



DEPARTMENT OF HEALTH & HUMAN SERVICES

Program Support Center

Federal Occupational Health Service
PO Box 25145
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Denver Federal Center
Denver Co 80225-0145
Phone: 303-236-0076 x 603
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July 9, 2010

LGN B1080473

Charles Wiles, Jr.
VAMC Martinsburg
Engineering Ser. (613/138S)
510 Butler Avenue
Martinsburg, WV 25414

Dear Mr. Wiles:

Enclosed are the results of the analysis of 19 bulk materials from Department of Veterans Affairs VAMC Building 500, Martinsburg, submitted to the Division of Federal Occupational Health (DFOH) National Environmental Reference Laboratory (NERL) Asbestos/Fine Particle Analytical Division in Denver, Colorado, for asbestos analysis. These samples were received at NERL on July 8, 2010. The methods used for this evaluation involve stereo- and polarized-light microscopy (PLM) in compliance with guidelines established by EPA in its Method For The Determination Of Asbestos In Bulk Building Materials (EPA-600/R-93-116). The DFOH laboratory services are currently accredited for bulk asbestos analysis by the National Voluntary Laboratory Accreditation Program (NVLAP) of the National Institute of Standards and Technology (NIST). This report may not be used to claim product endorsement by NVLAP or other U.S. Government agency. This report may not be reproduced except in full, without the written approval of NERL. **Our NVLAP laboratory code number is 101593-0.**

The results given, which pertain only to the materials submitted for testing, are listed in Table 1. Details of this report will not be issued to any person or agency not associated with you or the DVA. The EPA method guidelines were developed for use in evaluating friable materials. Point-count reanalysis of materials is recommended to confirm trace or low-percentage PLM results. If you have questions regarding the content of this report, analytical procedures or methods, asbestos evaluation or abatement, please contact NERL directly at (303) 236-3455 ext 603.

LABORATORY COORDINATOR

MARK A. STEINER MS
Geologist/Microscopist

LABORATORY DIRECTOR

LT. ROBERT A. GIBBS MS REHS
Senior Program Manager

TABLE 1

DIVISION OF FEDERAL OCCUPATIONAL HEALTH
NERL/AFPAD POLARIZED LIGHT MICROSCOPY (PLM) BRANCH

LGN: B1080473

PROJECT I.D.: Department Veterans Affairs
VA Medical Center Building 500, 5th Floor
Martinsburg, West Virginia

REPORT DATE: July 8, 2010

NVLAP LAB CODE: 101593-0

SAMPLE NUMBER	ASBESTOS PRESENT?	-----Estimated % Composition-----		
		ASBESTIFORM MINERAL FIBERS	OTHER FIBROUS CONSTITUENTS	TOTAL % ASBESTOS
0706105005CEWB001: Yes				
Duct Mastic: off white, homogeneous, nonfriable, nonfibrous		Chrysotile 2-4	None	2-4
0706105005CEWB002: Yes				
Sealant: light brown, homogeneous, nonfriable, nonfibrous		Chrysotile 2-4	None	2-4
0706105005CEWB003: No				
Insulation: light gray, homogeneous, friable, fibrous		None Detected	Fibrous glass 45	0
0706105005CEWB004: No				
Ceiling Tile: buff/white, heterogeneous, friable, fibrous		None Detected	Cellulose 50 Fibrous Glass 20	0
0706105005CEWB005: No				
Fire Stop: red, homogeneous, nonfriable, nonfibrous		None Detected	Fibrous glass 3	0
0706105005CEWB006: No				
Base Cove: brown, homogeneous, nonfriable, nonfibrous		None Detected	None	0
0706105005CEWB007: No				
Mastic: light brown, homogeneous, nonfriable, nonfibrous		None Detected	None	0

TABLE 1
(CONTINUED)

SAMPLE NUMBER	ASBESTOS PRESENT?	-----Estimated % Composition-----		
		ASBESTIFORM MINERAL FIBERS	OTHER FIBROUS CONSTITUENTS	TOTAL % ASBESTOS
0706105005CEWB008: Yes				
Floor Tile: cream, homogeneous, nonfriable, nonfibrous		Chrysotile 1-2	None	1-2
0706105005CEWB009: Yes				
Mastic: black, homogeneous, nonfriable, nonfibrous		Chrysotile 5-10	None	5-10
0706105005CEWB010: Yes				
Duct Mastic: off white, homogeneous, nonfriable, nonfibrous		Chrysotile 3-6	None	3-6
0706105005CEWB011: Yes				
Sealant: light brown, homogeneous, nonfriable, nonfibrous		Chrysotile 1-2	None	1-2
0706105005CEWB012: No				
Fire Stop: red, homogeneous, nonfriable, nonfibrous		None Detected	Fibrous glass 3	0
0706105005CEWB013: Yes				
Floor Tile: cream, homogeneous, nonfriable, nonfibrous		Chrysotile 1-2	None	1-2
0706105005CEWB014: Yes				
Mastic: black, homogeneous, nonfriable, nonfibrous		Chrysotile 4-8	None	4-8
0706105005CEWB015: No				
Base Cove: gray, homogeneous, nonfriable, nonfibrous		None Detected	None	0
0706105005CEWB016: No				
Mastic: dark brown, homogeneous, nonfriable, nonfibrous		None Detected	None	0

TABLE 1
(CONTINUED)

SAMPLE NUMBER	ASBESTOS PRESENT?	-----Estimated % Composition-----		
		ASBESTIFORM MINERAL FIBERS	OTHER FIBROUS CONSTITUENTS	TOTAL % ASBESTOS
<hr/>				
0706105005CEWB017: No				
Insulation: white/metallic, heterogeneous, friable, fibrous	None Detected	Cellulose 22 Fibrous glass 3	0	
<hr/>				
0706105005CEWB018: No				
Ceiling Tile: buff/white, heterogeneous, friable, fibrous	None Detected	Cellulose 35 Fibrous Glass 30	0	
<hr/>				
0706105005CEWB019: No				
Insulation: white/metallic, heterogeneous, friable, fibrous	None Detected	Cellulose 8 Fibrous glass 2	0	
<hr/>				
END OF DOCUMENT				

US PUBLIC HEALTH SERVICE, FEDERAL OCCUPATIONAL HEALTH CHAIN-OF-CUSTODY / FIELD DATA SHEET

National Environmental Reference Laboratory			PROJECT REFERENCE			For Lab Use Only			Conditions on Receipt with Name & Date		
Building 41, Room 180, POB 25145 Denver Federal Center Denver, CO 80225-0145			Agreement No.: D8H02 VA 35114			Project Report #: B1080473			Project Name & Date		
Tel: (303)-236-3455 ext. 803 Fax: (303)-236-3440			Statement of Work No.: S 613-C00012			Due Date:			Samples Received Chilled? YES NO (circle one)		
Attn: Mark A. Storrer			Project No.: P			Which Sample Codes?			Turn Around Time Codes*		
Contact Information			Agency/Project No.: B06 500 500 FLOOR			Container Types:			STD- Standard		
Name: CHARLES WILES VANC MARTINSBURG			Name: ASBESTOS SURVEY			P- Plastic, G- Glass, V- VOC			R- Rush		
Address: 510 BUTLER AVE, MARTINSBURG, WV 25405			Location: VANC MARTINSBURG			Preservatives:			2D- Two Day Rush		
Phone/Fax: 304-263-0811 / 304-262-7436			(City, State): MARTINSBURG W.V.			A-None, B-H ₂ SO ₄ , C-HNO ₃ , D-NaOH			ND- Next Day Rush		
Email: Charles.Wiles@va.gov			Sample Location / Description			Wipe Area (sq ft)			SD- Same Day Rush		
ID #	Sample	Flow (L/min)	Time (min)	Volume (liters)	Water Volume (liters)	Turn Around Time	Lab ID #	Analysis Requested			
0706105005CEW B001	WEST END							PLM			
0706105005CEW B002	WHITE DUCT MASTIC							PLM			
0706105005CEW B003	WEST END							PLM			
0706105005CEW B004	SEAM SEAL ON VAN BOX							PLM			
0706105005CEW B005	WEST END							PLM			
0706105005CEW B006	SPRAY ON FIRE PROOFING							PLM			
0706105005CEW B007	CEILING TILE (CTS)							PLM			
0706105005CEW B008	WEST END BY ROOM 58-12							PLM			
0706105005CEW B009	RED FIRE STOP							PLM			
0706105005CEW B010	SOUTH WEST CORNER BEHIND DOOR							PLM			
0706105005CEW B011	4" BROWN BASE BOARD							PLM			
0706105005CEW B012	SOUTH WEST CORNER BEHIND DOOR							PLM			
0706105005CEW B013	MASTIC FOR BOOG							PLM			
0706105005CEW B014	SOUTH WEST CORNER BEHIND DOOR							PLM			
0706105005CEW B015	FLOOR TILE FT15							PLM			

COMMENTS: ASBESTOS BULK SAMPLES: PLEASE ANALYZE PLM 600R-93/VL 24 HR TURN AROUND
 * Applied to non viable microbiological samples only. Applied to asbestos samples, SD: 2-hour PLM/PCM, 6-hour TEM; ND: 24 hour; R: 3-5 business days.

U.S. DEPARTMENT OF HEALTH, FEDERAL OCCUPATIONAL HEALTH DATA SHEET

National Environmental Reference Laboratory						PROJECT REFERENCE				For Lab Use Only				Conditions on Receipt with Name & Date			
Building 41, Room 180, POB 25445 Denver Federal Center Denver, CO 80225-0145 Tel: (303)-236-3455 ext. 403 Fax: (303)-236-3440 Attn: Mark A. Storrer						Agreement No.: Statement of Work No.: Project No:				Project Report #: Due Date:				Samples Received Chilled? YES NO (select one)			
Name: CHARLES WILKES VANC MARTINSBURG Address: 510 BUTLER AVE MARTINSBURG WV 25405 Phone/Fax: 304-263-0811 / 304-262-7436 Email: CHARLES.WILKES JR @ VA.GOV						Agency/Project No: Name: Location (City, State):				Water Sample Codes: Container Types: Preservatives: Turn Around Time Codes: STD - Standard R - Rush 2D - Two Day Rush <u>ND - Next Day Rush</u> SD - Same Day Rush WH - Weekend/Holiday				Analyses Requested			
ID #	Sample	Sample Location / Description	Room/Area	Air Flow (CFM) (min)	Time (min)	Volume (Liters)	Wipe Area (sq ft)	Water Volume (Liters)	Code	Turn Around Time	Lab ID #						
070610500SCEN/B009		SOUTH WEST CORNER BEHIND POOL	SB-C6 Room/Area									PL M					
070610500SCEN/B010		MASTIC FOR BOOR - FT 151 BETWEEN ROOMS SB 125 & SB 126	SB-C5 Room/Area									PL M					
070610500SCEN/B011		WHITE DUCT MASTIC BETWEEN ROOMS SB 125 & SB 126	SB-C5 Room/Area									PL M					
0706105005CEN/B012		SEAM SEALANT ABOVE DOOR TO SB 126	SB-C5 Room/Area									PL M					
0706105005CEN/B013		RED FIRESTOP EAST SIDE OF DOOR BENEATH CARPET SQUARES	SB-R26 Room/Area									PL M					
0706105005CEN/B014		FLOOR TILE FT 15 EAST SIDE OF DOOR BENEATH CARPET SQUARES	SB-R26 Room/Area									PL M					
0706105005CEN/B015		FLOOR TILE MASTIC-BLACK EAST SIDE OF DOOR BENEATH CARPET SQUARES	SB-R26 Room/Area									PL M					
0706105005CEN/B016		4" GRAY BASE BOARD EAST SIDE OF DOOR BENEATH CARPET SQUARES	SB-R26 Room/Area									PL M					
0706105005CEN/B016		BASE BOARD MASTIC DARK BROWN	SB-R26 Room/Area									PL M					

Comments:

1-Air 2-Water 3-Paint 4-Seal 5-Dust 6-Bulk 7-Wipe 8-Contact Plate 9-Tape 10-Spores Trap (Zoon & others) 11-Germ

Sample Type Codes:

Sample Media Codes:

1-Chlorox 2-XAD 3-Matched Weight 4-Presweighed 5-MEA 6-CCA 7-RATISA 8-AA-O Cell Cartridge 9-MCE Cassette (3.4E) 10-MCE Cassette (0.2) 11-MCE Filter 12 Other

Requisitioned By: *Charles Wilkes Jr.*

Date & Time: 7/7/10 1420

Received By: *Vin Jones*

Date & Time: 7/9/2010

COMMENTS:	ASBESTOS BULK SAMPLES: PLEASE ANALYZE PLM 600R-93/16	24 HR TURN AROUND
Applied to your tickets as described.		

Applied to asbestos samples only, SD : 2-hour PLM/PCM, 6-hour TEM; MD : 24-hour, R: 3-5 business days.

US PUBLIC HEALTH SERVICE, FEDERAL OCCUPATIONAL HEALTH CHAIN-OF-CUSTODY / FIELD DATA SHEET

National Environmental Reference Laboratory Building 41, Room 190, POB 25145 Denver Federal Center Denver, CO 80225-0145 Tel: (303)-236-3455 ext. 403 Fax: (303)-236-3440 Attn: Mark A. Steiner Contact Information: Name: CHARLES WILES VANC MARTINSBURG Address: 510 BUTLER AVE, MARTINSBURG, WV 25405 Phone/Fax: 304-263-0811 / 304-262-7436 Email: CHARLES.WILES@va.gov		PROJECT REFERENCE Agreement No.: D8H02 VA 35114 Statement of Work No.: 613-C00012 Project No.: Agency/Project Name: BUDG 900 31K FLOW ASBESTOS SURVEY Location (City, State): VANC MARTINSBURG MARTINSBURG W.V.		For Lab Use Only Project / Report #: 136080473 Due Date: Samples Received Chilled? YES NO (circle one) Wipes Sample Codes: Container Types: P-Plastic, G-Glass, V-VOC Preservatives: A-NaOH, B-H ₂ SO ₄ , C-HNO ₃ , D-NaOH Turn Around Time Codes: STD- Standard R- Rush 2D- Two Day Rush ND- Next Day Rush SD- Same Day Rush WH- Weekend/Holiday		Analysis Requested					
ID #	Sample	Sample Location / Description	Flow (L/min)	Time (min)	Volume (L)	Area (sq ft)	Volume (L)	Code	Turn Around Time	Lab ID #	Date & Time
0706105005CEN B017	Room/Area	ABOVE CEILING TILE AND HEATING SUPPLY								PLM	7/9/2010
0706105005CEN B018	Room/Area	PIPE INSULATION SADDLE ABOVE DOOR								PLM	7/9/2010
0706105005CEN B019	Room/Area	CEILING TILE ABOVE CEILING AND HEATING SUPPLY								PLM	7/9/2010
	Room/Area	PIPE INSULATION SADDLE									
	Room/Area										
	Room/Area										
	Room/Area										
	Room/Area										
	Room/Area										

Asbestos Bulk Samples: PLEASE ANALYZE PLM 600R-93/16 24 HR TORN AROUND
 * Applied to non viable microbiological samples only * Applied to asbestos samples, SD: 2-hour PLM/PCM, 6-hour TEM, ND: 24 hour, R: 3-5 business days



Environmental Laboratory Denver

PO Box 25145, Bldg. 41, Rm. 190
Denver, CO 80225-0145

Invoice No.

INVOICE

Customer

Name	VA Medical Center	Michelle Stemmons
Address	510 Butler Avenue	
City	Martinsburg	State WV ZIP 25414
Phone	304.263.0811	Charles Wiles Jr

Date	7/9/2010
STM Agrmt	A105756
Rep	MA Steiner
STM S/P	S105767/P134197

Qty	Description	Unit Price	TOTAL
19	EPA/PLM Martinsburg, WV Department of Veterans Affairs VAMC Bldg 500 5th LGN B1080473 FYI. THIS IS NOT A BILL. NOTE: THE AMOUNTS ABOVE HAVE BEEN BILLED TO YOUR POIS AGREEMENT REFERENCED ABOVE IN ORDER NO. BLOCK	\$12.00	\$228.00

Payment Details

- ☒ OPAC
☐ SF1080
☐ Credit Card

Name _____
CC # _____
Expires _____

SubTotal	\$228.00
Shipping & Handling	\$0.00
Taxes	
TOTAL	\$228.00

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