



ASBESTOS-CONTAINING MATERIAL (ACM) SURVEY AND ABATEMENT COST ESTIMATE

BLM Task Order 135, BPA L09PA00228 (NAB060001 Legacy Number)



L3543 MONTROSE WAREHOUSE (WEST)
38.45965 / -107.86798
UNCOMPAHGRE FIELD OFFICE COLORADO

Report Date	February 18, 2010
Site Survey Date	September 29, 2009
ACM Identified in Building?*	Yes
ACM Abatement Cost Estimate*	\$9,500

** Subject to the assumptions and limitations as described in the following report.*

Submitted by:

Aarcher, Inc.
910 Commerce Road
Annapolis, Maryland 21401
410-897-9100
Program Manager: Mark R. Serio, PG

Submitted to:

U.S. Department of the Interior
Bureau of Land Management
Attn: Suzanne Buntrock, Engineer
Building 50, Denver Federal Center
Denver, Colorado 80225-0047

February 18, 2010

Aarcher, Inc.
Mr. Mark Serio
Vice President
910 Commerce Road
Annapolis, Maryland 21401

Re: Asbestos-Containing Materials Survey and Asbestos Abatement Cost Estimates
L3543 - Montrose Warehouse (West)
Uncompahgre Field Office, Colorado
ATC Project Number 35.21320.0001, Task 00025

Dear Mr. Serio:

ATC Associates Inc. (ATC) is pleased to submit the attached Asbestos-Containing Materials Survey and Asbestos Abatement Cost Estimates report for the above-referenced site. This report includes the scope of work, procedures and methodologies, tables, figures, analytical laboratory results, and abatement cost for each asbestos-containing material identified during this survey.

ATC appreciates the opportunity to perform these services for Aarcher, Inc. (AARCHER) and we look forward to working with you in the future. In the meantime if you have questions or comments regarding the information in this report or if we can be of further assistance please do not hesitate to contact the ATC Centennial, Colorado office at (303) 799-6100.

Sincerely,
ATC Associates Inc.



Name: Jen Tomas
Title: Technical Writer



Name: Fritz Leonard
Title: Building Sciences Division Manager
AHERA Inspector/Management
Planner/Project Designer #15149

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CAUTION

These photos may not represent all the asbestos-containing materials (ACM) found at this facility. For a complete list of identified ACMs at this facility see Section 5.

1.0 PURPOSE AND SCOPE OF SERVICES

The purpose of this project was to conduct an Asbestos-Containing Materials (ACM) survey and provide Asbestos Abatement Cost Estimates for identified ACM located in the L3543 - Montrose Warehouse (West) located at Uncompahgre Field Office, Colorado. ATC Associates Inc. (ATC) provided the services as outlined below:

Conduct a representative asbestos survey of the identified building, which includes the following:

1. Review existing asbestos reports for the building areas, if provided;
2. Survey all of the interior and exterior areas of the building, including building roofs;
3. Identify accessible suspect ACMs using Environmental Protection Agency (EPA) Asbestos Hazard Emergency Response Act (AHERA) protocols;
4. Collect and analyze bulk samples of suspect friable and non-friable materials to eliminate suspect materials as asbestos containing;
5. Quantify ACMs, including material condition and location; and
6. Provide ACM abatement cost estimates for ACM identified during the survey of the building.

2.0 GENERAL SITE CONDITIONS

The building is a single story, metal/structural steel structure, situated on a concrete foundation, covered by a metal roof. Reportedly, the building was constructed in 1984 and is approximately 5,500 gross square feet. Interior finishes include floor tile, baseboard and mastic, drywall/joint compound, wall texture, putty and frame caulk. The exterior finish is steel.

3.0 REGULATORY STANDARDS

3.1 Asbestos Regulations

The survey was performed in accordance with Federal, State and local rules for conducting asbestos surveys to meet Occupational Safety and Health Administration (OSHA) and United States Environmental Protection Agency (EPA) / National Emission Standards for Hazardous Air Pollutants (NESHAP) requirements. The work was also performed in general accordance with AARCHER Subcontract Number 522-S003, dated August 12, 2009 and Task Order 522-S003-001 (Rev. 9/14/09), dated September 14, 2009.

4.0 ASBESTOS-CONTAINING MATERIALS SURVEY AND ASBESTOS ABATEMENT COST ESTIMATES

ATC representative, Mr. Todd Anderson, Senior Field Manager, an Asbestos Hazard Emergency Response Act (AHERA) Accredited Asbestos Building Inspector/Management Planner/Project Designer, State of Colorado Department of Public Health and Environment (CDPHE) Certification #2157, assisted by Mr. Les Puvathingal, AHERA Accredited Asbestos Building Inspector CDPHE Certification #15037 conducted the asbestos survey of the building on September 29, 2009. All fieldwork was performed under the guidance of Mr. Fritz Leonard, an AHERA Accredited Building Inspector/Management Planner/Project Designer CDPHE Certification #15149.

The scope of the Asbestos-Containing Materials Survey included all of the accessible suspect building materials and finishes of the interior and exterior areas of the building, including building roofs. If ACM was identified in the building, Asbestos Abatement Cost Estimates were provided for each identified material.

Previous ACM survey reports for the building were not made available for review.

The building areas were visually inspected for the presence of building materials that are suspected to contain asbestos. Bulk samples of identified suspect ACMs were collected and placed into individual containers for transport to a National Voluntary Laboratory Accreditation Program (NVLAP)/American Industrial Hygiene Association (AIHA)-accredited laboratory for analysis. Materials visibly identified as non-asbestos (fibrous glass, foam rubber, wood, metal, etc.) were not sampled. The asbestos survey consisted of three basic procedures: **1)** conducting a visual inspection of the structure and identifying functional spaces; **2)** identifying homogeneous material areas of suspect surfacing, thermal system insulation, and miscellaneous materials; and **3)** sampling accessible, friable and non-friable suspect materials.

4.1 Homogeneous Materials

Prior to collecting any samples, homogenous materials were identified and listed to develop a sampling strategy. A homogeneous material sampling area can be described as one or more areas of material that are similar in appearance and texture and that have the same installation date and function. The actual number of samples collected from each homogeneous sampling area was based upon criteria detailed in the following sections.

4.2 Hazard Assessment Factors

From the list of suspect homogeneous materials, a physical assessment was performed for each material on the list. A physical assessment includes evaluating the condition, assessing the potential for disturbance, and determining the friability of each material. Friability is a term used to describe the ease in which a building material inherently lends itself to disturbance. By definition, "friable" materials are those that can be crumbled or reduced to powder by hand pressure when dry. Each material on the list was further classified into one of three categories, which have specific sampling requirements for each category.

Surfacing Materials:	Refers to spray-applied or troweled surfaces such as plaster ceilings and walls, fireproofing, textured paints, textured plasters, and spray-applied acoustical surfaces.
Thermal System Insulation:	Refers to insulation used to inhibit heat gain or loss on pipes, boilers, tanks, ducts, and various other building components.
Miscellaneous Materials:	Refers to friable and non-friable products and materials that do not fit in any of the above two categories such as resilient floor covering, baseboards, mastics, adhesives, roofing material, caulking, glazing, and siding. This category also contains wallboard and joint compound wall systems and acoustical ceiling tile.

All confirmed ACMs were then assessed by their condition as good (no visible damage or showing only very limited damage or deterioration), damaged (less than 25% localized damage

or 10% distributed damage), significantly damaged (25% or greater localized damage or 10% or greater distributed damage) per Title 40 Code of Federal Regulations Part 63.

4.3 Sampling Strategy

The asbestos inspection was conducted in general accordance with the AHERA requirements using a minimum number of samples collected for each homogenous material, which also meets the sampling requirement found in 29 CFR 1926.1101.

If the analytical results indicated that all the samples collected per homogenous material did not contain asbestos, then the homogenous material would be considered a non-ACM. However, if the analytical results of one or more of the samples collected per homogenous material indicate that asbestos is present in quantities of greater than 1 percent asbestos by weight (as defined by EPA), all of the homogenous material would be treated as an ACM regardless of any other analytical results. Material which can visually be determined to be non-asbestos (i.e., fibrous glass, foam rubber, metal, etc.) by the accredited inspector are not required to be sampled.

Miscellaneous materials require adequately representative sampling, which is typically done by collecting from one to three samples per material. Inspectors typically rely on other survey observations such as the condition, friability, and quantity of material to determine what would be a sufficient amount of samples to accurately evaluate the presence or absence of asbestos content. For this survey, three samples per each homogenous miscellaneous material were collected.

Actual collection of a bulk asbestos sample involves physically removing a small piece of material and placing it in a marked, airtight container. Sample containers are marked with a unique identification number, which is also noted in the field notes.

4.4 Suspect Asbestos-Containing Material

Twenty-eight bulk asbestos samples were collected from the building and 33 sample layers were analyzed by Polarized Light Microscopy (PLM) based on the number of distinct layers (materials) associated with each bulk sample. For example, floor tile and associated mastic are collected as one bulk sample but are analyzed as two distinct materials by the asbestos laboratory, as required by NVLAP.

4.5 Laboratory Analytical Results

Bulk samples were analyzed by ATC Associates Inc. Analytical Laboratory located in Centennial, Colorado, using PLM according to EPA method 600/R-93/116. This laboratory participates in the NVLAP, a quality assurance program for PLM, and is accredited by the National Institute of Standards and Technology (NIST).

Any material that contains greater than 1 percent (>1%) asbestos by PLM is considered an ACM and must be handled according to OSHA, EPA, and applicable state and local regulations. In addition, the U.S. Occupational Safety and Health Administration (OSHA) define asbestos as building materials containing between one tenth of one percent and one percent (0.1%-1%).

For friable materials, when the amount of asbestos in the sample material is reported as “None-Detected” by PLM analysis, no further verification of the sample results by Point Counting Methodology is recommended.

For friable materials, when the amount of asbestos in the sample material is reported as “Trace Asbestos Detected” or less than 10% asbestos by PLM analysis, the client may either assume the amount to be greater than 1% and treat the material as ACM or require further verification of the amount by Point Counting Methods. If the result obtained by Point Counting is different from the result obtained by PLM analysis, the Point Count Method result should be used.

For non-friable materials, when the amount of asbestos in the sample material is reported as greater than 1% asbestos by PLM analysis, no further verification of the sample results by alternative methods of identification such as Transmission Electron Microscopy (TEM) Chatfield Method is recommended.

For non-friable materials such as vinyl/asphaltic products (floor tiles/ floor sheeting, mastics, shingles etc), where small, thin asbestos fibers may have been potentially milled into the non-organic binder matrix, when the amount of asbestos in the sample material is reported as “Non-Detected” by PLM analysis, due to the difficulty in analyzing such small, thin asbestos fibers in resinously bound materials by PLM analysis, EPA recommends but does not require that these types of materials, which were reported as non-ACMs by PLM, be further analyzed using TEM Chatfield Method. ATC did not conduct such analysis.

The results of the laboratory analysis are summarized in tabular form in Section 5.0. The laboratory analytical report and corresponding chain-of-custody documents are included in Appendix A. Results are reported in percent asbestos by volume and indicate the types of asbestos. Other common non-asbestos components may also be noted on the analytical reports. A drawing(s) showing bulk sample locations is provided in Appendix B. Inspector and laboratory accreditations are provided in Appendix C. The Bureau of Land Management Facility Spreadsheet is provided in Appendix D and lists whether or not asbestos was identified at the building as well as the presence or absence of asbestos in each of the building materials sampled during for the survey of the building. Appendix E presents photographs of up to two ACM's identified in the building (if present). Appendix E is not intended to show all ACM's identified in the building.

5.0 ASBESTOS-CONTAINING MATERIAL SURVEY AND ASBESTOS ABATEMENT COST ESTIMATES SUMMARY TABLE

ACM BULK SAMPLING RESULTS L3543 - Montrose Warehouse (West) Uncompahgre Field Office, Colorado										
Homogeneous Material	Material Category	Required Number of Samples to be Collected	Number of Samples Collected	Sample Number	Location of Material	Condition	Friable Yes/No	Approximate Material Quantity	Asbestos Content	ACM Abatement Cost Estimate
12” x 12” Floor tile and mastic	M	3	3	MWW – 14, 15, 16	Eye wash station, Office, Hallway, Women’s shower and locker, Men’s shower and locker	G	No	880 SF	15%	\$6,000.00
Drywall/joint compound	M	3	3	MWW – 1, 2, 3	Eye wash station, Herbarium, Office, Hallway, Entrance, Women’s shower and locker, Men’s shower and locker, Flammable storage, Warehouse	G	No	4,685 SF	ND	\$0.00
Wall texture	SM	5	7	MWW – 4, 5, 6, 7, 8, 9, 10	Eye wash station, Herbarium, Office, Hallway, Entrance, Women’s shower and locker, Men’s shower and locker, Flammable storage	G	No	4,285 SF	ND	\$0.00
Black baseboard and mastic	M	3	3	MWW – 11, 12, 13	Eye wash station, Office, Hallway, Entrance, Women’s shower and locker, Men’s shower and locker	G	No	270 LF	ND	\$0.00
Red putty	M	3	3	MWW -17, 18, 19	Flammable storage	G	No	1 SF	ND	\$0.00
Frame caulk	M	3	3	MWW – 20, 21, 22	Exterior	G	No	60 LF	ND	\$0.00
Roof seam sealant	M	3	3	MWW – 23, 24, 25	Roof	G	No	440 LF	10%	\$3,500.00
Roof penetration sealant	M	3	3	MWW – 26, 27, 28	Roof	G	No	8 SF	ND	\$0.00
AHERA GUIDELINES FOR DETERMINING THE NUMBER OF SAMPLES TO TAKE						ND = None Detected N/A = Not Applicable <u>MATERIAL CATEGORY</u> M = Miscellaneous Material SM = Surfacing Material TSI = Thermal System Insulation <u>APPROXIMATE MATERIAL QUANTITIES</u> SF = Square Feet LF = Linear Feet Ea. = Each <u>CONDITION</u> G = Good D = Damaged SD = Significantly Damaged				
<u>HOMOGENOUS MATERIAL CATEGORY</u>			<u>HOMOGENOUS MATERIAL AREA SIZE</u>		<u>NUMBER OF SAMPLES REQUIRED</u>					
Surfacing Materials			<1,000 SF		3					
			1,000-5,000 SF		5					
			>5,000 SF		7 or more					
Thermal System Insulation			No Stipulation		3 (Must also sample all repair patches)					
Miscellaneous Materials			No Stipulation		Per AHERA, these materials must be sampled "in a manner sufficient to determine whether or not they contain asbestos." To satisfy National Emission Standards for Hazardous Air Pollutants (NESHAP) requirements, a minimum of 3 samples were collected.					

6.0 CONCLUSIONS

The results of the asbestos survey conducted at the L3543 - Montrose Warehouse (West), Uncompahgre Field Office, Colorado facility building indicate that: two of the accessible suspect building materials sampled were found to contain more than 1% asbestos.

Contractors and employees working in this building should be made aware of the possibility that concealed ACMs may be found during demolition/renovation. They should be advised not to disturb known or suspect ACMs without owner approval.

Any concealed building materials discovered during maintenance or renovation activities, which are suspected to contain asbestos, should be sampled and analyzed to confirm the presence of asbestos prior to disturbing.

The EPA *has not prohibited* the manufacture and import of miscellaneous materials, such as vinyl floorings, mastics, roofing materials, etc. As a result, any future replacement materials should be checked for the presence of asbestos prior to installation.

7.0 ASSUMPTIONS AND LIMITATIONS

The results, findings, conclusions, and recommendations expressed in the report are based only on conditions that were noted during ATC's inspection of the L3543 - Montrose Warehouse (West) building located at the Uncompahgre Field Office, Colorado.

The selection of sample locations and frequency of sampling was based on ATC's observations and the assumption that like materials in the same area are homogeneous in content. Limited destructive investigation was conducted as needed. Concealed ACMs may exist in concealed areas not investigated or identified.

The report is designed to aid the client in understanding the extent of ACM issues as they pertain to the "Recognition and Measurement of Asbestos-Related Cleanup Costs," Technical Bulletin 2006-1, prepared by the Federal Accounting Standards Advisory Board, dated September 28, 2006 and to the renovation/demolition areas of the facility building areas. It should be noted that this report is not a complete Asbestos Abatement Specification or Work Plan.

Our professional services have been performed, our findings obtained, and our conclusions prepared in accordance with customary principles and practices in the fields of environmental science and engineering. This statement is in lieu of other statements either expressed or implied. This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not investigated.

Asbestos abatement cost estimates were obtained from asbestos abatement contractors who have not visited the site and have not seen the ACM to be abated. The costs provided herein, are magnitude estimates of costs with the following assumptions made:

- Assumes free and clear access to the work area during working hours.
- Assumes one mobilization to complete the abatement of one ACM.
- Assumes both power and water at no cost to contractor.
- Assumes protect in place all above ceiling electrical wiring, fire alarm, and wifi cables.
- Does not include the demolition of any building components other than the ACM.
- Pricing assumes that any required inspections and air testing is provided by the building owner or owners representative.
- Assumes that no special conditions are added by any state, or local regulatory agency.
- Work hours 7:00 am to 5:00 pm Monday through Friday.
- Not be held responsible for packaging, moving or damage to items being moved, nor for providing storage and or inventory of these items. If storage or inventory is needed the owner will provide what is necessary. Responsibility of any personal items is the owners.
- No delays interfering with the diligent execution of the work beyond contractors control will be encountered.

APPENDIX A

ACM LABORATORY ANALYTICAL RESULTS



ANALYTICAL REPORT

Prepared for:

AARCHER
910 Commerce Road
Annapolis, MD 21401

Project: L3543/Montrose Warehouse (West)
Order#: 0010419
Report Date: 10/10/2009



8985 E. Nichols Avenue, Suite 350
Centennial, CO 80112
www.atc-enviro.com
303.799.6100
Fax 303.799.3441

PLM REPORT SUMMARY

NVLAP Lab Code 102031
AIHA Lab Code 101536

Customer:

Mark Serio
AARCHER
910 Commerce Road
Annapolis MD 21401

ATC Job No.: 35.213200.0001 Task 0025

Batch No.: 0010419

Report Date: 10/10/2009

Sample Date: 09/29/2009

Date Analyzed: 10/10/2009

Project: L3543/Montrose Warehouse (West)

Customer Project No.:

Identification: N/A

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

Page 1 of 5

Client No.	Lab No.	Sample Description / Location	Asbestos Content
MWW-1	0010419-001	LAYER 1 Joint Compound, White Warehouse	None Detected
MWW-1	0010419-001	LAYER 2 Drywall, White/ Brown Warehouse	None Detected
MWW-2	0010419-002	LAYER 1 Joint Compound, White Women's Shower Locker	None Detected
MWW-2	0010419-002	LAYER 2 Drywall, White/ Brown Women's Shower Locker	None Detected
MWW-3	0010419-003	LAYER 1 Joint Compound, White Office	None Detected
MWW-3	0010419-003	LAYER 2 Drywall, White/ Brown Office	None Detected
MWW-4	0010419-004	Wall Texture, White Eye Wash Station	None Detected
MWW-5	0010419-005	Wall Texture, White Herbarium	None Detected

These samples were analyzed by layers. Specific layer or component asbestos content is indicated when relevant. The EPA considers a material to be asbestos containing only if it contains more than one percent asbestos by Calibrated Visual Area Estimation (CVAE). EPA regulations also indicate that Regulated Asbestos Containing Materials (RACM) -- materials which are friable or may become friable -- be further analyzed by point counting when the results indicate less than ten percent asbestos by CVAE. Our laboratory utilizes CVAE on a routine basis and does not include point counting unless specifically requested. The results may not be reproduced except in full, and should not be used as a scope of work for abatement without consulting with ATC.



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Customer Project No.:

Identification: N/A

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

Page 2 of 5

Client No.	Lab No.	Sample Description / Location	Asbestos Content
MWW-6	0010419-006	Wall Texture, White Office	None Detected
MWW-7	0010419-007	Wall Texture, White Hallway	None Detected
MWW-8	0010419-008	Wall Texture, White Entrance	None Detected
MWW-9	0010419-009	Wall Texture, White Women's Shower & Locker	None Detected
MWW-10	0010419-010	Wall Texture, White Men's Shower & Locker	None Detected
MWW-11	0010419-011	LAYER 1 Baseboard, Black Hallway	None Detected
MWW-11	0010419-011	LAYER 2 Baseboard Mastic, Yellow Hallway	None Detected
MWW-12	0010419-012	LAYER 1 Baseboard, Black Men's Shower & Locker	None Detected

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MWW-12	0010419-012	LAYER 2 Baseboard Mastic, Yellow Men's Shower & Locker	None Detected	
MWW-13	0010419-013	LAYER 1 Baseboard, Black Office	None Detected	
MWW-13	0010419-013	LAYER 2 Baseboard Mastic, Yellow Office	None Detected	
MWW-14	0010419-014	LAYER 1 12"x12" Floor Tile, Beige Men's Shower & Locker	None Detected	
MWW-14	0010419-014	LAYER 2 12"x12" Floor Tile Mastic, Black Men's Shower & Locker	Chrysotile	15%
MWW-15	0010419-015	12"x12" Floor Tile, Beige Note: Floor Tile Only Eye Wash Station	None Detected	
MWW-16	0010419-016	12"x12" Floor Tile, Beige Note: Floor Tile Only Women's Shower & Locker	None Detected	

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Customer Project No.:

Identification: N/A

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

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Client No.	Lab No.	Sample Description / Location	Asbestos Content	
MWW-17	0010419-017	Putty, Red Flammable Storage	None Detected	
MWW-18	0010419-018	Putty, Red Flammable Storage	None Detected	
MWW-19	0010419-019	Putty, Red Flammable Storage	None Detected	
MWW-20	0010419-020	Caulking-Frame, Gray Exterior	None Detected	
MWW-21	0010419-021	Caulking-Frame, Gray Exterior	None Detected	
MWW-22	0010419-022	Caulking-Frame, Gray Exterior	None Detected	
MWW-23	0010419-023	Roof Seam Sealant, Gray Roof	Chrysotile	10%
MWW-24	0010419-024	Roof Seam Sealant, Gray Note: Sample Not Analyzed Roof		

These samples were analyzed by layers. Specific layer or component asbestos content is indicated when relevant. The EPA considers a material to be asbestos containing only if it contains more than one percent asbestos by Calibrated Visual Area Estimation (CVAE). EPA regulations also indicate that Regulated Asbestos Containing Materials (RACM) -- materials which are friable or may become friable -- be further analyzed by point counting when the results indicate less than ten percent asbestos by CVAE. Our laboratory utilizes CVAE on a routine basis and does not include point counting unless specifically requested. The results may not be reproduced except in full, and should not be used as a scope of work for abatement without consulting with ATC.



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Customer Project No.:

Identification: N/A

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

Page 5 of 5

Client No.	Lab No.	Sample Description / Location	Asbestos Content
MWW-25	0010419-025	Roof Seam Sealant, Gray Note: Sample Not Analyzed Roof	
MWW-26	0010419-026	Roof Penetration Sealant, Gray Roof	None Detected
MWW-27	0010419-027	Roof Penetration Sealant, Gray Roof	None Detected
MWW-28	0010419-028	Roof Penetration Sealant, Gray Roof	None Detected

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1-2

PROJECT INFORMATION

Turnaround:

2 hour

24 hour

3-5 day

Company/Customer:	Aarcher, Inc.	Project Number/Task:	35.21320.0001 Task 00025
Address:	910 Commerce Road Annapolis MD 21401	Project Name:	L3543 Montrose Warehouse (West)
Phone/Fax:	410-897-9100 x105	Collection Address:	Uncompahgre Field Office
Customer Contact:	Mr. Mark Serio	Collection Date:	9-29-2009

Special Instructions:

BULK SAMPLE LOCATION

Acc/Ref	Sample Number	Sample Material	Sample Location
	MWW-1	Drywall & Joint Compound	Warehouse
	MWW-2	" " "	women's Shower Locker
	MWW-3	" " "	office
	MWW-4	Wall Texture	Eye Wash Station
	MWW-5	" "	Herbarium
	MWW-6	" "	Office
	MWW-7	" "	Hallway
	MWW-8	" "	Entrance
	MWW-9	" "	women's Shower & Locker
	MWW-10	" "	Men's Shower & Locker
	MWW-11	Black Baseboard & Mastic	Hallway
	MWW-12	" " "	Men's Shower Locker
	MWW-13	" " "	office
	MWW-14	12"x12" Floor Tile & Mastic	Men's Shower Locker
	MWW-15	" " "	Eye Wash Station
	MWW-16	" " "	Women's Shower Locker
90	MWW-17	Sink Undercoat, Black	
90	MWW-18	" " "	
90	MWW-19	" " "	
90	MWW-2017	Red Putty	Flammable Storage
90	MWW-2118	" "	Flammable Storage
90	MWW-2219	" "	Flammable Storage
	MWW-20	Window Frame Caulk	Exterior
	MWW-21	" " "	Exterior
	MWW-22	" " "	Exterior

Note:

Sample collector is responsible for ensuring that all samples have been preserved and prepared to the appropriate and applicable methodology. If package has sustained damage during transit, notify collector and shipper. Turnaround time begins upon receipt of sample (s) by laboratory. ATC will not be responsible for errors or omissions in calculations form in accuracy of original data.

CHAIN OF CUSTODY

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
<i>Todd Anderson</i>	9/29/09		<i>[Signature]</i>	10/1/09	1145

PROJECT INFORMATION



8985 E. Nichols Avenue, Suite 350
Centennial, CO 80112
www.atc-enviro.com
303.799.6100
Fax 303.799.3441

PLM REPORT SUMMARY

NVLAP Lab Code 102031
AIHA Lab Code 101536

Customer:

Mark Serio
AARCHER
910 Commerce Road
Annapolis MD 21401

ATC Job No.: 35.213200.0001 Task 0025

Batch No.: 0010419

Report Date: 10/10/2009

Sample Date: 09/29/2009

Date Analyzed: 10/10/2009

Project: L3543/Montrose Warehouse (West)

Customer Project No.:

Identification: N/A

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

Page 1 of 1

PLM Analysis Methodology

PLM samples were analyzed utilizing the Environmental Protection Agency's Test Method: Method for the Determination of Asbestos in Building Materials (EPA 600/R-93/116. July, 1993). Reporting Limit <1% Asbestos. Additional treatment and tests may be required to accurately define composition (i.e. ashing, extractions, acetone treatment, and TEM). Unused portions of samples are archived for one year unless client requests special handling.

Asbestos content of mastic/adhesive is separated from total percent asbestos and other materials.

Laboratory Equipment

Laboratory analysis was accomplished utilizing an Olympus BH-2 polarized light microscope. The microscope is equipped with dispersion staining lenses.

Quality Control

ATC Associates, Inc. is accredited by NVLAP Bulk Asbestos Sample Quality Assurance Program (Lab Code 102031). ATC participates in the NVLAP Bulk Asbestos Sample Quality Assurance Program and maintains an in-house QC/QA program for bulk samples whereby 10% of all submitted samples are reanalyzed and documented in a Quality Control Manual. ATC also participates in a quarterly round robin QC/QA program for bulk samples with several accredited laboratories throughout the United States. Current and past QC/QA program results are available in the laboratory for inspection.

Laboratory Personnel

Samples were analyzed by Jeff Lomme, Laboratory Director. Mr. Lomme is a professional geologist who has successfully completed the McCrone Institutes's "Advanced Asbestos Identification" Course.

Approved Signatory


Jeff Lomme

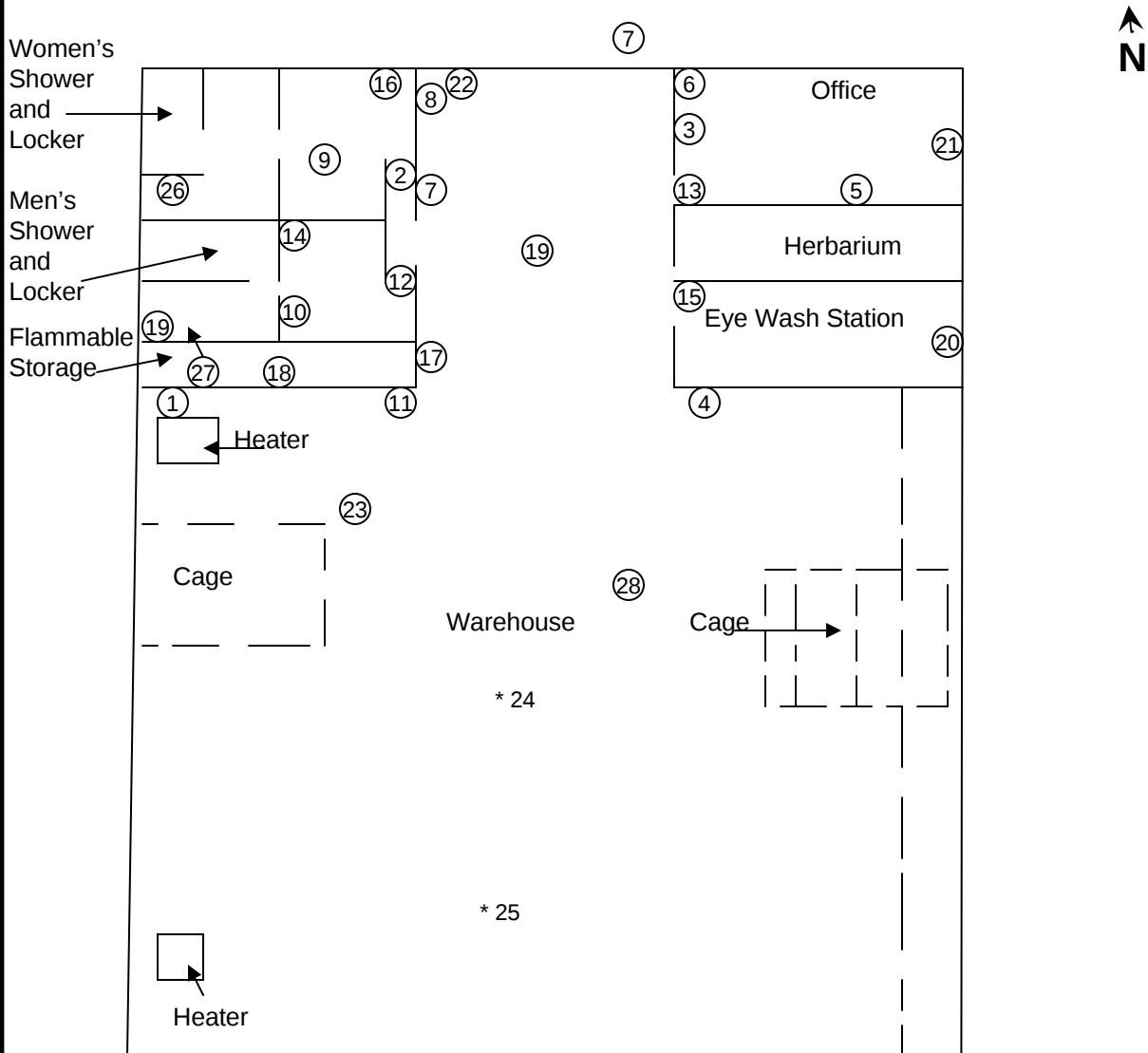

NVLAP LAB CODE 102031-0

The non-detection of asbestos fibers in floor tile by PLM is of itself inconclusive. Confirmation by Transmission Electron Microscope (TEM) is recommended for negative floor tile samples.

This report must not be used by the client to claim product endorsements by NVLAP or an agency of the U.S. government. This test reports only to the items stated.

APPENDIX B

SITE DRAWING



LEGEND

- ②⑤ Positive ACM Sample
- ②⑤ Negative ACM Sample
- ③⑧ Positive Roof Sample
- ③⑧ Negative Roof Sample

* 38 Sample not analyzed due to at least one sample for homogeneous material with asbestos detected in it.

** ALL LOCATIONS ARE APPROXIMATE



8985 E. Nichols Avenue
Suite 350
Centennial, Colorado 80112

PROJECT NO: 035.21320.0001 – Task 25

DESIGNED BY: ATC

SCALE: NTS

REVIEWED BY: FL

DRAWN BY: LJP

DATE: 10/05/09

FIGURE 1

BULK SAMPLE LOCATION DRAWING

L3543 MONTROSE WAREHOUSE (WEST)

UNCOMPAHGRE FIELD OFFICE
COLORADO

APPENDIX C

INSPECTOR AND LABORATORY ACCREDITATIONS

STATE OF COLORADO

ASBESTOS CERTIFICATION*

Colorado Department of Public Health
and Environment
Air Pollution Control Division

This certifies that

Fritz Leonard

Certification No: 15149

has met the requirements of 25-7-507, C.R.S. and Air Quality Control
Commission Regulation No. 8, Part B, and is hereby certified by the
state of Colorado in the following discipline:

Project Designer*

Issued: 3/18/2009

Expires on: 3/18/2010


Authorized APCD Representative

** This certificate is valid only with the possession of a current Division-approved training course
certification in the discipline specified above.*

STATE OF COLORADO

ASBESTOS CERTIFICATION*

Colorado Department of Public Health
and Environment
Air Pollution Control Division

This certifies that

Fritz Leonard

Certification No: 15149

has met the requirements of 25-7-507, C.R.S. and Air Quality Control
Commission Regulation No. 8, Part B, and is hereby certified by the
state of Colorado in the following discipline:

Inspector/Management Planner*

Issued: 8/22/2009

Expires on: 8/22/2010


Authorized APCD Representative

** This certificate is valid only with the possession of a current Division-approved training course
certification in the discipline specified above.*

STATE OF COLORADO

ASBESTOS CERTIFICATION*

Colorado Department of Public Health
and Environment
Air Pollution Control Division

This certifies that

Joseph Todd Anderson

Certification No: 2157

has met the requirements of 25-7-507, C.R.S. and Air Quality Control
Commission Regulation No. 8, Part B, and is hereby certified by the
state of Colorado in the following discipline:

Inspector/Management Planner*

Issued: 12/5/2008

Expires on: 12/5/2009


Authorized APCD Representative

** This certificate is valid only with the possession of a current Division-approved training course
certification in the discipline specified above.*

STATE OF COLORADO

ASBESTOS CERTIFICATION*

Colorado Department of Public Health
and Environment
Air Pollution Control Division

This certifies that

Joseph Todd Anderson

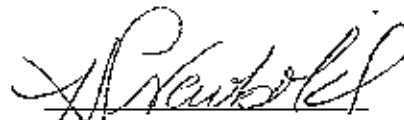
Certification No: 2157

has met the requirements of 25-7-507, C.R.S. and Air Quality Control
Commission Regulation No. 8, Part B, and is hereby certified by the
state of Colorado in the following discipline:

Supervisor/Project Designer*

Issued: 1/30/2009

Expires on: 1/30/2010


Authorized APCD Representative

** This certificate is valid only with the possession of a current Division-approved training course
certification in the discipline specified above.*

STATE OF COLORADO

ASBESTOS CERTIFICATION*

Colorado Department of Public Health
and Environment
Air Pollution Control Division

This certifies that

Les Puvathingal

Certification No: 15037

has met the requirements of 25-7-507, C.R.S. and Air Quality Control
Commission Regulation No. 8, Part B, and is hereby certified by the
state of Colorado in the following discipline:

Building Inspector*

Issued: 6/1/2009

Expires on: 6/1/2010


Authorized APCD Representative

** This certificate is valid only with the possession of a current Division-approved training course
certification in the discipline specified above.*

SEAL

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 102031-0

ATC Associates, Inc.
Centennial, CO

*Is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

BULK ASBESTOS FIBER ANALYSIS

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2009-07-01 through 2010-06-30

Effective dates



Sally A. Bruce
For the National Institute of Standards and Technology

APPENDIX D

BLM FACILITY SPREADSHEET

<u>State</u>	<u>Description</u>	<u>Installation Name</u>	<u>Gross Square Feet</u>	<u>Construction Year</u>	<u>BEGIN LAT</u>	<u>BEGIN LONG</u>
Colorado	Uncompahgre Field Office	Montrose Warehouse (West)	5,500.000	1984	38.45965	-107.86798

Continued

<u>Asbestos was found in the building</u>	<u>12" x 12" floor tile and mastic</u>	<u>Dryall/joint compound</u>	<u>Wall texture</u>	<u>Black baseboard and mastic</u>	<u>Red putty</u>	<u>Frame caulk</u>
Yes	Yes	No	No	No	No	No

Continued

<u>Roof seam sealant</u>	<u>Roof penetration sealant</u>
Yes	No

APPENDIX E

ACM PHOTOGRAPHS

CAUTION

These photos may not represent all the asbestos-containing materials (ACM) found at this facility. For a complete list of identified ACMs at this facility see Section 5.



1: Asbestos-containing 12" x 12" floor tile and mastic.



2: Location of asbestos-containing roof seam sealant (top of photograph).

CAUTION

These photos may not represent all the asbestos-containing materials (ACM) found at this facility. For a complete list of identified ACMs at this facility see Section 5.