



**RETURN BIDS TO:**

**RETOURNER LES SOUMISSIONS À:**

Public Works and Government Services Canada  
ATB Place North Tower  
10025 Jasper Ave./10025 ave. Jaspe  
5th floor/5e étage  
Edmonton  
Alberta  
T5J 1S6  
Bid Fax: (780) 497-3510

**SOLICITATION AMENDMENT  
MODIFICATION DE L'INVITATION**

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Solicitation remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

**Comments - Commentaires**

**Vendor/Firm Name and Address**  
**Raison sociale et adresse du**  
**fournisseur/de l'entrepreneur**

**Issuing Office - Bureau de distribution**  
Public Works and Government Services Canada  
ATB Place North Tower  
10025 Jasper Ave./10025 ave Jasper  
5th floor/5e étage  
Edmonton  
Alberta  
T5J 1S6

<b>Title - Sujet</b> GOCB Flooring & Fire Separations	
<b>Solicitation No. - N° de l'invitation</b> EW038-190845/A	<b>Amendment No. - N° modif.</b> 004
<b>Client Reference No. - N° de référence du client</b> PSPC	<b>Date</b> 2018-08-15
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$PWU-066-11410	
<b>File No. - N° de dossier</b> PWU-8-41059 (066)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2018-08-24</b>	<b>Time Zone</b> <b>Fuseau horaire</b> Mountain Daylight Saving Time MDT
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Lee, Mony	<b>Buyer Id - Id de l'acheteur</b> pwu066
<b>Telephone No. - N° de téléphone</b> (780) 224-6675 ( )	<b>FAX No. - N° de FAX</b> (780) 497-3510
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

<b>Delivery Required - Livraison exigée</b>	<b>Delivery Offered - Livraison proposée</b>
<b>Vendor/Firm Name and Address</b> <b>Raison sociale et adresse du fournisseur/de l'entrepreneur</b>	
<b>Telephone No. - N° de téléphone</b> <b>Facsimile No. - N° de télécopieur</b>	
<b>Name and title of person authorized to sign on behalf of Vendor/Firm</b> <b>(type or print)</b> <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/</b> <b>de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

Solicitation No. - N° de l'invitation  
EW038-190845/A

Amd. No. - N° de la modif.  
004

Buyer ID - Id de l'acheteur  
PWU066

Client Ref. No. - N° de réf. du client  
EW038-190845

File No. - N° du dossier  
PWU-8-41059

CCC No./N° CCC - FMS No./N° VME

---

## **MODIFICATION DE L'INVITATION No. 004**

VOIR LE DOCUMENT EN ANGLAIS POUR RÉPONSE AUX QUESTION DEMANDÉ.

Toutes les autres modalités et conditions de l'Appel d'offres restent inchangées.

**Addendum 001:**

Aug, 13<sup>th</sup>, 2018

Fort Simpson GOCB Carpet Replacement & Fire Rating Upgrade

R.015992.489 (CARPET REPLACEMENT)

R.015992.626 (FIRE RATING CODE UPGRADE)

**To all bidders**

- This addendum shall be read in conjunction with the requirements, drawings and specifications provided for the previously-released tender of July 20<sup>th</sup>, 2018
- Where inconsistent with the above, Addendum 1 shall govern.
- Addendum 1 forms an integral part of the tender or proposal bid and contract and shall be included therein.

**Addendum Instructions**

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Contractor is to include the temporary removal of mechanical/electrical equipment, shelving, sink, and conduit etc. which has been mounted on the boiler room side of the new P1 wall, in order to install the new 2-ply rated gypsum wall board on the P1 walls.

The Contractor is to ensure all conduit and mechanical piping is properly temporarily supported to ensure continuous operation when this equipment is removed from its existing wall fasteners. Photos of the existing site conditions is in the appendix of this document.

The Contractor is to restore all removed equipment, shelving, sink, and conduit back to its original positions with the same or better fastening after new walls are installed.

The contractor is to take necessary precautions as per the WSCC Asbestos Abatement document, as indicated in the Asbestos Survey of the government of Canada building, for the temporary removal from, and installation of equipment and gypsum board on asbestos containing material (ACM) cement board on the boiler room walls, as well as abatement measure for the ACM insulated pipes.

Attachments: Asbestos Survey, Government of Canada Building. 52 Pages

References: Asbestos Abatement – WSCC. PDF Codes of Practice, NT & NU

End of Addendum 001

Sincerely,

A handwritten signature in dark ink, appearing to read "Peter D. Gillis", with a horizontal line extending to the right.

---

Peter D. Gillis | Dipl. Arc. Technology

Architectural Tech, Guy Architects



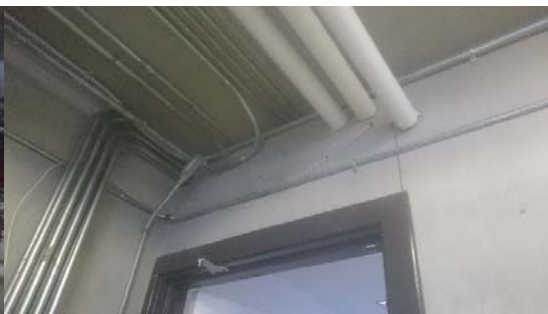
1. Sink shelf and electrical equipment



2. Insulated piping, misc. wiring



3. Insulated piping and valves



4. Miscellaneous wiring



5. Electrical equipment



6. Emergency lighting



*Asbestos Survey  
Government of Canada Building  
9606 – 100<sup>th</sup> Street, Fort Simpson NWT*



*A **tyco** INTERNATIONAL LTD. COMPANY*

**Asbestos Survey  
Government of Canada Building  
9606 – 100<sup>th</sup> Street, Fort Simpson NWT**

*Prepared for:*

*PWGSC  
1000-9700 Jasper Avenue  
Edmonton, AB  
T5J 4E2*

*Prepared by:*

*Earth Tech Canada Inc.  
17203-103<sup>rd</sup> Ave.,  
Edmonton, Alberta, T5S 1J4  
(780) 488-6800*

March 2003  
63775

March 11, 2003

Refer to File:

63775

L:\work\630006377503-Report\Fort Simpson\Fort Simpson G.H.'s over Letter.doc

Public Works and Government Services Canada  
Real Property Services  
1000-9700 Jasper Avenue  
Edmonton, AB T5J 4E2

Attention: John Hogg  
Senior Maintenance Management Specialist

Dear Sir:

Telephone

780.488.6800

**Re: Asbestos Survey – Government of Canada Building, Fort Simpson NWT**

Facsimile

Please find enclosed one copy of the asbestos survey for the above facilities located at 9606 – 100<sup>th</sup> Street. If you have any questions or require further documentation, please contact the undersigned at (780) 453-0710 or Will Wawrychuk, Division Manager at 453-0721.

780.488.2121

Very truly yours,

**EARTH TECH (CANADA) INC.**

Per:



Gordon Woollett, P.Eng.  
Project Manager, Environment Group

Encl.



A **tyco** INTERNATIONAL LTD. COMPANY

**ASBESTOS SURVEY  
GOVERNMENT OF CANADA BUILDING  
9606-100<sup>th</sup> STREET  
FORT SIMPSON, NWT**

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## **1.0 INTRODUCTION**

### **1.1 Background Information**

The Government of Canada Building (GOCB) in Fort Simpson is located at 9606 - 100<sup>th</sup> Street in Fort Simpson NWT. The building is owned by Public Works Government Services Canada (PWGSC) and is used by various Federal departments, including Human Resources and Canada Post. It is understood that the building was constructed in 1965.

### **1.2 Scope of Work**

The purpose of this asbestos survey was to confirm the presence and extent of Asbestos Containing Materials (ACM) located in the building in accordance with Public Works Policy 057 Asbestos Management.

The field work for this project was completed on January 20th, 2003 by Albert MacLeod and Jennifer Miller of Earth Tech. Michael Klassen also completed the data entry portion of the project into the Trakker database program. Project Management and Senior project review was completed by Gordon Woollett of the Earth Tech Edmonton office.

The scope of work for the project included the following tasks.

- Complete a room-by-room survey.
- Collect samples of suspected Asbestos Containing Materials (ACM).
- Document suspected ACM with digital photographs.
- Submit samples to accredited laboratory.
- Develop site plans showing ACM.
- Transfer all survey and laboratory information in the PWGSC supplied, asbestos management database program (Trakker).
- Submit a summary report which describes the methodology for the fieldwork and presents a summary of the results.

## **2.0 PROPERTY DESCRIPTION**

The GOCB located at 9606-100<sup>th</sup> Street, Fort Simpson, NWT consists of a one-story building and a crawl space below the main floor. An internal stairwell connects the ground level mechanical room to the main floor. The building covers an approximate area of 465 m<sup>2</sup>. A vehicle parking lot is located on the east side of the building. The exterior of the building is covered with vinyl siding, with transit paneling below the windows. The roof is flat.

Access was granted to all secured rooms in the building during normal business hours. A representative of PWGSC also accompanied Earth Tech field staff during the completion of the building materials survey.

All rooms of the building were accessible to the field staff during the completion of the building materials survey, however, access to the ceiling and wall cavities in various rooms was restricted due to walls and ceiling finishes. Access to the crawl space was also limited to a visual inspection only, as size constraints prevented the field staff from entering the area.

### **3.0 METHODOLOGY**

All samples collected for suspected ACM will conform to the "Bulk Sample Collection Procedures" as outlined in Annex C Code of Practice, Appendix 6, in the PWGSC Document *DP 057, 1997-12-03, Asbestos Management*.

During the survey, information on suspected ACM were recorded, such as room number, sample number, description, condition, accessibility, and friable/non friable. Notes were also made of all wall coverings in each room. A photograph was also taken of all suspected ACM. A copy of all the photos taken during the survey are reproduced in Appendix A.

Samples of suspected ACM and other fibrous building materials were collected for confirmatory sampling. Sampling was completed in areas, which would minimize the amount of destruction, i.e. samples of wall materials were collected above suspended ceiling levels, behind switch plates or behind baseboards. No sampling was completed on the roof.

A total of 24 suspected ACM samples were collected and sent to the Lex Scientific Inc. laboratory in Guelph, Ontario for analysis to determine the type and percentage of asbestos. Lex Scientific is a NVLAP approved and accredited laboratory and completed the requested analysis using the required polarized light microscopy method. A copy of all the Lex Scientific Inc. laboratory reports are included as Appendix B to this report.

Following the completion of the field survey and receipt of the analytical data, all data was entered into the Trakker database program. A copy of the print out from Trakker indicating all the information which was entered in the database from this asbestos survey is also attached to this report as Appendix C.

Marked up AutoCAD drawings showing all the sample locations as well as samples which contained asbestos are presented in Appendix D. Samples indicated in red color on these drawings indicate the presence of asbestos and samples marked in blue indicate that there was no asbestos present.

### **4.0 DISCUSSION OF RESULTS**

The analytical results indicated that four samples within the building contained ACM. The sample results which indicated the presence of asbestos are summarized in the following table.

Table 4.1 Summary of Asbestos Containing Materials

Sample Number	Location	Type	Accessibility*	Condition*	Action*	Comments
A08	Room 121 – Vinyl floor tile (adhesive layer)	5% Chrysotile	C - Concealed and requires the removal of a building component	Good	7	Both the tile layer and the adhesive layer were analyzed. Rooms 103, 108, 109, 111, and 115 have vinyl floor tile (adhesive layer) suspected of containing asbestos materials.
V08	Rooms 101, 102, 104, 105, 106, and 119. Actual sample taken from Room 121 - A08 - Vinyl floor tile (adhesive layer)	5% Chrysotile	A – Within reach of all building users	Good	5/7	Rooms 101, 102, 104, 105, 106, and 119 have vinyl floor tile (adhesive layer) suspected of containing asbestos materials. Proactive removal recommended if the presence of asbestos in GOOD condition is not desirable. If ACM is not removed, routine surveillance is required.
V08	Room 117. Actual sample taken from Room 121 - A08 - Vinyl floor tile (adhesive layer)	5% Chrysotile	B – Within reach of maintenance staff in frequently entered maintenance areas	Good	7	Room 117 has vinyl floor tile (adhesive layer) suspected of containing asbestos materials.
A17	Room 113 – Pipe elbow insulation	75% Chrysotile	B – Within reach of maintenance staff in frequently entered maintenance areas	Poor	3	ACM removal required for compliance.

A19	Room 118 - Wallboard	20% Chrysotile	B – Within reach of maintenance staff in frequently entered maintenance areas	Good	7	Room 128 also contains wallboard which is suspected of containing asbestos materials.
A21	Exterior – Transite panels on exterior of building	5% Chrysotile	A – Within reach of all building users	Good	5/7	Proactive removal recommended if the presence of asbestos in GOOD condition is not desirable. If ACM is not removed, routine surveillance is required.

Note: \*Accessibility, Condition and Action as defined by the PWGSC Policy for Asbestos Management

## 5.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the findings of the survey and on the condition and location of the ACM that was detected, it is recommended that PWGSC institute a routine surveillance program to monitor the majority of the remaining ACM. Piping elbows in one room are recommended for removal and proactive removal is recommended for the vinyl floor tile and transite panels (if the presence of asbestos in GOOD condition is not desirable). If the ACM is not removed, routine surveillance is required.

Special asbestos precautions should also be completed during any renovation processes, which run the risk of disturbing any remaining ACM. In the event that the surveillance program determines that the condition of the ACM has changed, it is recommended that the Action be reevaluated to determine if an alternate remedial program is appropriate.

## 6.0 CLOSURE

The usage of this report is limited by the Earth Tech “Special Provisions-Environmental Services which is attached as Appendix E to this report.

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## **APPENDIX A PHOTOGRAPHS**

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Photo 1: Government of Canada Building Fort Simpson, NWT.



Photo 2: Baseboard and parging, Sample 1.



Photo 3: Wallpaper, Sample 2.

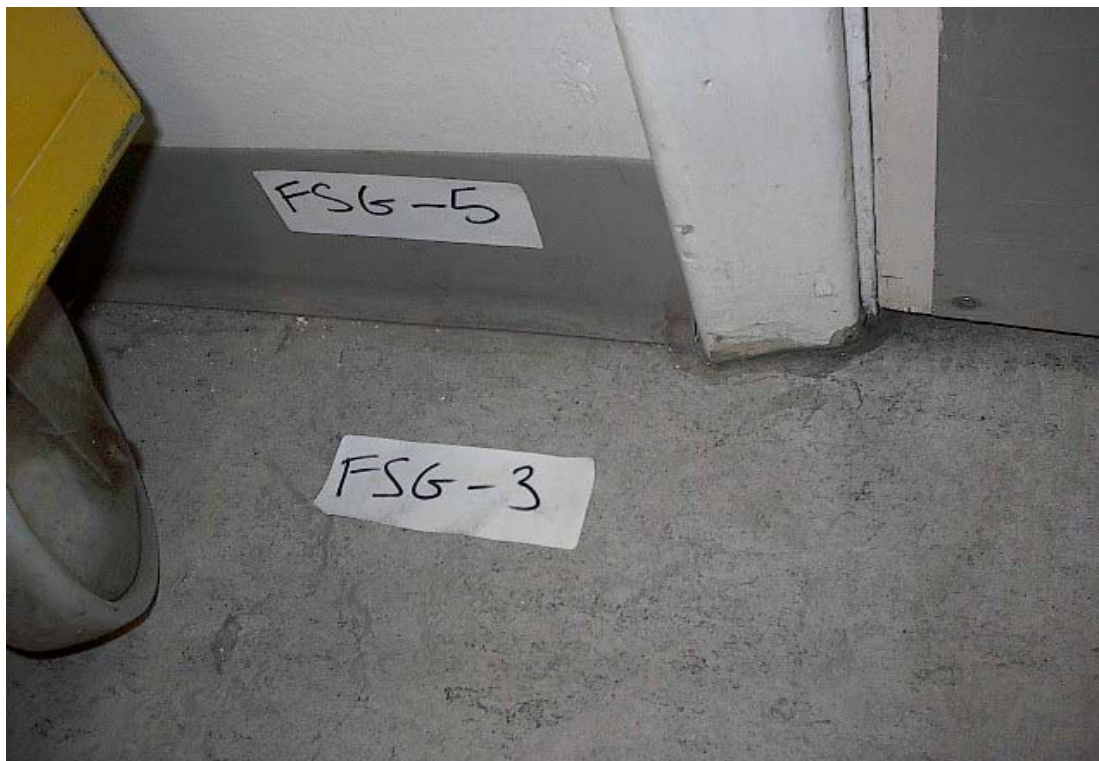


Photo 4: Sheet flooring and baseboard composite, Samples 3, 4 and 5.





Photo 5: Baseboard composite and carpet, Samples 6 and 7.



Photo 6: Tile, Sample 8.





Photo 7: Baseboard composite and carpet, Sample 9 and 10.



Photo 8: Treads on stairs, Sample 11.



Photo 9: Sheet flooring and adhesive compound, Samples 12 and 13.



Photo 10: Carpet, Sample 14.





Photo 11: Carpet, Sample 15.



Photo 12: Ceramic tile, Sample 16.



Photo 13: Pipe elbows, Sample 17.



Photo 14: Carpet, Sample 18.





Photo 15: Wallboard, Sample 19.



Photo 16: Ceiling tiles, Sample 20.

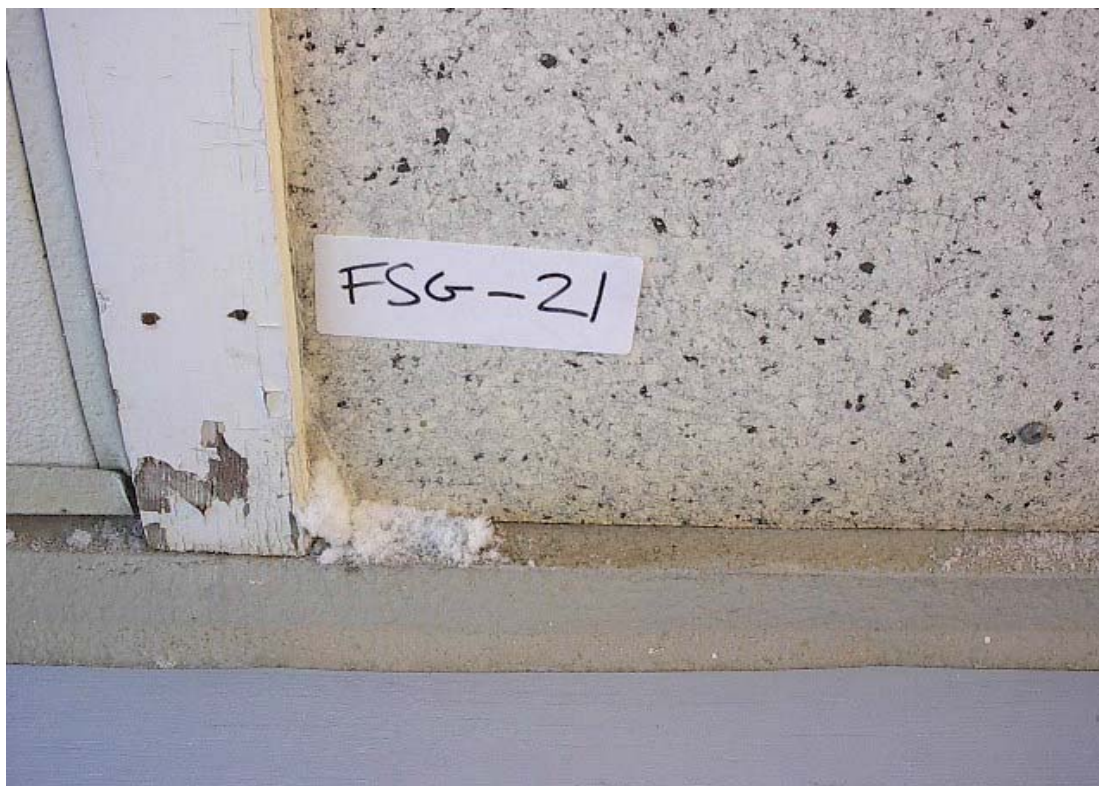


Photo 17: Transite panels on exterior of building, Sample 21.

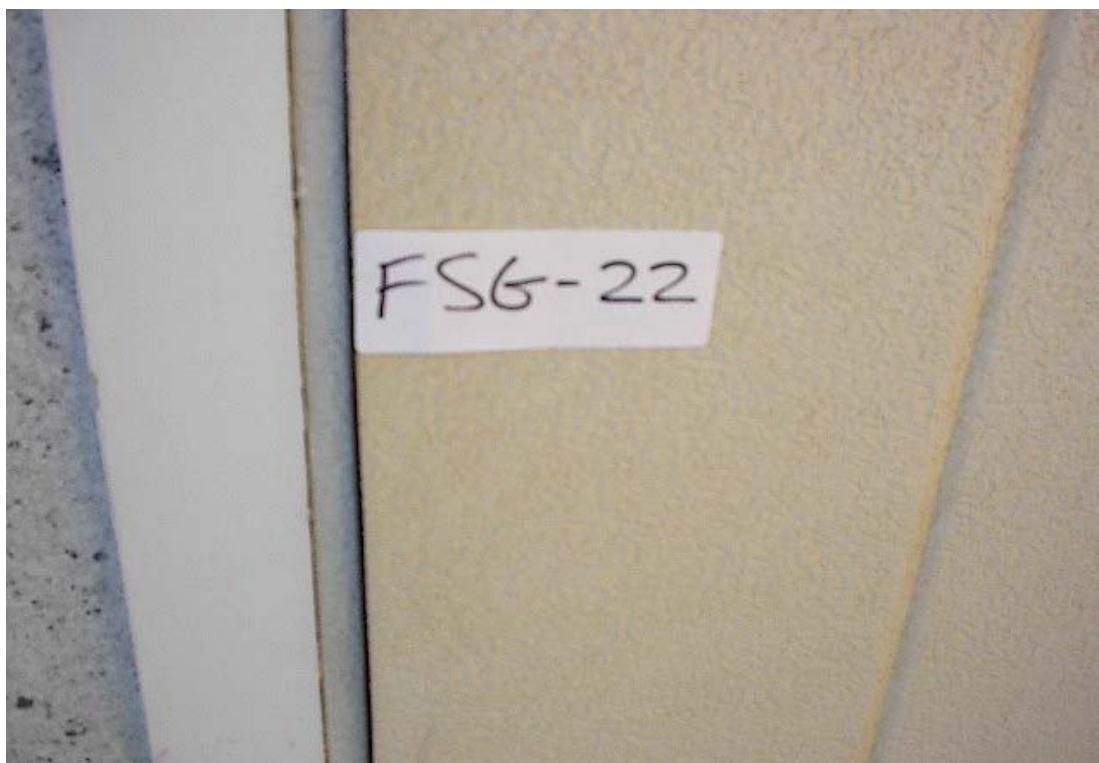


Photo 18: Foundation-Insul Transite, Sample 22.





Photo 19: Acoustical Tile, Sample 23.



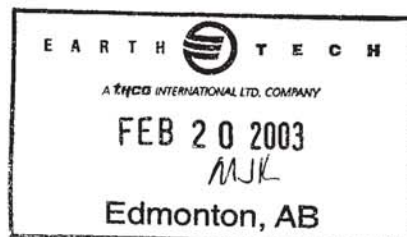
Photo 20: Acoustical tile, Sample 24.

---

**APPENDIX B  
LEX SCIENTIFIC  
ANALYTICAL  
REPORTS**

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*Solutions for a Working World*

Client: Earth Tech (Canada) Inc.

Contact: Mike Klassen

Client Address: 17203-103 Ave., Edmonton, AB

Thursday, February 06, 2003

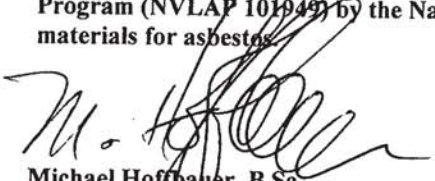
Project Number: 08030132

Sampling Date: N/A

Client Reference: Fort Simpson GOCB/63775

Total Number of Samples: 31

Analysis was performed in accordance with the method outlined in the Regulation Respecting Asbestos on Construction Projects and in Building and Repair Operations - made under the Occupational Health and Safety Act Ontario Regulation 838/90 as amended by Ontario Regulation 510/92, Quebec Regulation 2.1, r.15, IRSST Method 224-1 and the EPA/600/R-93/116 Method for the Determination of Asbestos in Bulk Building Materials. LEX Scientific Inc. is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP 101049) by the National Institute of Standards and Technology for analysis of bulk materials for asbestos.

  
Michael Hoffbauer, B.Sc.  
Laboratory Manager

  
Emerita Diaz, CET  
Project Scientist

Client: Earth Tech (Canada) Inc.

Page: 1 of 9

Project Number: 08030132

		Fibrous Asbestos Content%	Other Materials Content %
LEX Sample #:	1	Chrysotile: None Detected	Fibreglass: None Detected
Sample #:	FSG-1	Amosite: None Detected	Glasswool: None Detected
Sample Colour:	black	Crocidolite: None Detected	Rockwool: None Detected
Analyst:	ED	Other Amphiboles: None Detected	Cellulose: None Detected
Sample Condition	Sealed Bag		Other: None Detected
Comments:			Non-Fibrous: 100%

Other Amphiboles: ac=actinolite, a=anthophyllite, t=tremolite, u=unidentified  
This test report relates only to the items tested  
PLM - method detection limit is 0.1%  
It is recommended that all floor tile and vermiculite samples be analyzed using TEM

  
Analyst

This test report must not be used to claim product endorsement by NVLAP or any agency of the United States government. This test report must not be reproduced except in full without the written consent of the laboratory.

2 Quebec Street, Suite 204 Guelph, Ontario N1H 2T3  
Phone: 519.824.7082 Fax: 519.824.5784 Toll Free: 1.800.824.7082  
e-mail: admin@lexscientific.com Website: www.lexscientific.com

Project Number: 08030132

## Fibrous Asbestos Content%

## Other Materials Content %

LEX Sample #:	2	Chrysotile:	None Detected	Fibreglass:	None Detected
Sample #:	FSG-2	Amosite:	None Detected	Glasswool:	None Detected
Sample Colour:	beige/white	Crocidolite:	None Detected	Rockwool:	None Detected
Analyst:	ED	Other Amphiboles:	None Detected	Cellulose:	None Detected
Sample Condition	Sealed Bag			Other:	None Detected
Comments:				Non-Fibrous:	100%

LEX Sample #:	3.1	Chrysotile:	None Detected	Fibreglass:	None Detected
Sample #:	FSG-3	Amosite:	None Detected	Glasswool:	None Detected
Sample Colour:	grey/beige	Crocidolite:	None Detected	Rockwool:	None Detected
Analyst:	ED	Other Amphiboles:	None Detected	Cellulose:	None Detected
Sample Condition	Sealed Bag			Other:	None Detected
Comments:	VINYL LAYER			Non-Fibrous:	100%

LEX Sample #:	3.2	Chrysotile:	None Detected	Fibreglass:	None Detected
Sample #:	FSG-3	Amosite:	None Detected	Glasswool:	None Detected
Sample Colour:	grey	Crocidolite:	None Detected	Rockwool:	None Detected
Analyst:	ED	Other Amphiboles:	None Detected	Cellulose:	25%
Sample Condition	Sealed Bag			Other:	None Detected
Comments:	PAPER LAYER			Non-Fibrous:	75%

LEX Sample #:	4.1	Chrysotile:	None Detected	Fibreglass:	None Detected
Sample #:	FSG-4	Amosite:	None Detected	Glasswool:	None Detected
Sample Colour:	grey	Crocidolite:	None Detected	Rockwool:	None Detected
Analyst:	ED	Other Amphiboles:	None Detected	Cellulose:	None Detected
Sample Condition	Sealed Bag			Other:	None Detected
Comments:	TILE LAYER			Non-Fibrous:	100%

Other Amphiboles: ac=actinolite, a=anthophyllite, t-tremolite, u=unidentified  
 This test report relates only to the items tested  
 PLM - method detection limit is 0.1%  
 It is recommended that all floor tile and vermiculite samples be analyzed using TEM

Analyst



This test report must not be used to claim product endorsement by NVLAP or any agency of the United States government. This test report must not be reproduced except in full without the written consent of the laboratory.



Project Number: 08030132

		Fibrous Asbestos Content%	Other Materials Content %
LEX Sample #:	4.2	Chrysotile: None Detected	Fibreglass: None Detected
Sample #:	FSG-4	Amosite: None Detected	Glasswool: None Detected
Sample Colour:	brown	Crocidolite: None Detected	Rockwool: None Detected
Analyst:	ED	Other Amphiboles: None Detected	Cellulose: None Detected
Sample Condition	Sealed Bag		Other: SOF 5%
Comments:	ROPE LAYER		Non-Fibrous: 95%
LEX Sample #:	5	Chrysotile: None Detected	Fibreglass: None Detected
Sample #:	FSG-5	Amosite: None Detected	Glasswool: None Detected
Sample Colour:	grey/black	Crocidolite: None Detected	Rockwool: None Detected
Analyst:	ED	Other Amphiboles: None Detected	Cellulose: None Detected
Sample Condition	Sealed Bag		Other: None Detected
Comments:			Non-Fibrous: 100%
LEX Sample #:	6.1	Chrysotile: None Detected	Fibreglass: None Detected
Sample #:	FSG-6	Amosite: None Detected	Glasswool: None Detected
Sample Colour:	black	Crocidolite: None Detected	Rockwool: None Detected
Analyst:	ED	Other Amphiboles: None Detected	Cellulose: None Detected
Sample Condition	Sealed Bag		Other: None Detected
Comments:	RUBBER LAYER		Non-Fibrous: 100%
LEX Sample #:	6.2	Chrysotile: None Detected	Fibreglass: None Detected
Sample #:	FSG-6	Amosite: None Detected	Glasswool: None Detected
Sample Colour:	yellow	Crocidolite: None Detected	Rockwool: None Detected
Analyst:	ED	Other Amphiboles: None Detected	Cellulose: None Detected
Sample Condition	Sealed Bag		Other: None Detected
Comments:	MASTIC LAYER		Non-Fibrous: 100%

Other Amphiboles: ac=actinolite, a=anthophyllite, t=tremolite, u=unidentified  
 This test report relates only to the items tested  
 PLM - method detection limit is 0.1%  
 It is recommended that all floor tile and vermiculite samples be analyzed using TEM

Analyst



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Project Number: 08030132

		Fibrous Asbestos Content%	Other Materials Content %
LEX Sample #:	7	Chrysotile: None Detected	Fibreglass: None Detected
Sample #:	FSG-7	Amosite: None Detected	Glasswool: None Detected
Sample Colour:	beige/red	Crocidolite: None Detected	Rockwool: None Detected
Analyst:	ED	Other Amphiboles: None Detected	Cellulose: None Detected
Sample Condition	Sealed Bag		Other: None Detected
Comments:			Non-Fibrous: 100%
LEX Sample #:	8.1	Chrysotile: None Detected	Fibreglass: None Detected
Sample #:	FSG-8	Amosite: None Detected	Glasswool: None Detected
Sample Colour:	beige	Crocidolite: None Detected	Rockwool: None Detected
Analyst:	ED	Other Amphiboles: None Detected	Cellulose: None Detected
Sample Condition	Sealed Bag		Other: None Detected
Comments:	TILE LAYER		Non-Fibrous: 100%
LEX Sample #:	8.2	Chrysotile: 5%	Fibreglass: None Detected
Sample #:	FSG-8	Amosite: None Detected	Glasswool: None Detected
Sample Colour:	black	Crocidolite: None Detected	Rockwool: None Detected
Analyst:	ED	Other Amphiboles: None Detected	Cellulose: 10%
Sample Condition	Sealed Bag		Other: None Detected
Comments:	PARGING LAYER		Non-Fibrous: 85%
LEX Sample #:	9.1	Chrysotile: None Detected	Fibreglass: None Detected
Sample #:	FSG-9	Amosite: None Detected	Glasswool: None Detected
Sample Colour:	brown	Crocidolite: None Detected	Rockwool: None Detected
Analyst:	ED	Other Amphiboles: None Detected	Cellulose: None Detected
Sample Condition	Sealed Bag		Other: None Detected
Comments:	RUBBER LAYER		Non-Fibrous: 100%

Other Amphiboles: ac=actinolite, a=anthophyllite, t-tremolite, u=unidentified  
 This test report relates only to the items tested  
 PLM - method detection limit is 0.1%  
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Analyst



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Project Number: 08030132

Fibrous Asbestos Content%

Other Materials Content %

LEX Sample #:	9.2	Chrysotile:	None Detected	Fibreglass:	None Detected
Sample #:	FSG-9	Amosite:	None Detected	Glasswool:	None Detected
Sample Colour:	black/yellow	Crocidolite:	None Detected	Rockwool:	None Detected
Analyst:	ED	Other Amphiboles:	None Detected	Cellulose:	None Detected
Sample Condition	Sealed Bag			Other:	None Detected
Comments:	MASTIC LAYER			Non-Fibrous:	100%

LEX Sample #:	10	Chrysotile:	None Detected	Fibreglass:	None Detected
Sample #:	FSG-10	Amosite:	None Detected	Glasswool:	None Detected
Sample Colour:	blue/red/beige	Crocidolite:	None Detected	Rockwool:	None Detected
Analyst:	ED	Other Amphiboles:	None Detected	Cellulose:	None Detected
Sample Condition	Sealed Bag			Other:	None Detected
Comments:				Non-Fibrous:	100%

LEX Sample #:	11.1	Chrysotile:	None Detected	Fibreglass:	None Detected
Sample #:	FSG-11	Amosite:	None Detected	Glasswool:	None Detected
Sample Colour:	grey	Crocidolite:	None Detected	Rockwool:	None Detected
Analyst:	ED	Other Amphiboles:	None Detected	Cellulose:	None Detected
Sample Condition	Sealed Bag			Other:	None Detected
Comments:	RUBBER LAYER			Non-Fibrous:	100%

LEX Sample #:	11.2	Chrysotile:	None Detected	Fibreglass:	None Detected
Sample #:	FSG-11	Amosite:	None Detected	Glasswool:	None Detected
Sample Colour:	yellow	Crocidolite:	None Detected	Rockwool:	None Detected
Analyst:	ED	Other Amphiboles:	None Detected	Cellulose:	5%
Sample Condition	Sealed Bag			Other:	None Detected
Comments:	MASTIC LAYER			Non-Fibrous:	95%

Other Amphiboles: ac=actinolite, a=anthophyllite, t-tremolite, u=unidentified  
 This test report relates only to the items tested  
 PLM - method detection limit is 0.1%  
 It is recommended that all floor tile and vermiculite samples be analyzed using TEM

Analyst



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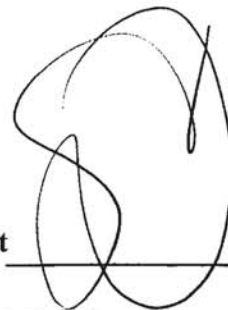


Project Number: 08030132

		Fibrous Asbestos Content%	Other Materials Content %
LEX Sample #:	12	Chrysotile: None Detected	Fibreglass: None Detected
Sample #:	FSG-12	Amosite: None Detected	Glasswool: None Detected
Sample Colour:	beige	Crocidolite: None Detected	Rockwool: None Detected
Analyst:	ED	Other Amphiboles: None Detected	Cellulose: None Detected
Sample Condition	Sealed Bag		Other: None Detected
Comments:			Non-Fibrous: 100%
LEX Sample #:	13	Chrysotile: None Detected	Fibreglass: None Detected
Sample #:	FSG-13	Amosite: None Detected	Glasswool: None Detected
Sample Colour:	beige/brown	Crocidolite: None Detected	Rockwool: None Detected
Analyst:	ED	Other Amphiboles: None Detected	Cellulose: 10%
Sample Condition	Sealed Bag		Other: None Detected
Comments:			Non-Fibrous: 90%
LEX Sample #:	14	Chrysotile: None Detected	Fibreglass: None Detected
Sample #:	FSG-14	Amosite: None Detected	Glasswool: None Detected
Sample Colour:	blue/red	Crocidolite: None Detected	Rockwool: None Detected
Analyst:	ED	Other Amphiboles: None Detected	Cellulose: None Detected
Sample Condition	Sealed Bag		Other: None Detected
Comments:			Non-Fibrous: 100%
LEX Sample #:	15	Chrysotile: None Detected	Fibreglass: None Detected
Sample #:	FSG-15	Amosite: None Detected	Glasswool: None Detected
Sample Colour:	grey/beige/yellow	Crocidolite: None Detected	Rockwool: None Detected
Analyst:	ED	Other Amphiboles: None Detected	Cellulose: None Detected
Sample Condition	Sealed Bag		Other: None Detected
Comments:			Non-Fibrous: 100%

Other Amphiboles: ac=actinolite, a=anthophyllite, t-tremolite, u=unidentified  
 This test report relates only to the items tested  
 PLM - method detection limit is 0.1%  
 It is recommended that all floor tile and vermiculite samples be analyzed using TEM

Analyst



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Project Number: 08030132

		Fibrous Asbestos Content%	Other Materials Content %
LEX Sample #:	16.1	Chrysotile: None Detected	Fibreglass: None Detected
Sample #:	FSG-16	Amosite: None Detected	Glasswool: None Detected
Sample Colour:	brown	Crocidolite: None Detected	Rockwool: None Detected
Analyst:	ED	Other Amphiboles: None Detected	Cellulose: None Detected
Sample Condition	Sealed Bag		Other: None Detected
Comments:	PLYWOOD & VINYL LAYER		Non-Fibrous: 100%
LEX Sample #:	16.2	Chrysotile: None Detected	Fibreglass: None Detected
Sample #:	FSG-16	Amosite: None Detected	Glasswool: None Detected
Sample Colour:	yellow	Crocidolite: None Detected	Rockwool: None Detected
Analyst:	ED	Other Amphiboles: None Detected	Cellulose: 5%
Sample Condition	Sealed Bag		Other: None Detected
Comments:	MASTIC LAYER		Non-Fibrous: 95%
LEX Sample #:	17	Chrysotile: 75%	Fibreglass: None Detected
Sample #:	FSG-17	Amosite: None Detected	Glasswool: None Detected
Sample Colour:	blue/beige	Crocidolite: None Detected	Rockwool: None Detected
Analyst:	ED	Other Amphiboles: None Detected	Cellulose: None Detected
Sample Condition	Sealed Bag		Other: None Detected
Comments:			Non-Fibrous: 25%
LEX Sample #:	18	Chrysotile: None Detected	Fibreglass: None Detected
Sample #:	FSG-18	Amosite: None Detected	Glasswool: None Detected
Sample Colour:	brown/beige	Crocidolite: None Detected	Rockwool: None Detected
Analyst:	ED	Other Amphiboles: None Detected	Cellulose: None Detected
Sample Condition	Sealed Bag		Other: None Detected
Comments:			Non-Fibrous: 100%

Other Amphiboles: ac=actinolite, a=anthophyllite, t-tremolite, u=unidentified  
 This test report relates only to the items tested  
 PLM - method detection limit is 0.1%  
 It is recommended that all floor tile and vermiculite samples be analyzed using TEM

Analyst



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Project Number: 08030132

Fibrous Asbestos Content%

Other Materials Content %

LEX Sample #:	19	Chrysotile:	20%	Fibreglass:	None Detected
Sample #:	FSG-19	Amosite:	None Detected	Glasswool:	None Detected
Sample Colour:	grey/red/yellow	Crocidolite:	None Detected	Rockwool:	None Detected
Analyst:	ED	Other Amphiboles:	None Detected	Cellulose:	None Detected
Sample Condition	Sealed Bag			Other:	None Detected
Comments:				Non-Fibrous:	80%

LEX Sample #:	20	Chrysotile:	None Detected	Fibreglass:	20%
Sample #:	FSG-20	Amosite:	None Detected	Glasswool:	None Detected
Sample Colour:	beige/white	Crocidolite:	None Detected	Rockwool:	None Detected
Analyst:	ED	Other Amphiboles:	None Detected	Cellulose:	None Detected
Sample Condition	Sealed Bag			Other:	None Detected
Comments:				Non-Fibrous:	80%

LEX Sample #:	21	Chrysotile:	5%	Fibreglass:	None Detected
Sample #:	FSG-21	Amosite:	None Detected	Glasswool:	None Detected
Sample Colour:	black/grey	Crocidolite:	None Detected	Rockwool:	None Detected
Analyst:	ED	Other Amphiboles:	None Detected	Cellulose:	None Detected
Sample Condition	Sealed Bag			Other:	None Detected
Comments:				Non-Fibrous:	95%

LEX Sample #:	22	Chrysotile:	None Detected	Fibreglass:	None Detected
Sample #:	FSG-22	Amosite:	None Detected	Glasswool:	None Detected
Sample Colour:	beige/black	Crocidolite:	None Detected	Rockwool:	None Detected
Analyst:	ED	Other Amphiboles:	None Detected	Cellulose:	20%
Sample Condition	Sealed Bag			Other:	None Detected
Comments:				Non-Fibrous:	80%

Other Amphiboles: ac=actinolite, a=anthophyllite, t-tremolite, u=unidentified  
 This test report relates only to the items tested  
 PLM - method detection limit is 0.1%  
 It is recommended that all floor tile and vermiculite samples be analyzed  
 using TEM

Analyst



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Project Number: 08030132

		Fibrous Asbestos Content%	Other Materials Content %
LEX Sample #:	23	Chrysotile: None Detected	Fibreglass: None Detected
Sample #:	FSG-23	Amosite: None Detected	Glasswool: None Detected
Sample Colour:	beige/white	Crocidolite: None Detected	Rockwool: 20%
Analyst:	ED	Other Amphiboles: None Detected	Cellulose: 20%
Sample Condition	Sealed Bag		Other: None Detected
Comments:			Non-Fibrous: 60%
LEX Sample #:	24	Chrysotile: None Detected	Fibreglass: None Detected
Sample #:	FSG-24	Amosite: None Detected	Glasswool: None Detected
Sample Colour:	beige/white	Crocidolite: None Detected	Rockwool: 25%
Analyst:	ED	Other Amphiboles: None Detected	Cellulose: 25%
Sample Condition	Sealed Bag		Other: None Detected
Comments:			Non-Fibrous: 50%

Other Amphiboles: ac=actinolite, a=anthophyllite, t-tremolite, u=unidentified  
This test report relates only to the items tested  
PLM - method detection limit is 0.1%  
It is recommended that all floor tile and vermiculite samples be analyzed using TEM

Analyst



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Solutions for a Working World

Fort Simpson GOCB

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JAN 28 2013

CF

# Chain of Custody

Page 1 of 3

LEX Scientific Inc.

2 Quebec Street, Suite 204, Guelph, Ontario, Canada, N1H 2T3

phone: (519)824-7082 or 1-800-824-7082

fax: (519)824-5784

e-mail: lab@lexscientific.com

website: www.lexscientific.com

## Samples Submitted By:

Company: Earth Tech

Contact Name: Mike Klassen

Address: 17203-103 Ave.

Edmonton, AB T5S 2J4

Phone: (780) 408-6000

Fax: (780) 408-2121

P.O. #: 63775

Sampling Date: \_\_\_\_\_

## If Contact Info/Invoice is Different, Please Note Below:

Company: Earth Tech

Contact Name: Gordon Woullett

Address: \_\_\_\_\_

Same

Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

Date of Submission: \_\_\_\_\_

<input type="checkbox"/> ASB / Air PCM	<input type="checkbox"/> Mould / Air-O-Cell	24x20.00
<input checked="" type="checkbox"/> ASB / Bulk PLM	<input type="checkbox"/> Mould / RCS / Plate	
<input type="checkbox"/> ASB / Air TEM	<input type="checkbox"/> Mould / Bulk	08030132
<input type="checkbox"/> ASB / Bulk TEM		

Turnaround Time - Results Required:  
SURCHARGES apply to all except Regular

☐ Immediately ☐ 6 Hours ☐ 24 Hours

☐ 48 Hours ☒ 3 - 5 Days - Regular

## How do you wish results sent?

☒ Mail ☒ Fax ☐ Courier ☐ Pick-up

Sample #	Client Sample # or Description	Analysis Required	Estimated Cost
FSG-1	Fort Simpson GOCB	Bulk * ID by PLM	
FSG-2			
FSG-3			
FSG-4			
FSG-5			
FSG-6			
FSG-7			
FSG-8			
FSG-9			
FSG-10			

## Comments:

I authorize all analytical work as listed above

Signature (Please Note: Client's signature must appear on form for work to proceed)

Invoices are payable 30 Days Net. Amounts not received within 30 days of invoice date will bear interest thereafter at the rate of 1.5% per month (18% per year) until paid.

Relinquished by ML Received by \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_



Solutions for a Working World

**LEX Scientific Inc.**  
 2 Quebec Street, Suite 204, Guelph, Ontario, Canada, N1H 2T3  
 phone: (519)824-7082 or 1-800-824-7082  
 fax: (519)824-5784  
 e-mail: lab@lexscientific.com  
 website: www.lexscientific.com

## Chain of Custody

Page 2 of 3

### Samples Submitted By:

Company: \_\_\_\_\_

Contact Name: \_\_\_\_\_

Address: \_\_\_\_\_

Same

Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

P.O. #: \_\_\_\_\_

Sampling Date: \_\_\_\_\_

### If Contact Info/Invoice is Different, Please Note Below:

Company: \_\_\_\_\_

Contact Name: \_\_\_\_\_

Address: \_\_\_\_\_

Same

Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

Date of Submission: \_\_\_\_\_

<input type="checkbox"/> ASB / Air PCM	<input type="checkbox"/> Mould / Air-O-Cell
<input checked="" type="checkbox"/> ASB / Bulk PLM	<input type="checkbox"/> Mould / RCS / Plate <input type="checkbox"/> Other _____
<input type="checkbox"/> ASB / Air TEM	<input type="checkbox"/> Mould / Bulk
<input type="checkbox"/> ASB / Bulk TEM	

Turnaround Time – Results Required: SURCHARGES apply to all except Regular <input type="checkbox"/> Immediately <input type="checkbox"/> 6 Hours <input type="checkbox"/> 24 Hours <input type="checkbox"/> 48 Hours <input checked="" type="checkbox"/> 3 – 5 Days - Regular	How do you wish results sent? <input checked="" type="checkbox"/> Mail <input checked="" type="checkbox"/> Fax <input type="checkbox"/> Courier <input type="checkbox"/> Pick-up
--	---

Sample #	Client Sample # or Description	Analysis Required	Estimated Cost
FSG-11	Fort Simpson GOLB	BULK * ID by PLM	
B6-12			
FSG-13			
FSG-14			
FSG-15			
FSG-16			
FSG-17			
FSG-18			
FSG-19			
FSG-20			

Comments:

I authorize all analytical work as listed above

[Signature]  
 Signature (Please Note: Client's signature must appear on form for work to proceed)

Invoices are payable 30 Days Net. Amounts not received within 30 days of invoice date will bear interest thereafter at the rate of 1.5% per month (18% per year) until paid.

Relinquished by [Signature] Received by \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_





Solutions for a Working World

LEX Scientific Inc.

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fax: (519)824-5784

e-mail: lab@lexscientific.com

website: www.lexscientific.com

## Chain of Custody

Page 3 of 3

### Samples Submitted By:

Company: \_\_\_\_\_

Contact Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_ Same \_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

P.O. #: \_\_\_\_\_

Sampling Date: \_\_\_\_\_

### If Contact Info/Invoice is Different, Please Note

Below:

Company: \_\_\_\_\_

Contact Name: \_\_\_\_\_

Address: \_\_\_\_\_ Same \_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

Date of Submission: \_\_\_\_\_

<input type="checkbox"/> ASB / Air PCM		<input type="checkbox"/> Mould / Air-O-Cell	
<input checked="" type="checkbox"/> ASB / Bulk PLM		<input type="checkbox"/> Mould / RCS / Plate <input type="checkbox"/> Other _____	
<input type="checkbox"/> ASB / Air TEM		<input type="checkbox"/> Mould / Bulk	
<input type="checkbox"/> ASB / Bulk TEM			
Turnaround Time - Results Required: SURCHARGES apply to all except Regular		How do you wish results sent?	
<input type="checkbox"/> Immediately <input type="checkbox"/> 6 Hours <input type="checkbox"/> 24 Hours		<input checked="" type="checkbox"/> Mail <input checked="" type="checkbox"/> Fax <input type="checkbox"/> Courier <input type="checkbox"/> Pick-up	
<input type="checkbox"/> 48 Hours <input checked="" type="checkbox"/> 3 - 5 Days - Regular			
Sample #	Client Sample # or Description	Analysis Required	Estimated Cost
FSG-21	Fert Simpson GOCB	Bulk + ID by PLM	
FSG-22	↓	↓	
FSG-23			
FSG-24			

### Comments:

\_\_\_\_\_

I authorize all analytical work as listed above

Signature (Please Note: Client's signature must appear on form for work to proceed)

Invoices are payable 30 Days Net. Amounts not received within 30 days of invoice date will bear interest thereafter at the rate of 1.5% per month (18% per year) until paid.

Relinquished by \_\_\_\_\_ Received by \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

---

**APPENDIX C**  
**TRAKKER SOFTWARE**  
**DATABASE REPORT**

---

# Assessment Report

(sorted by asset ID)

Fort Simpson GOCB

Registered user: Public Works & Government Services

Design	Description	Quantity	Cond.	Sample	Asbestos type	Access.	Action	Visible
--------	-------------	----------	-------	--------	---------------	---------	--------	---------

Asset ID : 520349-1      Civic address (or building name) : GOCB-FORT SIMPSON

Level : 01 - Floor - Ground Level      Asbestos present : Yes

Room : 101 - General Office

Ceiling	Gypsum Board (Drywall)		C-N-A			No
Electrical	None Observed		none			No
Wall	Drywall		C-N-A			No
Floor	Carpet		n/a	V10		No
Pipe	None Observed		none			No
Floor	Tile - Vinyl/Asbestos	12.6	Sq. M	V08	Chrysotile 5.00%	No
Wall	Baseboard - Composite		n/a	V01		No
Wall	Texture Coat		n/a	V02		No

Comments: No access into walls or ceiling cavities

Level : 01 - Floor - Ground Level      Asbestos present : Yes

Room : 102 - Kitchen

Ceiling	Gypsum Board (Drywall)		C-N-A			No		
Electrical	None Observed		none			No		
Wall	Drywall		C-N-A			No		
Floor	Carpet		n/a	V10		No		
Pipe	None Observed		none			No		
Floor	Tile - Vinyl/Asbestos	9.2	Sq. M	V08	Chrysotile 5.00%	A	5	No

# Assessment Report

(sorted by asset ID)

Fort Simpson GOCB

Registered user: Public Works & Government Services

Design	Description	Quantity	Cond.	Sample	Asbestos type	Access.	Action	Visible
--------	-------------	----------	-------	--------	---------------	---------	--------	---------

Wall	Baseboard - Composite		n/a	V01				No
Wall	Texture Coat		n/a	V02				No

Comments: No access into walls or ceiling cavities

Level : 01 - Floor - Ground Level  
Room : 103 - General Office

Asbestos present : Yes

Ceiling	Gypsum Board (Drywall)		C-N-A					No
Electrical	None Observed		none					No
Wall	Drywall		C-N-A					No
Floor	Carpet		n/a	V10				No
Pipe	None Observed		none					No
Floor	Tile - Vinyl/Asbestos	10.7	Sq. M	V08	Chrysotile 5.00%	A	5	No
Wall	Baseboard - Composite		n/a	A01				No
Wall	Texture Coat		n/a	V02				No

Comments: No access into walls or ceiling cavities

Level : 01 - Floor - Ground Level  
Room : 104 - General Office

Asbestos present : Yes

Ceiling	Gypsum Board (Drywall)		C-N-A					No
Electrical	None Observed		none					No
Wall	Drywall		C-N-A					No
Floor	Carpet		n/a	V10				No

# Assessment Report

(sorted by asset ID)

Fort Simpson GOCB

Registered user: Public Works & Government Services

Design	Description	Quantity	Cond.	Sample	Asbestos type	Access.	Action	Visible
Pipe	None Observed		none					No
Floor	Tile - Vinyl/Asbestos	10.7	Sq. M	V08	Chrysotile	5.00%	A	5
Wall	Baseboard - Composite		n/a	V01				No
Wall	Texture Coat		n/a	A02				No

Comments: No access into walls or ceiling cavities

Asbestos present : Yes

Level : 01 - Floor - Ground Level

Room : 105 - Front Lobby

Ceiling	Gypsum Board (Drywall)		C-N-A					No
Electrical	None Observed		none					No
Wall	Drywall		C-N-A					No
Floor	Carpet		n/a	V10				No
Pipe	None Observed		none					No
Floor	Tile - Vinyl/Asbestos	18.9	Sq. M	V08	Chrysotile	5.00%	A	5
Wall	Baseboard - Composite		n/a	V01				No
Wall	Texture Coat		n/a	V02				No

Comments: No access into walls or ceiling cavities

Asbestos present : Yes

Level : 01 - Floor - Ground Level

Room : 106 - Front Lobby

Ceiling	Gypsum Board (Drywall)		C-N-A					No
Electrical	None Observed		none					No

Asset ID : 520349-1

Page: 3 of 15

Printed: MAR 11,2003



# Assessment Report

(sorted by asset ID)

Fort Simpson GOCB

Registered user: Public Works & Government Services

Design	Description	Quantity	Cond.	Sample	Asbestos type	Access.	Action	Visible
Wall	Drywall		C-N-A					No
Floor	Carpet		n/a	A14				No
Pipe	None Observed		none					No
Floor	Tile - Vinyl/Asbestos	47.6	Sq. M	V08	Chrysotile	5.00%	A 5	No
Wall	Baseboard - Composite		n/a	V01				No

Comments: No access into walls or ceiling cavities

Level : 01 - Floor - Ground Level  
Room : 107 - General Office

Asbestos present : No

Ceiling	Gypsum Board (Drywall)		C-N-A					No
Electrical	None Observed		none					No
Wall	Drywall		C-N-A					No
Floor	Carpet		n/a	V14				No
Pipe	None Observed		none					No

Comments: No access into walls or ceiling cavities

Level : 01 - Floor - Ground Level  
Room : 108 - General Office

Asbestos present : Yes

Ceiling	Gypsum Board (Drywall)		C-N-A					No
Electrical	None Observed		none					No
Wall	Drywall		C-N-A					No
Floor	Carpet		n/a	V14				No

# Assessment Report

(sorted by asset ID)

Fort Simpson GOCB

Registered user: Public Works & Government Services

Design	Description	Quantity	Cond.	Sample	Asbestos type	Access.	Action	Visible
Pipe	None Observed		none					No
Floor	Tile - Vinyl/Asbestos	12.6 Sq. M	Good	V08	Chrysotile 5.00%	C	7	No
Wall	Baseboard - Composite		n/a	V01				No

Comments: No access into walls or ceiling cavities

Level : 01 - Floor - Ground Level  
Room : 109 - General Office

Asbestos present : Yes

Ceiling	Gypsum Board (Drywall)		C-N-A					No
Electrical	None Observed		none					No
Wall	Drywall		C-N-A					No
Floor	Carpet		n/a	V14				No
Pipe	None Observed		none					No
Floor	Tile - Vinyl/Asbestos	12.2 Sq. M	Good	V08	Chrysotile 5.00%	C	7	No
Wall	Baseboard - Composite		n/a	V01				No

Comments: No access into walls or ceiling cavities

Level : 01 - Floor - Ground Level  
Room : 110 - Front Lobby

Asbestos present : No

Ceiling	Gypsum Board (Drywall)		C-N-A					No
Electrical	None Observed		none					No
Wall	Drywall		C-N-A					No
Pipe	None Observed		none					No

# Assessment Report

(sorted by asset ID)

Fort Simpson GOCB

Registered user: Public Works & Government Services

Design	Description	Quantity	Cond.	Sample	Asbestos type	Access.	Action	Visible
Ceiling	Acoustical Tile - 12" by 12"		n/a	V20				No
Floor	Adhesive Compound		n/a	A13				No
Floor	Sheet flooring		n/a	A12				No
Floor	Sheet flooring		n/a	A11				No

Comments: No access into walls cavity

Asbestos present : Yes

Level : 01 - Floor - Ground Level

Room : 111 - Hallway

Ceiling	Acoustical Tile - 12" by 12"		n/a	A20				No
Electrical	None Observed		none					No
Floor	Carpet		n/a	A15				No
Floor	Tile - Vinyl/Asbestos	31.7	Sq. M	V08	Chrysotile 5.00%	C	7	No
Pipe	None Observed		none					No
Wall	Drywall		C-N-A					No

Comments: No access into walls cavity

Asbestos present : No

Level : 01 - Floor - Ground Level

Room : 112 - Washroom

Ceiling	Gypsum Board (Drywall)		C-N-A					No
Electrical	None Observed		none					No
Floor	Sheet flooring		n/a	A04				No
Pipe	None Observed		none					No

Asset ID : 520349-1

Page: 6 of 15

Printed: MAR 11,2003

# Assessment Report

(sorted by asset ID)

Fort Simpson GOCB

Registered user: Public Works & Government Services

Design	Description	Quantity	Cond.	Sample	Asbestos type	Access.	Action	Visible
Wall	Baseboard - Composite		n/a	V01				No
Wall	Drywall		C-N-A					No
Wall	Ceramic tile		n/a	A16				No

Comments: No access into walls or ceiling cavities

Asbestos present : Yes

Level : 01 - Floor - Ground Level

Room : 113 - Mechanical Room

Ceiling	Gypsum Board (Drywall)		C-N-A					No
Electrical	None Observed		none					No
Floor	Concrete		C-N-A					No
Pipe	Fittings Insulated	14.0	Units	A17	Chrysotile 75.00%	B	3	Yes
Wall	Drywall		C-N-A					No
Wall	Wood Frame Construction		C-N-A					No

Comments: No standard comment

Asbestos present : No

Level : 01 - Floor - Ground Level

Room : 114 - Washroom

Ceiling	Gypsum Board (Drywall)		C-N-A					No
Electrical	None Observed		none					No
Floor	Sheet flooring		n/a	V04				No
Pipe	None Observed		none					No
Wall	Baseboard - Composite		n/a	V01				No

# Assessment Report

(sorted by asset ID)

Fort Simpson GOCB

Registered user: Public Works & Government Services

Design	Description	Quantity	Cond.	Sample	Asbestos type	Access.	Action	Visible
Wall	Drywall		C-N-A					No
Wall	Ceramic tile		n/a	V16				No
Comments: No access into walls or ceiling cavities								
Level : 01 - Floor - Ground Level								
Room : 115 - Storage Room								
Ceiling	Gypsum Board (Drywall)		C-N-A					No
Electrical	None Observed		none					No
Wall	Drywall		C-N-A					No
Floor	Carpet		n/a	A18				No
Pipe	None Observed		none					No
Floor	Tile - Vinyl/Asbestos	3.0	Sq. M	V08	Chrysotile	5.00%	C	7
Comments: No access into walls or ceiling cavities								
Level : 01 - Floor - Ground Level								
Room : 116 - Storage Room								
Ceiling	Gypsum Board (Drywall)		C-N-A					No
Electrical	None Observed		none					No
Wall	Drywall		C-N-A					No
Floor	Sheet flooring		n/a	V04				No
Pipe	None Observed		none					No

Comments: No access into walls or ceiling cavities

# Assessment Report

(sorted by asset ID)

Fort Simpson GOCB

Registered user: Public Works & Government Services

Design	Description	Quantity	Cond.	Sample	Asbestos type	Access.	Action	Visible
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Level : 01 - Floor - Ground Level

Asbestos present : Yes

Room : 117 - Storage Room

Ceiling	Gypsum Board (Drywall)		C-N-A					No
Electrical	None Observed		none					No
Floor	Tile - Vinyl/Asbestos	8.6	Sq. M	V08	Chrysotile 5.00%	B	7	No
Pipe	Fittings Insulated	6.0		V17	Chrysotile 75.00%	C	7	No
Wall	Drywall		C-N-A					No

Comments: No access into walls or ceiling cavities

Level : 01 - Floor - Ground Level

Asbestos present : Yes

Room : 118 - Mechanical Room

Ceiling	Gypsum Board (Drywall)		C-N-A					No
Electrical	None Observed		none					No
Wall	Drywall		C-N-A					No
Floor	Concrete		C-N-A					No
Pipe	Straight Run-Fiberglass		C-N-A					No
Ductwork	Insulated		C-N-A					No
Ductwork	Metal - Bare		C-N-A					No
Wall	Vinyl covered drywall		Good	A19	Chrysotile 20.00%	B	7	No

Comments: No access into walls or ceiling cavities



# Assessment Report

(sorted by asset ID)

Fort Simpson GOCB

Registered user: Public Works & Government Services

Design	Description	Quantity	Cond.	Sample	Asbestos type	Access.	Action	Visible
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Level : 01 - Floor - Ground Level

Room : 119 - General Office

Asbestos present : Yes

Ceiling	Gypsum Board (Drywall)		C-N-A					No
Electrical	None Observed		none					No
Floor	Carpet		n/a	A10				No
Floor	Tile - Vinyl/Asbestos	18.4	Sq. M	V08	Chrysotile 5.00%	A	5	No
Pipe	None Observed		none					No
Wall	Baseboard - Composite		n/a	A09				No
Wall	Baseboard - Parging		n/a	A09				No
Wall	Drywall		C-N-A					No

Comments: No access into walls or ceiling cavities

Level : 01 - Floor - Ground Level

Room : 120 - Storage Room

Asbestos present : Yes

Ceiling	Gypsum Board (Drywall)		C-N-A					No
Electrical	None Observed		none					No
Floor	Carpet		n/a	V10				No
Pipe	None Observed		none					No
Wall	Baseboard - Composite		n/a	V09				No
Wall	Baseboard - Parging		n/a	V09				No
Wall	Drywall		C-N-A					No



# Assessment Report

(sorted by asset ID)

Fort Simpson GOCB

Registered user: Public Works & Government Services

Design	Description	Quantity	Cond.	Sample	Asbestos type	Access.	Action	Visible
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Comments: No access into walls or ceiling cavities

Level : 01 - Floor - Ground Level Asbestos present : Yes

Room : 121 - General Office

Ceiling	Gypsum Board (Drywall)		C-N-A				No
Electrical	None Observed		none				No
Floor	Carpet		n/a	A07			No
Floor	Tile - Vinyl/Asbestos	17.5	Sq. M	A08	Chrysotile 5.00%	C	No
Pipe	None Observed		none				No
Wall	Baseboard - Composite		n/a	A06			No
Wall	Baseboard - Parging		n/a	A06			No
Wall	Drywall		C-N-A				No

Comments: No access into walls or ceiling cavities

Level : 01 - Floor - Ground Level Asbestos present : No

Room : 122 - Front Lobby

Ceiling	Gypsum Board (Drywall)		C-N-A				No
Electrical	None Observed		none				No
Wall	Drywall		C-N-A				No
Floor	Sheet flooring		n/a	V03			No
Pipe	None Observed		none				No
Wall	Baseboard - Composite		n/a	V05			No

# Assessment Report

(sorted by asset ID)

Fort Simpson GOCB

Registered user: Public Works & Government Services

Design	Description	Quantity	Cond.	Sample	Asbestos type	Access.	Action	Visible
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Wall	Baseboard - Parging		n/a	V05				No
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Comments: No access into walls or ceiling cavities

Level : 01 - Floor - Ground Level Asbestos present : No

Room : 123 - Maintenance Shop

Ceiling	Gypsum Board (Drywall)		C-N-A					No
Electrical	None Observed		none					No
Wall	Drywall		C-N-A					No
Floor	Sheet flooring		n/a	A03				No
Pipe	None Observed		none					No
Wall	Baseboard - Composite		n/a	A05				No
Wall	Baseboard - Parging		n/a	A05				No

Comments: No access into walls or ceiling cavities

Level : 01 - Floor - Ground Level Asbestos present : No

Room : 124 - Storage Room

Ceiling	Gypsum Board (Drywall)		C-N-A					No
Electrical	None Observed		none					No
Wall	Drywall		C-N-A					No
Floor	Carpet		n/a	V15				No
Pipe	None Observed		none					No
Wall	Baseboard - Composite		n/a	V05				No

# Assessment Report

(sorted by asset ID)

Fort Simpson GOCB

Registered user: Public Works & Government Services

Design	Description	Quantity	Cond.	Sample	Asbestos type	Access.	Action	Visible
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Comments: No access into walls or ceiling cavities

Level : 01 - Floor - Ground Level

Asbestos present : No

Room : 125 - Front Lobby

Ceiling	Acoustical Tile - 12" by 12"	n/a	V24	No
Electrical	None Observed	none		No
Wall	Drywall	C-N-A		No
Floor	Carpet	n/a	V10	No
Pipe	None Observed	none		No
Floor	Sheet flooring	n/a	V03	No
Wall	Baseboard - Composite	n/a	V05	No
Wall	Baseboard - Parging	n/a	V05	No

Comments: No access into walls cavity

Level : 01 - Floor - Ground Level

Asbestos present : No

Room : 126 - Front Lobby

Ceiling	Acoustical Tile - 12" by 12"	n/a	V24	No
Electrical	None Observed	none		No
Wall	Drywall	C-N-A		No
Pipe	None Observed	none		No
Floor	Sheet flooring	n/a	V03	No
Wall	Baseboard - Composite	n/a	V05	No

# Assessment Report

(sorted by asset ID)

Fort Simpson GOCB

Registered user: Public Works & Government Services

Design	Description	Quantity	Cond.	Sample	Asbestos type	Access.	Action	Visible
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Wall	Baseboard - Parging		n/a	V05				No
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Ceiling	Acoustical Tile - 24" by 48"		n/a	A23				No
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Comments: No access into walls cavity

Level : 01 - Floor - Ground Level      Asbestos present : No

Room : 127 - Front Lobby

Ceiling	Acoustical Tile - 12" by 12"		n/a	A24				No
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Electrical	None Observed		none					No
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Wall	Drywall		C-N-A					No
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Pipe	None Observed		none					No
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Floor	Sheet flooring		n/a	V04				No
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Wall	Baseboard - Composite		n/a	V01				No
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Wall	Baseboard - Parging		n/a	V01				No
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Ceiling	Drywall - Filler Compound		C-N-A					No
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Floor	Sheet flooring		n/a	V12				No
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Floor	Adhesive Compound		n/a	V13				No
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Comments: No access into walls cavity

Level : 01 - Floor - Ground Level      Asbestos present : Yes

Room : 128 - Storage Room

Electrical	None Observed		none					No
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Pipe	None Observed		none					No
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# Assessment Report

(sorted by asset ID)

Fort Simpson GOCB

Registered user: Public Works & Government Services

Design	Description	Quantity	Cond.	Sample	Asbestos type	Access.	Action	Visible	
Ceiling	Fireproofing - Spray on	2.0	Sq. M	Good	V19	Chrysotile 20.00%	B	7	Yes
Floor	Concrete			C-N-A					No
Wall	Texture Coat	16.4	Sq. M	Good	V19	Chrysotile 20.00%	B	7	Yes

Comments: No standard comment

Level : 01 - Floor - Ground Level Asbestos present : No

Room : 129 - Storage Room

Ceiling	Gypsum Board (Drywall)			C-N-A					No
Electrical	None Observed			none					No
Wall	Drywall			C-N-A					No
Floor	Sheet flooring			n/a	V04				No
Pipe	None Observed			none					No
Wall	Baseboard - Composite			n/a	V05				No

Comments: No access into walls or ceiling cavities

Level : EXTERIOR Asbestos present : Yes

Room :

Wall	Foundation-Insul Transit			n/a	A22				No
Wall	Windows with Transit Panels	37.5	Sq. M	Good	A21	Chrysotile 5.00%	A	5	Yes

Comments:

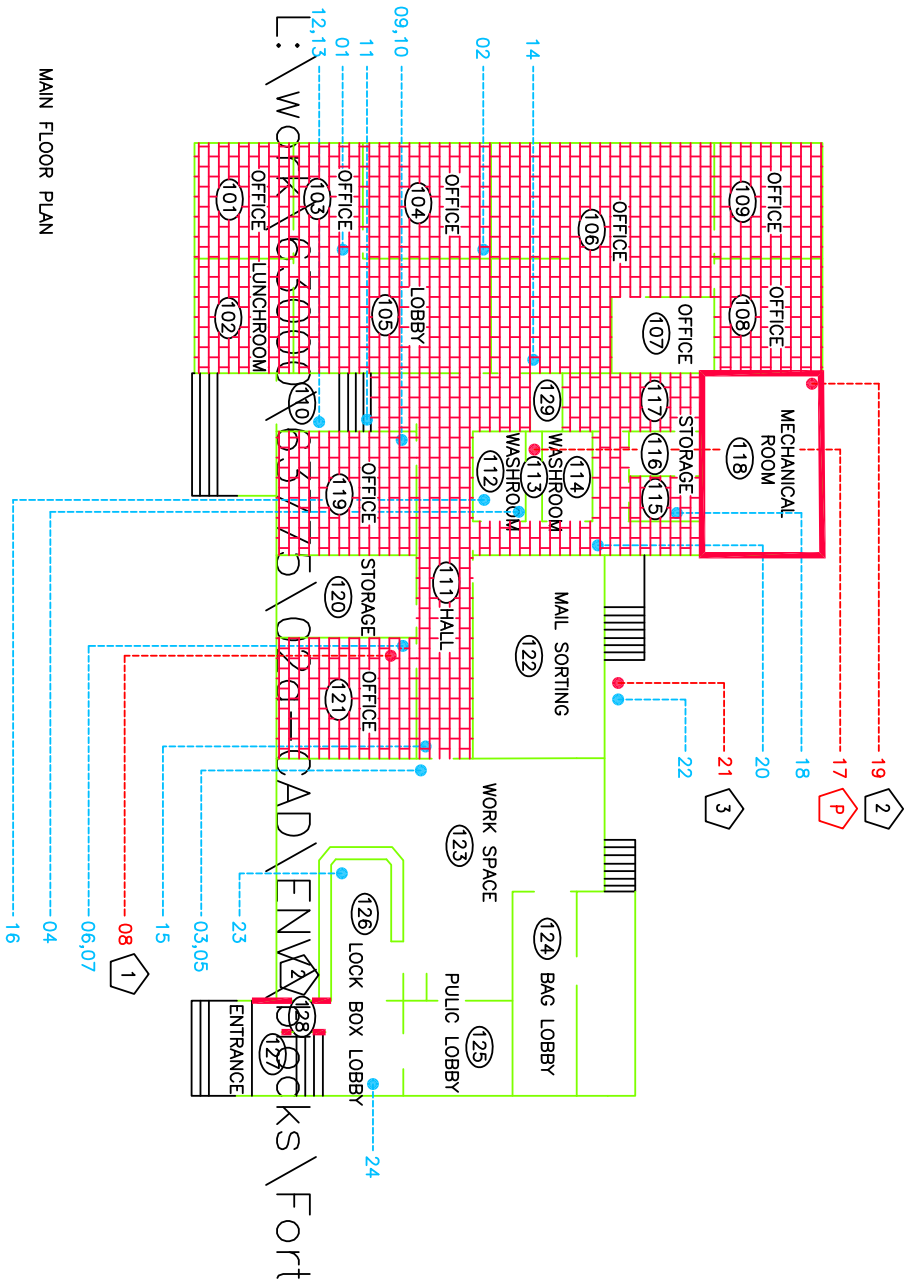
Asphalt surface on roof. No destructive testing completed on roof.

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## **APPENDIX D**

### **SITE DRAWINGS**

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# Fort Simpson GOCB Asbestos Drawing

## Main Floor Plan

### Legend

(123) SAMPLE ROOM NUMBER  
03 SAMPLE NUMBER

ASBESTOS NON DETECTED

ASBESTOS DETECTED

ASBESTOS - WALL

ASBESTOS - CEILING

ASBESTOS - FLOOR

ASBESTOS - CEILING & FLOOR

NO ACCESS

NO ACCESS

### Notes

P SAMPLE 19, MECH. PIPE FITTINGS.  
NO VISUALLY SIMILAR SAMPLES.

1 VINYL FLOOR TILE IN ROOMS 101 TO 106, 108  
109, 111, 115, 117, 119 SIMILAR TO SAMPLE 08.

2 WALLBOARD IN ROOM 128 SIMILAR  
TO SAMPLE 19.

3 SAMPLE 21, TRANSITE PANELS (EXTERIOR).  
NO VISUALLY SIMILAR SAMPLES.

Figure 1 of 1

Scale 1:150  
0 2.5 5.0 7.5 10.0 12.5m  
Date: February 25, 2003

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## **APPENDIX E**

### **GENERAL CONDITIONS OF USE**

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The production and use of this Report is conditional upon the following agreement by the Client and Others who may use or rely upon it.

**1. MANDATE OF EARTH TECH**

This Report has been prepared pursuant to the instructions of the Client, and is subject to the constraints imposed by those instructions. Earth Tech & Partners Ltd. ("Earth Tech") and the Client are aware of these instructions and constraints. Others, who wish to rely upon this Report in any manner, should inquire of the Client for the terms of Earth Tech's mandate in preparing this Report.

**2. BASIS OF REPORT**

**2.1 Representations to Earth Tech by Client**

This Report has been prepared for the specific site, development, design objective, and purpose described to Earth Tech by the Client and is specifically based on all of the aforesaid.

Inaccuracies or alterations, of any of the matters upon which this Report is based, will affect the reliability and applicability of this Report.

**2.2 Representations to Earth Tech by Other Persons**

Earth Tech may have relied upon the representations or opinions of persons other than the Client in the course of preparing this Report. Earth Tech may not have checked the accuracy of such representations or opinions except where directed to do so by the Client. The accuracy of these representations and opinions will affect the accuracy of this Report.

**2.3 Time Sensitivity of Report**

The findings expressed in this Report by Earth Tech were valid, in accordance with generally accepted engineering practice and procedures, at the time that they were made. The Client and Others are advised that the conditions upon which such findings were based, and the findings themselves may be subject to change as a result of the passage of time.

**3. USE OF REPORT BY THE CLIENT**

The Client recognizes that projects involving pollutants and hazardous waste, as defined below, create extraordinary risks. In consideration of the said extraordinary risks and in consideration of Earth Tech providing the services to the Client in connection with the project on which pollutants and hazardous wastes are involved, the Client agrees that Earth Tech's liability to the Client, including liability resulting from claims by Third Parties upon the Client, with respect to any matter in any way arising out of Earth Tech's involvement with pollutants and hazardous wastes associated shall be limited to or otherwise protected as provided in paragraphs (a) and (b) below.

- (a) Earth Tech's liability to the Client in connection with pollutants and hazardous waste is absolutely limited, both in contract and in tort for any and all claims arising out of or in connection with the project to a total maximum aggregate amount not to exceed the cost of reperformance of the services at the sole cost of Earth Tech for that portion of the services proven to be in error.

It is further agreed that such limitation shall be exclusive of the liability of Earth Tech to the Client which may otherwise be provided for in this Agreement for claims unrelated to pollutants and hazardous wastes.

In further consideration of Earth Tech providing the services to the Client in connection with the project in which pollutants and hazardous wastes are involved, the Client agrees that in connection with incidents and claims initiated by Third Parties involving pollutants and hazardous wastes, the Client shall indemnify, defend and hold harmless Earth Tech of and from any and all suits, actions, legal and administrative or arbitration proceedings, claims, demands, damages, penalties, fines, losses, costs and expenses of whatsoever kind or character, arising or alleged to arise out of the services of Earth Tech or any claim against Earth Tech arising or alleged to arise from the acts, omissions or work of others. Such indemnification shall apply to the fullest extent permitted by law,

regardless of fault or breach of contract by Earth Tech and shall include the fees and charges of lawyers in defending or advising Earth Tech as to such claims under the Agreement.

Without limiting the generality of the foregoing, such indemnity extends to claims which arise out of the actual or threatened dispersal, discharge, escape, release or saturation (whether sudden or gradual) of any pollutant to hazardous waste in or into the atmosphere, or on, on to, upon, in or into the surface or subsurface, soils, water or water courses, persons, objects or any other tangible matter.

- (b) Nothing herein shall relieve Earth Tech from their obligations to provide the services required by this Agreement and generally as required by standard engineering practice current as of the date of the performance of the services.

- (c) For all purposes of this statement of limitations, "pollutants and hazardous wastes" shall mean any solid, liquid, gaseous or thermal irritant or contaminant, including without limitation smoke, vapour, soot, fumes, acids, alkalis, chemicals and wastes, including without limitation, pollutants, hazardous or special waste as defined in any federal, provincial or municipal laws.

**4. SUBCONSULTANTS AND SUBCONTRACTORS**

As a result of its mandate, Earth Tech may hire companies or individuals with special expertise or services not available within Earth Tech. These services are for the Client's benefit. The Client agrees to pay for the services of subconsultants and subcontractors. The Client also agrees to indemnify Earth Tech for any damage in any way resulting from the error, omission or negligent act of such subconsultants or subcontractors, including, without limiting the generality of the foregoing, the laboratory testing by subconsultants.

**5. JOB SITE SAFETY**

Earth Tech is only responsible for the activities of its employees on the job site and is not responsible for the supervision of any other persons whatsoever. The presence of Earth Tech personnel on the site shall not be construed in any way to relieve the Client or any other persons on site from their responsibilities for job site safety.

**6. HAZARDOUS CONDITIONS AND EMERGENCY PROCEDURE**

The Client undertakes to inform Earth Tech of all hazardous conditions, or possible hazardous conditions which are known to it. The Client recognizes that the activities of Earth Tech may uncover previously unknown hazardous materials or conditions and that such a discovery may result in the necessity to undertake emergency procedures to protect Earth Tech employees as well as other persons and the environment. These procedures may involve additional costs outside of any budgets previously agreed to. The Client agrees to pay Earth Tech for any expenses incurred as a result of such discoveries and to compensate Earth Tech through payment of additional fees and expenses for time spent by Earth Tech to deal with the consequences of such discoveries.

**7. NOTIFICATION OF AUTHORITIES**

The Client acknowledges that in certain instances the discovery of hazardous substances or conditions and materials may require that government bodies, and other persons, be informed and the client agrees that notification to such bodies or persons as required may be done by Earth Tech in its reasonably exercised discretion.

**8. USE OF REPORT BY OTHERS**

Others wishing to rely upon this Report in any manner may do so only upon condition that such use, and the consequences of such use, are entirely at their own risk and that they understand fully the terms of the Mandate and Basis of this Report.

It is further agreed by such Others that Earth Tech will not be liable to them in any manner including any liability in contract or in tort for any damages whatsoever arising from such use.