



Environmental Management Consulting, Inc.

ASBESTOS PRE-RENOVATION INSPECTION

**VA HOSPITAL – MADISON
MADISON, WISCONSIN**

CONSOLIDATE ICU'S

**INSPECTION DATE: JULY 22, 2011
REPORT DATE: AUGUST 3, 2011
REVISION DATE: AUGUST 15, 2011
EMC PROJECT NUMBER: 110367-01**

PREPARED FOR:

**WILLIAM STEED
KAHLER SLATER
44 E. MIFFLIN ST
MADISON, WI 53707**

PREPARED BY:

**MR. JOHN T. BUSHMAN
ENVIRONMENTAL MANAGEMENT CONSULTING, INC.
W7748 COUNTY HIGHWAY V
LAKE MILLS, WI 53551**

Securing Safer Futures...

ASBESTOS PRE-RENOVATION INSPECTION

VA-Madison
Consolidate ICU's
A/B Wing – Eighth Floor

Environmental Management Consulting, Inc. (EMC) was contacted by Mr. William Steed of Kahler Slater to conduct a pre-renovation asbestos survey of an area of the VA Hospital located in Madison, WI.

Mr. John T. Bushman of EMC inspected the subject property on July 22, 2011. The building was inspected for the presence of asbestos containing building materials. Bulk samples were extracted for each building material found suspect to contain asbestos that has not been previously sampled in a past inspection. All samples were submitted to a NVLAP certified laboratory for analysis via Polarized Light Microscopy (PLM). This report will summarize the findings of this inspection.

The only area of the building inspected at this time was the 8th Floor A&B Wings and the 9th Floor Mechanical Room. The following is a summary of the findings of this inspection.

ASBESTOS CONTAINING MATERIALS (ACM)

The following is a summary of materials identified to contain >1% asbestos or assumed to contain asbestos.

- 1) Sheet Flooring (Tan) with Black & Yellow Mastic
Material Code: MFLT

The flooring was found negative, however, the black adhesive was found to contain 5% Chrysotile Asbestos. It appears as though the black adhesive was from the original flooring that was removed and replaced with the existing vinyl floor. The original mastic was not removed when the flooring was replaced. There is approximately 4660 Sq Ft of this material on the 8th Floor A Wing.

- 2) Sheet Flooring – Gray
Material Code: MFLY

The flooring material was found negative for asbestos, however, it could not be determined if the original asbestos containing adhesive was removed when the flooring was replaced. Given the occupancy of the space (A Wing-Surgical Suite) extensive investigation could not be conducted, therefore, it is assumed that the original adhesive remains below this floor as it does below the other flooring in the A Wing. There is approximately 2900 Sq Ft of this material.

- 3) 12" Floor Tile & Adhesives
Material Code: MF12EN/MF12NN/MF12Y

This material is located on the West side of the "A" Wing and was previously identified to contain asbestos. There is approximately 1080 Sq Ft of this material.

- 4) Carpet Mastic – Black & Yellow
Material Code: MCMK

This material is the original flooring adhesive that was not removed and new carpet was installed over the top. This material is located in the West side of the "B" Wing. There is approximately 1400 Sq Ft of this material.

- 5) Ceramic Tile Over Old Adhesive
Material Code: MCTM-K

This material is located in the two locker rooms in the West side of the "B" Wing. It appears as though the ceramic flooring was installed over the original asbestos containing mastic that was not removed with the original flooring. There is approximately 260 Sq Ft of this material.

- 6) 12" Floor Tile (Tan & Brown) & Adhesives
Material Code: MF12TN

This material is located in the main corridor and the entry to the men's locker room. There is approximately 1265 Sq Ft of this material.

7) Pipe Insulation
Material Codes: TF5F/TA5/TC5

The material is located in various locations throughout the “A” and “B” Wings. Most of the accessible material has been removed; however, it is assumed that the insulation located on the plumbing risers inside the enclosed chases still remains. The following is a summary of pipe insulation quantities:

	<u>Identified During Inspection</u>	<u>Estimated Inside Wall Chases/Above Surgical</u>
Pipe Fitting Insulation on		
Fiber Glass Pipe Insulation	190 Fittings	120 Fittings
Aircell/Cardboard Pipe Insulation	52 LF	420 LF

8) Duct Insulation – White/Mud & Canvas
Material Code: TDEW

This material is located within the 9th Floor Penthouse and in a wall chase on the 8th Floor next to Room 8056. Approximately 280 Sq Ft.

9) Roofing Material

The roofing materials on the roofs of Wings 7B, 8B and 8A were tested. All materials tested were found negative for asbestos.

These materials must be removed by personnel certified by the Department of Health Services, if they are likely to be disturbed during the renovation project. Removal is not necessary if the materials will not be disturbed during the project.

NON-ASBESTOS MATERIALS

The following is a summary of materials, which have been sampled and found not to contain asbestos.

Wing – 8A & 8B (West)

<u>Material Code</u>	<u>Material Description</u>
MFLW	Sheet Flooring-Wood Pattern
MWP	Wall Paper & Adhesives
MCLKR	Fire Caulk-Red
MSCT1	Ceiling Tile-Drywall
MCLKY	Duct Caulk-Gray
MSCT3	2'x4' Ceiling Tile-Textured
MDP-1	Damp Proofing-Black (Exterior Wall)
MCTMP	Ceramic Floor Tile/Mastic/Grout-Original
TDE	Brown Mastic on Fiberglass Duct Insulation
SSF	Spray Applied Fireproofing on Deck
MSCT2	2'x2' Ceiling Tile Revealed Edge-Textured

Wing –8B (East-2004 Construction)

<u>Material Code</u>	<u>Material Description</u>
MCMB	Carpet Mastic-Blue/Yellow
MFLT	Sheet Flooring-Tan
MFLB	Sheet Flooring-Blue
MCLKY	Duct Caulk-Gray
MDW	Drywall & Joint Compound
SP1-C	Rough Plaster on Deck-Above Suspended Ceiling
MSP-P	Rough Plaster Ceiling Patch
MCTM-W	Ceramic Tile Mastic-Wall
MSCT2	2'x2' Ceiling Tile-Revealed Edge
MSCT4	Ceiling Tile-Drywall
SF-C	Fire Proofing Material-Cementations

Roofing Material

<u>Material Code</u>	<u>Material Description</u>
MRM7B	7B Roof-Roof Membrane, Felt, Mastic below Insulation, and Light Weight Concrete Substrate
MRC-1	7B Roof-Flashing Caulk-Gray
MRM8B	8B Roof-Roof Membrane, Felt , Black Adhesive and Light Weight Concrete Substrate
MRC-2	8B Roof-Flashing Caulk-Gray
MRM8A	8A Roof-Roof Membrane/Insulation & Paper
MRMC8A	8A Roof-Roof Mastic
MRC-3	8A Roof-Flashing Caulk-Black

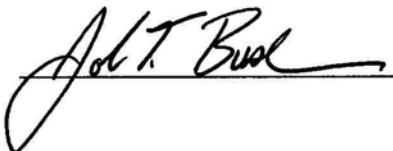
No work is necessary for these materials.

ADDITIONAL REQUIREMENTS

If this renovation will involve the removal of greater than 160 square feet or 260 linear feet of asbestos containing materials a "Notification of Demolition and/or Renovation and Application for Exemption" (Form 4500-113) must be submitted to the Wisconsin Department of Natural Resources (WDNR). Residential property as defined by the WDNR chapter 447 may be exempt from notification requirements. However, if any amount of asbestos removal is required for the project, the above stated notification will be required to be submitted to the Wisconsin Department of Health Services. The owner/operator is responsible for submitting all notifications.

If during the course of renovation, suspect materials are found, that have not been identified or sampled, work must stop, and a State of Wisconsin Certified Asbestos Building Inspector must be contacted to assess the material. There are inaccessible areas within the building that could not be accessed during the inspection, which could result in additional suspect materials discovered.

All bulk sampling information including a bulk sample chart and the laboratory results are attached to this report. Please contact the EMC office if you have any questions.



John T. Bushman
Certification: All-1283

BULK SAMPLE RESULTS



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Environmental Management Consulting Attn: John Bushman
W7748 Cnty Hwy V
Lake Mills, WI 53551

Lab Order ID: 1110289

Analysis ID: 1110289PLM

Date Received: 7/25/2011

Project: Kahler Slater - VA Hospital - 8th floor-
8BW 110367-01

Date Reported: 7/25/2011

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
8BW-06	Drywall CT	None Detected	20% Cellulose	80% Other	Gray Fibrous Heterogeneous
1110289PLM_1					Teased
8BW-07	Gray duct caulk	None Detected		100% Other	Gray Non Fibrous Homogeneous
1110289PLM_2					Dissolved
8BW-08	Gray duct caulk	None Detected		100% Other	Gray Non Fibrous Homogeneous
1110289PLM_3					Dissolved
8BW-09	2'x4' CT	None Detected	95% Cellulose	5% Other	Brown Fibrous Homogeneous
1110289PLM_4					Teased
8BW-10 - A	Damp proofing ext wall	None Detected		100% Other	Black Non Fibrous Homogeneous
1110289PLM_5	mastic				Dissolved
8BW-10 - B	Damp proofing ext wall	None Detected		80% Other 20% Quartz	Gray Non Fibrous Homogeneous
1110289PLM_9	cement				Crushed
8BW-11 - A	Damp proofing ext wall	None Detected		100% Other	Black Non Fibrous Homogeneous
1110289PLM_6	mastic				Dissolved
8BW-11 - B	Damp proofing ext wall	None Detected		80% Other 20% Quartz	Gray Non Fibrous Homogeneous
1110289PLM_10	cement				Crushed

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Matt Thomas (14)

Analyst

Nathaniel Durham, MS or Approved Signatory



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By Polarized Light Microscopy
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Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
8BW-12 - A	Ceramic floor tile/mastic grout	None Detected		100% Other	Brown Non Fibrous Homogeneous
1110289PLM_7	tile				Crushed
8BW-12 - B	Ceramic floor tile/mastic grout	None Detected		100% Other	Tan Non Fibrous Homogeneous
1110289PLM_11	mastic				Dissolved
8BW-12 - C	Ceramic floor tile/mastic grout	None Detected		100% Other	Gray Non Fibrous Homogeneous
1110289PLM_12	grout				Crushed
8BW-13 - A	Ceramic floor tile/mastic grout	None Detected		100% Other	Brown Non Fibrous Homogeneous
1110289PLM_8	tile				Crushed
8BW-13 - B	Ceramic floor tile/mastic grout	None Detected		100% Other	Tan Non Fibrous Homogeneous
1110289PLM_13	mastic				Dissolved
8BW-13 - C	Ceramic floor tile/mastic grout	None Detected		100% Other	Gray Non Fibrous Homogeneous
1110289PLM_14	grout				Dissolved

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Analyst

Nathaniel Durham, MS or Approved Signatory



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By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Environmental Management Consulting Attn: John Bushman
W7748 Cnty Hwy V
Lake Mills, WI 53551

Lab Order ID: 1110290

Analysis ID: 1110290PLM

Date Received: 7/25/2011

Project: Kahler Slater-VA Hospital -8th floor-
8A 11036701

Date Reported: 7/25/2011

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
8A-01 - A	Sheet floor- tan w/yellow & blk adh	None Detected		100% Other	Tan Non Fibrous Homogeneous
1110290PLM_1	vinyl				Ashed
8A-01 - B	Sheet floor- tan w/yellow & blk adh	5% Chrysotile		95% Other	Yellow, Black Non Fibrous Homogeneous
1110290PLM_11	mixed mastics				Dissolved
8A-02 - A	Sheet floor- tan w/yellow & blk adh	None Detected		100% Other	Tan Non Fibrous Homogeneous
1110290PLM_2	vinyl				Ashed
8A-02 - B	Sheet floor- tan w/yellow & blk adh	5% Chrysotile		95% Other	Yellow, Black Non Fibrous Homogeneous
1110290PLM_12	mixed mastics				Dissolved
8A-03 - A	Brown duct ins mastic	None Detected	90% Cellulose	10% Other	Brown Fibrous Homogeneous
1110290PLM_3	paper				Teased
8A-03 - B	Brown duct ins mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
1110290PLM_13	mastic				Dissolved
8A-04 - A	Brown duct ins mastic	None Detected	90% Cellulose	10% Other	Brown Fibrous Homogeneous
1110290PLM_4	paper				Teased
8A-04 - B	Brown duct ins mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
1110290PLM_14	mastic				Dissolved

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Lab Order ID: 1110290

Analysis ID: 1110290PLM

Date Received: 7/25/2011

Project: Kahler Slater-VA Hospital -8th floor-
8A 11036701

Date Reported: 7/25/2011

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				
8A-05	Spray applied fireproofing	None Detected	75% Mineral Wool	25% Other	Brown Fibrous Homogeneous
1110290PLM_5					Teased
8A-06	Spray applied fireproofing	None Detected	75% Mineral Wool	25% Other	Brown Fibrous Homogeneous
1110290PLM_6					Teased
8A-07	Spray applied fireproofing	None Detected	75% Mineral Wool	25% Other	Brown Fibrous Homogeneous
1110290PLM_7					Teased
8A-08	2'x2' CT revealed text edge	None Detected	40% Mineral Wool 30% Cellulose	30% Other	White Fibrous Homogeneous
1110290PLM_8					Teased
8A-09	2'x2' CT revealed text edge	None Detected	40% Mineral Wool 30% Cellulose	30% Other	White Fibrous Homogeneous
1110290PLM_9					Teased
8A-10 - A	Sheet flooring white/blue	None Detected		100% Other	Gray Non Fibrous Homogeneous
1110290PLM_10	vinyl				Dissolved
8A-10 - B	Sheet flooring white/blue	None Detected	5% Cellulose	95% Other	Yellow Non Fibrous Homogeneous
1110290PLM_15	mastic				Dissolved

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By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



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W7748 Cnty Hwy V
Lake Mills, WI 53551

Lab Order ID: 1110291
Analysis ID: 1110291PLM
Date Received: 7/25/2011
Date Reported: 7/25/2011

Project: Kahler Slater- VA Hospital- 8th floor-
8B 110367-01

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
8B-06	Gray duct caulk	None Detected		100% Other	Gray Non Fibrous Homogeneous
1110291PLM_1					Dissolved
8B-07 - A	Drywall/joint compound	None Detected	20% Cellulose	80% Other	Brown, Gray Non Fibrous Heterogeneous
1110291PLM_2	<i>drywall</i>				Teased
8B-07 - B	Drywall/joint compound	None Detected		100% Other	White Non Fibrous Homogeneous
1110291PLM_20	<i>joint compound</i>				Teased
8B-07 - C	Drywall/joint compound	None Detected	20% Cellulose	80% Other	White, Brown, Gray Non Fibrous Heterogeneous
1110291PLM_21	<i>composite</i>				Teased
8B-08 - A	Drywall/joint compound	None Detected	20% Cellulose	80% Other	Brown, Gray Non Fibrous Heterogeneous
1110291PLM_3	<i>drywall</i>				Teased
8B-08 - B	Drywall/joint compound	None Detected		100% Other	White Non Fibrous Homogeneous
1110291PLM_22	<i>joint compound</i>				Teased
8B-08 - C	Drywall/joint compound	None Detected	20% Cellulose	80% Other	Brown, Gray Non Fibrous Heterogeneous
1110291PLM_23	<i>composite</i>				Teased
8B-09	Rough plaster on deck	None Detected		80% Other 20% Quartz	Gray Non Fibrous Homogeneous
1110291PLM_4	<i>single layer plaster</i>				Crushed

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8B 110367-01

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components		Attributes
Lab Sample ID	Lab Notes			Quartz	Other	Treatment
8B-10	Rough plaster on deck	None Detected		80% 20%	Other Quartz	Gray Non Fibrous Homogeneous
1110291PLM_5	single layer plaster					Crushed
8B-11	Rough plaster on deck	None Detected		80% 20%	Other Quartz	Gray Non Fibrous Homogeneous
1110291PLM_6	single layer plaster					Crushed
8B-12	Rough plaster on deck	None Detected		80% 20%	Other Quartz	Gray Non Fibrous Homogeneous
1110291PLM_7	single layer plaster					Crushed
8B-13	Rough plaster on deck	None Detected		80% 20%	Other Quartz	Gray Non Fibrous Homogeneous
1110291PLM_8	single layer plaster					Crushed
8B-14	Ceiling patch- gray	None Detected	60% Mineral Wool	40%	Other	Gray Fibrous Heterogeneous
1110291PLM_9			Teased			
8B-15	Ceramic tile mastic	None Detected		100%	Other	White Non Fibrous Homogeneous
1110291PLM_10						Teased
8B-16	2'x2' CT revealed edge	None Detected	40% Mineral Wool 40% Cellulose	20%	Other	Gray Fibrous Homogeneous
1110291PLM_11			Teased			
8B-17	2'x2' CT revealed edge	None Detected	40% Mineral Wool 40% Cellulose	20%	Other	Gray Fibrous Homogeneous
1110291PLM_12			Teased			

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Analyst

Scientific Analytical Institute, Inc. 302-L Pomona Dr. Greensboro, NC 27407 (336) 292-3888

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EPA Method: 600/R-93/116 and 600/M4-82-020



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8B 110367-01

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
8B-18	Drywall CT	None Detected	20% Cellulose	80% Other	Gray Non Fibrous Homogeneous
1110291PLM_13					Teased
8B-19	Fireproofing cementitious	None Detected	35% Cellulose	65% Other	Gray Fibrous Heterogeneous
1110291PLM_14					Teased
8B-20	Fireproofing cementitious	None Detected	35% Cellulose	65% Other	Gray Fibrous Heterogeneous
1110291PLM_15					Teased
8B-21	Fireproofing cementitious	None Detected	35% Cellulose	65% Other	Gray Fibrous Heterogeneous
1110291PLM_16					Teased
8B-22	Fireproofing cementitious	None Detected	35% Cellulose	65% Other	Gray Fibrous Heterogeneous
1110291PLM_17					Teased
8B-23	Fireproofing cementitious	None Detected	35% Cellulose	65% Other	Gray Fibrous Heterogeneous
1110291PLM_18					Teased
8B-24 - A	12" FT tan/brown 2 blk adh	None Detected		100% Other	Tan Non Fibrous Homogeneous
1110291PLM_19	tile				Dissolved
8B-24 - B	12" FT tan/brown 2 blk adh	8% Chrysotile		92% Other	Black Non Fibrous Homogeneous
1110291PLM_24	mastic				Dissolved

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Environmental Management Consulting, Inc.

E.M.C., Inc.
 W7748 County Highway V
 Lake Mills, WI 53551
 920-648-6343

Scientific Analytical Institute
 302-L Pomona Dr.
 Greensboro, NC 27407
 877-292-3888



EMC Contact: <u>John Bushman</u>	Test Type	Turnaround Time	
Email : <u>emc@emc-wi.com</u>	PLM <input checked="" type="checkbox"/>	12 Hours <input type="checkbox"/>	120 Hours <input type="checkbox"/>
Sample Location: <u>8th Floor - 8B</u>	Point Count <input type="checkbox"/>	24 Hours <input checked="" type="checkbox"/>	144+ Hours <input type="checkbox"/>
Sample Date: <u>7-21-11</u>	PCM <input type="checkbox"/>	48 Hours <input type="checkbox"/>	
Sampling Personnel: <u>Jeremy Noegel</u>	TEM <input type="checkbox"/>	72 Hours <input type="checkbox"/>	
Inspector Number: <u>ATF-105450</u>	Lead <input type="checkbox"/>	96 Hours <input type="checkbox"/>	
Project Name/#: <u>Kahler Slater - VA Hospital - 8th Floor - 8B</u>		<u>110367-01</u>	

Sample Number	Homo Code	SR/IC	Enter Into Laboratory, Sample Description, Field			Lab Results
			Material Description	Room	Specific Location or Volume/Area	
8B-06	MCLKY	<input type="checkbox"/>	Gray Duct Caulk	8001	Outside 8125	
8B-07	MDW	<input checked="" type="checkbox"/>	Drywall / Joint Compound	8001	" 8103	
8B-08	↓	<input checked="" type="checkbox"/>	↓	↓	" 8103	
8B-09	SPI-C	<input type="checkbox"/>	Rough Plaster on Deck	8001	" 8103	
8B-10	↓	<input type="checkbox"/>	↓	↓	" 8104	
8B-11	↓	<input type="checkbox"/>	↓	↓	" 8105	
8B-12	↓	<input type="checkbox"/>	↓	↓	" 8106	
8B-13	↓	<input type="checkbox"/>	↓	↓	" 8107	
8B-14	MSP-P	<input type="checkbox"/>	Ceiling Patch - Gray	↓	" 8103	
8B-15	MCTMW	<input type="checkbox"/>	Ceramic Tile Master Wall	8115A	Next to mirror	
8B-16	MSCT2	<input type="checkbox"/>	2'x2' CT - Peveled Edge	8001	Outside 8103	
8B-17	↓	<input type="checkbox"/>	↓	8001	Outside 8107	
8B-18	MSCT4	<input type="checkbox"/>	Drywall CT			
8B-19	SF-C	<input type="checkbox"/>	Fireproofing Concentrations	8002	Outside 8111	
8B-20	↓	<input type="checkbox"/>	↓	↓	" 8114	Accepted <input checked="" type="checkbox"/>
8B-21	↓	<input type="checkbox"/>	↓	↓	" 8108	Rejected <input type="checkbox"/>
8B-22	↓	<input type="checkbox"/>	↓	8117	Center of Nurse Station	
8B-23	↓	<input type="checkbox"/>	↓	8117	Outside 8118	
8B-24	MFI2TN	<input type="checkbox"/>	12" FT Tan/Prun + Blk Adh	8030	At Entrance	

Total # of Samples 19

Relinquished by	Date/Time	Received by	Date/Time
<u>Noegel</u>	<u>7-22-11</u>	<u>[Signature]</u>	<u>7-25-11</u>



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Environmental Management Consulting Attn: John Bushman
W7748 Cnty Hwy V
Lake Mills, WI 53551

Lab Order ID: 1110069
Analysis ID: 1110069PLM
Date Received: 7/20/2011
Date Reported: 7/21/2011

Project: 110367-01 VA 8B East (2004)

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
8B-01	Carpet mastic- blue/yellow	None Detected	3% Cellulose 2% Synthetic Fibers	95% Other	Yellow, Blue Non Fibrous Heterogeneous
1110069PLM_1					Dissolved
8B-02 - A	Carpet mastic- blue/yellow gray floor leveler	None Detected	3% Cellulose	97% Other	Yellow, Blue Non Fibrous Heterogeneous
1110069PLM_2	mastic				Dissolved
8B-02 - B	Carpet mastic- blue/yellow gray floor leveler	None Detected	5% Cellulose	95% Other	Gray Non Fibrous Heterogeneous
1110069PLM_6	leveler				Crushed
8B-03 - A	Sheet floor tan	None Detected		100% Other	Tan Non Fibrous Homogeneous
1110069PLM_3	sheet flooring				Ashed
8B-03 - B	Sheet floor tan	None Detected	5% Cellulose	95% Other	Gray Non Fibrous Heterogeneous
1110069PLM_7	mastic/leveling				Dissolved, Crushed
8B-04 - A	Sheet floor tan	None Detected		100% Other	Tan Non Fibrous Homogeneous
1110069PLM_4	sheet flooring				Ashed
8B-04 - B	Sheet floor tan	None Detected	5% Cellulose	95% Other	Gray Non Fibrous Heterogeneous
1110069PLM_8	mastic/leveling				Dissolved, Crushed
8B-05	Sheet flooring - blue	None Detected		100% Other	Blue Non Fibrous Homogeneous
1110069PLM_5					Ashed

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 0.1%.

Dorlos Ammerman (8)

Analyst

Scientific Analytical Institute, Inc. 302-L Pomona Dr. Greensboro, NC 27407 (336) 292-3888

Nathaniel Durham, MS or Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Environmental Management Consulting Attn: John Bushman
W7748 Cnty Hwy V
Lake Mills, WI 53551

Lab Order ID: 1111045
Analysis ID: 1111045PLM
Date Received: 8/9/2011
Date Reported: 8/10/2011

Project: VA Madison 110367-01

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
VA-7BR - A	Roof membrane and felt and mastic below ins.	None Detected		100% Other	Black Non Fibrous Homogeneous
1111045PLM_1	membrane				Ashed
VA-7BR - B	Roof membrane and felt and mastic below ins.	None Detected	90% Synthetic Fibers	10% Other	Black Fibrous Heterogeneous
1111045PLM_8	felt				Teased
VA-7BR - C	Roof membrane and felt and mastic below ins.	None Detected	10% Cellulose	90% Other	Black Non Fibrous Heterogeneous
1111045PLM_9	mastic				Dissolved
VA-7BR - D	Roof membrane and felt and mastic below ins.	None Detected		80% 20% Other Quartz	Tan Non Fibrous Heterogeneous
1111045PLM_10	cementitious material				Crushed
VA-7B-FLCK	Flashing caulk 7B (grey)	None Detected		100% Other	Gray Non Fibrous Homogeneous
1111045PLM_2					Ashed
VA-8B-R - A	Roof membrane and felt and black adhesive	None Detected		100% Other	Black Non Fibrous Homogeneous
1111045PLM_3	membrane				Ashed
VA-8B-R - B	Roof membrane and felt and black adhesive	None Detected	70% Cellulose	30% Other	Black Fibrous Heterogeneous
1111045PLM_11	felt				Dissolved
VA-8B-R - C	Roof membrane and felt and black adhesive	None Detected	5% Cellulose	95% Other	Black Non Fibrous Heterogeneous
1111045PLM_12	mastic				Dissolved

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Dorlos Ammerman (14)

Analyst

Nathaniel Durham, MS or Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Environmental Management Consulting Attn: John Bushman
W7748 Cnty Hwy V
Lake Mills, WI 53551

Lab Order ID: 1111045
Analysis ID: 1111045PLM
Date Received: 8/9/2011
Date Reported: 8/10/2011

Project: VA Madison 110367-01

Sample ID	Description	Asbestos	Fibrous Components		Non-Fibrous Components		Attributes
Lab Sample ID	Lab Notes						Treatment
VA-8B-R - D	Roof membrane and felt and black adhesive	None Detected			80% 20%	Other Quartz	Tan Non Fibrous Heterogeneous
1111045PLM_13	<i>cementitious material</i>						Crushed
VA-FCLK-8B	Flashing caulk-8B (grey)	None Detected			100%	Other	Gray Non Fibrous Homogeneous
1111045PLM_4							Ashed
VA-8A-R - A	Roof membrane/insulation and paper	None Detected			100%	Other	Black Non Fibrous Homogeneous
1111045PLM_5	<i>membrane</i>						Ashed
VA-8A-R - B	Roof membrane/insulation and paper	None Detected	75% 15%	Cellulose Fiber Glass	10%	Other	Black Fibrous Heterogeneous
1111045PLM_14	<i>paper on foam</i>						Teased
VA-8A-RM	Roof mastic 8A	None Detected	3%	Cellulose	97%	Other	Black Non Fibrous Heterogeneous
1111045PLM_6							Dissolved
VA-8A-FCLK	Flashing caulk-8A (black)	None Detected			100%	Other	Black Non Fibrous Homogeneous
1111045PLM_7							Ashed

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 0.1%.

Dorlos Ammerman (14)

Analyst

Scientific Analytical Institute, Inc. 302-L Pomona Dr. Greensboro, NC 27407 (336) 292-3888

Nathaniel Durham, MS or Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Environmental Management Consulting Attn: Jeremy Noegel
W7748 Cnty Hwy V
Lake Mills, WI 53551

Lab Order ID: 1111152

Analysis ID: 1111152PLM

Date Received: 8/10/2011

Project: Kahler - Slater VA - Madison

Date Reported: 8/11/2011

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
VA-200 - A	Sheet floor (tan & blue) & adhesive	None Detected		100% Other	Blue Non Fibrous Homogeneous
1111152PLM_1	flooring				Ashed
VA-200 - B	Sheet floor (tan & blue) & adhesive	None Detected	2% Synthetic Fibers	98% Other	Transparent Non Fibrous Homogeneous
1111152PLM_5	adhesive				Dissolved
VA-201 - A	Sheet floor (tan & blue) & adhesive	None Detected		100% Other	Tan Non Fibrous Homogeneous
1111152PLM_2	flooring				Ashed
VA-201 - B	Sheet floor (tan & blue) & adhesive	None Detected	3% Synthetic Fibers	97% Other	Transparent Non Fibrous Homogeneous
1111152PLM_6	adhesive				Dissolved
VA-202 - A	Drywall & joint compound	None Detected	10% Cellulose 10% Fiber Glass	80% Other	White, Tan Fibrous Heterogeneous
1111152PLM_3	drywall				Crushed
VA-202 - B	Drywall & joint compound	None Detected		100% Other	White Non Fibrous Homogeneous
1111152PLM_7	joint compound				Crushed
VA-202 - C	Drywall & joint compound	None Detected	10% Cellulose 10% Fiber Glass	80% Other	White, Tan Fibrous Heterogeneous
1111152PLM_8	composite				Crushed
VA-203 - A	Drywall & joint compound	None Detected	10% Cellulose 10% Fiber Glass	80% Other	White, Tan Fibrous Heterogeneous
1111152PLM_4	drywall				Crushed

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Dorlos Ammerman (10)

Analyst

Scientific Analytical Institute, Inc. 302-L Pomona Dr. Greensboro, NC 27407 (336) 292-3888

Nathaniel Durham, MS or Approved Signatory

Page 1 of 2



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Environmental Management Consulting Attn: Jeremy Noegel
W7748 Cnty Hwy V
Lake Mills, WI 53551

Lab Order ID: 1111152
Analysis ID: 1111152PLM
Date Received: 8/10/2011
Date Reported: 8/11/2011

Project: Kahler - Slater VA - Madison

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
VA-203 - B	Drywall & joint compound	None Detected		100% Other	White Non Fibrous Homogeneous
1111152PLM_9	joint compound				Crushed
VA-203 - C	Drywall & joint compound	None Detected	10% Cellulose 10% Fiber Glass	80% Other	White, Tan Fibrous Heterogeneous
1111152PLM_10	composite		Crushed		


Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommended that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 0.1%.

Dorlos Ammerman (10)

Analyst

Nathaniel Durham, MS or Approved Signatory


CERTIFICATIONS



ASBESTOS INSPECTOR
 Issued By
STATE OF WISCONSIN
 Dept. of Health Services
 William A Freeman
 W7748 County Road V
 Lake Mills WI 53551-9643

		170 lbs	6' 00"
AH-1284	Exp: 05/12/2011	03/08/1964	Male


Training due by: 05/12/2011



ASBESTOS SUPERVISOR
 Issued By
STATE OF WISCONSIN
 Dept. of Health Services
 William A Freeman
 W7748 County Road V
 Lake Mills WI 53551-9643

		170 lbs	6' 00"
ACS-1284	Exp: 05/10/2011	03/08/1964	Male

Training due by: 05/10/2011



ASBESTOS PROJ. DESIGNER
 Issued By
STATE OF WISCONSIN
 Dept. of Health Services
 William A Freeman
 W7748 County Road V
 Lake Mills WI 53551-9643

		170 lbs	6' 00"
APD-1284	Exp: 01/10/2012	03/08/1964	Male


Training due by: 01/10/2012




ASBESTOS INSPECTOR
 Issued By
STATE OF WISCONSIN
 Dept. of Health Services
 John Thomas Bushman
 W7748 County Road V
 Lake Mills WI 53551-9643

		195 lbs	5' 10"
AH-1283	Exp: 03/13/2011	03/03/1965	Male

Training due by: 03/13/2011



ASBESTOS MGMT. PLANNER
 Issued By
STATE OF WISCONSIN
 Dept. of Health Services
 John Thomas Bushman
 W7748 County Road V
 Lake Mills WI 53551-9643

		195 lbs	5' 10"
AMP-1283	Exp: 03/13/2011	03/03/1965	Male

Training due by: 03/13/2011



ASBESTOS PROJ. DESIGNER
 Issued By
STATE OF WISCONSIN
 Dept. of Health Services
 John Thomas Bushman
 W7748 County Road V
 Lake Mills WI 53551-9643

		195 lbs	5' 10"
APD-1283	Exp: 03/13/2011	03/03/1965	Male

Training due by: 03/13/2011



ASBESTOS SUPERVISOR
 Issued By
STATE OF WISCONSIN
 Dept. of Health Services
 John Thomas Bushman
 W7748 County Road V
 Lake Mills WI 53551-9643

		195 lbs	5' 10"
ACS-1283	Exp: 04/26/2011	03/03/1965	Male

Training due by: 04/26/2011

ASBESTOS INSPECTOR
 Issued By
 STATE OF WISCONSIN
 Dept. of Health Services

James P Jozwiakowski
 W7748 County Road V
 Lake Mills WI 53551-9643

		170 lbs	5' 10"
All-1214	Exp: 03/13/2011	10/04/1965	Male

Training due by: 03/13/2011

ASBESTOS MGMT. PLANNER
 Issued By
 STATE OF WISCONSIN
 Dept. of Health Services

James P Jozwiakowski
 W7748 County Road V
 Lake Mills WI 53551-9643

		170 lbs	5' 10"
AMP-1214	Exp: 03/12/2011	10/04/1965	Male

Training due by: 03/12/2011

ASBESTOS SUPERVISOR
 Issued By
 STATE OF WISCONSIN
 Dept. of Health Services

James P Jozwiakowski
 W7748 County Road V
 Lake Mills WI 53551-9643

		170 lbs	5' 10"
ACS-1214	Exp: 03/21/2011	10/04/1965	Male

Training due by: 03/21/2011

ASBESTOS INSPECTOR
 Issued By
 STATE OF WISCONSIN
 Dept. of Health Services

David A Sherrard
 W7748 County Road V
 Lake Mills WI 53551-9643

		175 lbs	6' 00"
All-847	Exp: 03/13/2011	04/08/1965	Male

Training due by: 03/13/2011

ASBESTOS SUPERVISOR
 Issued By
 STATE OF WISCONSIN
 Dept. of Health Services

David A Sherrard
 W7748 County Road V
 Lake Mills WI 53551-9643

		175 lbs	6' 00"
ACS-847	Exp: 03/21/2011	04/08/1965	Male

Training due by: 03/21/2011

LEAD(PB) RISK ASSESSOR
 Issued By
 STATE OF WISCONSIN
 Dept. of Health Services

David A Sherrard
 W7748 County Road V
 Lake Mills WI 53551-9643

		175 lbs	6' 00"
LRA-847	Exp: 08/25/2011	04/08/1965	Male

Training due by: 08/25/2011

ASBESTOS INSPECTOR
 Issued By
 STATE OF WISCONSIN
 Dept. of Health Services

Jason Gregory Schneider
 W7748 County Road V
 Lake Mills WI 53551-9643

		220 lbs	6' 01"
All-14552	Exp: 03/13/2011	02/04/1971	Male

Training due by: 03/13/2011

ASBESTOS SUPERVISOR
 Issued By
 STATE OF WISCONSIN
 Dept. of Health Services

Jason Gregory Schneider
 W7748 County Road V
 Lake Mills WI 53551-9643

		220 lbs	6' 01"
ACS-14552	Exp: 03/21/2011	02/04/1971	Male

Training due by: 03/21/2011

ASBESTOS INSPECTOR
 Issued By
 STATE OF WISCONSIN
 Dept. of Health Services

Brett A. Jungen
 W7748 County Road V
 Lake Mills WI 53551-0643

ACS-15200	Exp: 12/17/2011	01/20/1976	Male
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Training due by: 03/18/2011

ASBESTOS SUPERVISOR
 Issued By
 STATE OF WISCONSIN
 Dept. of Health Services

Brett A Jungen
 W7748 County Road V
 Lake Mills WI 53551-0643

		240 lbs	5' 10"
ACS-15200	Exp: 12/17/2011	01/20/1976	Male

Training due by: 12/17/2011

ASBESTOS INSPECTOR
 Issued By
 STATE OF WISCONSIN
 Dept. of Health Services

Robert J Haveman
 W7748 County Road V
 Lake Mills WI 53551-0643

All-17115	Exp: 11/21/2011	07/24/1974	Male
-----------	-----------------	------------	------

Training due by: 11/21/2011

ASBESTOS SUPERVISOR
 Issued By
 STATE OF WISCONSIN
 Dept. of Health Services

Robert J Haveman
 W7748 County Road V
 Lake Mills WI 53551-0643

		175 lbs	5' 07"
ACS-17115	Exp: 05/11/2011	07/24/1974	Male

Training due by: 05/11/2011

ASBESTOS INSPECTOR
 Issued By
 STATE OF WISCONSIN
 Dept. of Health Services

Jeremy Robert Neugebauer
 W7748 County Road V
 Lake Mills WI 53551-0643

ACS-18549	Exp: 03/17/2011	02/10/1977	Male
-----------	-----------------	------------	------

Training due by: 03/17/2011

ASBESTOS SUPERVISOR
 Issued By
 STATE OF WISCONSIN
 Dept. of Health Services

Jeremy Robert Neugebauer
 W7748 County Road V
 Lake Mills WI 53551-0643

		185 lbs	5' 00"
ACS-18549	Exp: 03/17/2011	02/10/1977	Male

Training due by: 03/17/2011



ASBESTOS INSPECTOR

Issued By

STATE OF WISCONSIN

Dept. of Health Services

Matthew Michael Freeman

W7748 County Road V

Lake Mills WI 53551-9643

140 lbs

5' 10"

All-121592

Exp: 10/22/2011

03/19/1987

Male

Training due by: 10/22/2011



ASBESTOS SUPERVISOR

Issued By

STATE OF WISCONSIN

Dept. of Health Services

Matthew Michael Freeman

W7748 County Road V

Lake Mills WI 53551-9643

140 lbs

5' 10"

ACS-121592

Exp: 06/13/2011

03/19/1987

Male

Training due by: 06/13/2011



ASBESTOS INSPECTOR

Issued By

STATE OF WISCONSIN

Dept. of Health Services

Lance Robert Winslow

W7748 County Road V

Lake Mills WI 53551-9643

170 lbs

5' 09"

All-121895

Exp: 08/14/2011

10/25/1984

Male

Training due by: 08/14/2011



LEAD-SAFE RENOVATOR

Issued By

STATE OF WISCONSIN

Dept. of Health Services

John Thomas Bushman

W7748 County Road V

Lake Mills WI 53551-9643

		195 lbs	5' 10"
LSR-1283	Exp: 04/22/2012	03/03/1965	Male

Training due by: 04/22/2014



LEAD(PB) INSPECTOR

Issued By

STATE OF WISCONSIN

Dept. of Health Services

Brett A Jungen

W7748 County Road V

Lake Mills WI 53551-9643

		240 lbs	5' 10"
LII-15200	Exp: 05/19/2011	01/20/1976	Male

Training due by: 05/19/2012



LEAD(PB) INSPECTOR

Issued By

STATE OF WISCONSIN

Dept. of Health Services

Jeremy Robert Noegel

W7748 County Road V

Lake Mills WI 53551-9643

		185 lbs	6' 00"
LII-105450	Exp: 05/19/2011	02/10/1977	Male

Training due by: 05/19/2012