

**STEWART OLD GYM – BUILDING 20
ABESTOS & LEAD PAINT ABATEMENT
5500 SYNDER
CARSON CITY, NEVADA
SPWD PROJECT NO. 17-C09 -2**

GENERAL

State of Nevada Public Works Division (SPWD) and Buildings & Grounds (B&G) are requesting bids to abate asbestos flooring and lead paint located in the original gym building. These materials are in poor condition and need to be addressed so additional work can be conducted on the building.

This project is part of a larger project and prevailing wage is required.

The building is currently not in use and there are no utilities in the building.

The work includes debris removal with asbestos flooring imbedded, asbestos flooring abatement, Piping TSI removal, peeling lead based paint removal, and plaster removal with lead based paint.

ENGINEER is State Public Work Division (SPWD).

CONSTRUCTION INSPECTOR: State Public Works Division (SPWD)

OWNER: Buildings and Grounds

JOB WALK: The mandatory job walk will be coordinated with potential bidders. If you need directions to the project site, please contact Ken Scarbrough 775-720-0473.

CONTRACT DAYS: 21 Calendar days

DESCRIPTION OF WORK

The following tasks are to be performed to complete the building clean up.

SUBMITTALS

The Contractor is required to provide the following submittals to SPWD prior to mobilization.

- Schedule
- Disposal facility.
- Contractor field personnel Contact Numbers.

PERMITS

SPWD will issue a Notice to Proceed to initiate the start of the project.

SAFETY

The Contractor shall be fully responsible, and shall take all precautions, for safety with relation to the asbestos and lead paint abatement.

SITE ACCESS

The Old Gym is located in the Stewart Indian Colony complex - southeast corner of Gibson Ave and Wa-Pai Shone Ave. There is adequate parking around the building.

The Building has three access points. The north wall has wood panels that can be removed. The west and east doors are standard store fronts. Once the north door wood panels are removed the opening is approximately 5 feet wide.

WORK SCHEDULE PROJECT UPDATES, Bi-WEEKLY MEETINGS

The Contractor will provide SPWD a proposed schedule upon award of the contract.

WORK HOURS

The subject building is located in the Stewart Indian Colony and the Contractor can work 5 days a week from 7:00am to 4:30pm. Contractor is not permitted to work weekends or State holidays

UNDERGROUND LINE LOCATION

This project does not include digging; therefore underground line location is not required.

MOBILIZATION/DEMobilIZATION

Mobilization/Demobilization includes: project coordination/setup, transportation of all personnel and equipment to and from the site, utilities, abatement and construction debris removal, disposal, daily site cleanup, and final site restoration.

SITE CONDITIONS AT START OF PROJECT

The Building will be vacant at the time of the Notice to Proceed.

SALVAGE

The metal radiators are to remain in the building. They can be moved to conduct the work and they do not have to be re-connected.

FENCING

The extent of this work should not require fencing. However, the Contractor is required to secure the site from the general public.

UTILITIES

The building has NO active utilities.

- Electricity: The building has no power. The Contractor can use generators or there is a State Building located approximately 500 feet to the east that power could be provided. Contractor to conduct all modifications to connect to and materials to provide power to the project site.

- Water: The Building has no water. The closest water is a fire hydrant across the street and to the west (approximately 300 feet). This is a city water source and the Contractor is to contact the City for requirements and to pay to use the water. The two water hydrants (old style) directly east and west of the building are not in service and are not to be used. The Contractor can use our maintenance building as a water source for portable water. This building is located on the campus but is approximately 0.5 miles away.

CONSTRUCTION DEBRIS REMOVAL

The flooring removal areas have several old book cases and miscellaneous items that can be disposed of as general construction debris. The Contractor is to inspect the area and determine what can be considered non-asbestos and dispose as general construction debris.

ASBESTOS ABATEMENT

The asbestos flooring is to be abated. See sheet 1. The ceramic tile floors are to remain. It should be noted that there are several areas that the flooring to be removed is under large volume of debris. The Contractor is responsible for the debris removal and disposal.

PLASTER CEILING ABATEMENT

The plaster ceilings in the two single story sections (Sheet 2) are to be removed. The plaster does not contain asbestos but has lead based paint. The Contractor is to remove and dispose of the ceiling. The work includes the removal of the wire and nails. It should be noted that some of the joist are in poor condition. All joist are to remain.

TSI ABATEMENT

The gym area was originally equipped with ceiling heaters using a hot water piping system. The work includes the abatement of the asbestos TSI. The Contractor can remove the pipe and dispose of the pipe and TSI as a unit. The heaters can remain in place.

LEAD PAINT REMOVAL/ABATEMENT

The work includes the removal of the peeling lead based paint. This is not a complete lead based paint removal. The Contractor is to remove the loose/peeling paint.

- Peeling paint in the single story section walls are to be removed.
- All peeling paint in the gym area is to be addressed below the mezzanine.
- The peeling paint on the wall above the north wall bleacher area is also to be addressed.
- The bleachers and the staircases are not required to have the loose paint removed

LEAD PAINT MISCELLANEOUS WALL CUTS/REMOVALS

Attached is a set of drawings that identifies the location and size of the 6 additional wall cuts required to expose the metal building structural connections points. These locations all have lead based paint.

SITE RESTORATION

Site restoration is to include the following items:

- All Construction debris is to be removed from the flooring.
- All doors are to be re-secured and lockable.
- If the construction equipment leaves tire tracks deeper than 1 inch during this work they are to be leveled during the demobilization.



Converse Consultants

Geotechnical Engineering, Environmental & Groundwater Science, Inspection & Testing Services

POLARIZED LIGHT MICROSCOPY ANALYSIS REPORT

Client:	STATE PUBLIC WORKS BOARD 515 E. MUSSEY ST., STE 102 CARSON CITY, NEVADA 89701	Date Received:	7/22/2017
Contact:	KEN SCARBROUGH	Date Analyzed:	7/25/2017
Account:	NA	Date Reported:	7/25/2017
Project Number:	17-24123-01	Reported To:	KEN SCARBROUGH
		Submitted By:	Hand
		Report No.:	71-242985

Old Gym Building 20
Stewart

I certify that these results are accurate for the samples obtained and comply with accepted methods of analysis.

Analyzed and Reviewed by, Juanita Carlson

RESULTS LAB SAMPLE # LAB DESCRIPTION	CLIENT SAMPLE #	PERCENTAGE AND TYPE OF ASBESTOS	PERCENTAGE FIBROUS NON-ASBESTOS	PERCENTAGE NON-FIBROUS MATERIAL	I-INHOMOGENEOUS H-HOMOGENEOUS F-FIBROUS NF-NONE FIBROUS
242985 Cream Plaster	C-1	None Detected	<1 Cellulose Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers Cork	20 Binders Carbonate Binders Organic Binders Sulfate Binders 5 Aggregate Diatoms 40 Gypsum Mica 25 Mineral Cleavages Paint 10 Perlite Vermiculite	I F # Of Layers
242986A Grey Flooring	F-2A	3-5 Chrysotile	Cellulose Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers Cork	Binders 35 Carbonate Binders 45 Organic Binders Sulfate Binders Aggregate Diatoms Gypsum Mica 15 Mineral Cleavages Paint Perlite Vermiculite	I F # Of Layers
242986B Black Mastic	F-2B	>1-3 Chrysotile	<1 Cellulose Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers Cork	Binders 15 Carbonate Binders 67 Organic Binders Sulfate Binders Aggregate Diatoms Gypsum Mica 15 Mineral Cleavages Paint / Ink Perlite Vermiculite	I F # Of Layers

RESULTS LAB SAMPLE # LAB DESCRIPTION	CLIENT SAMPLE #	PERCENTAGE AND TYPE OF ASBESTOS	PERCENTAGE FIBROUS NON-ASBESTOS	PERCENTAGE NON-FIBROUS MATERIAL	I-INHOMOGENEOUS H-HOMOGENEOUS F-FIBROUS NF-NONE FIBROUS
242987A Tan Flooring	F-3A	>1-3 Chrysotile	Cellulose Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers Cork	Binders 40 Carbonate Binders 47 Organic Binders Sulfate Binders Aggregate Diatoms Gypsum Mica 10 Mineral Cleavages Paint Perlite Vermiculite	I F # Of Layers
242987B Tan Mastic	F-3B	None Detected	<1 Cellulose Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers Cork	Binders 15 Carbonate Binders 70 Organic Binders Sulfate Binders Aggregate Diatoms Gypsum Mica 10 Mineral Cleavages 5 Pigment Perlite Vermiculite	I F # Of Layers
242987C Blue/Grey Flooring	F-3C	None Detected	<1 Cellulose Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers Cork	70 Binders Carbonate Binders Organic Binders Sulfate Binders Aggregate Diatoms Gypsum Mica 20 Mineral Cleavages 10 Pigment Perlite Vermiculite	I F # Of Layers
242988A Brown Wood Flooring	F-4A	None Detected	Cellulose Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite 70 Wood Fibers Cork	Binders Carbonate Binders 20 Organic Binders Sulfate Binders Aggregate Diatoms Gypsum Mica 10 Mineral Cleavages Paint / Ink Perlite Vermiculite	I F # Of Layers
242988B Black Mastic	F-4B	None Detected	<1 Cellulose Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers Cork	Binders Carbonate Binders 90 Organic Binders Sulfate Binders Aggregate Diatoms Gypsum 5 Mica Mineral Cleavages 5 Paint / Ink Perlite Vermiculite	I F # Of Layers

RESULTS LAB SAMPLE # LAB DESCRIPTION	CLIENT SAMPLE #	PERCENTAGE AND TYPE OF ASBESTOS	PERCENTAGE FIBROUS NON-ASBESTOS	PERCENTAGE NON-FIBROUS MATERIAL	I-INHOMOGENEOUS H-HOMOGENEOUS F-FIBROUS NF-NONE FIBROUS
242989A Black Flooring Material	F-5A	None Detected	30 Cellulose Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers Cork	55 Binders Carbonate Binders Organic Binders Sulfate Binders Aggregate Diatoms Gypsum Mica 15 Mineral Cleavages Paint / Ink Perlite Vermiculite	I F # Of Layers
242989B Black Mastic	F-5B	None Detected	<1 Cellulose Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers Cork	90 Binders Carbonate Binders Organic Binders Sulfate Binders Aggregate Diatoms Gypsum Mica Mineral Cleavages 10 Paint / Ink Perlite Vermiculite	I F # Of Layers
242990 Black Flooring Material	F-6	None Detected	30 Cellulose Glass Fibers Animal Fibers <1 Mineral Wool Processed Paper 5 Synthetic Fiber Talc Wollastonite Wood Fibers Cork	50 Binders Carbonate Binders Organic Binders Sulfate Binders Aggregate Diatoms Gypsum Mica 15 Mineral Cleavages Paint / Ink Perlite Vermiculite	I F # Of Layers
242991A Cream Flooring	F-7A	>1-3 Chrysotile	<1 Cellulose Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers Cork	35 Binders Carbonate Binders 47 Organic Binders Sulfate Binders Aggregate Diatoms Gypsum Mica 15 Mineral Cleavages Paint / Ink Perlite Vermiculite	I F # Of Layers
242991B Tan Mastic	F-7B	None Detected	<1 Cellulose Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers Cork	10 Binders Carbonate Binders 70 Organic Binders Sulfate Binders Aggregate Diatoms Gypsum Mica 20 Mineral Cleavages Paint / Ink Perlite Vermiculite	I F # Of Layers

RESULTS LAB SAMPLE # LAB DESCRIPTION	CLIENT SAMPLE #	PERCENTAGE AND TYPE OF ASBESTOS	PERCENTAGE FIBROUS NON-ASBESTOS	PERCENTAGE NON-FIBROUS MATERIAL	I-INHOMOGENEOUS H-HOMOGENEOUS F-FIBROUS NF-NONE FIBROUS
242991C Black Mastic	F-7B	None Detected	<1 Cellulose Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers Cork	Binders 20 Carbonate Binders 60 Organic Binders Sulfate Binders Aggregate Diatoms Gypsum Mica 20 Mineral Cleavages Paint Perlite Vermiculite	I F # Of Layers
242992A Tan Flooring	F-8A	None Detected	<1 Cellulose Glass Fibers Animal Fibers 5 Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers Cork	Binders 25 Carbonate Binders 55 Organic Binders Sulfate Binders Aggregate Diatoms Gypsum Mica 15 Mineral Cleavages Paint Perlite Vermiculite	I F # Of Layers
242992B Black Mastic	F-8B	5-15 Chrysotile	<1 Cellulose Glass Fibers Animal Fibers <1 Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers Cork	Binders Carbonate Binders 75 Organic Binders Sulfate Binders Aggregate Diatoms Gypsum Mica 10 Mineral Cleavages Paint / Ink Perlite Vermiculite	I F # Of Layers
242993 Cream Drywall	W-9	None Detected	10 Cellulose 1% Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers Cork	Binders 4 Carbonate Binders Organic Binders Sulfate Binders Aggregate Diatoms 65 Gypsum <1 Mica 20 Mineral Cleavages Paint / Ink Perlite Vermiculite	I F # Of Layers

Attached are the results of analysis of bulk samples submitted for asbestos identification. Converse Consultants follows EPA Method EPA/600/R-93/116, July 1993 and EPA/600/M4-82-020, December 1982.

Each sample was initially examined under a stereoscopic microscopic at a magnification of 10x to 60x. Fibrous material was examined for morphology and content. Portions of each sample were immersed in a fluid with a known refractive index. The sample was examined under polarized light using a Olympus BHT PLM microscope with a McCrone Dispersion Staining objective under 100X magnification. Optical characteristics of the fibrous material were examined to determine the mineralogy of the fiber. The observed optical characteristics include angles of extinction, signs of elongation and dispersion staining colors. Asbestos fiber content is estimated by optically comparing the quantity of asbestos material and non-asbestos material to establish estimated percentages. Per the method, samples with distinct layers or inhomogenous character have each layer analyzed separately and reported as individual layers. (I – Inhomogeneous, H – Homogeneous, F – Fibrous, NF – Non-Fibrous)

Bulk sampling may not have been performed by Converse Consultants personnel. No warranty is made as to the acceptability of sampling strategies.

Converse Consultants is National Voluntary Laboratory Accreditation Program accredited. Our NVLAP Lab Code: 102091-0. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. This report must not be reproduced except in full without the approval of the laboratory. This report relates only to the items tested.

SURVEY DATA

NAME: State of Nevada Public Works Board
 ADDRESS: 515 E. Musser
 CITY, STATE, ZIP: Carson City, NV 89701

EMAIL: kscarbrough@admin.nv.gov

PROJECT NO. 17-24103-01

Date Sampled: 8/21-17

Contact: Ken Scarbrough
 Phone: 725-700-0473
 Project Location: Old Gym Bldg 20
 Client Contact: S. Stewart

Special Instructions:

Turn-Around Time: (Circle) RUSH 24 Hours

2 Days

Requested: Verbal

Fax Email

Test to First Positive: YES / NO

Analysis Type: Asbestos Air Bulk
 (please circle) Lead Air Bulk
 Other

LAB #	SAMPLE #	MATERIAL DESCRIPTION	SAMPLE LOCATION	LOCATION OF MATERIAL	QNTY	COND	FRI/ABL E YES/NO	COMMENTS	ASBESTOS %
242985	C-1	Top Plaster	Worst Room						
242986	E-2	Top VET 9x9	Southwest Room						
242987	E-3	Top VET 12x12	Entrance						
242988	E-4	Top Wood 9x9	Mastic S						
242989	E-5	Top Wood 9x9	F-14						
242990	E-6	Top Wood 9x9	F-14						
242991	E-7	Top VET 12x12	East Mud						
242992	E-8	Entrance debris VET							
242993	W-9	Top Slat Track							
242994	B-10	Panel Top							

MATERIAL

CONDITION

UNITS

ASBESTOS %

- PT - Pipe Fitting Insulation
- PI - Pipe Run Insulation
- DI - Duct Insulation
- TI - Tank Insulation
- EI - Expansion Joint
- BI - Boiler Insulation
- P - Plaster
- VT - Vinyl Tile
- M - Mastic
- CBM - Cove Base Mastic
- AT - Acoustic Tile
- SA - Spray Acoustic
- W - Wall
- JC - Joint Compound
- GA - Gasket
- D - Debris
- CBM - Cove Base Mastic
- TSI - Thermal System Insulation
- R - Roof
- DMW - Drywall
- JC - Joint Compound

- G - Good (No Maintenance is required currently)
- D - Damaged (Some repair Needed)
- SD - Significantly Damaged (Repair or replace ASAP)

- LF - Linear Feet
- SF - Square Feet
- CF - Cubic Feet

- A - Amosite Asbestos
- C - Chrysotile Asbestos
- NDA - No Asbestos Detected

Relinquished By: [Signature] Date/Time: _____
 Received By: _____ Date/Time: _____



LA Testing

5431 Industrial Drive, Huntington Beach, CA 92649

Phone/Fax: (714) 828-4999 / (714) 828-4944

<http://www.LATesting.com>

gardengrovelab@latesting.com

LA Testing Order: 331716584

CustomerID: CVNV42

CustomerPO:

ProjectID:

Attn: **Lynn Minedew**
Converse Consultants
4840 Mill St
Ste 5
Reno, NV 89502

Phone: (775) 856-3833

Fax:

Received: 08/23/17 10:25 AM

Collected: 8/21/2017

Project: **Stewart Old Gym Bldg. 20/17.24123.01**

Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)*

<i>Client Sample Description</i>	<i>Collected</i>	<i>Analyzed</i>	<i>RDL</i>	<i>Lead Concentration</i>
W-10 331716584-0001	8/21/2017 Site: Old gym	8/24/2017	10000 ppm	45000 ppm

Michael Chapman, Laboratory Manager
or other approved signatory

*Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.010 % wt based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements unless specifically indicated otherwise. Definitions of modifications are available upon request.

Samples analyzed by LA Testing Huntington Beach, CA AIHA-LAP, LLC--ELLAP Accredited #101650, CA ELAP 1406

Initial report from 08/24/2017 15:52:48