



Converse Consultants

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

November 29, 2011

11-23705-01

Van Woert Bigotti Architects
1400 South Virginia Street, Suite C
Reno, Nevada 89502

Attention: Mr. John Tappan

Subject: Asbestos Renovation Survey – Addendum #1
Ioannis A. Lougaris VA Medical Center
VA – Canteen Relocation Project
1000 Locust Street – Building 1
Reno, Nevada

Dear Mr. Tappan:

Converse Consultants (Converse) is pleased to submit the results of the additional testing conducted at the aforementioned site on November 22, 2011. The testing was conducted for the purpose of including additional areas to the original scope of work. The additional areas consisted of the following:

- The Administrative Offices
- The Grounds Keeper Office
- The Corridor designated as C7.

Based on our understanding of the project, our scope of services consisted of a visual inspection, bulk sample collection of suspect asbestos-containing materials (ACMs), laboratory analysis, and the generation of this report. The purpose of this asbestos testing was to identify accessible friable and non-friable ACBMs that may require remediation prior to the planned Canteen Relocation Project. The construction scope of work, as described by the client is to consist of, but not be limited to, the removal of interior walls, ceilings and flooring materials. The evaluation was performed in accordance with your e-mail authorization to proceed on November 14, 2011.

The suspect ACMs identified and sampled during the course of our investigation consisted of:

- Skim Coat
- Plaster
- Cove Base Mastic
- Joint Taping Compound
- Drywall
- Gold Carpet Mastic
- Cream w/ Gray 12" x 12" Floor Tile
- Gold Floor Tile Mastic
- Acoustical Ceiling Tile

Following the visual portion of the survey, a total of twelve bulk samples were collected from areas representing the homogeneous use of suspect building materials. Polarized Light Microscopy (PLM) indicated the absence of asbestos in all of the materials tested. It is the opinion of Converse, based on the testing conducted, that no remediation of ACMs will be required in the additional remodel areas.

Information regarding the materials sampled/analyzed is identified in the attached laboratory report. The actual sample locations are identified on the attached site plan.

Converse is not responsible for any claims or damages associated with the interpretation of available information. This assessment should not be regarded as a guarantee that no further asbestos, beyond that which was suspected to be present (and sampled) during our investigation, is present at the property. In addition, asbestos is usually not distributed uniformly throughout a material, and Converse cannot guarantee that all areas sampled are exactly as represented throughout the entire facility. Other suspect materials may be uncovered that were previously hidden during renovation or demolition. Additional samples of these materials should be collected and analyzed for asbestos if this occurs.

Thank you for the opportunity to be of service. Should you have any questions or comments regarding this report, or if you require further assistance, please do not hesitate to call.

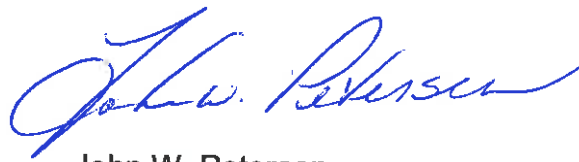
Respectfully submitted,

CONVERSE CONSULTANTS



Frank M. Reynolds III, Inspector
Nevada License No.: IJM-1248

Reviewed and Approved by:



John W. Petersen,
Senior Project Manager
Nevada License No.: IJPM-0575

JWP:FMR:jwp

Enclosures: Survey Data Sheets
Laboratory Report
Sample Location Diagram



Converse Consultants

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

POLARIZED LIGHT MICROSCOPY ANALYSIS REPORT

Client: CONVERSE CONSULTANTS
4840 MILL STREET, SUITE 5
RENO, NEVADA 89502
Contact: JOHN W. PETERSEN
Account: NA
Project Number: 11-23705-01

Date Received: 11/22/2011
Date Analyzed: 11/23/2011
Date Reported: 11/23/2011
Reported To: JOHN W. PETERSEN
Submitted By: Hand
Report No.: 71-193862
P.O. #: N/A

VAN WOERT BIGOTTI - TI CANTEEN RELOCATION ADDITION BUILDING 1 - GROUND FLOOR

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

Lab Manager, Dan R. Dolk

Analyst, Dan R. Dolk

RESULTS: LAB SAMPLE # LAB DESCRIPTION	CLIENT SAMPLE #	PERCENTAGE AND TYPE OF ASBESTOS	PERCENTAGE FIBROUS NON-ASBESTOS	PERCENTAGE NON-FIBROUS MATERIAL	I-HOMOGENEOUS H-HOMOGENEOUS F-FIBROUS NF-NONE FIBROUS
193862A White Skim Coat	W-01-A	None Detected	Cellulose Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers	40 Binders Carbonate Binders Organic Binders Sulfate Binders Aggregate Diatoms 30 Gypsum Mica 30 Mineral Cleavages Paint / Ink Perlite Vermiculite	I NF # Of Layers
193862B Grey Plaster	W-01-B	None Detected	5 Cellulose Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers	30 Binders Carbonate Binders Organic Binders Sulfate Binders 25 Aggregate Diatoms Gypsum Mica 40 Mineral Cleavages Paint / Ink Perlite Vermiculite	I F # Of Layers
193863A Cream Mastic	W-02-A	None Detected	Cellulose Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers	5 Binders Carbonate Binders 80 Organic Binders Sulfate Binders Aggregate Diatoms Gypsum Mica 15 Mineral Cleavages Paint / Ink Perlite Vermiculite	I NF # Of Layers

4840 Mill Street, Suite 5, Reno, Nevada 89502

Telephone: (775) 856-3833 ♦ Facsimile: (775) 856-3513 ♦ email: reno@converseconsultants.com

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
193863B Cream Joint Compound	W-02-B	None Detected	Cellulose Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers	Binders 80 Carbonate Binders Organic Binders Sulfate Binders Aggregate Diatoms Gypsum Mica 20 Mineral Cleavages Paint / Ink <1 Perlite Vermiculite	I NF # Of Layers
193863C White Drywall	W-02-C	None Detected	10 Cellulose <1 Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers	Binders Carbonate Binders Organic Binders Sulfate Binders Aggregate Diatoms 30 Gypsum Mica 60 Mineral Cleavages Paint / Ink Perlite Vermiculite	I F # Of Layers
193864A Cream Joint Compound	W-03-A	None Detected	Cellulose Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers	Binders 85 Carbonate Binders Organic Binders Sulfate Binders Aggregate Diatoms Gypsum Mica 15 Mineral Cleavages Paint / Ink Perlite Vermiculite	I NF # Of Layers
193864B Cream Joint Compound	W-03-B	None Detected	Cellulose Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers	Binders 80 Carbonate Binders Organic Binders Sulfate Binders Aggregate Diatoms Gypsum Mica 20 Mineral Cleavages Paint / Ink <1 Perlite Vermiculite	I NF # Of Layers
193865A Cream Joint Compound	W-04-A	None Detected	Cellulose Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers	Binders 80 Carbonate Binders Organic Binders Sulfate Binders Aggregate Diatoms Gypsum Mica 20 Mineral Cleavages Paint / Ink Perlite Vermiculite	I NF # Of Layers
193865B Cream Joint Compound	W-04-B	None Detected	Cellulose Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers	Binders 85 Carbonate Binders Organic Binders Sulfate Binders Aggregate Diatoms Gypsum Mica 15 Mineral Cleavages Paint / Ink <1 Perlite Vermiculite	I NF # 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
193865C White Drywall	W-04-C	None Detected	10 Cellulose <1 Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers	Binders Carbonate Binders Organic Binders Sulfate Binders Aggregate Diatoms 30 Gypsum Mica 60 Mineral Cleavages Paint / Ink Perlite Vermiculite	I F # Of Layers
193866A Tan Carpet Mastic	F-05-A	None Detected	Cellulose Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers	Binders Carbonate Binders 70 Organic Binders Sulfate Binders Aggregate Diatoms Gypsum Mica 30 Mineral Cleavages Paint / Ink Perlite Vermiculite	I NF # Of Layers
193866B Grey on Cream Floor Tile	F-05-B	None Detected	Cellulose Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers	Binders 65 Carbonate Binders 30 Organic Binders Sulfate Binders Aggregate Diatoms Gypsum Mica 5 Mineral Cleavages Paint / Ink Perlite Vermiculite	I NF # Of Layers
193867A Light Grey Floor Tile	F-06-A	None Detected	Cellulose Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers	Binders 60 Carbonate Binders 30 Organic Binders Sulfate Binders Aggregate Diatoms Gypsum Mica 10 Mineral Cleavages Paint / Ink Perlite Vermiculite	I NF # Of Layers
193867B Cream Tan Mastic	F-06-B	None Detected	Cellulose Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers	Binders 10 Carbonate Binders 80 Organic Binders Sulfate Binders Aggregate Diatoms Gypsum Mica 10 Mineral Cleavages Paint / Ink Perlite Vermiculite	I NF # Of Layers
193868A Tan Carpet Mastic	F-07-A	None Detected	Cellulose Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers	Binders 5 Carbonate Binders 70 Organic Binders Sulfate Binders Aggregate Diatoms Gypsum Mica 25 Mineral Cleavages Paint / Ink Perlite Vermiculite	I NF # Of Layers

RESULTS: LAB SAMPLE # LAB DESCRIPTION	CLIENT SAMPLE #	PERCENTAGE AND TYPE OF ASBESTOS	PERCENTAGE FIBROUS NON-ASBESTOS	PERCENTAGE NON-FIBROUS MATERIAL	H-HOMOGENEOUS H-HOMOGENEOUS F-FIBROUS NF-NONE FIBROUS
193868B Light Grey Floor Tile	F-07-B	None Detected	Cellulose Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers	Binders 65 Carbonate Binders 30 Organic Binders Sulfate Binders Aggregate Diatoms Gypsum Mica 5 Mineral Cleavages Paint / Ink Perlite Vermiculite	I NF # Of Layers
193868C Cream Mastic	F-07-C	None Detected	Cellulose Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers	85 Binders Carbonate Binders Organic Binders Sulfate Binders Aggregate Diatoms Gypsum Mica 15 Mineral Cleavages Paint / Ink Perlite Vermiculite	I NF # Of Layers
193869 Cream Ceiling Tile	CT-08	None Detected	70 Cellulose Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers	Binders Carbonate Binders Organic Binders Sulfate Binders Aggregate Diatoms Gypsum Mica Mineral Cleavages 5 Paint / Ink 25 Perlite Vermiculite	I F # Of Layers
193870 Cream Grey Ceiling Tile	CT-09	None Detected	75 Cellulose Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers	Binders Carbonate Binders Organic Binders Sulfate Binders Aggregate Diatoms Gypsum Mica Mineral Cleavages 5 Paint / Ink 20 Perlite Vermiculite	I F # Of Layers
193871 Cream Grey Ceiling Tile	CT-10	None Detected	60 Cellulose Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers 15	Binders Carbonate Binders Organic Binders Sulfate Binders Aggregate Diatoms Gypsum Mica Mineral Cleavages <1 Paint / Ink 5 Perlite 20 Vermiculite	I F # Of Layers
193872A Cream Joint Compound	S-11-A	None Detected	Cellulose Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers	Binders 80 Carbonate Binders Organic Binders Sulfate Binders Aggregate Diatoms Gypsum Mica 20 Mineral Cleavages Paint / Ink Perlite Vermiculite	I NF # Of Layers

RESULTS: LAB SAMPLE # LAB DESCRIPTION	CLIENT SAMPLE #	PERCENTAGE AND TYPE OF ASBESTOS	PERCENTAGE FIBROUS NON-ASBESTOS	PERCENTAGE NON-FIBROUS MATERIAL	H-HOMOGENEOUS H-HOMOGENEOUS F-FIBROUS NF-NONE FIBROUS
193872B White Drywall	S-11-B	None Detected	10 Cellulose <1 Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers	Binders Carbonate Binders Organic Binders Sulfate Binders Aggregate Diatoms 35 Gypsum Mica 55 Mineral Cleavages Paint / Ink Perlite Vermiculite	I F # Of Layers
193873A Cream Joint Compound	S-12-A	None Detected	Cellulose Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers	Binders 80 Carbonate Binders Organic Binders Sulfate Binders Aggregate Diatoms Gypsum Mica 20 Mineral Cleavages Paint / Ink Perlite Vermiculite	I NF # Of Layers
193873B White Drywall	S-12-B	None Detected	10 Cellulose <1 Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers	Binders Carbonate Binders Organic Binders Sulfate Binders Aggregate Diatoms 35 Gypsum Mica 55 Mineral Cleavages Paint / Ink Perlite Vermiculite	I F # Of Layers
193874A Cream Joint Compound	S-13-A	None Detected	Cellulose Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers	Binders 85 Carbonate Binders Organic Binders Sulfate Binders Aggregate Diatoms Gypsum Mica 15 Mineral Cleavages Paint / Ink <1 Perlite Vermiculite	I NF # Of Layers
193874B Cream Joint Compound	S-13-B	None Detected	Cellulose Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers	Binders 70 Carbonate Binders Organic Binders Sulfate Binders Aggregate Diatoms Gypsum Mica 30 Mineral Cleavages Paint / Ink Perlite Vermiculite	I NF # Of Layers
193874C White Drywall	S-13-C	None Detected	10 Cellulose <1 Glass Fibers Animal Fibers Mineral Wool Processed Paper Synthetic Fiber Talc Wollastonite Wood Fibers	Binders Carbonate Binders Organic Binders Sulfate Binders Aggregate Diatoms 30 Gypsum Mica 60 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 Nikon Labophot 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.

Converse Consultants

4840 Mill Street, Suite 5, Reno, Nevada 89502

SURVEY DATA


VAN WOEZET 8160771 - VA

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(775) 856-3833 FAX (775) 856-3513

Inspectors: FRANK M. REYNOLDS JR		Project Name: CANTREX RELOCATION ADDITION		Project Number: 11-23705-01		Date Sampled: 11/29/11	
Contact: JOHN W. PETERSEN		Project Location: BUILDING 1 - GROUND FLOOR		Analysis Type: Asbestos (Please Circle)		Instructions:	
Phone #: (775) 856-3833		Client/Contact: MR JOHN TAPPAN		Air		Bulk	
Turn-A-Round Time: (Circle) RUSH		24 Hours		Requested: (2 Days)		Test to First Positive: Yes No	

LAB #	SAMPLE #	MATERIAL DESCRIPTION	SAMPLE LOCATION	LOCATIONS OF MATERIAL	QNTY	COND	FRIABLE YES/NO	COMMENTS (DEBRIS, EXTENT OF DAMAGE)	ASBESTOS %
193862	W-01	SKIM COAT/PLASTER	SOUTHEAST CORNER OF AREA 3CB	TYPICAL TO SOME WALLS THIS AREA	N/A	D	N/A		N/D
193863	W-02	COLD CON/JC/DW	SOUTH WEST CORNER OF KITCHEN - AREA 3GF	TYPICAL TO MAJORITY OF OFFICE WALLS	N/A	G	N		
193864	W-03	JC	WEST WALL AT AREAS 3GC + 3GD	N	N/A	G	N		
193865	W-04	JC/DW	NORTH WALL OUTSIDE 3GC	N	N/A	G	N		
193866	F-05	COLD CARPET MASTIC/WHITE W/ GRAY 12X12 FLOOR TILE	NORTH EAST CORNER OF AREA 3CB	TYPICAL TO 3CA, 3CB, 3CC, AND 3CE + 3C	N/A	G	N		
193867	F-06	WHITE W/ GRAY 12X12 FLOOR TILE	ALCOVE OUTSIDE KITCHEN - AREA 3GF	N	N/A	G	N		
193868	F-07	COLD CARPET MASTIC/WHITE W/ GRAY 12X12 FLOOR TILE	ENTRY AREA - OFFICE 3CC	N	N/A	G	N		
193869	CT-08	2X4 CEILING TILE	SOUTHEAST AREA OF AREA 3CB	TYPICAL TO T-04G TILES THIS AREA	N/A	G	Y		
193870	CT-09	2X4 CEILING TILE	KITCHEN - AREA 3GF	N	N/A	G	Y		
193871	CT-10	2X4 CEILING TILE	COMMON AREA - 3C	N	N/A	G	Y		N/D

MATERIAL		CONDITION	UNITS	ASBESTOS %	
PFI - Pipe Fitting Insulation	VT - Vinyl Tile	G - Good (No Maintenance is required currently)	LF - Linear Feet	A	Amosite Asbestos
PRI - Pipe Run Insulation	M - Mastic	D - Damaged (Some repair needed)	SF - Square Feet	C	Chrysotile Asbestos
DI - Duct Insulation	CBM - Cove Base Mastic	SD - Significantly Damaged (Repair or replace ASAP)	CF - Cubic Feet	NDA	No Asbestos Detected
TI - Tank Insulation	AT - Acoustic Tile			Assumed	
EJ - Expansion Joint	W - Wall			ACM	No Samples Taken
BI - Boiler Insulation	P - Plaster				

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

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(775) 856-3833 FAX (775) 856-3513

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