrysotile**	1) 1-5% Cellulose 2) 85-94% Tar, Calc, Gyp, Other m.p.	Roof flashing sealant - East roof
Lab ID # 9092-00064-031			3) 4) Sep-30-21	Sealant-Black/Grey
Lab ID #			1) 2) 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

Nevada Department of Transportation
1263 S. Stewart St
Carson City, NV 89701

Survey Data

Inspectors: [redacted]/Robert Piekarz	Project Name: CHARLESTON DEMO	Project Number: 61010	Date Sampled: 9/27
Phone: 775-888-7892 Fax: 775-888-7104	Project Location: 10 DEL AMO	Analysis Type: Abestos	Air (Bulk)
Turn-A-Round Time: Rush 24-Hour (2 Day)	Requests: (EMAIL) Verbals Fax	Test to First Positive: (Yes) No	

Lab #	Sample ID	Material Description	Sample Location	Location of Materials	Quantity	Condition	Friable	Asbestos %
1	1 DW-1	UNCOATED DRYWALL	NORTH SIDE GARAGE	GARAGE		G	N	
2	2 DW-2	" "	SOUTH SIDE GARAGE	" "		G	N	
3	3 DW-3	" "	EAST SIDE GARAGE	" "		D	N	
4	4 FB-4	FIRE BRICK	INSIDE FIRE PLACE	FIREPLACE INT.		G	N	
5	5 VT-5	VINYL TILE CREAM- PATTERNED	ENTRYWAY	ENTRY WAY & ENTRY CLOSET	445F	G	N	
6	6 VT-6	VINYL TILE - RED BRICK PATTERN	" "	" " + GB-2 CLOSET	56SF	G	N	
7	7 VT-7	VINY TILE - CREAM ROCK PATTERN	GB-1 SOUTH SIDE	GB-1, GG-2	288 SF	G	N	
8	8 DW-8	TAN PAINTED DRYWALL } NO ORANGE PEEL	KITCHEN CEILING	KITCHEN AND DINING ROOM		G	N	
9	9 DW-9	" "	WEST DINING ROOM WALL	" "		G	N	
10	10 DW-10	" "	SOUTH DINING ROOM WALL	" "		G	N	

Comments/Additional Information GB - Guest Bedroom

MATERIAL			CONDITION	UNITS	ASBESTOS %
PFI - Pipe Fitted Insulation	VT - Vinyl Tile	GA - Gasket	G - Good	LF - Linear Feet	A - Asmosite Asbestos
PRI - Pipe Run Insulation	M - Mastic	D - Debris	D - Damaged	SF - Square Feet	C - Chrysotile Asbestos
DI - Duct Insulation	CBM - Cove Base Mastic	TSI - Thermal System	SD - Significant Damage	CF - Cubic Feet	NDA - No Asbestos Detected
TI - Tank Insulation	AT - Acoustical Tile	Insulation			Assumed ACM - No Samples Taken
EJ - Expansion Joint	SA - Spray Acoustic	R - Roof			
BI - Boiler Insulation	W- Wall	DW - Drywall			
	P - Plaster	JC - Joint Compound			

Relinquished By: [signature]	Relinquished By:	Relinquished By:
Date/Time : 9/29/21 09:30	Date/Time : 9/29/21 10:00AM	Date/Time :
Received By:	Received By: Andrew Strong	Received By:

Nevada Department of Transportation
1263 S. Stewart St
Carson City, NV 89701

Survey Data

Inspectors: [redacted]/Robert Piekarz	Project Name: CHARLESTON DEMO	Project Number: 61010	Date Sampled: 9/27
Phone: 775-888-7892 Fax: 775-888-7104	Project Location: 10 DEL AMO	Analysis Type: Abestos Air (Bulk)	
Turn-A-Round Time: Rush 24-Hour ~~2 Day~~	Requests: email Verbals Fax	Test to First Positive: (Yes) No	

Lab #	Sample ID	Material Description	Sample Location	Location of Materials	Quantity	Condition	Friable	Asbestos %
11	1 DW-11	TAN DRY WALL - ORANGE PEEL	EAST LIVING ROOM WALL	HOUSE INTERIOR - KITCHEN & D.R.		G	N	
12	2 DW-12	" "	WEST LIVING ROOM WALL	" "		G	N	
13	3* DW-13	RED DRYWALL + O.P. MASTER BEDROOM	SOUTH MASTER BEDROOM WALL	MASTER BED * ROOM - DIFF. PAINT		G	N	
14	4 DW-14	TAN DRYWALL - ORANGE PEEL	NORTH G.B-1 WALL	HOUSE INTERIOR - KITCHEN & D.R		G	N	
15	5 DW-15	" "	WEST MASTER BATHROOM WALL	" "		G	N	
16	6 SA-16	SPRAY ACOUSTIC CEILING	D.R CEILING	THROUGOUT HOUSE - BATHROOMS AND KITCHEN		G	Y	
17	7 SA-17	" "	LIVING ROOM CEICING	" "		G	Y	
18	8 SA-18	" "	HALLWAY CEILING	" "		G	Y	
19	9 SA-19	" "	MASTER BEDROOM CEILING	" "		G	Y	
20	10 SA-20	" "	G.B-2 CEICING	" "		G	Y	

Comments/Additional Information D.R. - DINING ROOM, G.B. - GUEST BEDROOM, * SAME ORANGE PEEL & DRYWALL AS INTERIOR HOUSE

MATERIAL			CONDITION	UNITS	ASBESTOS %
PFI - Pipe Fitted Insulation	VT - Vinyl Tile	GA - Gasket	G - Good	LF - Linear Feet	A - Asmosite Asbestos
PRI - Pipe Run Insulation	M - Mastic	D - Debris	D - Damaged	SF - Square Feet	C - Chrysotile Asbestos
DI - Duct Insulation	CBM - Cove Base Mastic	TSI - Thermal System	SD - Significant Damage	CF - Cubic Feet	NDA - No Asbestos Detected
TI - Tank Insulation	AT - Acoustical Tile	Insulation			Assumed ACM - No Samples Taken
EJ - Expansion Joint	SA - Spray Acoustic	R - Roof			
BI - Boiler Insulation	W- Wall	DW - Drywall			
	P - Plaster	JC - Joint Compound			

Relinquished By: _____ Relinquished By: _____ Relinquished By: _____
Date/Time : 9/29/21 09:30 Date/Time : _____ Date/Time : _____
Received By: _____ Received By: _____ Received By: _____

Nevada Department of Transportation
1263 S. Stewart St
Carson City, NV 89701

Survey Data

Inspectors: [redacted]/Robert Piekarz	Project Name: CHARLESTON DEMO	Project Number: 6010	Date Sampled: 9/27
Phone: 775-888-7892 Fax: 775-888-7104	Project Location: 10 DEL AMO	Analysis Type: Abestos	Air (Bulk)
Turn-A-Round Time: Rush 24-Hour (2 Day)	Requests: Verbals Fax	Test to First Positive: (Yes)	No

Lab #	Sample ID	Material Description	Sample Location	Location of Materials	Quantity	Condition	Friable	Asbestos %
21	1 ST-21	TAN STUCCO COATING	EAST BACKYARD WALL	EXTERIOR OF HOUSE - GARAGE		G	N	
22	2 ST-22	" "	NORTH BACKYARD WALL	" "		G	N	
23	3 ST-23	" "	SOUTH BACKYARD WALL	" "		D	N	
24	4 SFELT-24	STUCCO FELT BACKING	" "	" "		G	Y	
25	5 SFELT-25 *	" "	NORTH GARAGE WALL	EXTERIOR OF GARAGE		G	Y *	
26	6 ST-26 *	TAN STUCCO COATING	" "	" "		G	N *	
27	7 ST-27 *	" "	WEST GARAGE WALL	" "		G	N *	
28	8 ST-28 *	" "	SOUTH GARAGE WALL	" "		G	N *	
29	9 R-29	COMPOSITE ROOF SHINGLE - BLACK	EAST ROOF	ROOFING WHOLE STRUCTURE		G	N	
30	10 RF-30	ROOFING FELT	" "	" "		G	Y	

Comments/Additional Information * APPEARS TO BE ADDITION *

MATERIAL			CONDITION	UNITS	ASBESTOS %
PFI - Pipe Fitted Insulation	VT - Vinyl Tile	GA - Gasket	G - Good	LF - Linear Feet	A - Asmosite Asbestos
PRI - Pipe Run Insulation	M - Mastic	D - Debris	D - Damaged	SF - Square Feet	C - Chrysotile Asbestos
DI - Duct Insulation	CBM - Cove Base Mastic	TSI - Thermal System	SD - Significant Damage	CF - Cubic Feet	NDA - No Asbestos Detected
TI - Tank Insulation	AT - Acoustical Tile	Insulation			Assumed ACM - No Samples Taken
EJ - Expansion Joint	SA - Spray Acoustic	R - Roof			
BI - Boiler Insulation	W- Wall	DW - Drywall			
	P - Plaster	JC - Joint Compound			

Relinquished By: [signature]	Relinquished By:	Relinquished By:
Date/Time : 9/29/21 09:30	Date/Time :	Date/Time :
Received By:	Received By:	Received By:

Nevada Department of Transportation
1263 S. Stewart St
Carson City, NV 89701

Survey Data

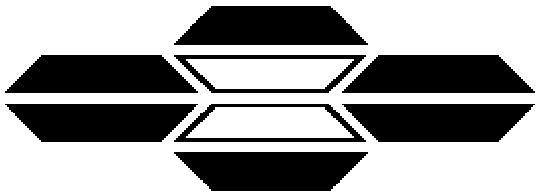
Inspectors: [redacted]/Robert Piekarz	Project Name: CHARLESTON DEMO	Project Number: 61010	Date Sampled: 9/27
Phone: 775-888-7892 Fax: 775-888-7104	Project Location: 10 DEL AMO	Analysis Type: Abestos	Air (Bulk)
Turn-A-Round Time: Rush 24-Hour (2 Day)	Requests: EMAIL Verbals Fax	Test to First Positive: (Yes)	No

Lab #	Sample ID	Material Description	Sample Location	Location of Materials	Quantity	Condition	Friable	Asbestos %
31	1 S-31	ROOF FLASHING & SEALANT	EAST ROOF	ROOF		G	N	
	2							
	3							
	4							
	5							
	6							
	7							
	8							
	9							
	10							

Comments/Additional Information

MATERIAL			CONDITION	UNITS	ASBESTOS %
PFI - Pipe Fitted Insulation	VT - Vinyl Tile	GA - Gasket	G - Good	LF - Linear Feet	A - Asmosite Asbestos
PRI - Pipe Run Insulation	M - Mastic	D - Debris	D - Damaged	SF - Square Feet	C - Chrysotile Asbestos
DI - Duct Insulation	CBM - Cove Base Mastic	TSI - Thermal System	SD - Significant Damage	CF - Cubic Feet	NDA - No Asbestos Detected
TI - Tank Insulation	AT - Acoustical Tile	Insulation			Assumed ACM - No Samples Taken
EJ - Expansion Joint	SA - Spray Acoustic	R - Roof			
BI - Boiler Insulation	W- Wall	DW - Drywall			
	P - Plaster	JC - Joint Compound			

Relinquished By: [signature]	Relinquished By:	Relinquished By:
Date/Time : 9/29/21 09:30	Date/Time :	Date/Time :
Received By:	Received By:	Received By:



ASBESTOS TEM LABORATORIES, INC.

Polarized Light Microscopy
Analytical Report
(EPA Point Count Protocol)

Report No. 145604

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

With Main Office Located At:
630 Bancroft Way, Berkeley, CA 94710
Ph. (510) 704-8930 Fax (510) 704-8929

ASBESTOS TEM LABORATORIES, INC

Accredited by
U.S. Dept. of Commerce
NVLAP
NVLAP Lab Code 200104-0

Oct/01/2021

Mr. Robert Piekarz
Nevada Department of Transportation
1263 South Stewart Street
Carson City, NV 89712

RE: LABORATORY JOB # 9092-00065
Polarized light microscopy analytical results for 6 bulk sample(s).
Job Site: Charleston Demo 10 Del Amo
Job No.: 61010

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) using the point counting technique to determine asbestos concentration. 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 the various materials present, including asbestos. Quantitation of asbestos is made via counting of a minimum of 400 semi-random particles using a Chalkey reticle. 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,

Lab Manager
ASBESTOS TEM LABORATORIES, INC.

Accredited by
U.S. Dept. of Commerce
NVLAP
NVLAP Lab Code 200104-0

POLARIZED LIGHT MICROSCOPY
POINT COUNT ANALYTICAL REPORT

Contact: Mr. Robert Piekarz
Address: Nevada Department of Transportation
1263 South Stewart Street
Carson City, NV 89712

Samples Submitted: 6
Samples Analyzed: 6
Job Site / No. Charleston Demo 10 Del Amo
61010

Report No. **145604**
Date Submitted: Oct-01-21
Date Reported: Oct-01-21

SAMPLE ID	POINTS COUNTED	ASBESTOS %	ASBESTOS TYPE	LOCATION / DESCRIPTION
ST-21.	**1**	**0.25%**	**Chrysotile**	Stucco Coating(Tan), East Backyard Wall, Garage
Lab ID # 9092-00065-001	**400** - Total Points			
ST-22.	**2**	**0.50%**	**Chrysotile**	Stucco Coating(Tan), North Backyard Wall, Garage
Lab ID # 9092-00065-002	**400** - Total Points			
ST-23.	**0**	**<0.25**	**Chrysotile**	Stucco Coating(Tan), South Backyard Wall, Garage
Lab ID # 9092-00065-003	**400** - Total Points			
ST-26.	**0**	**<0.25%**	**Chrysotile**	Stucco Coating(Tan), North Garage Wall
Lab ID # 9092-00065-004	**400** - Total Points			
ST-27.	**1**	**0.25%**	**Chrysotile**	Stucco Coating(Tan), West Garage Wall
Lab ID # 9092-00065-005	**400** - Total Points			
ST-28.	**1**	**0.25%**	**Chrysotile**	Stucco Coating(Tan), South Garage Wall
Lab ID # 9092-00065-006	**400** - Total Points			
Lab ID #	- Total Points			
Lab ID #	- Total Points			
Lab ID #	- Total Points			
Lab ID #	- Total Points			

Lab Manager_____ **Analyst**_____

ASBESTOS TEM LABORATORIES, INC. 1350 Freeport Blvd., Unit 104, Sparks, NV 89431 (775) 359-3377
With Main Office in Berkley, CA (510) 704-8930

Gmail

Andrew Stroud <asbestostemlabs.nv@gmail.com>

PLM Report 145590 for Charleston Demo 10 Delamo 61010

2 messages

Andrew Stroud <asbestostemlabs.nv@gmail.com> Fri, Oct 1, 2021 at 8:00 AM
To: rpiekarz@dot.nv.gov
Bcc: Greg Hanes <greg.atem@gmail.com>

--

Thank you very much for using ATEM Laboratories.

ASBESTOS TEM

ATEM Laboratories, Inc.
1350 Freeport Blvd #104, Sparks, NV 89431
P: (775) 359-3377
E: asbestostemlabs.nv@gmail.com
| WEBSITE | FACEBOOK | TWITTER | LINKEDIN | YELP

145590_ 9092_PLM-Rpt_61010.pdf
642K

Piekarz, Robert <RPiekarz@dot.nv.gov> Fri, Oct 1, 2021 at 10:18 AM
To: Andrew Stroud <asbestostemlabs.nv@gmail.com>

Andrew,
Can I get a point count on all samples with a <1% asbestos detect?

On Oct 1, 2021, at 8:00 AM, Andrew Stroud <asbestostemlabs.nv@gmail.com> wrote:

[Quoted text hidden]
<145590_ 9092_PLM-Rpt_61010.pdf>

Nevada Department of Transportation
1263 S. Stewart St
Carson City, NV 89701

Survey Data

Inspectors: [redacted]/Robert Piekarz	Project Name: CHARLESTON DEMO	Project Number: 6010	Date Sampled: 9/27
Phone: 775-888-7892 Fax: 775-888-7104	Project Location: 10 DEL AMO	Analysis Type: Abestos	Air (Bulk)
Turn-A-Round Time: Rush 24-Hour (2 Day)	Requests: Verbals Fax	Test to First Positive: (Yes)	No

Lab #	Sample ID	Material Description	Sample Location	Location of Materials	Quantity	Condition	Friable	Asbestos %
21	1 ST-21	TAN STUCCO COATING	EAST BACKYARD WALL	EXTERIOR OF HOUSE - GARAGE		G	N	
22	2 ST-22	〃 〃	NORTH BACKYARD WALL	〃 〃		G	N	
23	3 ST-23	〃 〃	SOUTH BACKYARD WALL	〃 〃		D	N	
24	4 SFELT-24	STUCCO FELT BACKING	〃 〃	〃 〃		G	Y	
25	5 SFELT-25*	〃 〃	NORTH GARAGE WALL	EXTERIOR OF GARAGE		G	Y*	
26	6 ST-26*	TAN STUCCO COATING	〃 〃	〃 〃		G	N*	
27	7 ST-27*	〃 〃	WEST GARAGE WALL	〃 〃		G	N*	
28	8 ST-28*	〃 〃	SOUTH GARAGE WALL	〃 〃		G	N*	
29	9 R-29	COMPOSITE ROOF SHINGLE - BLACK	EAST ROOF	ROOFING WHOLE STRUCTURE		G	N	
30	10 RF-30	ROOFING FELT	〃 〃	〃 〃		G	Y	

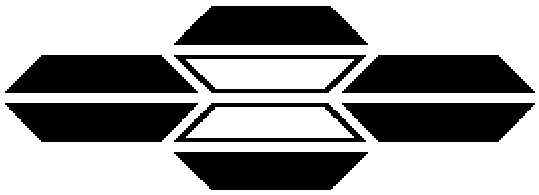
Comments/Additional Information *APPEARS TO BE ADDITION*

MATERIAL			CONDITION	UNITS	ASBESTOS %
PFI - Pipe Fitted Insulation	VT - Vinyl Tile	GA - Gasket	G - Good	LF - Linear Feet	A - Asmosite Asbestos
PRI - Pipe Run Insulation	M - Mastic	D - Debris	D - Damaged	SF - Square Feet	C - Chrysotile Asbestos
DI - Duct Insulation	CBM - Cove Base Mastic	TSI - Thermal System	SD - Significant Damage	CF - Cubic Feet	NDA - No Asbestos Detected
TI - Tank Insulation	AT - Acoustical Tile	Insulation			Assumed ACM - No Samples Taken
EJ - Expansion Joint	SA - Spray Acoustic	R - Roof			
BI - Boiler Insulation	W- Wall	DW - Drywall			
	P - Plaster	JC - Joint Compound			

Relinquished By: RR
Date/Time : 9/29/21 09:30
Received By: _____

Relinquished By: _____
Date/Time : _____
Received By: _____

Relinquished By: _____
Date/Time : _____
Received By: _____



ASBESTOS TEM LABORATORIES, INC.

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

Report No. 145683

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

Oct-13-21

Mr. Robert Piekarz
Nevada Department of Transportation
1263 South Stewart Street
Carson City, NV 89712

RE: LABORATORY JOB Nc
Polarized light microscopy analytical results for 7 bulk sample(s) with 12 sample split(s)
Job Site: Charleston Demo, 10 Del Amo
Job No.: 61010
Report No.: 145683

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.

NVLAP Lab Code 200104-0

POLARIZED LIGHT MICROSCOPY ANALYTICAL REPORT

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

Contact: Mr. Robert Piekarz

Address: Nevada Department of
1263 South Stewart Street
Carson City, NV 89712

Samples Indicated: 7
Reg. Samples Analyzed: 7
Split Layers Analyzed: 12

Job Site / No. Charleston Demo, 10 Del Amo
61010

Report No. **145683**
Date Submitted: Oct-04-21
Date Reported: Oct-13-21

SAMPLE ID	ASBESTOS %	ASBESTOS TYPE	OTHER DATA (1) Non-Asbestos Fibers (2) Matrix Materials (3) Date/Time Collected (4) Date Analyzed	DESCRIPTION FIELD / LAB
DW-9. Split A Lab ID # 9092-00070-001A	**1-5%**	**Chrysotile**	1) 1-5% Cellulose 2) 90-98% Calc, Gyp, Paint, Other m.p. 3) 4) Oct-13-21	Drywall, No Orange Peel(Tan Painted)-West Dining Room Wall Mud-White
DW-9. Split B Lab ID # 9092-00070-001B		**None Detected**	1) 11-25% Cellulose,Fiberglass 2) 75-89% Gyp, Other m.p. 3) 4) Oct-13-21	Drywall, No Orange Peel(Tan Painted)-West Dining Room Wall Drywall-White/Tan
DW-10. Split A Lab ID # 9092-00070-002A	**1-5%**	**Chrysotile**	1) 1-5% Cellulose 2) 90-98% Calc, Gyp, Paint, Other m.p. 3) 4) Oct-13-21	Drywall, No Orange Peel(Tan Painted)-South Dining Room Wall Mud-White
DW-10. Split B Lab ID # 9092-00070-002B		**None Detected**	1) 11-25% Cellulose,Fiberglass 2) 75-89% Gyp, Other m.p. 3) 4) Oct-13-21	Drywall, No Orange Peel(Tan Painted)-South Dining Room Wall Drywall-White/Tan
DW-11. Split A Lab ID # 9092-00070-003A		**None Detected**	1) 1-5% Cellulose 2) 95-99% Calc, Gyp, Paint, Other m.p. 3) 4) Oct-13-21	Drywall, Orange Peel(Tan)-East Living Room Wall Texture-White
DW-11. Split B Lab ID # 9092-00070-003B	**1-5%**	**Chrysotile**	1) 1-5% Cellulose 2) 90-98% Calc, Gyp, Other m.p. 3) 4) Oct-13-21	Drywall, Orange Peel(Tan)-East Living Room Wall Mud-White
DW-11. Split C Lab ID # 9092-00070-003C		**None Detected**	1) 11-25% Cellulose,Fiberglass 2) 75-89% Gyp, Other m.p. 3) 4) Oct-13-21	Drywall, Orange Peel(Tan)-East Living Room Wall Drywall-White/Tan
DW-12. Split A Lab ID # 9092-00070-004A		**None Detected**	1) 1-5% Cellulose 2) 95-99% Calc, Gyp, Paint, Other m.p. 3) 4) Oct-13-21	Drywall, Orange Peel(Tan)-West Living Room Wall Texture-White
DW-12. Split B Lab ID # 9092-00070-004B	**1-5%**	**Chrysotile**	1) 1-5% Cellulose 2) 90-98% Calc, Gyp, Other m.p. 3) 4) Oct-13-21	Drywall, Orange Peel(Tan)-West Living Room Wall Mud-White
DW-12. Split C Lab ID # 9092-00070-004C		**None Detected**	1) 11-25% Cellulose,Fiberglass 2) 75-89% Gyp, Other m.p. 3) 4) Oct-13-21	Drywall, Orange Peel(Tan)-West Living Room Wall Drywall-White/Tan

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

NVLAP Lab Code 200104-0

POLARIZED LIGHT MICROSCOPY ANALYTICAL REPORT

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

Contact: Mr. Robert Piekarz

Address: Nevada Department of
1263 South Stewart Street
Carson City, NV 89712

Samples Indicated: 7
Reg. Samples Analyzed: 7
Split Layers Analyzed: 12

Job Site / No. Charleston Demo, 10 Del Amo
61010

Report No. **145683**
Date Submitted: Oct-04-21
Date Reported: Oct-13-21

SAMPLE ID	ASBESTOS %	ASBESTOS TYPE	OTHER DATA (1) Non-Asbestos Fibers (2) Matrix Materials (3) Date/Time Collected (4) Date Analyzed	DESCRIPTION FIELD	DESCRIPTION LAB
DW-13. Split A Lab ID # 9092-00070-005A		**None Detected**	1) 1-5% Cellulose 2) 95-99% Calc, Gyp, Paint, Other m.p. 3) 4) Oct-13-21	Drywall, Orange Peel(Tan)-South Master Bedroom Wall	Texture-White
DW-13. Split B Lab ID # 9092-00070-005B	**1-5%**	**Chrysotile**	1) 1-5% Cellulose 2) 90-98% Calc, Gyp, Other m.p. 3) 4) Oct-13-21	Drywall, Orange Peel(Tan)-South Master Bedroom Wall	Mud-White
DW-13. Split C Lab ID # 9092-00070-005C		**None Detected**	1) 11-25% Cellulose,Fiberglass 2) 75-89% Gyp, Other m.p. 3) 4) Oct-13-21	Drywall, Orange Peel(Tan)-South Master Bedroom Wall	Drywall-White/Tan
DW-14. Split A Lab ID # 9092-00070-006A		**None Detected**	1) 1-5% Cellulose 2) 95-99% Calc, Gyp, Paint, Other m.p. 3) 4) Oct-13-21	Drywall, Orange Peel(Tan)-North G-B-1 Wall	Texture-White
DW-14. Split B Lab ID # 9092-00070-006B	**1-5%**	**Chrysotile**	1) 1-5% Cellulose 2) 90-98% Calc, Gyp, Other m.p. 3) 4) Oct-13-21	Drywall, Orange Peel(Tan)-North G-B-1 Wall	Mud-White
DW-14. Split C Lab ID # 9092-00070-006C		**None Detected**	1) 11-25% Cellulose,Fiberglass 2) 75-89% Gyp, Other m.p. 3) 4) Oct-13-21	Drywall, Orange Peel(Tan)-North G-B-1 Wall	Drywall-White/Tan
DW-15. Split A Lab ID # 9092-00070-007A		**None Detected**	1) 1-5% Cellulose 2) 95-99% Calc, Gyp, Paint, Other m.p. 3) 4) Oct-13-21	Drywall, Orange Peel(Tan)-West Master Bedroom Wall	Texture-White
DW-15. Split B Lab ID # 9092-00070-007B	**1-5%**	**Chrysotile**	1) 1-5% Cellulose 2) 90-98% Calc, Gyp, Other m.p. 3) 4) Oct-13-21	Drywall, Orange Peel(Tan)-West Master Bedroom	Mud-White
DW-15. Split C Lab ID # 9092-00070-007C		**None Detected**	1) 11-25% Cellulose,Fiberglass 2) 75-89% Gyp, Other m.p. 3) 4) Oct-13-21	Drywall, Orange Peel(Tan)-West Master Bedroom	Drywall-White/Tan
Lab ID #			1) 2) 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

Nevada Department of Transportation
1263 S. Stewart St
Carson City, NV 89701

Survey Data

Inspectors: [redacted]/Robert Piekarz	Project Name: CHARLESTON DEMO	Project Number: 61010	Date Sampled: 9/27
Phone: 775-888-7892 Fax: 775-888-7104	Project Location: 10 DEL AMO	Analysis Type: Abestos	Air (Bulk)
Turn-A-Round Time: Rush 24 Hour (2 Day)	Requests: EMAIL Verbals Fax	Test to First Positive: (Yes) No	

Lab #	Sample ID	Material Description	Sample Location	Location of Materials	Quantity	Condition	Friable	Asbestos %
1	1 DW-1	UNCOATED DRYWALL	NORTH SIDE GARAGE	GARAGE		G	N	
2	2 DW-2	" "	SOUTH SIDE GARAGE	" "		G	N	
3	3 DW-3	" "	EAST SIDE GARAGE	" "		D	N	
4	4 FB-4	FIRE BRICK	INSIDE FIRE PLACE	FIREPLACE INT.		G	N	
5	5 VT-5	VINYL TILE CREAM- PATTERNED	ENTRY WAY	ENTRY WAY & ENTRY CLOSET	445F	G	N	
6	6 VT-6	VINYL TILE - RED BRICK PATTERN	" "	" " + GB-2 CLOSET	565F	G	N	
7	7 VT-7	VINY TILE - CREAM ROCK PATTERN	GB-1 SOUTH SIDE	GB-1, GB-2	288 SF	G	N	
8	8 DW-8	TAN PAINTED DRYWALL } NO ORANGE PEEL	KITCHEN CEILING	KITCHEN AND DINING ROOM		G	N	
9	9 DW-9	" "	WEST DINING ROOM WALL	" "		G	N	
10	10 DW-10	" "	SOUTH DINING ROOM WALL	" "		G	N	

Comments/Additional Information GB - GUEST BEDROOM

MATERIAL			CONDITION	UNITS	ASBESTOS %
PFI - Pipe Fitted Insulation	VT - Vinyl Tile	GA - Gasket	G - Good	LF - Linear Feet	A - Asmosite Asbestos
PRI - Pipe Run Insulation	M - Mastic	D - Debris	D - Damaged	SF - Square Feet	C - Chrysotile Asbestos
DI - Duct Insulation	CBM - Cove Base Mastic	TSI - Thermal System	SD - Significant Damage	CF - Cubic Feet	NDA - No Asbestos Detected
TI - Tank Insulation	AT - Acoustical Tile	Insulation			Assumed ACM - No Samples Taken
EJ - Expansion Joint	SA - Spray Acoustic	R - Roof			
BI - Boiler Insulation	W- Wall	DW - Drywall			
	P - Plaster	JC - Joint Compound			

Relinquished By: [redacted]	Relinquished By: _____	Relinquished By: _____
Date/Time : 9/29/21 09:30	Date/Time : 9/29/21 10:00AM	Date/Time : _____
Received By: _____	Received By: Andrew Strowd	Received By: _____

Nevada Department of Transportation
1263 S. Stewart St
Carson City, NV 89701

Survey Data

Inspectors: [redacted]/Robert Piekarz	Project Name: CHARLESTO DEMO	Project Number: 61010	Date Sampled: 9/27
Phone: 775-888-7892 Fax: 775-888-7104	Project Location: 10 DEL AMO	Analysis Type: Abestos Air (Bulk)	
Turn-A-Round Time: Rush 24-Hour ~~2 Day~~	Requests: EMAIL Verbals Fax	Test to First Positive: (Yes) No	

Lab #	Sample ID	Material Description	Sample Location	Location of Materials	Quantity	Condition	Friable	Asbestos %
11	1 DW-11	TAN DRY WALL - ORANGE PEEL	EAST LIVING ROOM WALL	HOUSE INTERIOR - KITCHEN & D.R.		G	N	
12	2 DW-12	" "	WEST LIVING ROOM WALL	" "		G	N	
13	3* DW-13	RED DRYWALL & O.P. MASTER BEDROOM	SOUTH MASTER BEDROOM WALL	MASTER BED * ROOM - DIFF. PAINT		G	N	
14	4 DW-14	TAN DRYWALL - ORANGE PEEL	NORTH G.B-1 WALL	HOUSE INTERIOR - KITCHEN & D.R		G	N	
15	5 DW-15	" "	WEST MASTER BATHROOM WALL	" "		G	N	
16	6 SA-16	SPRAY ACOUSTIC CEILING	D.R CEILING	THROUGOUT HOUSE - BATHROOMS AND KITCHEN		G	Y	
17	7 SA-17	" "	LIVING ROOM CEICING	" "		G	Y	
18	8 SA-18	" "	HALLWAY CEILING	" "		G	Y	
19	9 SA-19	" "	MASTER BEDROOM CEILING	" "		G	Y	
20	10 SA-20	" "	G.B-2 CEICING	" "		G	Y	

Comments/Additional Information D.R. - DINING ROOM, G.B. - Guest Bedroom, * SAME ORANGE PEEL & DRYWALL AS INTERIOR HOUSE

MATERIAL			CONDITION	UNITS	ASBESTOS %
PFI - Pipe Fitted Insulation	VT - Vinyl Tile	GA - Gasket	G - Good	LF - Linear Feet	A - Asmosite Asbestos
PRI - Pipe Run Insulation	M - Mastic	D - Debris	D - Damaged	SF - Square Feet	C - Chrysotile Asbestos
DI - Duct Insulation	CBM - Cove Base Mastic	TSI - Thermal System	SD - Significant Damage	CF - Cubic Feet	NDA - No Asbestos Detected
TI - Tank Insulation	AT - Acoustical Tile	Insulation			Assumed ACM - No Samples Taken
EJ - Expansion Joint	SA - Spray Acoustic	R - Roof			
BI - Boiler Insulation	W- Wall	DW - Drywall			
	P - Plaster	JC - Joint Compound			

Relinquished By: [signature]
Date/Time : 9/29/21 09:30
Received By: _____

Relinquished By: _____
Date/Time : _____
Received By: _____

Relinquished By: _____
Date/Time : _____
Received By: _____

Gmail Andrew Stroud <asbestostemlabs.nv@gmail.com>

PLM Report 145590 for Charleston Demo 10 Delamo 61010

3 messages

Andrew Stroud <asbestostemlabs.nv@gmail.com> Fri, Oct 1, 2021 at 8:00 AM
To: rpiekarz@dot.nv.gov
Bcc: Greg Hanes <greg.atem@gmail.com>

--

Thank you very much for using ATEM Laboratories.

ASBESTOS TEM

ATEM Laboratories, Inc.
1350 Freeport Blvd #104, Sparks, NV 89431
P: (775) 359-3377
E: asbestostemlabs.nv@gmail.com
| WEBSITE | FACEBOOK | TWITTER | LINKEDIN | YELP

145590_ 9092_PLM-Rpt_61010.pdf
642K

Piekarz, Robert <RPiekarz@dot.nv.gov> Fri, Oct 1, 2021 at 10:18 AM
To: Andrew Stroud <asbestostemlabs.nv@gmail.com>

Andrew,
Can I get a point count on all samples with a <1% asbestos detect?

> On Oct 1, 2021, at 8:00 AM, Andrew Stroud <asbestostemlabs.nv@gmail.com> wrote:
>
> [Quoted text hidden]
> <145590_ 9092_PLM-Rpt_61010.pdf>

Piekarz, Robert <RPiekarz@dot.nv.gov> Fri, Oct 1, 2021 at 12:40 PM
To: Andrew Stroud <asbestostemlabs.nv@gmail.com>

Also, I know I said sample to first positive, but could we also analyze the remaining drywall samples?Specifically, the samples with the DW prefix.

Thanks.

> On Oct 1, 2021, at 8:00 AM, Andrew Stroud <asbestostemlabs.nv@gmail.com> wrote:

Appendix C
Paint Sample(s)
Analytical Results

Alpha Analytical, Inc.
255 Glendale Ave, #21
Sparks, Nevada 89431
TEL: (775) 355-1044 FAX: (775) 355-0406
Website: www.alpha-analytical.com

September 30, 2021

Robert Piekarz
Nevada DOT Environmental (NDOT)
1263 S. Stewart St.
Carson City, NV 89712
TEL: (775) 888-7692
FAX: (775) 888-7104

RE: 10 Del Amo demo

Order No.: NDO2109445

Dear Robert Piekarz:

The result of this report apply to the sample(s) as received.

There were no problems with the analytical events associated with this report unless noted.

Quality control data is within laboratory defined or method specified acceptance limits except if noted.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Randy Gardner

Laboratory Manager

255 Glendale Ave, #21
Sparks, Nevada 89431

ALPHA ANALYTICAL INC.

Alpha Analytical, Inc.
255 Glendale Ave, #21
Sparks, Nevada 89431
TEL: (775) 355-1044 FAX: (775) 355-0406
Website: www.alpha-analytical.com

Analytical Report

WO#: **NDO2109445**
Report Date: **9/30/2021**

CLIENT: Nevada DOT Environmental (NDOT)
Collection Date: 9/27/2021 10:00:00 AM
Project: 10 Del Amo demo
Lab ID: 2109445-01
Matrix: OTHER
Client Sample ID: House Trim

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Lead (Pb)	59	1.0		mg/Kg	9/30/2021	Metals by EPA 6020

Alpha Analytical, Inc.
255 Glendale Ave, #21
Sparks, Nevada 89431
TEL: (775) 355-1044 FAX: (775) 355-0406
Website: www.alpha-analytical.com

Analytical Report

WO#: **NDO2109445**
Report Date: **9/30/2021**

CLIENT: Nevada DOT Environmental (NDOT)
Collection Date: 9/27/2021 12:00:00 PM
Project: 10 Del Amo demo
Lab ID: 2109445-02
Matrix: OTHER
Client Sample ID: Garage Ceiling

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Lead (Pb)	85	1.0		mg/Kg	9/30/2021	Metals by EPA 6020

ALPHA ANALYTICAL INC.

Alpha Analytical, Inc.
255 Glendale Ave, #21
Sparks, Nevada 89431
TEL: (775) 355-1044 FAX: (775) 355-0406
Website: www.alpha-analytical.com

QC SUMMARY REPORT

WO#: **2109445**

30-Sep-21

Client: Nevada DOT Environmental (NDOT)

Project: 10 Del Amo demo **TestCode:** **METALS_SO**

Sample ID: **MB-13992** SampType: **MBLK** TestCode: **METALS_SO** Units: **mg/Kg**
Client ID: **PBS** Batch ID: **13992** TestNo: **E200.8**
Prep Date: **9/28/2021** RunNo: **12738** SeqNo: **355404**
Analysis Date: **9/29/2021**

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead (Pb)	ND	1									

Sample ID: **LCS-13992** SampType: **LCS** TestCode: **METALS_SO** Units: **mg/Kg**
Client ID: **LCSS** Batch ID: **13992** TestNo: **E200.8**
Prep Date: **9/28/2021** RunNo: **12738** SeqNo: **355405**
Analysis Date: **9/29/2021**

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead (Pb)	49.6	1	50	0	99.3	79.51	120.49				

Sample ID: **2109308-01AMSD** SampType: **MSD** TestCode: **METALS_SO** Units: **mg/Kg-dry**
Client ID: **BatchQC** Batch ID: **13992** TestNo: **E200.8**
Prep Date: **9/28/2021** RunNo: **12738** SeqNo: **355408**
Analysis Date: **9/29/2021**

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead (Pb)	122	2.17	108.664	0	112	69.51	130.49	104	15	20	

Sample ID: **2109308-01AMS** SampType: **MS** TestCode: **METALS_SO** Units: **mg/Kg-dry**
Client ID: **BatchQC** Batch ID: **13992** TestNo: **E200.8**
Prep Date: **9/28/2021** RunNo: **12738** SeqNo: **355407**
Analysis Date: **9/29/2021**

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead (Pb)	104	2.17	108.664	0	96.2	69.51	130.49				

Qualifiers:

B	Analyte detected in the associated Method Blank
ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits

ALPHA ANALYTICAL INC.

Alpha Analytical, Inc.
255 Glendale Ave, #21
Sparks, Nevada 89431
TEL: (775) 355-1044 FAX: (775) 355-0406
Website: www.alpha-analytical.com

Definition Only

WO#: **2109445**

Date: **9/30/2021**

Definitions:

ND = Not Detected

C = Reported concentration includes additional compounds uncharacteristic of common fuels and lubricants.

D = Reporting Limits were increased due to high concentrations of non-target analytes.

H = Reporting Limits were increased due to the hydrocarbons present in the sample.

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

K = DRO concentration may include contributions from lighter-end hydrocarbons (e.g. gasoline) that elute in the DRO range.

L = DRO concentration may include contributions from heavier-end hydrocarbons (e.g. motor oil) that elute in the DRO range.

O = Reporting Limits were increased due to sample foaming.

V = Reporting Limits were increased due to high concentrations of target analytes.

X = Reporting Limits were increased due to sample matrix interferences.

Z = DRO concentration may include contributions from lighter-end (e.g. gasoline) and heavier-end (e.g. motor oil) hydrocarbons that elute in the DRO range.

S50 = The analysis of the sample required a dilution such that the surrogate concentration was diluted below the laboratory acceptance criteria. The laboratory control sample was acceptable.

S51 = Surrogate recovery could not be determined due to the presence of co-eluting hydrocarbons.

S52 = Surrogate recovery was above laboratory acceptance limits. Probable matrix effect.

S53 = Surrogate recovery was below laboratory acceptance limits. Probable matrix effect.

S54 = Surrogate recovery was below laboratory acceptance limits.

S55 = Surrogate recovery was above laboratory acceptance limits.

Report CC's Robert Piekarz

WORKORDER SUMMARY

NV

RUSH

Alpha Analytical, Inc.

255 Glendale Ave, #21 Sparks, Nevada 89431

TEL: (775) 355-1044 FAX: (775) 355-0406

WorkOrder: NDO2109445
Report Due By: 01-Oct-21
EDD Required: NO

Report Attention: Robert Piekarz

Client:
Nevada DOT Environmental (NDOT)
1263 S. Stewart St.
Carson City, NV 89712

TEL: 7758887692
FAX: 7758887104
ProjectNo: 10 Del Amo demo

Date Received: 29-Sep-21

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles Alpha	Sub	TAT	Requested Tests METALS_SO							Sample Remarks
NDO2109445-01	House Trim	OTHER	9/27/2021 10:00:00 AM	1	0	2	A - Pb							
NDO2109445-02	Garage Ceiling	OTHER	9/27/2021 12:00:00 PM	1	0	2	A - Pb							

Comments: 48 HR TAT. Paint Chips

	Signature	Print Name	Company	Date/Time
Logged in by:	Haylu Tilton	Haylu Tilton	Alpha Analytical, Inc.	9/29/21 0944

NOTE: Samples are discarded 60 days after sample receipt unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

Billing Information:

Company: Nevada Department of Transportation
Attn: Robert Piekarz
Address: 1263 South Stewart
City, State, Zip: Carson City, NV 89712
Phone Number: 775-888-7692 Fax: 775-888-7104

ALPHA ANALYTICAL INC.

Alpha Analytical, Inc.

Main Laboratory: 255 Glendale Ave, Suite 21 Sparks, NV 89431 Phone: 775-355-1044 Fax: 775-355-0406

Satellite Service Centers:

Northern CA: 9891 Horn Road, Suite C, Rancho Cordova, CA 95827 Phone: 916-366-9089
Southern NV: 6255 McLeod Ave, Suite 24, Las Vegas, NV 89120 Phone: 702-736-7522
Southern CA: 1007 E. Dominguez St., Suite O, Carson, CA 90746 Phone: 310-803-7761

Consultant/ Client Info:

Company: As above
Address:
City, State, Zip:

Job and Purchase Order Info:

Job #: N.A.
Job Name: 10 Del Amo demo
P.O. #:

Report Attention/Project Manager:

Name: Robert Piekarz
Email Address: rpiekarz@dot.nv.gov
Phone #: 775-888-7692
Cell #:

QC Deliverable Info:

EDD Required? Yes / No EDF Required? Yes / No
Global ID:
Data Validation Level: III or IV

Samples Collected from which State? (circle one) AZ CA NV WA ID OR DOD Site Other

Time Sampled (HHMM)	Date Sampled (MM/DD)	Matrix* (See Key Below)	Lab ID Number (For Lab Use Only)	Sample Description	TAT	Field Filtered?	# Containers** (See Key Below)	Analysis Requested: Lead, totals	Remarks
10:00	9/27	OT	ND02109445-01	House Trim	STD	No	1-OT	X	
12:00	9/27	OT	02	Garage Ceiling	STD	No	1-OT	X	
					48hr.				

ADDITIONAL INSTRUCTIONS:

I (field sampler) attest to the validity and authenticity of this sample(s). I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. NAC 445.0636 (c) (2).

Sampled By: RP

Relinquished by: (Signature/Affiliation)	Date:	Time:	Received by: (Signature/Affiliation)	Date:	Time:
NDOT	9/29/21	9:25		9/29/21	9:25

* Key: AQ - Aqueous WA - Waste OT - Other **: L - Liter V - VOA S-Soil Jar O - Orbo T - Tedlar B - Brass P - Plastic OT - Other

NOTE: Samples are discarded 60 days after sample receipt unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.

Appendix D

Inspector Certifications and Licenses

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

Certifies That Robert Piekarz
State of Nevada-DOT
is Licensed As Asbestos Abatement Consultant

License No. IJ-1049 Expiration Date 11/24/2021

Signature Of Licensee

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

Certifies That Robert Piekarz
State of Nevada-DOT
is Licensed As Asbestos Abatement Consultant

License No. IJ-1049 Expiration Date 11/24/2021

Signature Of Licensee

M & C Environmental Training

Asbestos Inspector

Refresher Training Course

Robert Piekarz

Has successfully completed the Asbestos Inspector Refresher course approved by the California Division of Occupational Safety and Health for purposes of certification required by Title 8, Article 2.7, Chapter 3.2, Section 341.16 and the accreditation required under the Toxic Substances Control Act, Title II. Conducted by M&C Environmental Training Inc., P.O. Box 6419, Concord, California Tel. # (510 499-5646

Course Approval Number: CA-003-06

Location:	**Concord, California**	**Expiration: November 24, 2021**
Dates:	**November 24, 2020**	
Director of Training: John McGinnis		

Certificate Number **48309 IR**

M & C Environmental Training

Asbestos Management Planner

Refresher Training Course

Robert Piekarz

Has successfully completed the Asbestos Management Planner Refresher course approved by the California Division of Occupational Safety and Health for purposes of certification required by Title 8, Article 2.7, Chapter 3.2, Section 341.16 and the accreditation required under the Toxic Substances Control Act, Title II. Conducted by M&C Environmental Training Inc., P.O. Box 6419, Concord, California. Tel. # (510) 499 - 5646

Course Approval Number: CA-003-08

Location:	**Concord, California**	**Expiration: November 24, 2021**
Dates:	**November 24, 2020**	
Director of Training: John McGinnis		

Certificate Number **48327 PR**