



Analytica Solutions, Inc.
12189 Pennsylvania Street
Thornton, Colorado 80241
(303) 469-8868
(800) 873-8707
Fax: (303) 469-5254

July 17, 2006

Mr. Art Morris
City & Borough of Juneau
Engineering Department
155 S. Seward Street
Juneau, AK 99801-

Re: LGN 352697 Project:

Dear Mr. Art Morris:

The bulk samples recently submitted to our laboratory have been analyzed by polarized light microscopy (PLM), the EPA-recommended method for identification of fibrous constituents in building materials. The results of these analyses are summarized in the enclosed table. Also enclosed is a copy of documentation submitted with your samples.

If you have any technical questions concerning these analyses, please feel free to call me. All other calls should be directed to our Customer Service Representatives.

Sincerely,

Nikki MacDonald
Laboratory Manager

Enclosures

RESULTS OF BULK ASBESTOS SAMPLE ANALYSIS BY
 POLARIZED LIGHT MICROSCOPY (PLM)

Client: City & Borough of Juneau

LGN: 352697

Project ID:

Page: 1 of 1

Sample Description:

<u>Sample Number</u>	<u>Sample Date</u>	<u>Description</u>
[1]*	06/28/2006	Siding [2 parts]
[1] [A]	06/28/2006	[gray cement asbestos board with paint]
[1] [B]	06/28/2006	[tan mastic]
[2]	06/28/2006	Adhesive for siding [tan]

Results of PLM Analysis: Visual Area Estimation: Percentages Detected

Sample Number: [1]* [1] [A] [1] [B] [2]

Asbestiform Minerals:

Amosite	_____	_____	_____	_____	_____
Anthophyllite	_____	_____	_____	_____	_____
Chrysotile	29.1	30.0	_____	_____	_____
Crocidolite	_____	_____	_____	_____	_____
Tremolite-Actinolite	_____	_____	_____	_____	_____
TOTAL ASBESTOS	29.1	30.0	0	0	_____

Other Fibrous Materials:

Fibrous Glass	_____	_____	_____	_____	_____
Cellulose	_____	_____	_____	Trace <1%	_____
Synthetics	_____	_____	_____	_____	_____
Other:	_____	_____	_____	_____	_____

Percent Nonfibrous Material	70.9	70.0	100	99.5	_____
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* Composite analysis (multilayered sample, see individual layer analyses).

Analyst: Talena Oliver
 Talena Oliver

Date: 07/17/2006

ROOM

Department: ENGINEERING
Division: ARCHITECTURE

Limited Purchase Order

SJ 26954

352697

MAXIMUM LIMIT \$2000.00

VENDOR

16170 Vendor Number

ANALYTICA GROUP
5438 SHAUME DRIVE
JUNEAU AK 99801

Company Contact Name: SALLY WAINSTALL
Company Phone No.: 780-6668

SHIP TO

CITY & BOROUGH OF JUNEAU
ENGINEERING DEPARTMENT
155 S. SEWARD
JUNEAU AK 99801

City Contact Name: ART MORRIS
Telephone Number: 586-0894

Date Delivery Required at Destination: _____
Date of Order: 6-28-06
F.O.B. Point: _____
Agency Requisition No.: _____

Order Issued In Accordance with Quote # _____
Dated: _____ Expiration Date: _____

Order is Based on Shipment Via:
 Air Parcel Post Surface Parcel Post
 Air Freight Surface Freight Other

Shipping Instructions: _____

Note: This order constitutes a binding commitment between the City and the vendor and must not exceed the amount listed below. Unauthorized modification without the expressed prior approval of the purchasing authority will result in a financial obligation to the vendor and/or unauthorized City personnel making the change.

Inventory Commodity Code	Item #	Quantity Ordered	Unit of Measure	Mfg. Part No.	Description	Unit Price	Extended Price
	<u>1</u>				<u>ANALYSIS FOR ASBESTOS IN SIDING & ADHESIVE</u>	<u>66.00</u>	<u>66.00</u>

Send original invoice to:
"SHIP TO" address
Also send copy of invoice to:
City and Borough of Juneau, Alaska
ATTN: Accounts Payable
155 South Seward Street
Juneau, AK 99801

This LPO covers the period of 6-28-06 through 7-28-06
Total: 66.00

City Authorized Signature: [Signature]
Print Name: ART MORRIS I.D. Number: 002698
Received By: _____

Date Entry	Expenditure Date	Invoice Number	Account Number Distribution Code						Encumb. Amt.	Expenditure Amt.
			XXX	XX	X	XX	XX	XXX		
By: _____			<u>396</u>	<u>42</u>	<u>5</u>	<u>17</u>	<u>41</u>	<u>390</u>	<u>66.00</u>	
Date: _____										

Total: 66.00

ANALYTICA SOLUTIONS

12189 Pennsylvania Street
Thornton, Colorado 80241

POLARIZED LIGHT MICROSCOPY (PLM) BULK SAMPLE ANALYSIS PROCEDURES

Bulk samples of construction materials are analyzed by a professional mineralogist with a minimum of a Bachelor's Degree in Geology using the July 1993, EPA Test Method, (EPA/600/R-93/116), "Method for the Determination of Asbestos in Bulk Building Materials"⁽¹⁾. Samples are prepared and analyzed in different Cargille[®] certified refractive index oils. Estimates of asbestos content are based on visual comparisons using a calibrated graticule. Additional tests and treatments (see below) may also be required for certain samples.

Analytica is accredited by the National Institute of Standards and Technology (Lab Code #101086) under the National Voluntary Laboratory Accreditation Program (NVLAP) for bulk asbestos analysis. Analytica participates in the NVLAP bulk asbestos proficiency testing program (*results available upon request*). An in-house QA/QC program is maintained on a daily basis that requires, at a minimum, 10% of samples submitted to be re-analyzed and logged into a quality control tracking system. Analytica participates in two round robin QA/QC programs annually with accredited laboratories throughout the United States. Unused portions of samples are archived for six months, then disposed of or returned to the client.

ASHING

Ashing is a procedure in which one half of the sample is placed in a crucible and then set in a furnace at 500° C for one hour or more. Most non-silicate interferants are eliminated, leaving only asbestos undisturbed. The amount of ashed material is compared to the original amount to determine the volume percent lost due to ashing. The sample is then analyzed by PLM for the type and amount of asbestos present. The results shown on the final report are the percentage of asbestos in the original material, not the ashed material, i.e. if 50% of the original material is lost due to ashing and the ashed sample contains 10% asbestos, then the final report would show 5% asbestos in the original material.

POINT COUNTING

As of November 20, 1990, the National Emission Standards for Hazardous Air Pollutants (NESHAP) established rules requiring that friable ACM bulk samples with less than 10% asbestos be analyzed by the point count procedures described in the EPA-600/R-93/116 test method. Analytica does have experienced analysts to perform point counts if needed. **Analytica Solutions, Inc. cannot determine bulk sample friability and cannot assume responsibility for client compliance with the NESHAP rule.**

- (1) In January 1994, a NESHAP clarification was issued regarding analysis of multi-layered samples. This clarification requires all layers of a sample must be analyzed and reported separately. On August 1, 1994, EPA issued a notice of advisory adopting a new AHERA policy consistent with the NESHAP policy. When reviewing an Analytica Solutions PLM analysis report, do not use the composite result for the determination of positive (> 1%) ACM. Determination of ACM should be made strictly from the individual layers of each sample.
- (2) On August 10, 1994, OSHA ruled that to demonstrate that Potential Asbestos Containing Material (PACM) does not contain asbestos, tests shall include analysis of 3 bulk samples of each homogeneous area of the PACM collected in a randomly distributed manner.
- (3) This test report relates only to items tested.
- (4) NVLAP policy requires that this report may not be reproduced except in full, without the written approval of the laboratory.
- (5) NVLAP policy requires that this report must not be used by the client to claim product endorsement by NVLAP or any agency of the United States Government.

Section C

Laboratory Analysis

Bulk Sample Analysis for Asbestos

WEC Project #: 07G-701
Client Project#:

Report #: 45474
Report By: B. Waltuch
Report Date: 10/19/2007

10/19/07 Bw

Client: **Satori Group**
1310 E. 66th Avenue, Ste 2
Anchorage, Alaska 99518

Collection Date: 10/19/2007
Collection By: J. Skupa
TAT: RUSH
Analysis By: B. Waltuch
Analysis Date: 10/19/2007
Received By: Waltuch
Received Date: 10/19/2007

Samples: 2 # Layers: 2

Project Name/Location: Glacier Fire Station

Client ID#	WEC ID#	Location	Material	Layer
1	AB07-6940	Not specified	Mastic	1 of 1

ASBESTOS	% Asbestos: 7%	Homo- genous No	Color Brown
Chrysotile 7%			
Other Fibrous Materials	% Non-Fibrous Materials: 93%		

None Detected

Client ID#	WEC ID#	Location	Material	Layer
2	AB07-6941	Not specified	Mastic	1 of 1

ASBESTOS	% Asbestos: 2%	Homo- genous No	Color Yellow
Chrysotile 2%	% Other Fibrous Materials: 8%		
Other Fibrous Materials	% Non-Fibrous Materials: 90%		
Cellulose 8%			

Bekah Waltuch _____ Date 10/19/2007

Bekah Waltuch, Lab Analyst

[Signature] _____ Date 10/19/2007

Analysis performed by EPA Method 600/R-93/116. All quantities reported are based on visual estimation by PLM, unless point-counting method is requested and noted for the sample. Test report relates only to items tested and must not be used by client to claim product endorsement by NVLAP or any agency of the U.S. Government. Test reports must not be reproduced without the approval of WEC Inc., and are subject to WEC Inc. General Terms and Conditions (see reverse).

Bulk Sample Analysis for Asbestos

WEC Project #: 07G-701
Client Project#:

E-MAILED 10/19

Report #: 45453
Report By: A.Velasco
Report Date: 10/19/2007

Client: Satori Group
1310 E. 66th Avenue, Ste 2
Anchorage, Alaska 99518

Collection Date: 10/18/2007
Collection By: J.Skupa
TAT: RUSH
Analysis By: B.Carroll
Analysis Date: 10/18/2007
Received By: Carroll
Received Date: 10/18/2007

Samples: 3 **# Layers:** 3

Project Name/Location: Glacier Fire Station

Client ID#	WEC ID#	Location	Material	Layer
G701-1	AB07-6890	N. side of 5th garage bay	Mastic	1 of 1

ASBESTOS				
None Detected	<i>% Other Fibrous Materials:</i>	<1%	Homo- genous	Color
	<i>% Non-Fibrous Materials:</i>	100%	No	Black
<i>Other Fibrous Materials</i>				
Cellulose	<1%			

Client ID#	WEC ID#	Location	Material	Layer
G701-2	AB07-6891	N. side of 5th garage bay	Mastic	1 of 1

ASBESTOS				
Chrysotile	4%	<i>% Asbestos:</i>	Homo- genous	Color
		4%	No	Brown
		<i>% Other Fibrous Materials:</i>		
		<1%		
<i>Other Fibrous Materials</i>				
Cellulose	<1%	<i>% Non-Fibrous Materials:</i>		
		96%		

Client ID#	WEC ID#	Location	Material	Layer
G701-3	AB07-6892	N. side of 5th garage bay	Mastic	1 of 1

ASBESTOS				
Chrysotile	4%	<i>% Asbestos:</i>	Homo- genous	Color
		4%	No	Brown
		<i>% Other Fibrous Materials:</i>		
		<1%		
<i>Other Fibrous Materials</i>				
Cellulose	<1%	<i>% Non-Fibrous Materials:</i>		
		96%		

Bulk Sample Analysis for Asbestos

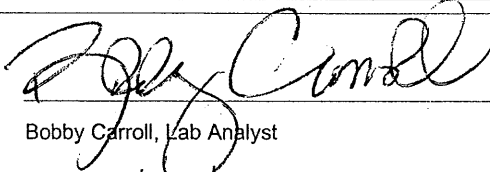
WEC Project #: 07G-701

Client Project#:

Report #: 45453

Report By: A.Velasco

Report Date: 10/19/2007



Bobby Carroll, Lab Analyst

Date 10/19/2007



Date 10/19/2007

Analysis performed by EPA Method 600/R-93/116. All quantities reported are based on visual estimation by PLM, unless point-counting method is requested and noted for the sample. Test report relates only to items tested and must not be used by client to claim product endorsement by NVLAP or any agency of the U.S. Government. Test reports must not be reproduced without the approval of WEC Inc., and are subject to WEC Inc. General Terms and Conditions (see reverse).



Fax

To:	<u>Mr. Thomas Carson,</u>	From:	<u>Carol Evans, Laboratory Manager</u>
Co:	<u>Carson Dorn, Inc.</u>	Co:	<u>Med-Tox Northwest</u>
Fax:	<u></u>	Date:	<u>10/24/2007</u>
Phone:	<u></u>	Phone:	<u>(253) 351-0677</u>
Re:	<u>Glacier Fire Station</u>	Pages:	<u>4</u>

Comments: MTNW Laboratory Batch # 70610 - L-3506(558)
Please call if you have any questions.

The data transmitted with this cover sheet are strictly for the use of the individual or entity identified on the fax header. If it is received by someone other than the intended recipient, any disclosure, copying, distribution, or taking of any action in reliance on the contents of the information is strictly prohibited. If the data are received in error, the recipient is instructed to notify the laboratory by telephone so that we can arrange for return of the documents.

10/24/2007

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

Re: Bulk Asbestos Sample Analysis for Med-Tox Northwest Laboratory Batch # 70610 , L-3506(558)

Dear Mr. Thomas 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, BS Cer E
Laboratory Manager



Med-Tox Northwest
1701 West Valley Highway North, Suite 1
Auburn, WA 98001

NVLAP Lab Code 102021-0
Phone (253) 351-0677
Fax (253) 351-0688
E-mail medtoxnw@msn.com

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(558)
 Laboratory Batch #: 70610
 Date Received: 10/24/2007
 Samples Received: 6
 Date Analyzed: 10/24/2007
 Samples Analyzed: 6

Attention: Mr. Thomas Carson

Project: Glacier Fire Station

Client Project #: 06141.5.030

Lab ID	Client Sample ID	Layer	Description	%	Asbestos Fibers	%	Non-asbestos Fibers	Non-Fibrous Components
75746	GFH-001	1	Tan mastic	3	Chrysotile	3	Cellulose	Adhesive compound
75747	GFH-002	1	Tan mastic	-	None detected	-	None detected	Adhesive compound
75748	GFH-003	1	Tan mastic	-	None detected	<1	Cellulose	Adhesive compound
75749	GFH-004	1	Tan mastic	-	None detected	<1	Cellulose	Adhesive compound
75750	GFH-005	1	Tan mastic	-	None detected	-	None detected	Adhesive compound
75751	GFH-006	1	Tan mastic	-	None detected	2	Cellulose	Adhesive compound

Analyzed by: Carol Evans

Carol Evans
 Reviewed by Carol Evans, Laboratory Manager

Glacier Fire Station Interior Samples

SEATTLE ASBESTOS TEST

Bellevue Laboratory: 12727 Northup Way, Suite 1, Bellevue, WA 98005, Tel: 425.861.1111, Fax: 425.861.1118, NVLAP Lab Code: 200876-0

ANALYTICAL LABORATORY REPORT PLM by Method EPA/600/R-93/116

Attn: Ms. Teresa Choate **Client:** Med-Tox, Northwest **Address:** PO Box 1446, Auburn, WA 98071-1446
Job#: L 3506 (862) **Batch#:** 201610674 **Date Received:** 4/29/2016
Samples Rec'd: 4 **Date Analyzed:** 4/29/2016 **Samples Analyzed:** 4
Project Loc.: Glacier Fire Station Interior Sampling


 Analyzed by: Kelly Soth

Reviewed by: Steve (Fanyao) Zhang, President

Lab ID	Client Sample ID	Layer	Description	%	Asbestos Fibers	Non-fibrous Components	%	Non-asbestos Fibers
1	GFS-10	1	Gray/Multicolored sheet vinyl		None detected	Vinyl/binder		None detected
		2	Gray fibrous material with mastic		None detected	Binder/filler, Mastic/binder	65	Cellulose
2	GFS-11	1	Off-white powdery material with paint and paper		None detected	Binder/filler, Paint, Paper	5	Cellulose
		2	White chalky material with paper		None detected	Binder/filler, Gypsum/binder	27	Cellulose, Glass fibers
3	GFS-12	1	White powdery material with paint and paper		None detected	Binder/filler, Paint	31	Cellulose
4	GFS-13	1	Gray fibrous material with paint		None detected	Paint, Filler, Perlite, Glass beads	62	Cellulose, Glass fibers
		2	Trace yellow mastic		None detected	Mastic/binder	3	Cellulose

Kitchen flooring
 Gypsum wallboard/mud
 Gypsum wallboard/mud
 Ceiling tile

SEATTLE ASBESTOS TEST, LLC
 19711 Scriber Lake Rd. Suite D, Lynnwood, WA 98036
 Tel: (425) 673-9850, Fax: (425) 673-9810 Website: seattleasbestostest.com

BATCH # 201610674

CHAIN OF CUSTODY

Analysis Type: Bulk Analysis X Point Count 400 ___ Point Count 1000 ___
 Point Count Gravimetric ___

Turn Around Time 1 Work Days Number of Samples 4 Client Job # L 3506 (862)

Client Name Med-Tox Northwest

Address Post Office Box 1446 City Auburn State WA Zip 98071-1446

Phone 253-351-0677 Fax 253-351-0688 Email quaml@medtoxnw.com

Project Location Glacier Fire Station Interior Sampling Project Manager Teri Choate

Sample Condition: Good ___ Damaged ___ Severe Damage (Spillage) ___

SEQ#	SAMPLE ID	SAMPLE DESCRIPTION	Lab ID	Comment	A/R
1		See Attachment			
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					

	Print	Signature	Company Name	Date	Time
Sampled by					
Relinquished by	Lisa Quam	<i>Lisa Quam</i>	Med-Tox Northwest	4-28-16	12:15 PM
Delivered by					
Received by	Kelly Song	<i>Kelly Song</i>	SAT	4/29/16	11:07
Analyzed by	Kelly Song	<i>Kelly Song</i>	SAT	4/29/16	15:50
Result reported by					

Seattle Asbestos Test warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted, and disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. Seattle Asbestos Test accepts no legal responsibility for the purpose for which the client uses test results. By signing on this form, the clients agree to relieve Seattle Asbestos Test of any liability that may arise from the test results. Late payment may be charged of interest, invoices goes to collection causes 17-25% of collection fee. NSF is \$50.

Result Reporting method: Phone _____, Fax _____, Email XX, Pick Up Report _____

1701 West Valley Hwy N, Suite 1
 Auburn, Washington 98001
 Telephone (253) 351-0577, Fax (253) 351-0688

Chain of Custody

Number of Samples: **4**

Lab Batch Number

Archive Box No.

MTNW Proj. No.

L3506 (562)

Company: Carson Dorn

Report to: Ms. Sigrid Dahlberg
Street: 712 W 12th St, Suite 1
City: Juneau State/Zip: AK 99801
Phone: (907) 586-4447 Fax: (907) 586-5917
Cell: 907-723-8896
Email: SDahlberg@carsondorn.com
Project Name: Glacier Fire Station Interior Sampling
Project No. / PO Number:

- Turn-Around Times**
- 2 hours
 - 2 work days
 - 3 work days
 - 4 hours
 - 4 work days
 - 5 work days
 - Same day
 - 1 work day

- Bulk Asbestos**
- PLM
 - SEM
 - TEM
- Airborne Asbestos**
- PCM
 - TEM - AHERA
 - TEM - Modified EPA
 - TEM - NIOSH 7402
 - Yamate II

- Metals**
- Air
 - Wipe
 - Chip
 - TCLP
- (Select metals from list)**
- Lead (Pb)
 - Priority pollutant (13)
 - TAL (23)
 - Antimony (Sb)
 - Arsenic (As)
- Fuel**
- AK-GRO
 - AK-DRO
 - TPH-HCD (WA/OR)
 - BETX/TPH-C (WA/OR)
 - BETX (by 8020)

- Barium (Ba)
 - Beryllium (Be)
 - Cadmium (Cd)
 - Chromium (Cr)
 - Copper (Cu)
 - Mercury (Hg)
 - Nickel (Ni)
 - Selenium (Se)
 - Silver (Ag)
 - Thallium (Tl)
 - TPH-G (WA/OR)
 - TPH-D (WA/OR)
 - 418.1 (WA/OR)
 - 413.2
 - 8015 Modified
 - 8010 Halogenated/VOC
 - 8040 phenol
 - 8310 HPLC PAH
- Organic Compound**
- 8240 GCMS volatile
 - 8270 GCMS semi-vol
 - 8140 OP pesticide
 - 8150 OC herbicide
 - 8080 pesticide/PCB
 - 8080 PCB std/low
 - Aromatic VOC
 - Other (Please specify)
- Fungal Non-viable**
- Airborne
 - Bulk
 - Tape Lift

Sample ID	Lab ID	Comments	Special Instructions
1	GFS-10	0 SV	
2	GFS-11	0 GDB/mud	
3	GFS-12	0 GNB/mud	
4	GFS-13	0 Ceiling tile	
5	GFS-14		
6	00		
7	00		
8	00		
9	00		
10	00		
11	00		
12	00		
13	00		
14	00		
15	00		

EL293080525US

Reinquished by (Signature) *[Signature]* (Print Name) SIGRID DAHLBERG Date 27 Apr 2016 Time 12:00

Received by (Signature) *[Signature]* (Print Name) LISA QUINN Date 4-28-16 Time 11:55 AM

Analyzed by (Signature) _____ (Print Name) _____ Date _____ Time _____

Glacier Fire Station - ARFF Area Remodel

SEATTLE ASBESTOS TEST

Bellevue Laboratory: 12727 Northrup Way, Suite 1, Bellevue, WA 98005, Tel: 425.861.1111, Fax: 425.861.1118, NVLAP Lab Code: 200876-0

ANALYTICAL LABORATORY REPORT PLM by Method EPA/600/R-93/116

Attn: Ms. Teresa Choate Client: Med-Tox, Northwest Address: PO Box 1446, Auburn, WA 98071-1446
 Job#: L 3506 (863) Batch#: 201610828 Date Received: 5/10/2016
 Samples Rec'd: 5 Date Analyzed: 5/10/2016 Samples Analyzed: 5
 Project Loc.: Glacier Fire Station ARFF Remodel

Analyzed by: 
Lauren Wetzel

Reviewed by: Steve (Fanyao) Zhang, President

Lab ID	Client Sample ID	Layer	Description	%	Asbestos Fibers	Non-fibrous Components	%	Non-asbestos Fibers
1	GFS-20	1	Brown tile		None detected	Vinyl/binder, Mineral grains	3	Cellulose
		2	Brown/yellow mastic		None detected	Mastic/binder	2	Cellulose
2	GFS-21	1	Yellow mastic		None detected	Mastic/binder	4	Cellulose
		2	Blue sheet vinyl		None detected	Vinyl/binder		None detected
		3	White fibrous material		None detected	Binder/filler	67	Synthetic fibers
		4	Yellow mastic		None detected	Mastic/binder	2	Cellulose
		5	Brown wood block with paint		None detected	Wood aggregates, Paint	5	Cellulose
3	GFS-22	1	Beige sheet vinyl		None detected	Vinyl/binder		None detected
		2	Gray fibrous material with yellow mastic		None detected	Binder/filler, Mastic/binder	61	Cellulose
4	GFS-23	1	White powdery material		None detected	Filler, Binder	3	Cellulose
		2	White mastic		None detected	Mastic/binder	4	Cellulose
5	GFS-24	1	Gray paper with paint		None detected	Filler, Paint	82	Cellulose
		2	Brown mastic		None detected	Mastic/binder	3	Cellulose

SEATTLE ASBESTOS TEST, LLC
 19711 Scriber Lake Rd. Suite D, Lynnwood, WA 98036
 Tel: (425) 673-9850, Fax: (425) 673-9810 Website: seattleasbestostest.com

BATCH # _____

CHAIN OF CUSTODY

Analysis Type: Bulk Analysis X Point Count 400 ___ Point Count 1000 ___ Point Count Gravimetric ___

Turn Around Time 1 Work Days Number of Samples 5 Client Job # L 3506 (863)

Client Name Med-Tox Northwest

Address Post Office Box 1446 City Auburn State WA Zip 98071-1446

Phone 253-351-0677 Fax 253-351-0688 Email quaml@medtoxnw.com

Project Location Glacier Fire Station ARFF Remodel Project Manager Teri Choate

Sample Condition: Good ___ Damaged ___ Severe Damage (Spillage) ___

SEQ#	SAMPLE ID	SAMPLE DESCRIPTION	Lab ID	Comment	A/R
1	GFS-20	VAT Tread/riser, Stair to mezz, brown w yellow mastic			
2	GFS-21	SV under carpet over wood, mezz yellow mastic			
3	GFS-22	Toilet Rm SV over conc, yellow mastic			
4	GFS-23	FRP mastic, white			
5	GFS-24	CB mastic, brown			
6					
7					
8					
9					
10					
11					

	Print	Signature	Company Name	Date	Time
Sampled by					
Relinquished by	Lisa Quam	<i>Lisa Quam</i>	Med-Tox Northwest	5-9-16	10:00AM
Delivered by					
Received by					
Analyzed by					
Result reported by					

Seattle Asbestos Test warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted, and disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. Seattle Asbestos Test accepts no legal responsibility for the purpose for which the client uses test results. By signing on this form, the clients agree to relieve Seattle Asbestos Test of any liability that may arise from the test results. Late payment may be charged of interest, invoices goes to collection causes 17-25% of collection fee. NSF is \$50.

Result Reporting method: Phone _____, Fax _____, Email XX, Pick Up Report _____

1701 West Valley Hwy N, Suite 1
Auburn, Washington 98001
Telephone (253) 351-0677, Fax (253) 351-0688

Chain of Custody

Number of Samples: 5

Page 1 of 1

Lab Batch Number

Archive Box No.

MTNW Proj. No.

L3506 (843)

Company: Carson Dorn
Report to: Ms. Sigrid Dahlberg
Street: 712 W 12th St, Suite 1
City: Juneau State/Zip: AK 99801
Phone: (907) 586-4447 Fax: (907) 586-5917
Cell: 907-723-8896
Email: sdahlberg@caisondorn.com
Project Name: Glacier Fire Station ARFF Remodel Sampling
Project No. / PO Number:

Turn-Around Times
 2 hours
 4 hours
 Same day
 1 work day
 2 work days
 3 work days
 4 work days
 5 work days
 Other

Bulk Asbestos
 PLM
 SEM
 TEM
Airborne Asbestos
 PCM
 TEM - AHERA
 TEM - Modified EPA
 TEM - NIOSH 7402
 Yamate II

Metals
 Air
 Wipe
 Chip
 TCLP
Fuel
 AK-GRO
 AK-DRO

(Select metals from list)
 Lead (Pb)
 Priority pollutant (13)
 TAL (23)
 Antimony (Sb)
 Arsenic (As)
 TPH-HCD (WA/OR)
 BETX/TPH-C (WA/OR)
 BETX (by 8020)

Barium (Ba)
 Beryllium (Be)
 Cadmium (Cd)
 Chromium (Cr)
 Copper (Cu)
 Mercury (Hg)
 TPH-G (WA/OR)
 TPH-D (WA/OR)
 8015 Modified
 Nickel (Ni)
 Selenium (Se)
 Silver (Ag)
 Thallium (Tl)
 418.1 (WA/OR)
 413.2
 8010 Halogenated/VOC
 8310 HPLC PAH

Organic Compound
 8240 GCMS volatile
 8270 GCMS semi-vol
Fungal Non-viable
 Airborne
 Bulk
 Tape Lift

8140 OP pesticide
 8150 OC herbicide
 8080 pesticide/PCB
 8080 PCB std/low
 Aromatic VOC
 8040 phenol
 8010 Halogenated/VOC
 8310 HPLC PAH

Other (Please specify)

Special Instructions

Sample ID	Lab ID	Comments	Special Instructions
1	GFS-20	VAT tread/riser, stair to mezz, brown w yellow mastic	
2	GFS-21	SV under carpet over wood, mezz, yellow mastic	
3	GFS-22	Toilet Rm SV over conc, yellow mastic	
4	GFS-23	FRP mastic, white	
5	GFS-24	CB mastic, brown	
6	00	0	
7	00	0	
8	00	0	
9	00	0	
10	00	0	
11	00	0	
12	00	0	
13	00	0	
14	00	0	
15	00	0	

Relinquished by
(Signature) *[Signature]*
Print Name SIGRID DAHLBERG
Date 5/4/2016 Time 5pm

Received by
(Signature) *[Signature]*
Print Name LISA QUAIN
Date 5-9-16 Time 9:30 AM

Analyzed by
(Signature)
Print Name
Date Time

Relinquished by
(Signature) *[Signature]*
Print Name SIGRID DAHLBERG
Date 5/4/2016 Time 5pm

