

From: Tom Carson
To: [Nathan Coffee](#)
Cc: [Sigrid Dahlberg](#)
Subject: Gastineau Roof samples
Date: Friday, January 13, 2012 12:41:38 PM
Attachments: [Med Tox report-Gastineau roof samples.pdf](#)

Nathan,

Annotated lab report attached.

The sample above the boiler room had no asbestos.

The two samples from the main roof (please see the illustration I sent to you on Monday) both had a layer of asphaltic material with an asbestos-containing silver sealant on it. The silver sealant, if in good condition like in these samples, has been specifically identified by EPA as a non-regulated material. That was the only material that contained asbestos.

So, in the end, you are in the clear. No need to make roof removal an abatement project.

Tom

1/13/2012

Tom Carson
Carson Dorn, Inc.
712 West 12th Street
Juneau, Alaska 99801-1528

Re: Bulk Asbestos Sample Analysis for Med-Tox Northwest Laboratory Batch # 120011 , L-3506(702)

Dear Mr. Carson,

Please find enclosed the test results for the bulk sample(s) submitted to our laboratory for evaluation of possible asbestos content. Unless otherwise stated in the report, all samples analyzed were in good condition upon receipt by the laboratory. Samples are held in archive for 1 year following analysis and then properly disposed of as hazardous waste.

Analysis was performed using polarized light microscopy (PLM) in accordance with Test Method US EPA/600/R-93/116. Representative portions of your sample(s) were prepared on glass slides and analyzed at magnifications of 100X to 400X using dispersion staining and/or Becke line techniques. Unless stated otherwise on your report, fiber content was quantified by calibrated visual estimation in accordance with the method.

Any comments the analyst may wish to make with regard to your sample(s) will appear as a note directly below the sample number on your report.

The Environmental Protection Agency (EPA) does not regulate materials containing <1% (less than one percent) asbestos. The regulatory level falls at the limit of detection for EPA/600/R-93/116. Variation in data increases as the quantity of asbestos decreases toward the limit of detection. Therefore, the EPA recommends point counting for samples containing between <1% and 10% asbestos (NESHAP, 40 CFR Part 61). If your analyst has not recommended a point count but you feel that a point count might be beneficial, please feel free to call and request one.


Please note, vinyl floor tiles may contain asbestos fibers too small to be detected by PLM. For this reason, negative results and results of <1% asbestos for vinyl floor tiles analyzed by US EPA/600/R-93/116 are not considered conclusive by the EPA. More sensitive methods of analysis such as electron microscopy are recommended for these samples.

The test results on this report refer only to the samples submitted. The accuracy with which these samples represent the materials *in situ* is totally dependent on the acuity of the person who took the samples.

This test report is not valid unless it bears the signature of a NVLAP approved signatory. Any reproduction of this document must include the entire document in order to be valid. Neither the NVLAP accreditation of this laboratory nor this report can be used to claim product endorsement by NVLAP or any agency of the U.S. Government.

Thank you for choosing Med-Tox Northwest laboratory services. If you have any questions regarding this report, please feel free to contact us.

Sincerely,


Carol Evans
Laboratory Manager



NVLAP Lab Code 102021-0

ANALYTICAL LABORATORY REPORT

Polarized Light Microscopy (PLM) by Method EPA/600/R-93/116

Carson Dorn, Inc.
 712 West 12th Street
 Juneau, Alaska 99801-1528

Med-Tox NW Job #: L-3506(702)
 Laboratory Batch #: 120011
 Date Received: 1/12/2012
 Samples Received: 3
 Date Analyzed: 1/13/2012
 Samples Analyzed: 3

Attention: Tom Carson

Project: GAS

Client Project #: Not Specified

Lab ID	Client Sample ID	Layer	Description	Asbestos Fibers	Non-Asbestos Fibers	Non-Fibrous Components
120122	GAS-001	1	Black rubbery material	None detected	None detected	Synthetic binder, fillers
		2	Tan mastic	None detected	None detected	Adhesive compound
		3	Black tar sheet	None detected	50% Glass	Bituminous compound
		4	Black tar sheet	None detected	50% Cellulose	Bituminous compound
120123	GAS-003	1	Black rubbery material	None detected	30% Synthetic	Synthetic binder, fillers
		2	Yellow mastic (on plywood surface)	None detected	None detected	Adhesive compound
		3	Silver paint (under plywood)	3% Chrysotile	None detected	Synthetic binder, fillers
		4	Black tar sheets	None detected	25% Glass 25% Cellulose	Bituminous compound
		5	Brown fibrous material	None detected	100% Cellulose	None detected
		6	Black tar sheet	None detected	50% Cellulose	Bituminous compound
120124	GAS-004	1	Black rubbery material	None detected	30% Synthetic	Synthetic binder, fillers
		2	Yellow mastic (on plywood surface)	None detected	None detected	Adhesive compound
		3	Silver paint (under plywood)	3% Chrysotile	None detected	Synthetic binder, fillers
		4	Black tar sheets	None detected	25% Glass 25% Cellulose	Bituminous compound
	(cont.)					

Note: silver seal on asphaltic roof systems are not regulated materials.

ANALYTICAL LABORATORY REPORT

Polarized Light Microscopy (PLM) by Method EPA/600/R-93/116

Carson Dorn, Inc.
 712 West 12th Street
 Juneau, Alaska 99801-1528

Med-Tox NW Job #: L-3506(702)
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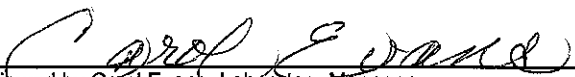
Attention: Tom Carson

Project: GAS

Client Project #: Not Specified

Lab ID	Client Sample ID	Layer	Description	Asbestos Fibers	Non-Asbestos Fibers	Non-Fibrous Components
120124	GAS-004	5	Brown fibrous material	None detected	100% Cellulose	None detected
		6	Black tar sheet	None detected	50% Cellulose	Bituminous compound

analyzed by: Carol Evans


 Reviewed by Carol Evans, Laboratory Manager

