



DEPARTMENT OF HEALTH & HUMAN SERVICES

Program Support Center

Federal Occupational Health Service
PO Box 25145
Bldg 41, Ent E-1, Rm 190
Denver Federal Center
Denver Co 80225-0145
Phone: 303-236-0076 x 603
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March 17, 2011

LGN B1181234

Charles Wiles, Jr.
Department of Veterans Affairs
510 Butler Ave.
Martinsburg, WV 25405

Dear Mr. Wiles:

Enclosed are the results of the analysis of 9 bulk materials from VAMC Martinsburg Bldg 502E, 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 March 15, 2011. 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 SSA. 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

FOR: QUE PHAM
PLM Microscopist

LABORATORY DIRECTOR

Robert A. Gibbs

LCDR ROBERT A. GIBBS MS REHS
Senior Program Manager

TABLE 1

DIVISION OF FEDERAL OCCUPATIONAL HEALTH

NERL/AFPAD POLARIZED LIGHT MICROSCOPY (PLM) BRANCH

LGN: B1181234

PROJECT I.D.: Department of Veterans Affairs, VAMC Martinsburg
Asbestos Survey, Bldg 502E
Martinsburg, West Virginia

REPORT DATE: March 17, 2011

NVLAP LAB CODE: 101593-0

| SAMPLE NUMBER | ASBESTOS PRESENT? | --Calibrated Visual Estimate Percentage-- | | |
|--|----------------------|---|---------------------------------|---------------------|
| | | ASBESTIFORM MINERAL FIBERS | OTHER FIBROUS CONSTITUENTS | TOTAL % ASBESTOS |
| 031111502ECEWB001: Yes Glue Dot: gray, homogeneous, nonfriable, nonfibrous | | Chrysotile 6-8 | None | 6-8 |
| 031111502ECEWB002: Yes Glue Dot: gray, homogeneous, nonfriable, nonfibrous | | Chrysotile 6-8 | None | 6-8 |
| 031111502ECEWB003: Yes Seam Sealant: phlegm, homogeneous, nonfriable, fibrous | | Chrysotile 10-15 | None | 10-15 |
| 031111502ECEWB004: Yes Glue Dot: gray, homogeneous, nonfriable, nonfibrous | | Chrysotile 5-7 | None | 5-7 |
| 031111502ECEWB005: Yes Seam Sealant: phlegm, homogeneous, nonfriable, fibrous | | Chrysotile 10-15 | None | 10-15 |
| 031111502ECEWB006: No Pipe Saddle: white, heterogeneous, friable, fibrous | | None Detected | Synthetic 20 Fibrous Glass 5 | 0 |
| 031111502ECEWB007: No Pipe Saddle: white, heterogeneous, friable, fibrous | | None Detected | Synthetic 20 Fibrous Glass 5 | 0 |
| 031111502ECEWB008: No Cap Mastic: white, homogeneous, nonfriable, nonfibrous | | None Detected | Polyethylene 10 | 0 |

| --Calibrated Visual Estimate Percentage-- | | | | |
|--|----------------------|-------------------------------|-------------------------------|---------------------|
| SAMPLE NUMBER | ASBESTOS PRESENT? | ASBESTIFORM MINERAL FIBERS | OTHER FIBROUS CONSTITUENTS | TOTAL % ASBESTOS |
| 031111502ECEWB009: No | | | | |
| Cap Mastic: white, homogeneous, nonfriable, nonfibrous | | None Detected | Polyethylene 10 | 0 |
| 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 190, POB 25145 Denver Federal Center Denver, CO 80225-0145 | | | | Agreement No.: A D8H02VA3514 | | | | Project Report #: B1181234 | | | | Date: 3-15-11 1820 | | | |
| Tel: (303)-226-3455 ext. 603 Fax: (303)-238-3440 | | | | Statement of Work No.: S G13-C10018 | | | | Due Date: | | | | Samples Received Chilled? YES NO (circle one) | | | |
| Attn: Mark A. Steiner | | | | Project No.: P | | | | Water Sample Codes: | | | | Turn Around Time Codes: | | | |
| Contact Information | | | | Agency/Project: ASBESTOS SURVEY | | | | Container Types: | | | | Analysis Requested | | | |
| Name: CHARLES WILES VANC MARTINSBURG | | | | Name: BDC 502E | | | | P-Plastic, G-Glass, V-VOC | | | | STD- Standard | | | |
| Address: 510 BUTLER AVE MARTINSBURG WV 25405 | | | | Location: VANC MARTINSBURG | | | | Preservatives: | | | | R- Rush | | | |
| Phone/Fax: 304-263-0811 / 304-262-7436 | | | | (City, State): MARTINSBURG W.V. | | | | A-HNO ₃ , B-H ₂ SO ₄ | | | | 2D- Two Day Rush | | | |
| Email: CHARLES.WILES@epa.gov | | | | | | | | C-HNO ₃ , D-NaOH | | | | 1D- Next Day Rush | | | |
| Sample | | | | Sample Location / Description | | | | Wipe | | | | Water | | | |
| ID # | Room/Area | Sample | Flow (L/min) | Time (min) | Volume (Liters) | Area (in ²) | Volume (Liters) | Code | Turn Around Time | Lab ID # | | | | | |
| 031111502ECEW B001 | Room/Area 502E E-120 | AHU #1 | | | | | | | | | | | PLM | | |
| 031111502ECEW B002 | Room/Area 502E E-120 | PIN GLUE DOT MASTIC AHU #3 | | | | | | | | | | | PLM | | |
| 031111502ECEW B003 | Room/Area 502E E-120 | PIN GLUE DOT MASTIC AHU #3 | | | | | | | | | | | PLM | | |
| 031111502ECEW B004 | Room/Area 502E E-120 | SEAM SEALANT (PHLEGM) TOPOF AHU #3 | | | | | | | | | | | PLM | | |
| 031111502ECEW B005 | Room/Area 502E E-120 | PIN GLUE DOT MASTIC DEBRIS BACKSIDE AHU #3 | | | | | | | | | | | PLM | | |
| 031111502ECEW B006 | Room/Area 502E E-120 | SEAM SEALANT | | | | | | | | | | | PLM | | |
| 031111502ECEW B007 | Room/Area 502E E-120 | CHILLED WATER SUPPLY PIPE SADDLE | | | | | | | | | | | PLM | | |
| 031111502ECEW B008 | Room/Area 502E E-120 | CHILLED WATER RETURN PIPE SADDLE | | | | | | | | | | | PLM | | |
| 031111502ECEW B009 | Room/Area 502E E-120 | CHILLED WATER SUPPLY END CAP MASTIC | | | | | | | | | | | PLM | | |

ASBESTOS BULK SAMPLES: PLEASE ANALYZE PLM 600R-93/116 24 HR TURN AROUND

* Applied to non viable microbiological samples only * Applied to asbestos samples, SD: 7-hour PLM/PCM, 6-hour TEM, ND: 24 hour, R: 3-5 business days.

[illegible]

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 PLAMPAL, 6-hour TEAL MD-24 hour, R: 2-5 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 3/17/2011
STM Agrmt A105756
Rep QT Pham
STM S/P S140466/P140667

| Qty | Description | Unit Price | TOTAL |
|--|---|------------|----------|
| 9 | EPA/PLM Martinsburg, WV Department of Veterans Affairs VAMC Bldg 502E Survey LGN B1181234 FYI. THIS IS NOT A BILL. | \$12.00 | \$108.00 |
| NOTE: THE AMOUNTS ABOVE HAVE BEEN BILLED TO YOUR POIS AGREEMENT REFERENCED ABOVE IN ORDER NO. BLOCK | | | |

Payment Details

- ☒ OPAC
☐ SF1080
☐ Credit Card

Name

CC #

Expires

| | |
|---------------------|-----------------|
| SubTotal | \$108.00 |
| Shipping & Handling | \$0.00 |
| Taxes | |
| TOTAL | \$108.00 |

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