

The Corporation of the Municipality of Sioux Lookout

25 Fifth Avenue, P.O. Box 158 Sioux Lookout, Ontario • P8T 1A4 Telephone: (807) 737-2700

Facsimile: (807) 737-3436 www.siouxlookout.ca

Development Services Department

August 26, 2024

Dear Sir/Madam:

Re: Request for Quote – Invasive Asbestos Audit and Designated Substance Survey – Lost Lake Centre and the Hudson Community Centre – RFQ - Q018-2024

The intent of this invasive asbestos audit and designated substance survey is to sample different building materials in each facility to determine if asbestos containing materials (ACM) and designated substances exist. All sampling and work to be completed in accordance with O Reg 278/05. The buildings may be demolished in the future, the findings of this survey will help to estimate the future costs of these demolitions.

The Consultant Shall:

Complete an assessment of each property in order determine if ACM is suspected or present.

Take samples as needed and complete the necessary testing to confirm or deny the presence of ACM.

Determine if the following substances are suspected or present:

- Mold
- Lead
- Mercury
- UFFI (Urea Formaldehyde Insulation)

The Lost Lake Centre is heated by an oil-fired furnace. Please investigate the area around the oil tank and furnace to determine if there is evidence of fuel oil contamination beyond the building envelope.

Provide a final report which list if any ACM or designated substances are found, provide details on the location and amount of the affected material. Provide information about the friability and condition of the affected material. If any designated substances are found, provide details on the location and amount of the affected materials. Include recommendations on properly disposing any designated substances found. Provide a recommendation as to whether or not additional investigations are needed to determine if there is fuel oil contamination.

Complete the work no later than December 20th, 2024.



The Municipality Shall:

Provide the opportunity for the proponent to view the sites during regular business hours during the RFQ phase.

Included with the RFQ are building details and pictures of each facility and a non-invasive asbestos audit for the Lost Lake Centre and Community Hall.

Municipal staff will repair any area damaged or opened up areas resulting from the invasive investigative process.

Please forward your written quote clearly marked "Quote for Invasive Asbestos Audit" by 10:00 am local time, <u>September 17th, 2024</u> to (email submissions are permitted):

Jody Brinkman, Manager of Development Services Municipality of Sioux Lookout PO Box 158, 25 Fifth Avenue, Sioux Lookout ON. P8T 1A4

Fax: 807-737-3436 Phone: 737-2700 ext. 2244 Email: cbo@siouxlookout.ca

21 Second Street, Hudson - Lost Lake Centre:

Original construction date is unknown, approximately 3000sqft wood framed construction with a full basement and concrete foundation.























29 Second Street, Hudson - Community Hall:

The Hudson Community hall was constructed during the 1970's and is approximately 4,000sqft. Slab on grade.













Please contact the undersigned if you have any questions or need clarification on anything. All responses will be forwarded to all firms partaking in the RFQ process.

Thank you for your interest and we look forward to receiving your quote.

Sincerely,

The Corporation of the Municipality of Sioux Lookout

Jody Brinkman

July 12

Manager of Development Services Development Services Department

Attachments:

Lost Lake Centre – Asbestos Audit Community Hall – Asbestos Audit



December 19, 2017

Project No. 17-266-15

VIA EMAIL: (cbo@siouxlookout.ca)

Mr. Jody Brinkman Manager of Development Services Municipality of Sioux Lookout PO Box 158, 25 Fifth Avenue Sioux Lookout, ON P8T 1A4

Dear Mr. Brinkman:

Re: Asbestos Audit

Community Hall

29 Second Street, Hudson, Ontario

True Grit Engineering (TGE) is pleased to provide to the Municipality of Sioux Lookout the results of a baseline asbestos audit (AA) for the Community Hall located at 29 Second Street in Hudson, Ontario. The AA was requested by Mr. Jody Brinkman, Manager of Development Services for the Municipality of Sioux Lookout, and TGE understands that it was requested in order to meet the requirement under Ontario Regulation 278/05 (O. Reg. 278/05), Designated Substance – Asbestos on Construction Projects and in Buildings and Repair Operations, for an inventory of asbestos-containing materials (ACM) for the building.

Summary

ACM were confirmed to be present in the subject building. None of the identified ACM were observed to be in poor condition or fallen.

TGE provides recommendations for ongoing management of ACM in the subject building.

Background and Methodology

The Community Hall is a single storey, slab on grade, building with a large open concept gymnasium, a kitchen, washrooms and storage rooms. TGE understands that the subject building was constructed in or around 1970.

Asbestos was used widely in building materials prior to 1995. Typical asbestos-containing building materials include, but are not limited to, thermal system insulation (TSI), flooring, plaster, stucco, mud joint compound (MJC) associated with finished drywall and ceiling tiles (CT). Building materials containing asbestos can still be purchased for limited applications (e.g. high temperature or corrosive applications); however, asbestos is not expected to be found in most building materials purchased and installed after 1995.

A site visit to the subject building was completed by Mr. Mike Broere, TGE Air Quality Scientist and Ms. Layla Miller, TGE Engineer-in-Training, on December 7, 2017. The site contact was Mr. Richard Fenelon, Facilities Division Supervisor, Municipality of Sioux Lookout. Since this AA was a baseline audit the inspection was minimally invasive and hidden areas, such as those above or behind solid finished ceilings or walls, were viewed where accessible. Samples were not collected where sample collection would compromise the integrity of the subject building or cause unsightly damage to finished surfaces.

1263 Innovation Drive, Thunder Bay, ON, P7B 0A2 Tel: (807) 626-5640 | Fax: (807) 623-5690



Mr. Jody Brinkman Municipality of Sioux Lookout Asbestos Audit Report - Hudson Community Hall Project No. 17-266-15 December 19, 2017

A visual inspection of functional spaces and rooms in the subject building was conducted to identify materials that could contain asbestos. Potential ACM observed during the site investigation were identified as either friable or non-friable. Friable material is defined in O. Reg. 278/05 as a material that when dry, can be crumbled, pulverized or powdered by hand pressure alone or one that exists in a crumbled, pulverized or powdered state. Additionally, the quantity and condition of potential ACM were noted during the site visit.

Building materials suspected of containing asbestos were collected and sampled in accordance with O. Reg. 278/05. Samples were analyzed via Polarized Light Microscopy (PLM) following the U.S. Environmental Protection Agency Test Method EPA/600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials, June 1993. Where samples consisted of more than one distinct layer (i.e. vinyl floor tile, paper-type backing, mastic, etc.), each layer was analyzed and reported separately.

Materials found to contain 0.5% or more asbestos were identified as ACM (as per Ontario Regulation 278/05). The attached summary table contains the results of analysis along with the condition, quantity and friability of identified ACM.

Results

A table of asbestos results, photographs and field notes, including a site plan sketch with sample locations indicated, and a laboratory Certificate of Analysis, are attached. Following is a brief summary of the results of the AA for the subject building:

- Non-friable ACM are present in the Hudson Community Hall.
- Additional ACM may be present in areas of the subject building that were not part of the baseline AA or were hidden from view.
- ACM in poor condition were not observed in the subject building.

Conclusions and Recommendations

Based on the results of the AA for the Hudson Community Hall, TGE presents the following conclusions and associated recommendations (recommendations are shown in italic font):

- ACM are present in the Hudson Community Hall and the requirements described in O. Reg. 278/05 apply to the subject building.
- This report meets the requirement under O. Reg. 278/05 for an inventory of ACM for the subject building.
- Keep a copy of this report on site.
- The building owner should be aware of his responsibilities regarding the identified ACM under O. Reg. 278/05, such as
 the requirement for regular (i.e. annual) inspections, notification of workers and/or employees and precautions that
 must be taken when handling or disturbing identified ACM.
- ACM in good condition and undisturbed do not have to be removed from a building.
- Avoid unnecessary disturbance of ACM. Develop work procedures that will accommodate the presence of ACM.



Mr. Jody Brinkman Municipality of Sioux Lookout Asbestos Audit Report - Hudson Community Hall Project No. 17-266-15 December 19, 2017

- Provide asbestos awareness training for any employees whose work may involve disturbance of ACM.
- Provide a copy of this report to contractors when tendering or completing renovation or demolition work.
- If renovations are planned for the subject building then prepare a drawing showing the general location of identified ACM and provide the drawing to contractors when tendering or completing renovation or demolition work.
- Any demolition or renovation work involving identified ACM must follow the work procedures outlined in O. Reg. 278/05.
- Prior to beginning any renovations, including demolition, complete a fully invasive asbestos audit (AA) for the renovation area. In particular, be aware that the following potential ACM may be present:
 - insulating material inside of hollow metal doors;
 - sealants or caulking materials around windows, doors or equipment penetrations through walls or the roof;
 - insulating material behind or above solid walls and ceilings;
 - o multiple layers of flooring including flooring that may be present under wooden subfloor material; and
 - insulating materials inside pumps, boilers, furnaces, valves, tanks, flanged pipe fittings, motors, transformers, generators or other equipment.
- Notify contractors that if, during the course of renovations or demolition, suspected ACM is encountered, all work should cease immediately and the material should be sampled and analyzed to determine whether it contains asbestos.
- Asbestos waste must be transported by a Ministry of the Environment and Climate Change (MOECC) licensed carrier to a licensed landfill willing to accept it.

Limitations

The information and data contained in this report, including without limitation, the results of any sampling and analyses conducted by TGE pursuant to its Agreement with the client, have been developed or obtained through the exercise of TGE's professional judgment and are set forth to the best of TGE's knowledge, information and belief. Although every effort has been made to confirm that this information is factual, complete and accurate, TGE makes no guarantees or warranties whatsoever, whether expressed or implied, with respect to such information or data.

The information and data presented in this report are based on the purpose and scope of the project and form the basis for any conclusions and recommendations presented herein. Any conclusions and recommendations presented herein do not preclude the existence of environmental concerns other than those that may have been identified.

Work performed by TGE personnel employed sound environmental assessment principles. TGE cannot guarantee the accuracy and reliability of information provided by others or third parties. Therefore, TGE does not claim responsibility for undisclosed environmental concerns or conditions that may result in costs for environmental clean-up and/or remediation. This report is intended for information purposes only.



Mr. Jody Brinkman Municipality of Sioux Lookout Asbestos Audit Report - Hudson Community Hall Project No. 17-266-15 December 19, 2017

Closure

We trust this is sufficient for your current requirements. If you have any questions or require further information, please do not hesitate to contact the undersigned at 807.285.9005.

Sincerely,

TRUE GRIT ENGINEERING

Jacquie Elvish, B.Sc., CRSP

Senior Health and Safety Specialist

jelvish@truegriteng.com

JE/LM/MB:ls

Enclosures:

Table of Asbestos Results

Photographs

Field Notes (including a site sketch with sample locations)

Laboratory Certificate of Analysis



Table of Asbestos Results for Hudson Community Centre



Table 1. Summary of Asbestos Information Community Hall 29 Second Street, Hudson, ON December 7, 2017									
Material Type¹ (Sample reference #)	Description and Location ²	Asbestos Containing? (Method) ³	Asbestos Content and Friability ⁴	Condition⁴	Estimated Total Qty ⁴				
	ruction is in or around 1970.								
Identified Asbestos-Cor	ntaining Materials (ACM)								
VFT (HCH – S2)	9"x9", pink/grey VFT with white streaks observed in Room 3.	YES (LA)	1-10% Chrysotile Non-Friable	Good to fair	19.5 m²				
VFT (HCH – S6)	9"x9", green/grey VFT with streaks observed in Rooms 8 and 9.	YES (LA)	>75% Chrysotile Non-Friable	Good to fair	7.61 m²				
0 (HCH – S7)	Grey fibrous ceiling boards observed above the CTs in Rooms 4 to 7.	YES (LA)	25-50% Amosite Non-Friable	Good	64.3 m²				
Identified Non-ACM									
VFT (HCH – S1)	12"x12", grey VFT with white streaks observed in Room 1.	NO (LA)							
Mastic (HCH – S2)	Mastic under 9"x9" pink/grey VFT with white streaks observed in Room 3.	NO (LA)		1					
VFT (HCH – S3)	12"x24", VFT with beige tile pattern observed in Room 4.	NO (LA)		1					
VFT (HCH – S4)	12"x12", grey/brown VFT with white streaks and flecks observed in Rooms 5 to 7.	NO (LA)							
MJC (HCH – S5)	Mud joint compound associated with finished gypsum board walls observed in Rooms 4 to 7.	NO (LA)							
Mastic (<i>HCH</i> – <i>S6</i>)	Mastic under 9"x9" green/grey VFT with streaks observed in Rooms 8 and 9.	NO (LA)							
O (HCH – S8)	Black asphalt shingle covering located on the exterior walls of the subject building.	NO (LA)							
0	Wood fibre boards observed on the walls and ceilings in Rooms 1 to 3 and 8 to 9.	NO (V)							
СТ	2'x4' white textured and off-white fiberglass CTs observed in Rooms 4 to 7.	NO (V)							
0	Carpet flooring observed in Room 8.	NO (V)							
Roofing	Corrugated metal materials observed on the exterior of the subject building.	NO (V)		1					
0	Uninsulated piping and ductwork was observed throughout the building.	NO (V)		1=-					
Potential ACM									
Insulating materials	Potential for insulating materials inside hollow metal doors.	Possible							



Estimated

Total Qty4

Table 1. Summary of Asbestos Information Community Hall 29 Second Street, Hudson, ON December 7, 2017 Material Type¹ (Sample reference #) Description and Location² Description and Location² Asbestos Containing? (Method)³ Friability⁴ Condition⁴ Friability⁴

Notes:

Flooring

Caulking and/or

sealants

TSI

1. TSI = Thermal System Insulation on pipes, fittings and boilers; MJC = Mud Joint Compound associated with finished gypsum board; VFT = Vinyl Floor Tile; CT = Ceiling Tile; VSF = Vinyl Sheet Flooring.

Possible

Possible

Possible

2. Corresponds to room identifier on attached drawings.

tanks.

- 3. LA = Samples collected and submitted for laboratory analysis; V = Materials identified by careful visual assessment; R = Reported by site contact to have been installed after 1995.
- 4. Information only provided for asbestos-containing materials.
- 5. EA = "Each" individual occurrence of pipe elbows, fittings or other small insulation coverings.
- 6. Asbestos-containing material (i.e. 0.5% or more asbestos content) shown in bold font.

under carpet, top layers of flooring

materials or wooden subfloors.

windows and doors.

Caulking and/or sealants around

Insulating materials may be hidden behind or above solid walls and ceilings.

hidden inside of boilers, furnaces or

Insulating materials or gaskets may be

7. Possible asbestos-containing materials (i.e. materials not sampled in order to maintain the integrity of the building envelope) shown in italics. These materials should be sampled and analyzed for asbestos content prior to any activity that may disturb them (e.g. renovations).



Photographs



COMMUNITY HALL 29 SECOND STREET, HUDSON, ONTARIO

GENERAL BUILDING PHOTOS





Photo 1: Exterior of Community Hall.

Photo 2: Exterior of Community Hall.







Photo 4: Kitchen - Room #4.



ASBESTOS-CONTAINING MATERIAL





Photo 5: Asbestos-Containing (AC) 9"x9" pink/grey VFT with white streaks (HCH – S2) – Room #3 – Storage room.

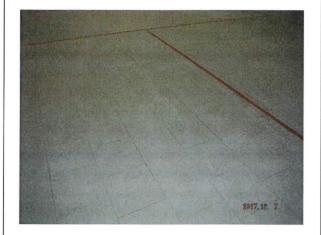
Photo 6: AC 9"x9" green/grey VFT with streaks (HCH – S6) – Room #8 – Raised storage room.



Photo 7: AC grey fibrous ceiling boards above the CTs (HCH – S7) – Room #6 – Mens' washroom.



OTHER MATERIALS (NON-ACM AND POTENTIAL ACM)



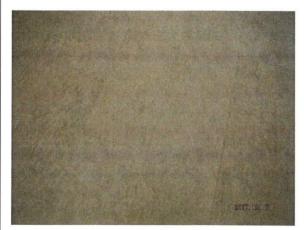


Photo 8: Non-Asbestos Containing (Non-ACM) 12"x12" grey VFT with white streaks (HCH – S1) – Room #1 – Main hall.

Photo 9: Non-ACM 12"x24" VFT with beige tile pattern (HCH – S3) – Room #4 – Kitchen.



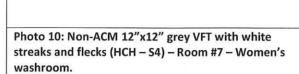




Photo 11: Non-ACM MJC associated with finished walls and ceilings (HCH - S5) - Room #5 - Hallway.



OTHER MATERIALS (NON-ACM AND POTENTIAL ACM)





Photo 12: Non-ACM black asphalt shingle covering on the exterior walls (HCH – S8) – Exterior.

Photo 13: Non-ACM wood fibre boards on the walls and ceiling (visual I.D.) – Room #2 – Sports equipment storage room.





Photo 14: Non-ACM 2'x4' white textured and offwhite fibreglass CTs (visual I.D.) – Room #4 – Kitchen.

Photo 15: Non-ACM corrugated metal materials on the exterior of the subject building (visual I.D.) – Exterior.



OTHER MATERIALS (NON-ACM AND POTENTIAL ACM)



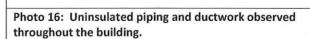




Photo 17: Potential ACM insulating materials inside hollow metal doors – Throughout subject building.



Field Notes (including a site sketch with sample locations)

Master List - Asbestos Samples



Facility	Community Hall	Date 7-Dec-17
Project #	17-266-15	

Sample ID	Description	
MCH-Sla- L	12" × 12" sny VFT white struckes	
HCH-SZa-L	9"x9" UFT, pinklyney is whole strenks (mastic not ACM))
HCH-539-C	12"x24" VFT longe tile pottern.	
HCH-Sta-c	12"x12" UFT (gray/bound) with white 6 tracks + Phales	
HCH-SSana	MJC	
HCH-Sloa-c	9"x9" VFT, green grey w strenks. (mastic not Acm	(
HCH-57a-C	ceiling rement (?) hoards	•
HCH-S8a-C	asphalt/shingle covering	

TRUE GRIT ENGINEERING 1263 Innovation Drive, Thunder Bay, ON P7B 0A2 CLIENT: Municipality of Sioux Lookout	DESIGNED BY: Lm/m PROJECT: Asbestos A	PROJECT NO. [] 7 2.6.6 1.5 B. CHECKED BY: udi+ for 13 Municipal
	Floor Plan	
Community Hall, main	1001 (147)	
Hc#-54c 9		
HÖH		
HCH-56a-C (8)		
+CH-STa-C		
		
.00		
(4)		
	(i)	
HCH-Slac		
		
X S		
HCH-SZA	0	
HCH-52b 3	HCH-SIC	
(3)		
X HCH-52C	HCH-SID	
HCH-32C	. 7	
	HCH-SIA	(2)
		NOT TO SCALE
Figure 1. main Floor Sample L and General Location	ocations <u>LEGEN</u>	mNumber (Assigned by TGE)
will General Location	V K00	pestos Sample Location sbestos-Containing Sample L

TRUE GRIT ENGINEERING 1263 Innovation Drive, Thunder Bay, ON P7B 0A2 CLIENT: Municipality of Sioks Look out					D	ESI ROI	GN!	ED:	BY. Asb	L. es:1	m.	l.tm X	B	 lit.	CI ft	IEC	KEI 13.	BY LYN	an un	. 7 n.C.	pa.	 Z												
		<u> </u>		1	1	GC1,		4,6,46							İ	1	<u>, </u>		<u> </u>		******							1					<u>-</u>	
	_(On	กา	40	it	4	ta	11.	56	20	no	{	Flo	0	_	26	er	 							<u> </u>									
				<u> </u>	1												-	-	<u> </u>	<u> </u>			<u> </u>	1										
,	-																															,		
					<u> </u> 																													
	:]		,] !					i					-				
						1											•							•										
						{ 																			المحادث									
												·						:												İ				
							ļ !																											
																		1									-					,	-	
						1									 						.			:				,						
		13	1																					: !										
				ĺ		!]]																j									
					-															ļ										١				
				<u> </u>														ļ ļ						,		1								
								_								<u> </u> 	<u> </u>	<u> </u>					<u> </u>	ļ					-					
	į																							1										
						<u>}</u>									(1	! }																	
															7																			
										=				7/12-16-8-11		{	,							1			 							
	ļ												.			ノ																		
		1	<u> </u>					}			1				_(10	ソ	<u> </u>			-		1	<u> </u>		<u> </u>								
Ç	-ia	uγ	e	2.	Se	CO	nd	F	-(<i>c</i>	or	ا ي	Ùη	nd.	<u>.</u>	Lα	ad	ťO	15			EG	E	<u> </u> 										- Aprila	***************************************
	1			: ;				SCI	- 1							İ .		† — !	ļ	0		R	i I	m	Уu	mil	er	(19	551	lgh	ed	by	TE	E)
	ļ			١	וטכ	Т	Ö	s:Ci	4)Li	=					•		!	: :	×	SH	1-C	C G	asb Asb	est est) (05 ·	sar Cu	np mt	le air	Lo	oca g si	am	かり ゆ/ご	u	<i>utio</i> n
			!						i										×	S	a-	C	Asb	254	cs.	c	nt	air	in	ने श	am	ے/م	u	<i>utio</i> n



	Inform	

Facility	Community Hall	
Building t.D.	29 Second Street, Hudson	
Floor	main	
Room I.D.	10 main Hall	

Pro	lect	info	rma	tion

Project #: 17-266-15

Client: Corporation of the Municipality of Sioux Lookout

Date: Dec. 4.2512

Assessor: Lm/m/8

Ceiling Height	201 (round)

Room	Dime	nsions		

	LOCATION		Ţ,	PE OF MATI	ERIAL3				Comments		FRIABILIT	A 6	ONE	ITION ⁵	PFD	
	Sample ID ¹ Surface ²	TSI (Pipe) TSI		VSF VFT		Drywali	ст	Other		QTΥ	F NF	-	7	F P		_
HCU	-51a-c F			<u>. X</u>					12x1z, grey		*		1 ~			
	E.		· · · · · · · · · · · · · · · · · · ·					¥	pour d concrete							
	<u>u</u>	-						X	wood fibreboard (I wail)				<u> </u>			
	W		·						plywood					1 1		
	<u> </u>								ixoa fibre board				T	7	, j.	
														1		
	_0							<u> </u>	bare ducting							
		·		<u> </u>					bare ducting 2 hollow metal doors							
		·						: !** • • • • • • • • • • • • • • • • • •								
								·							1.1.	
	de central servicione e comprese el 1870 de 1880 de 1880 de 1880 de 1880 de 1880 de 1880 de 1880 de 1880 de 18	·										_ _				-44
		and the second s	·····									_				
																
								·								
•				•								_	-			
			,											: '		
											<u> </u>					
		· · · · · · · · · · · · · · · · · · ·											; .+			
											1			,		

Notes:

- 1. S# = sample; VS (S#) = visually similar to sample collected elsewhere.
- 2. C=ceiling; W=Wall; F=Floor; P=Piping; V=vessel; O=Other
- 3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
- 4. F=friable; NF=non-friable
- 5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
- 6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats, smoke detectors observed. NIP Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)



Building Inform	mation	Project Information	Ceiling Height 7
Facility	Community Hall	Project #: 17-266-15	
Building I.D.	29 Second Street, Hudson	Client: Corporation of the Municipality of Sioux Lookout	Room Dimensions
Floor	main	Date: DPC 7,2017	
Room LD.	(2) SMITH EDILID CHARACT.	Assessor: 1 m/mB	
			3

LOCA						ERIAL ³						Comments		YTO	FRIA	BILLTY ⁴	CON	OTTON ⁵		PFD ^{\$}	٦
Sample ID ¹	Surface ²	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	ст	Other			· · · · · · · · · · · · · · · · · · ·		UIT	F.	NF	E 6	1 1		V /	Ā
	. E_								义	poures	ronc	rete					:	. 1			٦
	<u>: ن</u>			; <u></u>	- 			,	У	wood	Abro	board					.	;			
			;			Ĺ			¥	wood	fibre	board				, 					
																	-				
	!											The second of th							-	1	
			-													1					
					Γ.											1					
	,							1				**************************************		-							1
1	•• • • • • • • • • • • • • • • • • • • •				• !	·											1	i			ı
	:		·		ī	,			·								-				٦
	!				1	:						,									
	· • · · · · · · · · · · · · · · · · · ·		····		÷			pin - Arrego - Arre					· · · · · · · · · · · · · · · · · · ·				1			···· ·	
			مساه بسياد وراسط		:												-				
	and company of the		<u></u>														- <u> i - </u>			1	7
<u> </u>	· · ·		, 	 -		4		-							•					- -	1
	÷	— ,	· · · · · · · · · · · · · · · · · · ·	<u>.</u>	<u>:</u>	:											·	الدائم الجال			7
-	<u>.</u>	l	<u> </u> 		<u>-</u>			<u></u>												+	- {
ļ	:				* ~											†··		- L	1	Ť	
	<u></u>	l -	 	!	1	, •		~ ~												L_	-
4.		1	T.	!					·	5	_			1							

Notes:

- 1. S# = sample; VS (S#) = visually similar to sample collected elsewhere.
- 2. C=ceiling; W=Wall; F=Floor; P=Piping; V=vessel; Q=Other
- 3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MIC = mud joint compound; CT = ceiling tile
- 4. F = friable; NF = non-friable
- 5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = 900r (>25% damage)
- 6. C = contact/accessible; V = vlbration; A = alr erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats, smoke detectors observed.... \(\forall \) [W] Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)



Building Information

Facility	Community Hall	
Building I.D.	29 Second Street, Hudson	
Floor	main	
Room I.D.	(3) storage	

Pro	iect	Infor	rmation
-----	------	-------	---------

Project #: 17-266-15

Client: Corporation of the Municipality of Sioux Lookout

Date: Dec. 7, 2017 Assessor: 1 m/m B Ceiling Height

Room Dimensions

14'6" x 14'6"

4.4196mx 4.4196m)

LOCAT	ON			TYPE O	F MAT	ERIAL3				Comments	OTY	FRIA	BILITY	CC	NDIT	ION ⁵	F	FD ⁶	
Sample ID1	Surface ²	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	СТ	Other		QTY		NF						ί.
	F								X	boured concrete	ĺ								
1-520-0	F				X			1946		9x9, grey & pink with whits strips	19.53	m²	x		X	x	HI	nL	4
	W									poured concrete 9x9, grey + pink with whits strips wood fibre board									
	С								х	wood fibre board								+	
					-												H	+	
																		1	
) 					-			
																	\mathbb{H}	+	
																		+-	
												-							

Notes:

- 1. S# = sample; VS (S#) = visually similar to sample collected elsewhere.
- 2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
- 3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
- 4. F = friable; NF = non-friable
- 5. E = excellent (no darnage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
- 6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm

= 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats, smoke detectors observed. Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)



Building Information

Facility	Community Hall	
Building I.D.	29 Second Street, Hudson	
Floor	main	
Room I.D.	4 Kitchen	

Pro	iect	Inform	nation

Project #: 17-266-15

Client: Corporation of the Municipality of Sioux Lookout

Date: Dec. 7, 2017

Assessor: LM /MB

Ceiling Height	7'10"	
----------------	-------	--

Room Dimensions

LOCA				TYPE O						Comments	QTY	FRIA	BILITY4	CON	DITIC	N ⁵	PF	D
Sample ID ¹	Surface ²	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	СТ	Other		QIT	F	NF	E (G F	P	cV	i
	F								X	wood subfloor								
1-53 a-c	F				X					12x24, oream with blue			×	,	<			
-55	(4)					X	X						y		X			
	C							K		2x4, white, textured (fibreglass)	other							
	C							X		2x4, off-white, small bumps 1.	10 tiles							
										2x4, white, textured (fibreglass) 2x4, off-white, small bumps (fibreg.	255)							
		upo'	ve ce	iline	+1	105	(ab	ove	- Kif	then + washroom areas.								
		140	insula	teat	de	act	work											
		un	ins ule	10	d t	oipi	na (don	nesic	ated water lines)								
							٦											
+	ICH-ST	a-c-ce	iling 4	1X8	sh	eets	of	cer	nen-	(3)	64.3	m2	X		X			
)					1										
								L	4191	+14.833'+12.333') x (15')								
									=	(46.1643') x (15')								
									٤	14.0715m x 4.572m								
									=	64.33 m2								

Notes:

- 1. S# = sample; VS (S#) = visually similar to sample collected elsewhere.
- 2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
- 3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
- 4. F = friable; NF = non-friable
- 5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
- 6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm

= 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats, smoke detectors observed. | N (A Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)



Building Inform	nation	Project Information	Ceiling Height 110" - 1
Facility	Community Hall	Project #: 17-266-15	
Building I.D.	29 Second Street, Hudson	Client: Corporation of the Municipality of Sioux Lookout	Room Dimensions
Floor	main	Date: Dec. 7.20/2	
Room I.D.	(5) Hallman	Assessor: Lm im R	
	7		

	ATION			TYPE O						Comments	QTY	FRIA	'אדעונט	co	NDITIC	N ^S	PF	De
Sample ID	² Surface ²	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywali	CT	Other		<u>Q11</u>	F			GF		c v	L
	E		·	!					X	wood sf.		<u>L</u>	<u>:</u>		4			
4-54	ـــــــــــــــــــــــــــــــــــ		·	!	У				<u> </u>	12×12 light are, in housin specs			×		1			T
4-55_	<u> </u>					<u> </u>	人			12×12, light grey in brown specs 2×4 white, textured (fibreglass)	***************************************		×		Κ.			
	_ c									2x4 white, tretured (fibrealoss)			}				· dp	
																		1
	1			i										-				
			:	:					1				1					1
	,		:	i			,								******	1		
													-					•
													,			7		
				:	1		,					<u> </u>				7		-
			the same of the same of	1								1	Ī	T	· · ·			7
			:			بيعساني _ روزان		!	-							*		
	atydgin , r. p				 -i		:		· · · · · · · · · · · · · · · · · · ·			-						7
			gar and garage and gar	,	<u> </u>										•			- ;
			· · · · · · · · · · · · · · · · · · ·		·		·	,	<u> </u>			1						
			**************************************		-										 -		!	
			, _	ì					<u> </u>				1	1				_
_					-				-	-	·		† 				* *	

Notes:

- 1. 5# = sample; VS (S#) = visually similar to sample collected elsewhere.
- 2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
- 3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MiC = mud joint compound; CT = ceiling tile
- 4. F = friable; NF = non-friable
- 5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
- 6. C=contact/accessible; V=vibration; A=air erosion. Use H=high; M=moderate; L=low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats, smoke detectors observed. N [A Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)



Building Inform	nation	Project Information	Ceiling Height
Facility	Community Hall	Project #: 17-266-15	
Building I.D.	29 Second Street, Hudson	Client: Corporation of the Municipality of Sioux Lookout	Room Dimensions
Floor	main	Date: Dec 7, 2017	
Room I.D.	(6) mon's LUK	Assessor: Lm/mB	

L	LOCAT	<u>ION</u>			TYPE O	F MA]	ERIAL3					Comments	2774	FRIA	BILITY	ÇOI	NOITION	5	PFD ⁶
	Sample (D ¹	Surface ²	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	ַנד	Other	ļ		QTY	F			G F		
		<u>-</u>				: 	: 			У	wood	5-4.						\top	
ici-	-54a	ヒ		i		X				:		elight gray is brown spece			×		·×	7	· · · · · · · · · · · · · · · · · · ·
	-55a,6					,	4	χ		i		•	1		X		X		
		C		,			į		V.		2×4	fibreglass						7	
ſ	!										~_ ~ 		1		,	· · · ·	1		
ĺ				!		; ;													
					¢e: = • :	_				:						į		7	
										i 1						i		1	
				· · · · · · · · · · · · · · · · · · ·		†'· · · · ·													
, in the second			• • • • • • • • • • • • • • • • • • • •	austriani ir ir ir strantymis aspira. E		-													
I				:		.	: :						······································	 					
	· · · · · · · · · · · · · · · · · · ·					 -			·	† 				1					
Ī		*- •• * *-			<u></u>	:		····	†				 -		-	<u> </u>	1	-	
					 - · ·	<u>.</u>			 			The state of the programming and the space of the state o			Ţ	$\neg \uparrow$			
-							 -i		1	 		and the second s	·	-					
				;	· · · · · · · · · · · · · · · · · · ·	-		.	†	*				1	ŤI	j·		+	
-	•				.				 	,		r general and the second of th	 		<u> </u>				
1				1	~~				 	+	 	e magnete de l'est de la company de la compa		†				1	
				<u> </u>	.				+	+ -			·	1-		· · · · · · · · · · · · · · · · · · ·		-	++

Notes:

- 1.5# = sample; V5 (5#) = visually similar to sample collected elsewhere.
- 2. C=ceiling; W=Wall; F=Floor; P=Piping; V=vessel; O=Other
- 3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MIC = mud joint compound; CT = ceiling tile
- 4. F = friable; NF = non-friable
- 5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
- 6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats, smoke detectors observed.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)



Building Infor	mation	Project Information	Ceiling Height 3
Facility	Community Hall	Project #: 17-266-15	
Building I.D.	29 Second Street, Hudson	Client: Corporation of the Municipality of Sioux Lookout	Room Dimensions
Floor	main	Date: Dec. 7.2017	
Room I.D.	(7) Women's WR	Assessor: LM/MB	

	LOCATI	ON			TYPE O	F MAT	ERIAL3					Comments		FRIA	ыцтү⁴	COI	NDITION ⁵	PFE	5 ⁶
Sampl	le ID¹	Surface ²	TSI (Pipe)	TSI (Other)	V5F	VFT.	MJC	Drywali	្ព	Oth	er .		QTY	F			G F P	CV	A
		F			<u> </u>					<u>.</u> ¥.		wood sife							
٠ ــــــــــــــــــــــــــــــــــــ	ر مارسانية			enterentente i per u		X.						12×12, light area is brown soccs	БU		×		X		:
, CH-5) - 1 5 1 ° -	Ę.		:		×				· 		12x12, light grey is brown specs	VISUA	الأدية	~		×]
.		F				V						IVXIZ, brown with gray specs -	Sim	اهر	~~~		~		:
c #-S	50	w		,			<u>×</u>	У							~		*		
	·	_C_			<u> </u>		·		X			2×4, fibreglass					1		
	:	- Marie	enne () annun e unbug	· -	<u> </u>							J.							
				•	· 			-											<u> </u>
		· · · · · · · · · · · · · · · · · · ·								Ĺ					· !				· · · · · · · · · · · · · · · · · · ·
										· •					•				<u>.</u>
1					1					· :									1
	:				<u>. </u>					! !					}				
			/ - ** ****	·	·	·												<u> </u>	- -
																			<u>.</u>
		···											ļ <u>. </u>	<u> </u>		·			1
					<u> </u>								ļ	ļ					ļ
				t				·	·				<u> </u>	<u> </u>				<u> </u>	<u> </u>
L							dian der de		ļ					<u> </u>					
l _								-	ί <u>(</u>	:									<u> </u>

Notes:

- 1. S# = sample; VS (S#) = visually similar to sample collected elsewhere,
- 2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
- 3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
- 4. F = friable; NF = non-friable
- 5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
- 6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for troweiled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples



Building Information

Facility	Community Hall
Building I.D.	29 Second Street, Hudson
Floor	main
Room I.D.	(8) Raised Storage

Project	Information
---------	-------------

Project #: 17-266-15

Client: Corporation of the Municipality of Sioux Lookout

Date: Dec. 7,2017 Assessor: Lm/mB Ceiling Height 7 (

Room Dimensions

10' ×10'

(3.04gm x 3.048m)

LOCAT	ION			TYPE O	F MAT	ERIAL3				Comments	QTY	FRIA	BILITY ⁴	CC	NDIT	ION ⁵		PFD'	5
Sample ID ¹	Surface ²	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	СТ	Other		QIY	F	NF				C	v	A
	F								×	wood							T		
	F								X	50000+ (5'x10')									
Sle a-c	F				x					9'x9" blue + white (5'x10') wood panels	4.65n	2	X		X	X	H	m	L
	W								*	wood panels									
	W								X	wood fibre board									
	C								X	wood fibre board									
																	1		
																	_		
																	_		
																	-		
				-															
																	_		
																	-		

Notes:

- 1. S# = sample; VS (S#) = visually similar to sample collected elsewhere.
- 2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
- 3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
- 4. F = friable; NF = non-friable
- 5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
- 6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats, smoke detectors observed.

N | M | Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

Assessor: Lm/mg



Building Infor	mation	
Facility	Community Hall	
Building I.D.	29 Second Street, Hudson	
Floor	main	

9 knised small storage

Project Information

Project #: 17-266-15

Client: Corporation of the Municipality of Sioux Lookout

Date: Dec. 7,2017

Room Dimensions 5'x5'5" (1.524m x 1.941m)

Ceiling Height

	LOCAT	TION			TYPE O	F MA	ERIAL3				Comments	07/	FRIA	BILITY ⁴	CC	NDIT	ION ⁵	T	PFD ⁶		
	Sample ID1	Surface ²	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	СТ	Other		QTY	F					С			
		F								X	wood										
VS	HCH-56	F				4					9x9 blue + white	2.96	n²	X			x	11	m	1	P
		W								X	wood fibre board										A
		C								X	wood fibre board						-	-			
		0								X.	bare ducting						-	+			
						-	-		-		<i>y</i>				-		-	+			
																	-	+	H	-	
																		+			
																		1			
				-									-					+			
																		1			
						-	-										+	+			

Notes:

Room I.D.

- 1. S# = sample; VS (S#) = visually similar to sample collected elsewhere.
- 2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
- 3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
- 4. F = friable; NF = non-friable
- 5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
- 6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats, smoke detectors observed.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)



Building Informa	tion	Project Information	Ceiling Height
Facility	Community Hall	Project #: 17-266-15	
Building I.D.	29 Second Street, Hudson	Client: Corporation of the Municipality of Sioux Lookout	Room Dimensions
Floor	second	Date: Dec. 7,2017	
Room I.D.	(10) Mozzazilao	Assessor: 1m/mB	ľ
·			

LOCAT	<u>ION</u>		-	TYPE Q	FMAT	ERIAL ³				Comments		FRIA	BILITY	COL	VDITIO	N ⁵	P	FD ⁶
Sample ID ²	Surface ²	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	СТ			<u>YTD</u>	F	NF		G F		c	
	L F				<u> </u>	1			¥	wood slank								i.
	ω				·				<u> </u>	wood fibre board wood fibre board					. 			
								1	X	wood fibre board							1	
				·		<u> </u>							-				_	i
	_													}				
														· ·		•		
																- 1		
	_				1										7-	•		1
				·		i					!						4	1
									1							, I		
								1										
	·			T	•		[The second secon						7		
, .														****				· · · · ·
	 !				1	ja	÷	:	:			–				-	••••	
· · · · · ••	-				İ				:	And the second And And And And And And And And And A	The state of the s		!			1		:
	i		})		-			· · · · · · · · · · · · · · · · · · ·			1				· -
					+			•				T						
)	<u></u>							7		
				:			å	(;				:		****			

Note

- 1. S# = sample; V\$ (5#) = visually similar to sample collected elsewhere.
- 2. C = ceiling: W = Wall; F = Floor; P = Piping; V = vessel; O = Other
- 3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MIC = mud joint compound; CT = ceiling tile
- 4. F = friable; NF = non-friable
- 5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
- 6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

-Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats, smoke detectors observed. \(\mathcal{N}\) \[\beta\] Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)



Building Inform	<u>mation</u>	Project Information	Ceiling Height
Facility	Community Hall	Project #: 17-266-15	
Building I.D.	29 Second Street, Hudson	Client: Corporation of the Municipality of Sioux Lookout	Room Dimensions
Floor	second	Date: Dec. 7,2017	·
Room i.D.	(it) mezz. Storage	Assessor: LM/MB	

LOCA	TION			TYPE (JF MAT	ERIAL	l			Comments	074	FRIA	BILITY*	CON	DITION ⁵	T	PFD ⁶
Sample ID ¹	Surface ²	TSI (Pipe)	TSI (Other)	VSF	VFT	MIC	Drywall	Сī	Other		QTY	F			G F P	C	
	<u>*</u>					i	·	: د ب		wood plank wood plank wood plank							
	<u> </u>						:		X	wood plank]	1 1
	$\overline{\mathbf{w}}$		<u> </u>	ļ		: ,		<u>; </u>		wood plant				i			
			· · · · · · · · · · · · · · · · · · ·	<u>;</u>		į	·										
							4										-
			•	<u> </u>	-	 +	<u> </u>	ļ .									
	<u>;</u>			: ••••••				<u> </u>									1
			·		!	, .							3				
			; ;	: : :	! 	 						<u> </u>				,	-
			<u> </u>	: 4-, - -		<u>.</u>	; !					<u> </u>	<u>.</u>			\perp	· ·
	 		ļ 				<u>}</u>						1		7		
					·		<u>.</u>					<u> </u>	1	! 	. :	_	14
				į.	il Magnini manani		·	· .					<u> </u>				
			<u> </u>	1	÷	· -		-				<u> </u>	1				<u> </u>
	.,			1	: :‡			<u> </u>				ļ				_	<u> </u>
	· ·		ļ	<u> </u>	<u> </u>	!									-		Proposition
Note the contract territory of the contract	···		<u> </u>	ļ	<u>.</u>	1						<u> </u>		<u> </u>		1	ļ . p
ļ	····	ļ <u> </u>	 	!	:		ļ					 -		 -		ļ.,	
		}			. :	1	<u> </u>	Ĺ.				L	i ;				<u> </u>

Note

- 1. S# = sample: VS (S#) = visually similar to sample collected elsewhere.
- 2. C=ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
- 3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MIC = mud joint compound; CT = ceiling tile
- 4. F = friable; NF = non-friable
- S. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
- 6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm

= 5 samples; >= 450 sm = 7 samples



Building Inform	nation	Project Information	Ceiling Height
Facility	Community Hall	Project #: 17-266-15	
Building I.D.	29 Second Street, Hudson	Client: Corporation of the Municipality of Sioux Lookout	Room Dimensions
Floor	Exterior	Date: Dec. ≠, ≥0/≠	
Room I.D.	Exterior	Assessor: Lm /m A	

LOCAT	ION			TYPE O	F MAT	ERIAL	3 -			Comments		FRIABILITY		CONDITIONS		PFD ⁶	
Sample ID ²	Surface ²	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywail	CT	Other		QTY	F			_		c v
	F			:	L			}		slab ongrade	<u> </u>		1		•		
	W/1	00f							×	corrugated motel dome							
	root	over	r leite	hei	71	-> 3	ila pe	ام				1		**************************************	_		
			4 WK		1		.,		ļ								
-580-	fror	+160	ct u	DOLL!	15				1	asphalt Ishingle covering	50 20	m	Ž			: ;	<u> </u>
		A. B				; ;	1				4	¥ x				;	-
				·	,	}			:	(3.75)	. 2 2	(A)	45	9)	<u>√</u>	4153	, ,
···		Marrie Name of the Control of the Co	سىد بىد	}			,*. -	1			ب المداعو	15.5	25		. i []	interior	
						!		:	:							÷	
					 	 					-		1				
			÷·•				 		 			\vdash				 	
				: -				}	· <u>·</u>				*			1	ļ
			• · · · · · · · · · · · · · · · · · · ·	! —			1		 	The second secon	.,			<u> </u>		i	l
				7				<u> </u>	 			-	†				
			tigh and a service of the contract of	•	 !	 		 				-	 -			L	
		-	· · · · · · · · · · · · · · · · · · ·	-					 	A CONTRACTOR OF THE CONTRACTOR		\dagger	 			å <u>.</u>	1
	<u> </u>			40 10 000 / 1000			i	<u> </u>	<u> </u>		 	1	 	h. v		<u> </u>	
				•	•	!	1		:		 -	1	 				1
	· · · · · · · · · · · · ·				-		!	}					}	-		<u>.</u>	-

Notes:

- 1. S# = sample; V5 (S#) = visually similar to sample collected elsewhere.
- 2. C = ceiling; W = Walf; F = Floor; P = Piping; V = vessel; D = Other
- 3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
- 4. F = friable; NF non-friable
- 5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
- 6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats, smoke detectors observed.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

NIA



Laboratory Certificate of Analysis



Table 1: Fibre Analysis for samples submitted by TGE on behalf of the Municipality of Sioux Lookout

TGE Reference #: 17-266-15 Client Reference: Hudson Community Hall

Sample #	Sample description	Asbestos Detected	Type of Asbestos	Non- Asbestos Fibres	Percent* (volume)
1	Bulk sample identified as "HCH – S1a, vinyl floor tile (VFT), 12"x12", grey with white streaks. [17-09458].				
	Grey flooring with attached black mastic.				
Layer 1	Flooring portion.	NO	-	Non-fibrous	
Layer 2	Mastic portion.	NO	1. 	Non-fibrous	
2	Bulk sample identified as "HCH – S1b, VFT, 12"x12", grey with white streaks. [17-09459].				
	Grey flooring with attached black mastic.				
Layer 1	Flooring portion.	NO	-	Non-fibrous	
Layer 2	Mastic portion.	NO		Non-fibrous	
3	Bulk sample identified as "HCH – S1c, VFT, 12"x12", grey with white streaks. [17-09460].				
	Grey flooring with attached black mastic.				
Layer 1	Flooring portion.	NO		Non-fibrous	
Layer 2	Mastic portion.	NO		Non-fibrous	

METHOD: Dispersion Staining with Polarized Light Microscopy (PLM), U.S. Environmental Protection Agency Test Method EPA/600/R-93/116 Method for Determination of Asbestos in Bulk Building Materials, June 1993 as per Ontario Regulation 278/05, November 1, 2005.

Bulk Asbestos Proficiency Analytical Testing (BAPAT) Participating Laboratory: True Grit Engineering (TGE) participates in the American Industrial Hygiene Association (AIHA) BAPAT program, laboratory ID 211465.

NOTES:

MMMF (Man-Made Mineral Fibres) may include fibreglass, mineral wool, slag wool, rock wool and ceramic fibres. Synthetic fibres may include; nylon, dacron, orlon, polyester.

Detection Limit of this method is approximately 0.5% (percent volume). The symbol for less than is " <" and the symbol for greater than is ">" [#####] = TGE sample tracking number

DATE: December 12, 2017

Heather Wilson, B.Sc

Industrial Hygiene Scientist

REVIEWED:

Jacquie Elvish, B.Sc., CRSP Senior Health and Safety Specialist

^{*} Results reported as percent (by volume) of total particulates observed. Results reported for a sample may not total 100%.

^{*} Ontario Regulation 278/05 defines any material containing 0.5% or more asbestos as an asbestos-containing material.



Table 1: Fibre Analysis for samples submitted by TGE on behalf of the Municipality of Sioux Lookout

TGE Reference #: 17-266-15 Client Reference: Hudson Community Hall

Sample #	Sample description	Asbestos Detected	Type of Asbestos	Non- Asbestos Fibres	Percent* (volume)			
4	Bulk sample identified as "HCH – S2a, VFT, 9"x9", pink/grey with streaks. [17-09461].							
	Grey flooring with attached black mastic.							
Layer 1	Flooring portion.	NO		Non-fibrous				
Layer 2	Mastic portion.	NO		Non-fibrous				
5	Bulk sample identified as "HCH – S2b, VFT, 9"x9", pink/grey with streaks. [17-09462].							
	Pink flooring with attached black mastic.							
Layer 1	Flooring portion.	YES	Chrysotile		1-10%			
Layer 2	Mastic portion.	NO		Non-fibrous				
6	Bulk sample identified as "HCH – S2c, VFT, 9"x9", pink/grey with streaks. [17-09463].	Note: Sampl	Note: Sample not analyzed based on positive results fo					
	Grey flooring with attached black mastic.	56p.5.151						

METHOD: Dispersion Staining with Polarized Light Microscopy (PLM), U.S. Environmental Protection Agency Test Method EPA/600/R-93/116 Method for Determination of Asbestos in Bulk Building Materials, June 1993 as per Ontario Regulation 278/05, November 1, 2005. Bulk Asbestos Proficiency Analytical Testing (BAPAT) Participating Laboratory: True Grit Engineering (TGE) participates in the American Industrial Hygiene Association (AIHA) BAPAT program, laboratory ID 211465. NOTES:

MMMF (Man-Made Mineral Fibres) may include fibreglass, mineral wool, slag wool, rock wool and ceramic fibres. Synthetic fibres may include; nylon, dacron, orlon, polyester.

Detection Limit of this method is approximately 0.5% (percent volume). The symbol for less than is " <" and the symbol for greater than is ">" [#####] = TGE sample tracking number

DATE: December 12, 2017

Heather Wilson, B.Sc

Industrial Hygiene Scientist

REVIEWED:

Jacquie Elvish, B.Sc., CRSP

Senior Health and Safety Specialist

^{*} Results reported as percent (by volume) of total particulates observed. Results reported for a sample may not total 100%.

^{*} Ontario Regulation 278/05 defines any material containing 0.5% or more asbestos as an asbestos-containing material.



Table 1: Fibre Analysis for samples submitted by TGE on behalf of the Municipality of Sioux Lookout

TGE Reference #: 17-266-15 Client Reference: Hudson Community Hall

Sample #	Sample description	Asbestos Detected	Type of Asbestos	Non- Asbestos Fibres	Percent* (volume)
7	Bulk sample identified as "HCH – S3a, VFT, 12"x24", beige tile pattern. [17-09464].				
	Beige flooring with grey backing.				
Layer 1	Flooring portion.	NO		Non-fibrous	
Layer 2	Backing portion.	NO		Non-fibrous	
8	Bulk sample identified as "HCH – S3b, VFT, 12"x24", beige tile pattern. [17-09465].				
	Beige flooring with grey backing.				
Layer 1	Flooring portion.	NO		Non-fibrous	
Layer 2	Backing portion.	NO		Non-fibrous	
9	Bulk sample identified as "HCH – S3c, VFT, 12"x24", beige tile pattern. [17-09466].				
	Beige flooring with grey backing.				
Layer 1	Flooring portion.	NO		Non-fibrous	
Layer 2	Backing portion.	NO		Non-fibrous	

METHOD: Dispersion Staining with Polarized Light Microscopy (PLM), U.S. Environmental Protection Agency Test Method EPA/600/R-93/116 Method for Determination of Asbestos in Bulk Building Materials, June 1993 as per Ontario Regulation 278/05, November 1, 2005.

Bulk Asbestos Proficiency Analytical Testing (BAPAT) Participating Laboratory: True Grit Engineering (TGE) participates in the American Industrial Hygiene Association (AIHA) BAPAT program, laboratory ID 211465.

NOTES:

MMMF (Man-Made Mineral Fibres) may include fibreglass, mineral wool, slag wool, rock wool and ceramic fibres. Synthetic fibres may include; nylon, dacron, orlon, polyester.

Detection Limit of this method is approximately 0.5% (percent volume). The symbol for less than is " <" and the symbol for greater than is ">" [#####] = TGE sample tracking number

DATE: December 12, 2017

Heather Wilson, B.Sc Industrial Hygiene Scientist REVIEWED:

Jácquie Elvish, B.Sc., CRSP Senior Health and Safety Specialist

^{*} Results reported as percent (by volume) of total particulates observed. Results reported for a sample may not total 100%.

^{*} Ontario Regulation 278/05 defines any material containing 0.5% or more asbestos as an asbestos-containing material.



Table 1: Fibre Analysis for samples submitted by TGE on behalf of the Municipality of Sioux Lookout

TGE Reference #: 17-266-15 Client Reference: Hudson Community Hall

Sample #	Sample description	Asbestos Detected	Type of Asbestos	Non- Asbestos Fibres	Percent* (volume)
10	Bulk sample identified as "HCH – S4a, VFT, 12"x12", grey/brown with white streaks. [17-09467].				
	Beige flooring with attached beige mastic backing.				
Layer 1	Flooring portion.	NO		Non-fibrous	
Layer 2	Mastic portion.	NO		Non-fibrous	
11	Bulk sample identified as "HCH – S4b, VFT, 12"x12", grey/brown with white streaks. [17-09468].				
	Beige flooring with attached beige mastic backing.				
Layer 1	Flooring portion.	NO		Non-fibrous	
Layer 2	Mastic portion.	NO		Non-fibrous	

METHOD: Dispersion Staining with Polarized Light Microscopy (PLM), U.S. Environmental Protection Agency Test Method EPA/600/R-93/116 Method for Determination of Asbestos in Bulk Building Materials, June 1993 as per Ontario Regulation 278/05, November 1, 2005. Bulk Asbestos Proficiency Analytical Testing (BAPAT) Participating Laboratory: True Grit Engineering (TGE) participates in the American Industrial Hygiene Association (AIHA) BAPAT program, laboratory ID 211465. NOTES:

MMMF (Man-Made Mineral Fibres) may include fibreglass, mineral wool, slag wool, rock wool and ceramic fibres. Synthetic fibres may include; nylon, dacron, orlon, polyester.

Detection Limit of this method is approximately 0.5% (percent volume). The symbol for less than is " <" and the symbol for greater than is ">" [#####] = TGE sample tracking number

DATE: December 12, 2017

Heather Wilson, B.Sc Industrial Hygiene Scientist REVIEWED: /

Jácquie Elvish, B.Sc., CRSP Senior Health and Safety Specialist

^{*} Results reported as percent (by volume) of total particulates observed. Results reported for a sample may not total 100%.

^{*} Ontario Regulation 278/05 defines any material containing 0.5% or more asbestos as an asbestos-containing material.



Table 1: Fibre Analysis for samples submitted by TGE on behalf of the Municipality of Sioux Lookout

TGE Reference #: 17-266-15 Client Reference: Hudson Community Hall

tie-					
Sample #	Sample description	Asbestos Detected	Type of Asbestos	Non- Asbestos Fibres	Percent* (volume)
12	Bulk sample identified as "HCH – S4c, VFT, 12"x12", grey/brown with white streaks. [17-09469].				
	Beige flooring with attached beige mastic backing.				
Layer 1	Flooring portion.	NO	-	Non-fibrous	
Layer 2	Mastic portion.	NO		Non-fibrous	
13	Bulk sample identified as "HCH – S5a, mud joint compound (MJC)". [17-09470].	NO		Non-fibrous	
	Firm, white chalky material.				
14	Bulk sample identified as "HCH – S5b, mud joint compound (MJC)". [17-09471].	NO		Non-fibrous	
Washington and the same of the same of the same of the same of the same of the same of the same of the same of	Firm, white chalky material.				
15	Bulk sample identified as "HCH – S5c, mud joint compound (MJC)". [17-09472].	NO		Non-fibrous	
	Firm, white chalky material.				

METHOD: Dispersion Staining with Polarized Light Microscopy (PLM), U.S. Environmental Protection Agency Test Method EPA/600/R-93/116 Method for Determination of Asbestos in Bulk Building Materials, June 1993 as per Ontario Regulation 278/05, November 1, 2005.

Bulk Asbestos Proficiency Analytical Testing (BAPAT) Participating Laboratory: True Grit Engineering (TGE) participates in the American Industrial Hygiene Association (AIHA) BAPAT program, laboratory ID 211465.

NOTES:

Detection Limit of this method is approximately 0.5% (percent volume). The symbol for less than is " <" and the symbol for greater than is ">" [#####] = TGE sample tracking number

DATE: December 12, 2017

Heather Wilson, B.Sc Industrial Hygiene Scientist REVIEWED:

Jácquie Elvish, B.Sc., CRSP Senior Health and Safety Specialist

^{*} Results reported as percent (by volume) of total particulates observed. Results reported for a sample may not total 100%.

^{*} Ontario Regulation 278/05 defines any material containing 0.5% or more asbestos as an asbestos-containing material.

MMMF (Man-Made Mineral Fibres) may include fibreglass, mineral wool, slag wool, rock wool and ceramic fibres. Synthetic fibres may include; nylon, dacron, orlon, polyester.



Table 1: Fibre Analysis for samples submitted by TGE on behalf of the Municipality of Sioux Lookout

TGE Reference #: 17-266-15 Client Reference: Hudson Community Hall

		the state of the s		and the state of t	
Sample #	Sample description	Asbestos Detected	Type of Asbestos	Non- Asbestos Fibres	Percent [*] (volume)
16	Bulk sample identified as "HCH – S6a, VFT, 9"x9", green/grey with streaks. [17-09473].				
	Green flooring with attached black mastic.				
Layer 1	Flooring portion.	NO		Non-fibrous	
Layer 2	Mastic portion.	NO		Non-fibrous	
17	Bulk sample identified as "HCH – S6b, VFT, 9"x9", green/grey with streaks. [17-09474].				
	Grey flooring with attached black mastic.				
Layer 1	Flooring portion.	YES	Chrysotile		>75%
Layer 2	Mastic portion.	NO		Non-fibrous	
18	Bulk sample identified as "HCH – S6c, VFT, 9"x9", green/grey with streaks. [17-09475]. Grey flooring with attached black mastic.	Note: Sample Sample #16.	not analyzed	based on positiv	e results for
19	Bulk sample identified as "HCH – S7a, ceiling cement boards". [17-09476].	YES	Amosite	=	25-50%
	Grey fibrous materials.				

METHOD: Dispersion Staining with Polarized Light Microscopy (PLM), U.S. Environmental Protection Agency Test Method EPA/600/R-93/116 Method for Determination of Asbestos in Bulk Building Materials, June 1993 as per Ontario Regulation 278/05, November 1, 2005.

Bulk Asbestos Proficiency Analytical Testing (BAPAT) Participating Laboratory: True Grit Engineering (TGE) participates in the American Industrial Hygiene Association (AIHA) BAPAT program, laboratory ID 211465.

NOTES:

MMMF (Man-Made Mineral Fibres) may include fibreglass, mineral wool, slag wool, rock wool and ceramic fibres. Synthetic fibres may include; nylon, dacron, orlon, polyester.

Detection Limit of this method is approximately 0.5% (percent volume). The symbol for less than is " <" and the symbol for greater than is ">" [#####] = TGE sample tracking number

DATE: December 12, 2017

Heather Wilson, B.Sc

Industrial Hygiene Scientist

REVIEWED:

Jacquie Elvish, B.Sc., CRSP Senior Health and Safety Specialist

^{*} Results reported as percent (by volume) of total particulates observed. Results reported for a sample may not total 100%.

^{*} Ontario Regulation 278/05 defines any material containing 0.5% or more asbestos as an asbestos-containing material.



Table 1: Fibre Analysis for samples submitted by TGE on behalf of the Municipality of Sioux Lookout

TGE Reference #: 17-266-15 Client Reference: Hudson Community Hall

Sample #	Sample description	Asbestos Detected	Type of Asbestos	Non- Asbestos Fibres	Percent* (volume)
20	Bulk sample identified as "HCH – S7b, ceiling cement boards". [17-09477]. Grey fibrous materials.	Note: Samp sample #19	7.0	based on posit	ive results for
21	Bulk sample identified as "HCH – S7c, ceiling cement boards". [17-09478]. Grey fibrous materials.	Note: Samp sample #19		l based on posit	ive results for
22	Bulk sample identified as "HCH – S8a, asphalt/shingle covering". [17-09479]. Black fibrous asphalt material.	NO		Cellulose	10-25%
23	Bulk sample identified as "HCH – S8b, asphalt/shingle covering". [17-09480]. Black fibrous asphalt material.	NO	-	Cellulose	10-25%
24	Bulk sample identified as "HCH – S8c, asphalt/shingle covering". [17-09481]. Black fibrous asphalt material.	NO	-	Cellulose	10-25%

METHOD: Dispersion Staining with Polarized Light Microscopy (PLM), U.S. Environmental Protection Agency Test Method EPA/600/R-93/116 Method for Determination of Asbestos in Bulk Building Materials, June 1993 as per Ontario Regulation 278/05, November 1, 2005.

Bulk Asbestos Proficiency Analytical Testing (BAPAT) Participating Laboratory: True Grit Engineering (TGE) participates in the American Industrial Hygiene Association (AIHA) BAPAT program, laboratory ID 211465.

NOTES:

MMMF (Man-Made Mineral Fibres) may include fibreglass, mineral wool, slag wool, rock wool and ceramic fibres. Synthetic fibres may include; nylon, dacron, orlon, polyester.

Detection Limit of this method is approximately 0.5% (percent volume). The symbol for less than is " <" and the symbol for greater than is ">" [#####] = TGE sample tracking number

DATE: December 12, 2017

Heather Wilson, B.Sc Industrial Hygiene Scientist REVIEWED:

Jacquie Elvish, B.Sc., CRSP Senior Health and Safety Specialist

^{*} Results reported as percent (by volume) of total particulates observed. Results reported for a sample may not total 100%.

^{*} Ontario Regulation 278/05 defines any material containing 0.5% or more asbestos as an asbestos-containing material.

Five Grit Engineering 1263 Innovation Orive, Thunder Bay, ON P7B 0A2 T 807.626.5640 F 807.623.5690 www.truegriteng.com

Request for Laboratory Services - Chain of Custody



REPORT TO:	Company Name:	Municipality of	of Sioux Lookout/TGE		INVOICE TO:	Compan	y Name								
	Contact:					Contact:									
	Address:				☑ Same	Address:									
					☐ Other										
	Phone #:		Cell#			Phone #:		Fax #:							
	Fax #:				Turn Around Time	V		REGULAR (3-5 DAYS, DEFAULT)							
	Email:						RUSH (24	- 48 HRS, 50	% SURCHAR	GE) BUSINESS	HOURS				
	Send results by:	□Fax	☐Mail ☐Phone	□ Emait	(available for Asbestos and Mould analysis only)		EMERGEN	CY (<24 HRS	OR WEEKEN	D, 100% SURC	HARGE)				
										s Requested					
TGE Tracking #	Date Collected or	Sample Type		Description (As it will appear on th	he report)			T .	Other		g Data (air sampl	es only)			
	Received	(Air, Bulk, Dust)					Asbestos	Mould	(e.g. lead)	Flow Rate (lpm)	Time (minutes)	Volume (litres)			
17-09458	07-Dec-17	bulk	HCH - S1a, VFT, 12x12, grey wi	th white streaks	- Sibras		х								
17-09459	07-Dec-17	bulk	HCH - S1b, VFT, 12x12, grey wi	ith white streaks	1		х								
17-09460	07-Dec-17	bulk	HCH - S1c, VFT, 12x12, grey wi	th white streaks	₩		х								
17-09461	07-Dec-17	bulk	HCH - S2a, VFT, 9x9, pink/grey	with white streaks	x										
17-09462	07-Dec-17	bulk	HCH - S2b, VFT, 9x9, pink/grey				5. X								
17-09463	07-Dec-17	bulk	HCH - S2c, VFT, 9x9, pink/grey	with white streaks	FT= 1-109	uA	х								
17-09464	07-Dec-17	bjulk	HCH - S3a, VFT, 12x24, beige ti			1	х								
17-09465	07-Dec-17	bulk	HCH - S3b, VFT, 12x24, beige t				х								
17-09466	07-Dec-17	bulk	HCH - S3c, VFT, 12x24, beige ti	ile pattern			x								
17-09467	07-Dec-17	bulk	HCH - S4a, VFT, 12x12, grey/br	rown with white streaks	non		x								
	discarded after client sample r	reference (eg. l	PO #, address, etc.).	Hudson Co			Hall,	pg.l							
Relinquished by:			,	Date:	,,	Time:		Signature:	-	-					
L. Miller				09-Dec	c- 1 7		10:00am	2	ando	an	_				
Accepted by: (Ple	ease Print)			Date:				Signature:							
TGE Project #:	266-1	5		Date Analyzed:	2017	Time:	100	Analyst:	4						

Page 1 of 5

True Grit Engineering
1263 Innovation Drive, Thunder Bay, ON P78 0A2
T 807.626.5640 F 807.623.5690
www.truegriteng.com

Request for Laboratory Services - Chain of Custody



REPORT TO:	TO: Company Name: Municipality of Sioux Lookout/ TGE INVOICE TO: Company Name														
	Contact:					Contact:									
	Address:				✓ Same	Address:									
					☐ Other										
	Phone #:		Cell#			Phone #:	#: Fax #:								
	Fax #:				Turn Around Time	Z.	REGULAR (3-5 DAYS, DEFAULT)								
	Email:				Transfer time		RUSH (24 - 48 HRS, 50% SURCHARGE) BUSINESS HOURS								
	Send results by:	□Fax	Mail Phone	□Email	(available for Asbestos and Mould analysis only)		EMERGENO	CY (<24 HRS	OR WEEKEN	D, 100% SURG	HARGE)				
	Sena results by.				Modic analysis chiy)			•		•					
	Date Collected or	Sample Type							Analysi	Requested					
TGE Tracking #	Received	(Air, Bulk, Dust)		Description (As it will appear on t	he report)		Asbestos	Mould	Other (e.g. lead)	Samplin Flow Rate (Ipm)	g Data (air sampl				
17.00150			USU SAL UST AS AS						100,000	Flow state (ipm)	time (minutes)	volume (litres)			
17-09468	07-Dec-17	bulk	HCH - S4b, VFT, 12x12, grey/bi	own with white streaks	nan		Х								
17-09469	07-Dec-17	bulk	HCH - S4c, VFT, 12x12, grey/br	own with white streaks	11		×								
17-09470	07-Dec-17	bulk	HCH - S5a, MJC				х								
17-09471	07-Dec-17	bulk	HCH - S5b, MJC		×										
17-09472	07-Dec-17	bulk	HCH - S5c, MJC				×								
17-09473	07-Dec-17	bulk	HCH - S6a, VFT, 9x9, green/gre	y with streaks	on		х								
17-09474	07-Dec-17	bulk	HCH - S6b, VFT, 9x9, green/gre	ey with streaks	ie Chry	1-1070	х								
17-09475	07-Dec-17	bulk	HCH - S6c, VFT, 9x9, green/gre		11		х								
17-09476	07-Dec-17	bulk	HCH - S7a, ceiling cement boa	rds 25-50	90 A MOS.	le	х								
17-09477	07-Dec-17	bulk	HCH - S7b, ceiling cement boa				×								
	liscarded after client sample re	eference (eg. F	PO #, address, etc.). only: AN - Allergenco Air; BS - i	dson con			1, pg.	2							
Relinguished by:		iodia samples	only. Alt - Allergenco All, b3 - t	Date:	inple, O1 - Other Type	Time:		Signature:							
L. Miller				09-De	c-17		0am	8	20,00	Pa	1				
Accepted by: (Ple	ease Print)			Date:				Signature:	age	h					
TGE Project #:				Date Analyzed:		Time:		Annhests		10000					
	-266e-	15		Dec 12	2017	40	n	Analyst:	4	4					

True Grit Engineering 1263 Innovation Drive, Thunder Bay, ON P78 0A2 T 807.626.5640 F 807.623.5690

Request for Laboratory Services - Chain of Custody



REPORT TO:	Company Name:	Municipality o	of Sioux Look	out/TGE			INVOICE TO:	Company Name	e					
	Contact:							Contact:						
	Address:						✓ Same	Address:						
							Other							
	Phone #:		Cell#					Phone #:			Fax #:			
	Fax #:						Turn Around Time	Z.		REGULAR	(3-5 DAYS, D	DEFAULT)		
	Email:								RUSH (24 - 48 HRS, 50% SURCHARGE) BUSINESS HOURS					
	Send results by:	Fax	Mail	Phone	_]Email		(available for Asbestos and Mould analysis only)		EMERGENC	Y (<24 HRS	OR WEEKEN	D, 100% SUR	CHARGE)	
						10.55					Anahori	s Bequested		
TGE Tracking #	Date Collected or Received	Sample Type (Air, Bulk, Dust)		Description (As it will appear on the report) Other			Cebes			ng Data (air sampi	les only)			
	Netziveu	(rui, buik, oust)							Asbestos	Mould	(e.g. lead)	Flow Rate (lpm)	Time (minutes)	Volume (litres)
17-09478	07-Dec-17	bulk	HCH - S7c, c	eiling cement bo	pards				×					
17-09479	07-Dec-17	bulk	нсн - 58а, а	sphalt/shingle o	covering				×					
17-09480	07-Dec-17	bulk	HCH - S8b, a	sphalt/shingle o	covering				×					
17-09481	07-Dec-17	bulk	HCH - S8c, a	sphalt/shingle c	overing				х					
									1			1		
	-											+	<u> </u>	
	-											-	-	
									-			-		
												-		
Special Instruction Samples will be o		7 days.		HU	idson co	m	munite	1 Hal	1, DG	3				
Please provide a					- Bulk Sample; TS - Tape				' ()-					
Relinguished by:		noulu samples	Offiy: AIV - AI	iergenco Air; 63	Date:	e Sal	npie; O1 - Other Type	Time:		Signature:				
L. Miller					09-	-Dec	Dec-17 10:00am		am	[[]]				
Accepted by: (Ple	ease Print)				Date:					Signature:	1			-
TCF Day'					Dete As 1	A CONTRACTOR		Times		06-4			Control of the last of the las	
TGE Project #:	211	-10			Date Analyzed:	7	7017	Time:	n- /	Analyst:	4	(
(+	-26le	715			Dec /	1	2011	47	1	V -				

Page 3 of 3



December 19, 2017

Project No. 17-266-15

VIA EMAIL: (cbo@siouxlookout.ca)

Mr. Jody Brinkman Manager of Development Services Municipality of Sioux Lookout PO Box 158, 25 Fifth Avenue Sioux Lookout, ON P8T 1A4

Dear Mr. Brinkman:

Re:

Asbestos Audit Lost Lake Centre

21 Second Street, Hudson, Ontario

True Grit Engineering (TGE) is pleased to provide to the Municipality of Sioux Lookout the results of a baseline asbestos audit (AA) for the Lost Lake Centre located at 21 Second Street in Hudson, Ontario. The AA was requested by Mr. Jody Brinkman, Manager of Development Services for the Municipality of Sioux Lookout, and TGE understands that it was requested in order to meet the requirement under Ontario Regulation 278/05 (O. Reg. 278/05), Designated Substance – Asbestos on Construction Projects and in Buildings and Repair Operations, for an inventory of asbestos-containing materials (ACM) for the building.

Summary

ACM were not identified in the subject building and the requirements of O. Reg. 278/05 do not apply. TGE provides recommendations for additional, invasive, investigation in the event of planned renovations.

Background and Methodology

The Lost Lake Centre is a single storey structure with a below grade poured concrete basement. The construction date is not known for this building; however, it is possible that the building was constructed prior to 1995.

Asbestos was used widely in building materials prior to 1995. Typical asbestos-containing building materials include, but are not limited to, thermal system insulation (TSI), flooring, plaster, stucco, mud joint compound (MJC) associated with finished drywall and ceiling tiles (CT). Building materials containing asbestos can still be purchased for limited applications (e.g. high temperature or corrosive applications); however, asbestos is not expected to be found in most building materials purchased and installed after 1995.

A site visit to the subject building was completed by Mr. Mike Broere, TGE Air Quality Scientist and Ms. Layla Miller, TGE Engineer-in-Training, on December 7, 2017. The site contact was Mr. Richard Fenelon, Facilities Division Supervisor, Municipality of Sioux Lookout. Since this AA was a baseline audit the inspection was minimally invasive and hidden areas, such as those above or behind solid finished ceilings or walls, were viewed where accessible. Samples were not collected where sample collection would compromise the integrity of the subject building or cause unsightly damage to finished surfaces. Additionally, samples were not collected from locations that were not safely accessible (e.g. working at heights).



Mr. Jody Brinkman Municipality of Sioux Lookout Asbestos Audit Report - Lost Lake Centre Project No. 17-266-15 December 19, 2017

A visual inspection of functional spaces and rooms in the subject building was conducted to identify materials that could contain asbestos. Potential ACM observed during the site investigation were identified as either friable or non-friable. Friable material is defined in O. Reg. 278/05 as a material that when dry, can be crumbled, pulverized or powdered by hand pressure alone or one that exists in a crumbled, pulverized or powdered state. Additionally, the quantity and condition of potential ACM were noted during the site visit.

Building materials suspected of containing asbestos were collected and sampled in accordance with O. Reg. 278/05. Samples were analyzed via Polarized Light Microscopy (PLM) following the U.S. Environmental Protection Agency Test Method EPA/600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials, June 1993. Where samples consisted of more than one distinct layer (i.e. vinyl floor tile, paper-type backing, mastic, etc.), each layer was analyzed and reported separately.

Materials found to contain 0.5% or more asbestos were identified as ACM (as per O. Reg. 278/05). The attached summary table contains the results of analysis along with the condition, quantity and friability of identified ACM.

Results

A table of asbestos results, photographs and field notes, including a site plan sketch with sample locations indicated, and a laboratory Certificate of Analysis, are attached. Following is a brief summary of the results of the AA for the subject building:

- ACM were not identified in the Lost Lake Centre.
- ACM may be present in areas of the subject building that were not safely or reasonably accessible (e.g. roofing materials and the interior of wall cavities and ceiling spaces).

Conclusions and Recommendations

Based on the results of the AA for the Lost Lake Centre, TGE presents the following conclusions and associated recommendations (recommendations are shown in italic font):

- ACM were not identified in the subject building. The requirements of O. Reg. 278/05 do not apply to the subject building; however, the following recommendations are provided to ensure due diligence on the part of the building owner.
- Keep a copy of this report on site.
- Provide a copy of this report to contractors when tendering or completing renovation or demolition work
- Prior to beginning any renovations, including demolition, complete a fully invasive AA for the renovation area. In particular, be aware that the following potential ACM may be present:
 - o insulating material inside of hollow metal doors;
 - Insulating materials (e.g. vermiculite) inside attic spaces;
 - sealants or caulking materials around windows, doors or equipment penetrations through walls or the roof;



Mr. Jody Brinkman Municipality of Sioux Lookout Asbestos Audit Report - Lost Lake Centre Project No. 17-266-15 December 19, 2017

- roofing materials and exterior finishes that were not safely accessible;
- multiple layers of flooring under carpet, top layers of flooring or wooden subfloors;
- o insulating material behind or above solid walls and ceilings; and
- insulating materials inside pumps, boilers, furnaces, valves, tanks, flanged pipe fittings, motors, transformers, generators or other equipment.
- Notify contractors that if, during the course of renovations or demolition, suspected ACM is encountered, all work should cease immediately and the material should be sampled and analyzed to determine whether it contains asbestos.

Limitations

The information and data contained in this report, including without limitation, the results of any sampling and analyses conducted by TGE pursuant to its Agreement with the client, have been developed or obtained through the exercise of TGE's professional judgment and are set forth to the best of TGE's knowledge, information and belief. Although every effort has been made to confirm that this information is factual, complete and accurate, TGE makes no guarantees or warranties whatsoever, whether expressed or implied, with respect to such information or data.

The information and data presented in this report are based on the purpose and scope of the project and form the basis for any conclusions and recommendations presented herein. Any conclusions and recommendations presented herein do not preclude the existence of environmental concerns other than those that may have been identified.

Work performed by TGE personnel employed sound environmental assessment principles. TGE cannot guarantee the accuracy and reliability of information provided by others or third parties. Therefore, TGE does not claim responsibility for undisclosed environmental concerns or conditions that may result in costs for environmental clean-up and/or remediation. This report is intended for information purposes only.



Mr. Jody Brinkman Municipality of Sioux Lookout Asbestos Audit Report - Lost Lake Centre Project No. 17-266-15 December 19, 2017

Closure

We trust this is sufficient for your current requirements. If you have any questions or require further information, please do not hesitate to contact the undersigned at 807.285.9005.

Sincerely,

TRUE GRIT ENGINEERING

Jacquie Elvish, B.Sc., CRSP

Senior Health and Safety Specialist

jelvish@truegriteng.com

JE/LM/MB:ls

Enclosures:

Table of Asbestos Results

Photographs

Field Notes (including a site sketch with sample locations)

Laboratory Certificate of Analysis



Table of Asbestos Results for Lost Lake Centre



Table 1. Summary of Asbestos Information Lost Lake Centre 21 Second Street, Hudson, ON

December 7, 2017

Material Type¹ (Sample reference #)

Description and Location²

Asbestos Containing? (Method)³ Asbestos Content and Friability⁴

Condition⁴

Estimated Total Qty⁴

Reported date of construction is unknown.

Identified Asbestos-Containing Materials (ACM)

No ACM were identified in this building.

Identified Non-ACM				
VSF (LLC – S1)	Beige VSF with a marble pattern observed in Rooms 3, 4 and 5 (over wooden sub-floor)	NO (LA)		
MJC (LLC – 52)	MJC associated with finished gypsum board walls and ceilings observed throughout subject building.	NO (LA)		
O (LLC – S3)	Stippled ceiling finish observed on ceiling throughout subject building.	NO (LA)		
0	Carpet flooring observed throughout subject building (over wooden sub-floor on the main floor and over poured concrete in the basement).	NO (V)		
СТ	12"x12", wood fibre CTs observed in Rooms 1 and 16.	NO (V)		
СТ	2'x4', white wood fibre CT observed in Room 18	NO (V)		 -
0	Uninsulated or foam insulated pipes and ductwork observed throughout the subject building.	NO (V)		
0	Pink fibreglass insulation observed in the attic.	NO (V)	-	
Potential ACM				
Insulating materials	Potential for insulating materials inside hollow metal doors.	Possible		
Vermiculite	Possible insulating materials in the attic (e.g. vermiculite) may contain asbestos.	Possible		
Sealants/caulking	Caulking and/or sealants around windows, doors and roof mounted equipment.	Possible		
Roofing and exterior siding	Roofing materials were not safely accessible and these may contain asbestos.	Possible		
Multiple Layers of Flooring	There may be additional layers of flooring under existing flooring or carpets or, in some cases, under wooden subfloors.			



	Table 1. Summary of Asbest Lost Lake Cent 21 Second Street, Hu December 7, 20	re dson, ON			
Material Type¹ (Sample reference #)	Description and Location ²	Asbestos Containing? (Method) ³	Asbestos Content and Friability ⁴	Condition ⁴	Estimated Total Qty ⁴
TSI	Insulating materials may be hidden behind or above solid walls and ceilings. Insulating materials or gaskets may be hidden inside of boilers, furnaces or tanks.	Possible			

Notes:

- 1. TSI = Thermal System Insulation on pipes, fittings and boilers; MJC = Mud Joint Compound associated with finished gypsum board; VFT = Vinyl Floor Tile; CT = Ceiling Tile; VSF = Vinyl Sheet Flooring.
- 2. Corresponds to room identifier on attached drawings.
- 3. LA = Samples collected and submitted for laboratory analysis; V = Materials identified by careful visual assessment; R = Reported by site contact to have been installed after 1995.
- 4. Information only provided for asbestos-containing materials.
- 5. EA = "Each" individual occurrence of pipe elbows, fittings or other small insulation coverings.
- 6. Asbestos-containing material (i.e. 0.5% or more asbestos content) shown in bold font.
- 7. Possible asbestos-containing materials (i.e. materials not sampled in order to maintain the integrity of the building envelope) shown in italics. These materials should be sampled and analyzed for asbestos content prior to any activity that may disturb them (e.g. renovations).



Photographs



LOST LAKE CENTRE 21 SECOND STREET, HUDSON, ONTARIO

GENERAL BUILDING PHOTOS





Photo 1: Exterior of Lost Lake Centre.

Photo 2: Exterior of Lost Lake Centre.





Photo 3: Main entertaining room – Room #2 – Main floor.

Photo 4: Main living room - Room #6 - Main floor.



OTHER MATERIALS (NON-ACM AND POTENTIAL ACM)





Photo 5: Non-Asbestos Containing (Non-ACM) beige VSF with a marble pattern (LLC – S1) – Room #3 – Main floor kitchen.

Photo 6: Non-ACM MJC associated with finished gypsum board walls and ceilings (LLC – S2) – Room #3 – Main floor kitchen.





Photo 7: Non-ACM stippled ceiling finish (LLC – S3) – Room #2 – Main floor entertaining room.

Photo 8: Non-ACM carpet flooring (visual I.D.) – Room #6 – Main floor living room.



OTHER MATERIALS (NON-ACM AND POTENTIAL ACM)





Photo 9: Non-ACM 12"x12" wood fibre CTs (visual I.D.) – Room #1 – Main floor entrance.

Photo 10: Non-ACM 2'x4' wood fibre CTs (visual I.D.) – Room #18 – Basement rec room.





Photo 11: Non-ACM pink fibreglass insulation observed in the attic.

Photo 12: Non-ACM black foam insulation on piping in basement.



OTHER MATERIALS (NON-ACM AND POTENTIAL ACM)

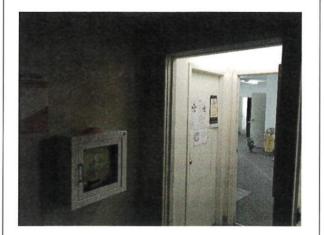




Photo 13: Potential ACM insulation materials inside hollow metal doors – Throughout subject building.

Photo 14: Potential ACM caulking and/or sealants around windows, doors and roof-mounted equipment – Exterior.



Field Notes (including a site sketch with sample locations)

Master List - Asbestos Samples



*No asbestos detected *

Facility	Lost Lake Centre	Date 7-de-17
Project #	17-266-15	

Sample ID	Description
uc-sla-c	lorgie vot a markete pettern
UC-52a-e	
LLC-57a-e LLC-53a-e	Etophol calling.
	7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
· · · · · · · · · · · · · · · · · · ·	

TRUE ENGINEEI 1283 Innovatior Thunder Bay, ON	GRIT UNG Drive,	DATE: D DESIGNI PROJECT	ec. 7.	2017	ng	PRC	ET NO JECT CKED	ио.L	1.7	21	06	15
Thunder Bay, ON VT: Municipali	PTBOA2 Hy. e.F. Sloux	PROJECT	nsu Bu	ilding.	s	:t(O)(:	737		!!!.	54 .1.		••••
Lootaut		: 1	144.000			!		<u>.</u>	1			;;
LOST	Late Centre Ma	aip E	oo'r	Plan	*							
	(3)		1.6	C-sic	(3)	4	-S16					
(3)	12		ō				LLC-S	ia				
	9	4									-	
<u> </u>		(9)	52c									
	112522											
		8)		ics	36							
	(b) 41.6-520 116-520	1 44					ا کست بر د	2				
											-	
		}-	م ان	526				-	- "			
				LUC-52	2	ic-s	3c					
(4)			7.									
					+						.	

ostrac asbestos sample cocketion

1x stace inspestos - containing sample cocotion

main Floor Sample Locations

NOT TO SCALE

								-			-		A CANADA CONTRACTOR OF THE CON											-	; ; ;							en demande in como del marco del como de ser como de s				
22	7	3	10	u,	25	6	4/1	11/2	J.	0 10)\ }	50,	52	154	10	ヴ	#50 #50	X				1	ļ 		<u>i</u>				3 ^	-	LON					
34	14	Ç,	,	クラ	46) S	W)	ارا	açı	W	issil.	V	دې د ناپ	20.5 Jack		(H)>9		İ) 				1		1			1			\ 		
		1							•	Ì				٧E		7		ľ	5	407	ro.	00	7 7) 	٢	os.	+	ÇΨ	برين 	95X	8	12	ાજ	יט'רץ! !	1	
								1					į		<u> </u>	+	-	-	+	<u> </u>	 	<u> </u>	 	ļ		-	<u> </u> [-	-	-	1					
	٠																	-																		
				•	e de Live				1				!]						:								
												<u> </u> 																								
				ن د										((H				.				(8)		1											
						 					:											-														
														1		•				-																
													1	.]								<u> </u>						1								
									-			<u> </u>				1	-	_	-	<u> </u>	-	! 		Y		-	1		91							
					-				ļ.		ļi			(F	\mathcal{L}	1			(D.						,		-						.,		
					,				-	ı		-	m		T	11					1								ľ		ļ					
	· -	-					-													<u> </u>			人	_	<u> </u>	<u> </u>		İ							:	
			-																			-		ا ا												
												ľ										1		(<u>.</u>						-			-	
	**												· · ·									•							_						 	
									ļ																											
									1																									٠.	• .	1
!											, 	17	1)5		loc	1		-u	วุ่น	125	O _E	-	44	Va	þ	107	0) }	50	'n			-			
					 						! .		<u>.</u>						-																	
	i								-				-			1						!														
		1	•,,,				,,,,,,							1						į		1	,,,,,,,	<u> </u>	<u> </u>		1,54 5.1		<u></u>	1	 		· · · · · ·			
		72		٠ برار	en. Yyc))))(ZZ	:Ха Е.{	ori	 7 K IK B	 ЭН	 CH	 :7p	`````S	-61 [""5	27) 504 771	07) F520 247	ጉጉረ ሃይዩ ኢ፡		ECL BYE	SOII	DI DI	gung bira	******	·ጕk	ኃ(ζ	بر. ت ت	10 10 10 10 10 10 10 10 10 10 10 10 10 1	57) 21 NO 12	VET overti y, Of (月 し 1 1 1 1 1 1 1 1 1 1 2 1 1 2 1 3 1 3 1 3	EN FINE FINE FINE FINE	r Kan.	`: I N	iei,	*



Building Infor	mation	Project Information	Ceiling Height
Facility	Lost Lake Centre	Project #: 17-266-15	L
Building I.D.	21 Second Street, Hudson	Client: Corporation of the Municipality of Sioux Lookout	Room Dimensio
Floor	marn	Date: D/C 7,2017	
Room I.D.	1 Entrance	Assessor: LM/MB	

LOCAT	TON	1		TYPE O	FMAT	ERIAL3				Comments		FRIA	BILITY	CON	OTTON ⁵	PFD
Sample ID1	Surface ²	TSI (Pipe)	TS! (Other)				Drywall	СТ	Other		QTY					cv
	1					:		,	У	carpet		T	7	1		
	**************************************		:		-			<u> </u>			- 					
			· · · · · · · · · · · · · · · · · · ·		 -	-			Y	wood s.f.						╂╌┷┷
LLC-S2	- W2.			 	•							1		*	- - i	_
				<u>}</u>			·	<u>"</u> .×		restured bods of 5 12"x12" wood Riba		<u> </u>				<u> </u>
				<u>.</u>		L			<u>}</u>	1 G					1	
	D								· 4	3 hollow metal doors		T			1	
					1			,			1	1				1
· · · - · - · - · · · · · · · · · · · ·				·				 	.	and the state of t	· · · · · · · · · · · · · · · · · · ·	 - -		- -		·
]		·					:	and the second s				- · · · · · · · · · · · · · · · · · · ·		 -
	.,			1		; 		· +	 _	No. 1. William (No. 1) and the Control of the Contr		.	ļ]
					<u> </u>		····	: 				<u>L</u> _				
											1					
4				Ī				1							w. 4	1
				 		;		<u> </u>		The state of the s		1	`			1
		ļ. ———			<u> </u>		·	<u> </u>	 		 	 -				
				: 	 			ļ	<u> </u>			 -	-	-	+	-
	,					: 				The state of the s			<u> </u>		<u> </u>	<u> </u>
					Ì						<u></u>		1		į	
	:															
			• • · · · · · · · · · · · · · · · · · ·			?			·]	· · · · · · · · · · · · · · · · · · ·			1
		 	:			÷	·	!		The state of the s	 		+			†
		Į.	<u> </u>	<u>. </u>	;			į		<u> </u>	<u> </u>	I	ŕ		i	<u> </u>

Notes:

- 1. S# = sample: VS (S#) = visually similar to sample collected elsewhere.
- 2. C = celling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
- 3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VF7 = vinyl floor tile; MIC = mud joint compound; CT = ceiling tile
- 4. F = friable; NF = non-friable
- 5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
- 6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

* All Sampled materials Not Luerz in 9004 as found joint compound; CT = ceiling tile Condition = 5

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

throughout *

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats, smoke detectors observed. NIA Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)



Building Infor	mation	Project Information	Ceiling Height C
Facility	Lost Lake Centre	Project #: 17-266-15	
Building I.D.	21 Second Street, Hudson	Client: Corporation of the Municipality of Sioux Lookout	Room Dimensions
Floor	max'n	Date: Dec. 8.70/2	
Room I.D.	(2) spen Area (tribles)	Assessor: Lm/me	

	LOCAT				TYPE O	F MAT	ERIAL ³				Comments	QTY	FRIA	BILITY	ĆQ	TION	ION ⁵	PFD	•
	Sample 10 ¹	Surface ²	TSI (Pipe)	TSI (Other)	V5F	VFT	MIC	Drywali	CT	Other		QIY	F			G	FP		
		E.	Ir.au	:						: :X_	carpet				1	1			
		F								X	carpet wood s.f.		_			!		 	-
116	-520,6	111				,	¥	×		1				X		X			
117	-52a,6 -53a-C							3/			toture coat			X		X		:	
ر				†			<u>)</u>	¥	!	<u> </u>	JOHNIE COLF		 -		•••			·	•
		···		÷ .	-					ļ	The state of the s	····	-	1	- :			r i	
		**								 				<u> </u>	<u>s</u> -			 	
				÷	·				ļ	<u> </u>				}					
				<u></u>								1		·		· · · · · · · · · · · · · · · · · · ·			
							·		<u> </u>	:				 	_				
	<u> </u>			<u></u>					: - 									<u></u>	
				! :					!	<u> </u>				.				<u> </u>	
				·						1			L_		j			<u>.</u>	
	·						i							,		1			i
											The state of the s					-		, .	* "
				ing the second					;							- ī		·	
								· · ·	!	1	Angurum yang as salah sa			· • • • • • • • • • • • • • • • • • • •					
				<u> </u>		<u></u>			!	 		»	.,,					- -	
								<u> </u>	<u>:</u>		4.		 			,	+		
			<u> </u>	E		: :			<u>i</u>	<u> </u>			<u> </u>					<u></u>	لــــــــــــــــــــــــــــــــــــــ

Notes:

- 1. S# = sample; V5 (S#) = visually similar to sample collected elsewhere.
- 2. C = ceiling; W = Wall; F = Floor, P = Piping; V = vessel; O = Other
- 3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
- 4. F=friable; NF = non-friable
- 5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
- 6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light foctures, ballasts checked, lead paint check results, mercury thermostats, smoke detectors observed.— N () Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)



Building Infor	<u>mation</u>	Project Information	Ceiling Height 🔗
Facility	Lost Lake Centre	Project #: 17-266-15	
Building I.D.	21 Second Street, Hudson	Client: Corporation of the Municipality of Sioux Lookout	Room Dimensions
Floor	main	Date: Dec-7,2017	
Room I.D.	(3) kitchen	Assessor: Lm/mB	

LOCATION				TYPE O	F MAT	ERIAL ³				Comments	077	FRIA	BILITY	CONE	ITION ⁵	PFD*
Sample ID ¹ Surfa	ce ^z	TSI (Pipe)	TSI (Other)	V5F	VFT	MJC	Drywali	CT	Other		QTY	F	$\overline{}$			CVA
Slac F				J X	1					yellow textured		\Box	2	×		
سر ا	. i]	:				4	voood s.f.					!	
-52c w UC-52 (,			1	:	· /	X						,			
36-57 (-			T			4			The state of the s	-			×		
<u>رود عمر</u>	_		eren erener eren eren eren eren eren er	†												
. 0									X	Lhollow metal door		1-		5	+ : - 	
						•	-						· · · · · ·			
······					! !	-	,		, market						- 44	
		- -			-						-	1		+		
· ·				:	 							+-	-		المهاري عقد	
				÷	 					The second secon						1 4 -4
	-+						-· ·		· · · · · · · · · · · · · · · · · · ·			╁			<u> </u>	
				 								-			+	-+
		· · · · · · · · · · · · · · · · · ·	·	<u> </u>	 ,				<u> </u>		-	╬			++-	-
				-	<u> </u>				<u> </u>			╌┞╾	-	جئت هانت ادار د		
					ļ							<u> </u>	<u>-</u>			
	_		: !						1	are the second s		-				
				<u> </u>	ļ.,				<u>:</u>					<u> </u>		
		; 	: !	}		i			1						<u>. </u>	
			i	1					 }					1 1	_	

Notes:

- 1. 5# = sample; V5 (5#) = visually similar to sample collected elsewhere.
- 2. C=ceiling; W=Wall; F=Floor; P=Piping; V=vessel; O=Other
- 3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
- 4. F = friable; NF = non-friable
- 5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P × poor (>25% damage)
- 6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on the fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats, smoke detectors observed. Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)



Building Inform	ation_	Project Information	Ceiling Height 父 /
Facility	Lost Lake Centre	Project #: 17-266-15	
Building L.D.	21 Second Street, Hudson	Client: Corporation of the Municipality of Sioux Lookout	Roam Dimensions
Floor	main	Date: Dec. 7,2017	
Room I.D.	(4) WE	Assessor: Lm/mB.	Prince Pr

	LOCAT	ION			TYPE O	F MAT	ERIAL3				Comments	T	FRIA	BILITY	CON	DITTON ⁵	PFD ⁵
[Sample ID ¹	Surtace ²	T\$I (Pipe)	TSI (Other)					ст	Other		QTY	F				CVA
	LLC-51.	F		!	¥						vollaw tretured		T	X	×		
	······································	<u>_</u>			;		1		·- ·		yellow tratured wood st		1		- #5°	:	
,	LLC-52					<u> </u>		J		,	10001:33		†	÷			 -
					:		, <u>,</u> ,	*	<u>.</u>	<u> </u>			╫	.х.		<u> </u>	┨┼
17	UC-52	- C.		 	***		<u></u>	<u> </u>				_	—			<u> </u>	1
					g	4			<u> </u>	· · · · · · · · · · · · · · · · · · ·				-			
						:							<u> </u>				
					; }	1	i:		:	•	· · · · · · · · · · · · · · · · · · ·			1			
		* ·······			[:						1	1			
					jan manan t						and the state of t		1	:		·	1 - ! -
1					ļ,	÷	<u> </u>						-	·		-}- -	 -
	,			: 	!		:					·		 			ļi.,
				 	<u> </u>	:	·		:				 	<u>-</u>	a	· · · · · · · · · · · · · · · · · · ·	
<u> </u>	·			·	i Į.		<u>.</u>	· ·	<u> </u>								1
				: !	1			· ·	1	!					1	<u> </u>	
				,	:	:			1				T				
	### ·						}	, - ,- 	1		the second secon		_	1			
						Γ.	}	 					-				
l			.,, <u></u>	,		├	<u> </u>	J	<u>:</u> —-		The state of the s	+	-	<u></u>			
1						ļ	-		-		ng ngan nasa n nganggang ng manasan ngaph an nasan ngapang kuru ,			<u> </u>			
						!	ļ		-	·	e de la composição de lacerda de la composição de la comp		ــــــ	;			
					1	<u>i</u>	į į	<u> </u>	1			1					

Notes:

- 1. 5# = sample; V\$ (\$#) = visually similar to sample collected elsewhere.
- 2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
- 3. TSI = thermal system insulation; VSF = viryl sheet flooring; VFI = viryl floor tile; MIC = mud joint compound; CT = ceiling tile
- 4. F = friable; NF = non-friable
- 5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
- 6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on it of fluorescent light fixtures; ballasts checked, lead paint check results, mercury thermostats, smoke detectors observed. N 113 Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

Project Information



Ceiling Height 4

	Facility			Lost Lake Centre							Project #: 17-2	266-15		-	7	-						
	Building L.).	21 Secon	d Street, H	udson	1					Client: Corpo	ration of the M	Viunicipality of Sio	ux Lookout	7	Room	Dîmen	200î2				
	Floor		mai	'N	. "						Date: Dec											
	Room I.D.		(5) Pc	intru							Assessor: Lm/mR											
			*_X.												⊸	ł		<u> </u>				
	LOCAT					F MAT					Comments				0774	FRIAB	ILITY*	CONDITION ³		PFD ⁶		
	Sample ID ¹	Surface ²	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywali	C	Other					QTY	F			FP			
١٢	16-51	(-			*		: `` !				Vellew	+Ex-		<u></u>			X	צ			-	
43	Ì	È					7	7	: }	¥	wood	S.E.					`				* **	
	. 1 / -52	11)	1	1	******	7	v	Ŋ	1	-			and the same of th		 		X	×	7-			
V5	116-25 116-25		l		· · · · · · · · · · · · · · · · · · ·			v.						The Control of the Control			文	<u>-</u>	1	┝┯		
115	وحلله	•	 		.			*	· ·			-				 				<u> </u>	<u>.</u>	
	ļ <u> </u>		L	· 	<u>.</u>	<u> </u>	·		,									······································		ļ	- 	
				<u> </u>	· •								and the second s	eners a series and a depote the co		<u></u>		<u>.</u>	<u>;</u>			
											<u> </u>					<u> </u>					*	
																		1				
	-	·		,	***	:			. ,		<u> </u>			Market Committee of the				· ~	·		 	
	l				1	+			 		<u> </u>					- '			++	-		
				<u> </u>							 								4	ļ		
		سـ ،	 	 	-		i								-				-	 		
									· · ·			······································	#**** **** - ##**			.			- 	1		
			ļ	ļ	<u> </u>				<u>. </u>					****						ļ		
					ı 	<u> </u>					·				L						;	
									· ·													
			1	i										······································					TT			
	i	•	I		 -	 					 								-	1		
	ļ		†			-		}				 		· • • • • • • • • • • • • • • • • • • •	+	<u> </u>					-,-, на	
	ļ			ļ	 		•		<u> </u>				· · · · · · · · · · · · · · · · · · ·	***								
	i :			-	ì	4			. :		l				- 1		!	:				

Notes: 1. 5# = sample; V5 (S#) = visually similar to sample collected elsewhere.

2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other

3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFF = vinyl floor tile; MUC = mud joint compound; CT = ceiling tile

4. F = friable; NF = non-friable

Building Information

5. E = excellent (no damage); 6 = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)

6. C= contact/accessible; V = vibration; A= air erosion. Use H = high; M = moderate; L= low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; > 450 sm = 7 samples

Linclude information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats, smoke detectors observed - UIA Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)



Building Information	Project information	Ceiling Height 91
Facility Lost Lake Centre	Project #: 17-266-15	
Building I.D. 21 Second Street, Hudson	Client: Corporation of the Municipality of Sioux Lookout	Room Dimensions
Floor Im out Y	Date: Der. 7, 2017	-
Room I.D. 1 Vina Poor	Assessor: Lm /hm B	

	<u>LO</u> CATI				TYPE OF	MAT	ERIAL ³				Comments		FRIA	BILITY	CO	NDITION ⁵	PFD ⁵
	Sample iD ¹	Surface ²	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	c ₁	Other		<u> at</u>	F				CVA
		[=			::					×	carpet		Ī		. 1		
ľ		F								×	1200d. S.f.		1]	
باب	-S2die	[48		<u> </u>		!	·	×	!				1			X	
Μ,	-53d,e		·	<u>i </u>	ا			<u> </u>			he at.		 	メ		2-4-11. Xİ	
Ч	بالباللية ت			<u> </u>			إعلام	L.A <u>-</u>	.		texture coat		 	1			·
- [; q===,,============================							The second secon		 				
-				·		······		·		, 							4-4-4-
	! 				<u> </u>	· 	 - -			·			 		<u>i</u>		
					·				: سد د مه				<u></u> .	: 			
						į		! 	: -				1.				
ľ	-					Ţ				_				:			
Ī				·									1				
ľ		· ,	 	÷ · · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·		i					┼	 :			-
ŀ	· · · · · · · · · · · · · · · · · · ·	-			<u>.</u>				; —! ;				┪	···	J	1	
- 1				in the second second	<u> </u>				<u></u>				┧				
-				ļ	.			<u> </u>					┨——				<u> </u>
]			 		•				i	·			. .				
.			<u></u>						<u>.</u>		and the second s	an i i i america					
			<u></u>						·							_	
						j			•				1			! "	
				Marian . Later Africa 14						i		22.1	1		:	-	

Notes:

- 1. S# = sample; VS (S#) = visually similar to sample collected elsewhere.
- 2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
- 3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MIC = mud joint compound; CT = ceiling tile
- 4. F = friable; NF = non-friable
- 5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
- 6. C=contact/accessible; V=vibration; A=air erosion. Use H=high; M=moderate; L=low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

-include information on # of fluorescent light firtures, ballasts checked, lead paint check results, mercury thermostats, smoke detectors observed. | N () |
Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)



Building Inform	nation		Project Information	Celling Height 9 !
Facility	Lost Lake Centre		Project #: 17-266-15	
Building I.D.	21 Second Street, Hudson] .	Client: Corporation of the Municipality of Sioux Lookout	Room Dimensions
Floor	main		Date: DeC. 7,2017	
Room I.D.	1 Bedroom]	Assessor: Lm/mB	

L	<u>LOCAT</u>				TYPE O						<u>Comments</u>	QTY	FRIABILIT	r' co	ONDITION ⁵	PFD ⁶
	Sample ID1	Surface ²	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Orywall	ст	Other		Qif	F NF		GFP	CVA
		F			:				1	X	Corpet			\top		
ľ	:	ţ-	770							X	cocpet s.f					
31	10-52 UC-53						×	· ·	-			·				
اد	, , , , ()					}	X				terture wout		X	,	·X; + -	
2	برد س	\			÷ · · • ·	<u> </u>		<u></u>	: 		tterare 1500			-	×	
ŀ			· 										ļ			
			· · · · · · · · · · · · · · · · · · ·		 						AND THE RESIDENCE OF THE PROPERTY OF THE PROPE					
				<u> </u>	į		······································	,	<u>↓</u>							
l				·					-		The later and th			_	·	
				*												
1					!											
	I															
					!	<u> </u>		:					,	-	 	
				granteaniste van hoosiline	†	:		·								
				<u></u>	 				•						<u></u>	· ·
						 										
l			<u> </u>	18	·				ļ	· · · · · · · · · · · · · · · · · · ·					1	
				· · · · · · · · · · · · · · · · · · ·	· ·	' ├──- <u>-</u>		<u> </u>		:			<u> </u>	_		
					a 2						The state of the s		<u> </u>			
)		<u>.</u>		i						
				·· · -												

Notes:

- 1. S# = sample; VS (S#) = visually similar to sample collected elsewhere.
- 2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
- 3. TSI = thermal system insulation; VSF = winyl sheet flooring; VFT = vinyl floor tile; MIC = mud joint compound; CT = ceiling tile
- 4. F = friable; NF = non-friable
- 5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
- 6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples



Building Inform	ation	Project Information	Ceiling Height Q /
Facility	Lost Lake Centre	Project #: 17-266-15	
Building I.D.	21 Second Street, Hudson	Client: Corporation of the Municipality of Sioux Lookout	Room Dimensions
Floor	mdin	Date: bec 7,2017	
Room I.D.	18) close+	Assessor: Lm/mB	

	LOCAT	<u>ION</u>			TYPE O	F MAT	ERIAL3				Comments		FRIAB	iLTY ⁴	CON	DITION ⁵	PFI	y ⁶
j	Sample ID ¹	Surface ²	TSI (Pipe)	TSI (Other)	VSF	VFI	MUC	Drywall	ст	Other		QTY	F	NF	E	5 F P		
		F)			X	carpal					1		
	· · · ·	۲			•] -				イ	carpet wood s.f		1			T	1	
uc	116-53					<u> </u>	λ	V					1			11	1	
V 2	LLC-SZ	<u>.</u>		:	· · · · · · · · · · · · · · · · · · ·		? <u>~</u> , ≰									+	 -	
42	LLC-S3	i C ,,		; •	 	: —-	<i>y</i> -	<u> </u>			texture coat			}	<u> </u>	- - 		4
	·			<u> </u>	<u> </u>				! 								.	
					<u>.</u>	÷							<u> </u>					(
						<u>i</u>							J		<u>. i</u>			`
		•		,										1				
															i		1	1
					†	 							-		-	1		
		 · ·				} -							-			-å	-}	
	,				ļ	÷			 							<u> </u>		L
				ie	•				ļ _ _		A PARTY OF THE PROPERTY OF THE PROPERTY OF THE PARTY OF T		1		 +			
				·		ļ						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	<u> </u>	· 		-	<u> </u>	
			·			1]	
				;														
	· 				-	Ť.		n										,
						.	•	-	·		The state of the s	-		·		,,,,	1:	1
				· · · · · · · · · · · · · · · · · · ·	<u>;</u>	<u>i</u>						,					┪╴╬╌	}
			 		, 	ļ <u>.</u>			····				-				+	
				1	:	į .			1			L					1 '	

Notes:

- 1. S# = sample; V5 (S#) = visually similar to sample collected elsewhere.
- 2. C=ceiling; W=Wali; F=Floor; P=Piping; V=vessel; O=Other
- 3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC ≈ mud joint compound; CT = celling tile
- 4. F=friable; NF=non-friable
- 5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
- 6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead point check results, mercury thermostats, smoke detectors observed. U[A] Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)



Building inton	mation	
Facility	Lost Lake Centre	
Building I.D.	21 Second Street, Hudson	

Floor main 9) Room Room I.D.

Project	Inform	ation

Project #: 17-266-15 Client: Corporation of the Municipality of Sioux Lookout

Date: Dec 7,2017 Assessor: Lm/mB

Ceiling Height	91	

Room Dimensions

1/	CATION	_		TYPE O	E MAT	EDIA!3				Comments	 	-	nu mA		MOIT!	ا ي	P.5	_6
		² TSI (Pipe)	TSI (Other)	VSE	VET	MIC	Dowell	<u></u>	Dther	commens	QTY	F	BILITY	- 1	NDITK	<u> </u>	C V	
SUMPLE		isi (i ipc)	1 sa focuery			1000	Diyman	<u> </u>				[I NEF !	-	G 11			1 A
	- - - E			·			-		X	Lux pet		.	<u>.</u>				 -	<u> </u>
			• • • • • • • • • • • • • • • • • • • •	,						carpet wood sfi				:				
UC:	2 W				į į	X	'			I .			X		×			
711-	52 W 53 C		1				Ϋ́			texture coat			, X	,	× 1	7	17.000.00	
<u> </u>		······································	, 	· · · · · ·			~~		ares es ne	TEATURE	alteration of the second	·	- -		`- \	- ∮	· · · · · · · · · · · · · · · · · · ·	
or a garage	<u> </u>		· •		*							 	-	٠. ن				
		<u> </u>			·		,					1	·	<u></u>			<u>_</u>	i
				: :												;	l	<u>.</u>
-			•									Π						
	*	1		:	• · · · · • ;		·			The property control of the Control		†	÷			-		:
f- ·		· · · · · · · · · · · · · · · · · · ·		•								·{·····	÷					
			£				 - {	, 				 	<u> </u>			+		
				<u>:</u>		· ···			: 			<u> </u>	<u>.</u>					;
}			<i>!</i>					1				1.						
1				1								1				:		
}			, , , , , , , , , , , , , , , , , , ,	-				- 1				·			- 		1	ļ
				ļ -	·		-			description of the contract of		 	<u> </u>				<u></u>	-
<u></u>			·										<u>.</u>	******.	<u> </u>			
			· 	į.			<u> </u>					<u></u>	<u>;</u>	4	<u>.</u>		Ĺ	<u> </u>
				í	-		·						•					
	<u> </u>					*				the second secon		1						1 .
 			·	 	<u>.</u>						· · · · - 	·	 		•			-
	_			į					<u> </u>				:	-	:_			

Notes:

V5 VS

- 1. S# = sample; VS (S#) = visually similar to sample collected elsewhere.
- 2. C=celling; W=Wall; F=Floor; P = Piping; V = vessel; O = Other
- 3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MIC = mud joint compound; CT = ceiling tile
- 4. F = friable; NF = non friable
- 5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
- 6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on the fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats, smoke detectors observed. Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

. ; .



Building Informs	<u>tion</u>	Project Information	Ceiling Height 矣 /
Facility	Lost Lake Centre	Project #: 17-266-15	
Building LD,	21 Second Street, Hudson	Client: Corporation of the Municipality of Sioux Lookout	Room Dimensions
Floor	main	Date: Dec. 7,2017	
Room I.D.	(BWR#1	Assessor: Lm/mB	

LOCATI	<u>ON</u>	<u>. </u>		TYPE O	F MAT	ERIAL	- 			<u>Comments</u>		FRIA	SIUTY	CO	NDITI	DN ⁵	P	PFD ⁶
Sample ID ¹	Surface ^z	TSI (Pipe)	TS! (Other)	VSF	VFT	MUC	Drywall	C	Other		<u>uir</u>	F	NF					
	F		:	<u>.</u>	: !		1		V	carpet				;				
	=							ĺ	¥	word cf	- ·			:			1	
116-52	101		·			.,	J	å					×	·			+-	
116-5	•				• i	— 7 5	/	 	}	No. 1. Company of the company of the	 -	 - 	×	-	1	-		·= ±
لاز بدال	يولا		·	T	 -		×		<u></u>		-						1	
	<u>-</u>	 -	i :		•		, g <u></u>		}	AND THE RESIDENCE OF THE PROPERTY OF THE PROPE	 	 					<u></u>	
			[ļ	· 						Ļ	<u> </u>				<u> </u>		. L
	· ····		••••	:			<u> </u>	·	: Y			ļ				_}	· · · · · · · · · ·	
شد د د د) }	:										
:						:		:							1		[
												Γ-						
			<u> </u>	 					}					د. د			_	+
	•	<u> </u>		· · · · · ·	,		r		ç 		†	-	i					
		}	1		·				 	and the second s	 		 .	·:			-+	-+ -
,				·			\ 		,	No. 1 colific participation of the control of the color o		 -		<u>;</u>			<u> </u>	·
	,			<u>;</u>	<u> </u>	ļ .	:- 	<u>.</u> 4	<u>-</u>		<u> </u>							<u> </u>
		<u> </u>	·		:				<u>: </u>		<u> </u>	<u> </u>		ا س ن يست			·	
				!			· ·		1			<u>L</u>			`_			:
				Ī														
			•			1		-	••••••••••••••••••••••••••••••••••••••		1	*		. }			i	
÷		ł		·		ļ	!	 i	·			 	• ··-····		1	1-	 -	
	Sample 10 ¹		Sample ID ¹ Surface ² TSI (Pipe)	Sample ID ¹ Surface ² TSI (Pipe) TSI (Other)	Sample ID ¹ Surface ² TSI (Pipe) TSI (Other) VSF	Sample ID ¹ Surface ² TSI (Pipe) TSI (Other) VSF VFT	Sample ID ¹ Surface ² TSI (Pipe) TSI (Other) VSF VFT MIC	Sample ID ¹ Surface ² TSI (Pipe) TSI (Other) VSF VFT MJC Drywall	Sample ID ¹ Surface ² TSI (Pipe) TSI (Other) VSF VFT MJC Drywall CT	Sample ID ² Surface ² TSI (Pipe) TSI (Other) VSF VFT MIC Drywall CT Other VSF VFT MIC Drywall CT Other	Sample 10 ³ Surface ² TSI (Pipe) TSI (Other) VSF VFT MJC Drywall CT Other F	Sample 10 ¹ Surface ² TSI (Pipe) TSI (Other) VSF VFT MJC Drywall CT Other F	Sample ID Surface TSI (Pipe) TSI (Other) VSF VFT MJC Drywall CT Other F VSF VFT MJC Drywall CT Other X CO CPET X UXXX G S F	Sample 10 ¹ Surface ² TSI (Pipe) TSI (Other) VSF VFT MJC Drywall CT Other F NF X WOOD SF.	Sample ID ¹ Surface ² TSI (Pipe) TSI (Other) VSF VFT MJC Drywall CT Other F NF E X UXXX C ST PC-T	Sample ID ¹ Surface ² TSI (Pipe) TSI (Other) VSF VFT MJC Drywall CT Other F NF E G I	Sample 1D ² Surface ² TSI (Pipe) TSI (Other) VSF VFT MJC Drywall CT Other Consequent	Sample 10 ¹ Surface ² TSI (Pipe) TSI (Other) VSF VFT MJC Drywall CT Other Comparison Comp

Notes:

- 1. S# = sample; VS (S#) = visually similar to sample collected elsewhere.
- 2. C = ceiling; W = Wall; F = Floor; P = Fiping; V = vessel; O = Other
- 3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MIC = mud joint compound; CT = ceiling tile
- 4. F = friable; NF = non-friable
- 5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
- 6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

-Include information on #-of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats, smoke detectors observed... \(\int \) \(\int \) Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)



Building Inform	<u>mation</u>	Project Information	Ceiling Height Q
Facility	Lost Lake Centre	Project #: 17-266-15	
Building I.D.	21 Second Street, Hudson	Client: Corporation of the Municipality of Sioux Lookout	Room Dimensions
Floor	main	Date: D+r. 4, 2017	***
Room I.D.	(I) (NK #5	Assessor: LM/MR	

1	LOC	ATION]			TYPE O	FMAT	ERIAL.				Comments	975	FRIA	B!UTY	CONDI	TIONS	PFD ⁶
	Sample ID	² Sun	face ²	TSi (Pipe)	TSI (Other)	VSF	VFT	MIC	Drywal	וו כד	Other	<u> </u>	QTY	F	NF			CVA
						;					×	carpet		T	;			
		<u> </u>	=-				1		;	-	¥	1000d S.E.	<u> </u>				<u> </u>	
۲ ا	UC-S				potre con Them			¥	1	<u> </u>	†		<u> </u>		X			· · · · · · -
			~		···				`` `	- -	-		╁┈┈	-	×	<u> </u>		
٦	للدح	_	\sim				-					Apply and the second se	-				├ - ┼	ļ
	·		,,,,,		···· · · · · · · - · · -	<u>-</u>	; :				!		 	╂	-		: ••••	
1		···-			· · · · · · · · · · · · · · · · · · ·	<u> </u>	-						<u> </u>	<u> </u>	·	<u>-</u>	,.	
					! 	<u>.</u>			i:	· 			L	<u> </u>			<u>.</u>	
		.							t :					1			<u> </u>	l
ł					:												,	
i		1			1	-									(1 1 7 7
1	·				[. ,				 	in the second se	<u> </u>	-	:		حد ټار په ا	
		•	1				1			-	·	The second secon	ļ	 				
ļ				 -	· · · · · · · · · · · · · · · · · · ·	•••		-	·		<u> </u>		- -				 	
					4.n. ii				 		·	i description of the second of	 					
					<u></u>	· · ·		ger (8-11 chart)	<u>.</u>	i				<u> </u>	<u> </u>		ļ	
		.		-	· •	<u>!</u>	1		<u> </u>	_	}		ļ					
					:	<u> </u>) -								1			
į	-					[1									
					** · · · · · · · · · · · · · · · · · ·						}			7			·	[
							 -		<u> </u>	-	*		 	1	,	1	-	

Notes:

- 1. S# = sample; VS (S#) = visually similar to sample collected elsewhere.
- 2. C = seiling; W Wall; F = Floor; P = Piping; V = vessel; O = Other
- 3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
- 4. F = friable; NF = non-friable
- 5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
- 6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats, smoke detectors observed. \(\begin{align*} \begin

1



Building Inform	mation	Project Information	Ceiling Height 91
Facility	Lost Lake Centre	Project #: 17-266-15	
Building I.D.	21 Second Street, Hudson	Client: Corporation of the Municipality of Sioux Lookout	Room Dimensions
Floor	main	Date: DCC. 7, 2017	
Room I.D.	1(12) Kitchen	Assessor: Um/m R	

	LOCAT	ION			TYPE O	F MAT	ERIAL3				Comments	YTD	FRIA	BILITY	ÇO!	NDITIC)N ⁵	PFD*
	Sample ID ²	Surface2	TSI (Pipe)	TSI (Other)	VSF	VFT	MIC	Drywall	СТ	Other		911	F	NF	E	6 F	Р	CVA
	·	F		-		*	Lagran			メ	corpef.		<u>L.</u>				<u>i</u> _[
		Ę.								又	wood s.f		<u> </u>				ì	
٧s	114-52	w		; ; •——————————————————————————————————	<u> </u>	*· 4	X			·				У	,	X `		
	LLC-S			·			Х.	Υ	ن الله المسالم		texture coax		<u>. </u>	×-		X	<u>:</u>	
					·													
	der ogsåderner græsse blig de					ļ									1			
	ANDRONE				· 				<u> </u>						3			
					(<u> </u>			. -		
			13 k	itcher	2.5	for	0 12	-							:) 		
		F			<u> </u>	<u>. </u>				X	carpet		ļ				2	
		<u> </u>			in more		-			<u> </u>	woodsf.		<u> </u>					
V5	UC-52	w					乂.	<u> </u>	<u> </u>		And a second district of the second district		_	X	_	ΧÌ		
V\$	ني سال	<u> </u>		: Na ayan da ayan ayar inna a anda	.		×	<u> </u>	<u></u>		texture coat.		.	メ	•	\mathbf{X}^{1}	.,	
					!	<u>. </u>			<u>.</u>	<u></u>								
	*			!		<u>:</u>	<u> </u>	ļ	·						·			
		,		,	: Ļ		·						_	-		4	,	
					ļ	<u> </u>	·		·		Angeleggy and the second secon			· 				
		, .		· ·					: 					: 			-	
				i 		· 	. '		1				1	<u>.</u>	<u>. i</u>	ţ.	ĺ	

Notes:

- 1. S# = sample; VS (S#) = visually similar to sample collected elsewhere.
- 2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
- 3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
- 4. F=friable; NF=non-friable
- 5. E excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
- 6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats, smoke detectors observed: N [A Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

... 4 ...



Building Inform	ヘコチャベの

Facility	Lost lake centre
Building I.D.	> 1 Second Street, Hudson
Floor	besumet
Room I.D.	(14) Storage.

Project Information

Project #: 17-21010-15	
Client: Mr. / Mi Cloriting	Inneous
Date: 10c. 7.7.017	
Assessor: Lm ImB	

Celling Height	
Poom Dimensions	

LOCAT	10N			TYPE O	F MA	TERIAL				Comments		FRIA	BILITY	CON	DITION ⁵	PFD ⁶
		TSI (Pipe) I	Si (Other)	VSF	VFT	MUC	Drywall	ព	Other	-	QTY	F	_			cv
	£-			:		* 6			>	Preox.						
	(~	,			*				×	Ay word		1				
	كها				, - 	-		;	بد	Wood		1				
	س								ゝ	P-conc.				!	1	· i
:	C						••		×	joists + med.		1	ì			
	0		nara cara car				-		×	unins dut wik.			##************************************	-	17	
					!	Ţ 	:					1				
		(B)	Storag	fe / v	wie	h.	,	·					Ī			,
	<u> </u>			; -		.	;		7	P-conc.		Ţ.	,	ì		1
	W			· ·			r - ; :		سيد	r-conc.			;	1	· • · · · · · · · · · · · · · · · · · ·	
	w						;		~	wood bords				1	!	
	<u></u>			,	; ;]			~	juste + ward						
	D				7				ン	Unins 1. Pirs					-	
· — —	D								ہد	uning dud unde			-			
	6					:			~	fiel al tank			L			
	O		errene er i de er e err		1				٦-	HWT			1			
	Ø								سد	furnace						
			_			3							+			1
					Ţ	4										

Notes:

- 1. S# = sample; VS (S#) = visually similar to sample collected elsewhers.
- 2. C = ceiling; W = Wall; F + Floor; P = Piping; V = vessel; O = Other
- 3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; NUC = mud joint compound; CT = ceiling tile
- 4. F = friable; NF = non-friable
- 5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
- 6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats, smoke detectors observed. \(\nabla \infty \alpha \)
Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)



Building Informa	tion	Project Information.	Celling Height
Facility	Lost Late centre	Project #: 13-21010-15	
Building I.D.			Room Dimensions
Floor	bassment	Date: Dec. 7.2012	
Room I.D.	(16) Gonz.	Assessor: Lm/mB	

LOCATION		TYPE O	F MATERIAL				Comments	OTV	FRIA	SILITY ⁴	COND	ITION ⁵		PFD	6
Sample ID ¹ Surface ²	TSI (Pipe) TSI (Other)	VSE	VFT MUC	Drywall	ст	Other		<u>QTY</u>	F		E G		_		
						×	P-conc.								
W				\sim		- Uni	untrished ab	,					-	1	-
W				·			wood part		<u> </u>		N N NF		- -		
												7	1	4	
				\	; 		infraghed GB				.1	1 .		**	
ے					> ~	., ,	12×12 wood Flore							. !	
						¥-	, , , ,				, - · ·	· -			
			_		-										
	(A) Store	Κ	r.	: !								1] ;	
F				[~	f-cone.								
رسا				×			unfinished				2.2	1			
~				سر			unf.n.sh.or		ĺ		 :		1		
C						¥	lows					1			
0						+	uning dut mok.							;	
	And the second section of the second of the													Ţ i	
				** - *** • *							- 4.				
				· · · · · · · · · · · · · · · · · · ·	: 1						. !	1	1	+	
-	,	•	-,,		1						}	-	1		
		•• • • • • • •					The second secon			7	,		-		1

Notes:

- 1. S# = sample; VS (S#) = visually similar to sample collected elsewhere.
- 2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
- 3. TSI thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
- 4. F = friable; NF = non-friable
- 5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
- 6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats, smoke detectors observed. | N (A Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)



Building Informa	tion	Project Information	Ceiling Height
Facility	Lost lake centre	Project #: [2-2/2/2-15	
Building I.D.		Clientynumicioniss of Gout Lookout	Room Dimensions
Floor		Date: Dec. 7, 2613 /	1
Room I.D.		Assessor: 1m/mB	

LOCATIO	N	TSI (Pipe) TSI (Other) VSF VFT		F MAT	ERIAL ³				Comments		FRIA	ABILITY CONDITIONS		PFD ⁶			
Sample ID ³ 5	urface ²	TSi (Pipe)	TSI (Other)	VSF	VFT	MIC	Drywall	CT	Other		OTY	F	NF	E (F	PC	V A
	F _					į			×	carpit							
	الاباة				:	į			~	wood parreling	T -	•				-1 "	1
	C_							_ حد		wood 6. bre	-	-	*	-		+	,
	C	*		•	•		×-		····	unfrished above ct.	 -		•	•		- -	
			· · · · · ·	· · · · · · · · · · · · · · · · · · ·							1			 ;			
		(19)	Stora			• •		territorian de la de C	· · · · · · · · · · · · · · · · · · ·				 -		. 4-		† †
- 1 20,000	ستتا			<i>3</i> = -			· · · · · · · · · · · · · · · · · · ·	:	 -	Prone.	-						<u></u>
			· 	· · · · · · · · · · · · · · · · · · ·				· ·	<u>`</u>	The second secon		_		<u>-</u>		+	·••···• ••···
	_يرا								 -	P-conc.	 	-	÷	· · · • • • • • • • • • • • • • • • • •	. —	- -	
				;	<u> </u>		derividade version — 1	•	· ×	V. Desa							
				<u> </u>					 		_		•				-
				·	·			<u> </u>	ļ		-			· 			<u> </u>
		ext	erior_								 	<u> </u>	.			-	
	F	:				<u> </u>) 	A	busement - poured concrete	<u> </u>				<u> </u>		
	_ W		L					•	<u> </u>	corrugated Metal sisting	<u> </u>			·			
1	. <u>W</u>						arrella de la companya de	·	У	metal grating						L.	į. . .
			The same					·		· · ·					. de seu		* · · · ·
	700	ra	nno^{\perp}	NIC	W.	1 st	10W	2					<u></u>				
					:				:								:
				•				: :		Part of the Control o	,		-				

Notes:

- 1. S# = sample; VS (S#) = visually similar to sample collected elsewhere.
- 2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessei; O = Other
- 3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MIC = mud joint compound; CT = ceiling tile
- 4. F = friable; NF = non-friable
- 5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
- 6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fortures, ballasts checked, lead paint check results, mercury thermostats, smoke detectors observed. N (A Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)



Laboratory Certificate of Analysis



TGE Reference #: 17-266-15 Client Reference: Lost Lake Centre, Hudson

Sample #	Sample description	Asbestos Detected	Type of Asbestos	Non- Asbestos Fibres	Percent* (volume)
1	Bulk sample identified as "LLC – S1a, vinyl sheet flooring (VSF) with marble pattern". [17-09445].				
	Beige flooring with attached fibrous backing and yellow mastic.				
Layer 1	Flooring portion.	NO		Non-fibrous	
Layer 2	Backing portion.	NO		MMMF	1-10%
Layer 3	Mastic portion.	NO		Non-fibrous	
2	Bulk sample identified as "LLC – S1b, VSF with marble pattern". [17-09446].				
	Beige flooring with attached fibrous backing and yellow mastic.				
Layer 1	Flooring portion.	NO		Non-fibrous	
Layer 2	Backing portion.	NO	-	MMMF	1-10%
Layer 3	Mastic portion.	NO		Non-fibrous	

METHOD: Dispersion Staining with Polarized Light Microscopy (PLM), U.S. Environmental Protection Agency Test Method EPA/600/R-93/116 Method for Determination of Asbestos in Bulk Building Materials, June 1993 as per Ontario Regulation 278/05, November 1, 2005.

Bulk Asbestos Proficiency Analytical Testing (BAPAT) Participating Laboratory: True Grit Engineering (TGE) participates in the American Industrial Hygiene Association (AIHA) BAPAT program, laboratory ID 211465.

NOTES:

MMMF (Man-Made Mineral Fibres) may include fibreglass, mineral wool, slag wool, rock wool and ceramic fibres. Synthetic fibres may include; nylon, dacron, orlon, polyester.

Detection Limit of this method is approximately 0.5% (percent volume). The symbol for less than is " <" and the symbol for greater than is ">" [#####] = TGE sample tracking number

DATE: December 12, 2017

Heather Wilson, B.Sc.

Industrial Hygiene Scientist

REVIEWED:

Jacquie Elvish, B.Sc., CRSP Senior Health and Safety Specialist

^{*} Results reported as percent (by volume) of total particulates observed. Results reported for a sample may not total 100%.

^{*} Ontario Regulation 278/05 defines any material containing 0.5% or more asbestos as an asbestos-containing material.



TGE Reference #: 17-266-15 Client Reference: Lost Lake Centre, Hudson

Sample #	Sample description	Asbestos Detected	Type of Asbestos	Non- Asbestos Fibres	Percent [*] (volume)
3	Bulk sample identified as "LLC – S1c, VSF with marble pattern". [17-09447].				
	Beige flooring with attached fibrous backing and yellow mastic.				
Layer 1	Flooring portion.	NO		Non-fibrous	
Layer 2	Backing portion.	NO		MMMF	1-10%
Layer 3	Mastic portion.	NO		Non-fibrous	
4	Bulk sample identified as "LLC – S2a, mud joint compound (MJC)". [17-09448].	NO		Non-fibrous	
	Firm, white chalky material				
5	Bulk sample identified as "LLC – S2b, MJC". [17-09449].	NO	-	Non-fibrous	
	Firm, white chalky material				
6	Bulk sample identified as "LLC – S2c, MJC". [17-09450].	NO		Non-fibrous	
	Firm, white chalky material				

METHOD: Dispersion Staining with Polarized Light Microscopy (PLM), U.S. Environmental Protection Agency Test Method EPA/600/R-93/116 Method for Determination of Asbestos in Bulk Building Materials, June 1993 as per Ontario Regulation 278/05, November 1, 2005.

Bulk Asbestos Proficiency Analytical Testing (BAPAT) Participating Laboratory: True Grit Engineering (TGE) participates in the American Industrial Hygiene Association (AIHA) BAPAT program, laboratory ID 211465.

NOTES:

MMMF (Man-Made Mineral Fibres) may include fibreglass, mineral wool, slag wool, rock wool and ceramic fibres. Synthetic fibres may include; nylon, dacron, orlon, polyester.

Detection Limit of this method is approximately 0.5% (percent volume). The symbol for less than is " <" and the symbol for greater than is ">" [#####] = TGE sample tracking number

DATE: December 12, 2017

Heather Wilson, B.Sc.

Industrial Hygiene Scientist

REVIEWED:

Jacquie Elvish, B.Sc., CRSP

Senior Health and Safety Specialist

ANALYST:

^{*} Results reported as percent (by volume) of total particulates observed. Results reported for a sample may not total 100%.

^{*} Ontario Regulation 278/05 defines any material containing 0.5% or more asbestos as an asbestos-containing material.



TGE Reference #: 17-266-15 Client Reference: Lost Lake Centre, Hudson

Sample #	Sample description	Asbestos Detected	Type of Asbestos	Non- Asbestos Fibres	Percent* (volume)
7	Bulk sample identified as "LLC – S2d, MJC". [17-09451]. Firm, white chalky material	NO		Non-fibrous	
8	Bulk sample identified as "LLC – S2e, MJC". [17-09452]. Firm, white chalky material	NO	-	Non-fibrous	
9	Bulk sample identified as "LLC – S3a, stippled ceiling". [17-09453]. Firm, white, chalky textured material.	NO		Cellulose	1-10%
10	Bulk sample identified as "LLC – S3b, stippled ceiling". [17-09454]. Firm, white, chalky textured material.	NO		Cellulose	1-10%

METHOD: Dispersion Staining with Polarized Light Microscopy (PLM), U.S. Environmental Protection Agency Test Method EPA/600/R-93/116 Method for Determination of Asbestos in Bulk Building Materials, June 1993 as per Ontario Regulation 278/05, November 1, 2005.

Bulk Asbestos Proficiency Analytical Testing (BAPAT) Participating Laboratory: True Grit Engineering (TGE) participates in the American Industrial Hygiene Association (AIHA) BAPAT program, laboratory ID 211465.

NOTES:

MMMF (Man-Made Mineral Fibres) may include fibreglass, mineral wool, slag wool, rock wool and ceramic fibres. Synthetic fibres may include; nylon, dacron, orlon, polyester.

Detection Limit of this method is approximately 0.5% (percent volume). The symbol for less than is " <" and the symbol for greater than is ">" [#####] = TGE sample tracking number

DATE: December 12, 2017

Heather Wilson, B.Sc.

Industrial Hygiene Scientist

REVIEWED:

Jacquie Elvish, B.Sc., CRSP

Senior Health and Safety Specialist

ANALYST:

^{*} Results reported as percent (by volume) of total particulates observed. Results reported for a sample may not total 100%.

^{*} Ontario Regulation 278/05 defines any material containing 0.5% or more asbestos as an asbestos-containing material.



TGE Reference #: 17-266-15 Client Reference: Lost Lake Centre, Hudson

Sample #	Sample description	Asbestos Detected	Type of Asbestos	Non- Asbestos Fibres	Percent* (volume)
11	Bulk sample identified as "LLC – S3c, stippled ceiling". [17-09455].	NO	-	Cellulose	1-10%
	Firm, white, chalky textured material.				
12	Bulk sample identified as "LLC – S3d, stippled ceiling". [17-09456].	NO		Cellulose	1-10%
	Firm, white, chalky textured material.				
13	Bulk sample identified as "LLC – S3e, stippled ceiling". [17-09457].	NO		Cellulose	1-10%
	Firm, white, chalky textured material.				

METHOD: Dispersion Staining with Polarized Light Microscopy (PLM), U.S. Environmental Protection Agency Test Method EPA/600/R-93/116 Method for Determination of Asbestos in Bulk Building Materials, June 1993 as per Ontario Regulation 278/05, November 1, 2005. Bulk Asbestos Proficiency Analytical Testing (BAPAT) Participating Laboratory: True Grit Engineering (TGE) participates in the American Industrial Hygiene Association (AIHA) BAPAT program, laboratory ID 211465. NOTES:

MMMF (Man-Made Mineral Fibres) may include fibreglass, mineral wool, slag wool, rock wool and ceramic fibres. Synthetic fibres may include; nylon, dacron, orlon, polyester.

Detection Limit of this method is approximately 0.5% (percent volume). The symbol for less than is " <" and the symbol for greater than is ">" [#####] = TGE sample tracking number

DATE: December 12, 2017

Heather Wilson, B.Sc.

Industrial Hygiene Scientist

REVIEWED:

Jácquie Elvish, B.Sc., CRSP Senior Health and Safety Specialist

ANALYST:

^{*} Results reported as percent (by volume) of total particulates observed. Results reported for a sample may not total 100%.

^{*} Ontario Regulation 278/05 defines any material containing 0.5% or more asbestos as an asbestos-containing material.

True Grit Engineering
1263 innovation Drive, Thunder Bay, ON P78 0A2
T807.626.5640 F807.623.5690
www.trusgriteng.com

Request for Laboratory Services - Chain of Custody



REPORT TO:	Company Name:	Municipality o	of Sioux Lookout/ TGE			INVOICE TO:	Company Name						
	Contact:						Contact:						
	Address:					✓ Same	Address:						
						☐ Other							
	Phone #:		Cell#				Phone #:			Fax #:			
	Fax #:					Turn Around Time	v		REGULAR	(3-5 DAYS, D	EFAULT)		
	Email:							RUSH (24 -	48 HRS, 509	% SURCHAR	GE) BUSINESS	HOURS	
	Send results by:	□Fax	☐Mail ☐Phone	<u>□</u> Email		(available for Asbestos and Mould analysis only)		EMERGENC	Y (<24 HRS (OR WEEKEN	D, 100% SUR	HARGE)	
		SESSION SES			2363					Analysi	s Requested		- 1 To 1 To 1 To 1 To 1 To 1 To 1 To 1 T
TGE Tracking #	Date Collected or Received	Sample Type (Air, Bulk, Dust)		Description (As it will appear	on th	e report)		Asbestos	Mould	Other		ng Data (air samp	les only)
								Ascentos	mound	(e.g. lead)	Flow Rate (lpm)	Time (minutes)	Volume (litres)
17-09445	07-Dec-17	bulk	LLC - S1a, VSF, beige with ma	arble pattern	in	a + mastic > n	d.2 m	x					
17-09446	07-Dec-17	bulk	LLC - S1b, VSF, beige with ma	arble pattern	1	granation p	0% MMMF	х					
17-09447	07-Dec-17	bulk	LLC - S1c, VSF, beige with ma	rble pattern				х					
17-09448	07-Dec-17	bulk	LLC - S2a, MJC	ion. Sibrovs	,			х					
17-09449	07-Dec-17	bulk	LLC - S2b, MJC					х					
17-09450	07-Dec-17	bulk	LLC - S2c, MJC					х					
17-09451	07-Dec-17	bulk	LLC - S2d, MJC					х					
17-09452	07-Dec-17	bulk	LLC - S2e, MJC	V				х					
17-09453	07-Dec-17	bulk	LLC - S3a, stippled ceiling	1-1070	c (1111052		х					
17-09454	07-Dec-17	bulk	LLC - S3b, stippled ceiling				3	х					
	discarded after a client sample r	eference (eg. F	O #, address, etc.). only: AN - Allergenco Air; BS	LOS+ Lak Bulk Sample; TS - Tape				sn,	Pg.1				
Relinquished by				Date:			Time:		Signature:		٨	(
L. Miller				09-	Dec	:-17	10:00a	ım	Lo	uso	eh	m	_
Accepted by: (P	lease Print)			Date:					Signature:	8			
TGE Project #:	17-24	le-15		Date Analyzed:	1-	2/2017	Time:	pm	Analyst:	4	2		

True Grit Engineering 1263 Innovation Drive, Thunder Bay, ON P7B 0A2 T 807.626.5640 F 807.623.5690 www.tyeeriteng.com

Request for Laboratory Services - Chain of Custody



	T													
REPORT TO:	Company Name: Municipality of Sioux Lookout/ TGE Contact:					INVOICE TO:	Company Name							
							Contact:							
	Address:					✓ Same	Address:							
						☐ Other								
	Phone #: Cell# Fax #: Email:						Phone #:	Fax #:						
						Turn Around Time	REGULAR (3-5 DAYS, DEFAULT)							
						1		RUSH (24 - 48 HRS, 50% SURCHARGE) BUSINESS HOURS						
	Send results by:	Fax	Mail	Phone	□Email	(available for Asbestos and Mould analysis only)	☐ EMERGENCY (<24 HRS OR WEEKEND, 100% SURCHARGE)							
TGE Tracking #		Sample Type (Alr, Bulk, Dust)			AND WALLES	Of the state of th	7	Analysis Requested						
	Date Collected or Received				Description (As it will appear	ar on the report)		Asbestos	Mould	Other	Sampling Data (air samples only)			
										(e.g. lead)	Flow Rate (lpm)	Time (minutes)	Volume (litres)	
17-09455	07-Dec-17	bulk	LLC - S3c, stipple	ed ceiling				х						
17-09456	07-Dec-17	bulk	LLC - S3d, stippled ceiling											
17-09457	07-Dec-17	bulk	LLC - S3e, stipple	led ceiling				x						
Special Instruct	ions:		•		1 - 5/ 1 - 0/ -	· (- +100	11.	1000						
Samples will be Please provide a			PO #, address, etc	c.).	LOST Lake	e Centre,	Hua	SON,	Pg- 2	1				
		mould samples	only: AN - Allerg	genco Air; B		e Sample; OT - Other Typ								
Relinquished by: (Please Print)					Date:		Time:		Signature: Louglos Au Signature:					
L. Miller					09-Dec-17		10:00am		Z	Del	De of	M		
Accepted by: (Please Print)				Date:	Date:			Signature:						
TGE Project #:					Date Analyzed:	Date Analyzed: Time:			Analyst:					
12-7/0/0-15					0, 17	01. 17/17 1:45			11	6 E				