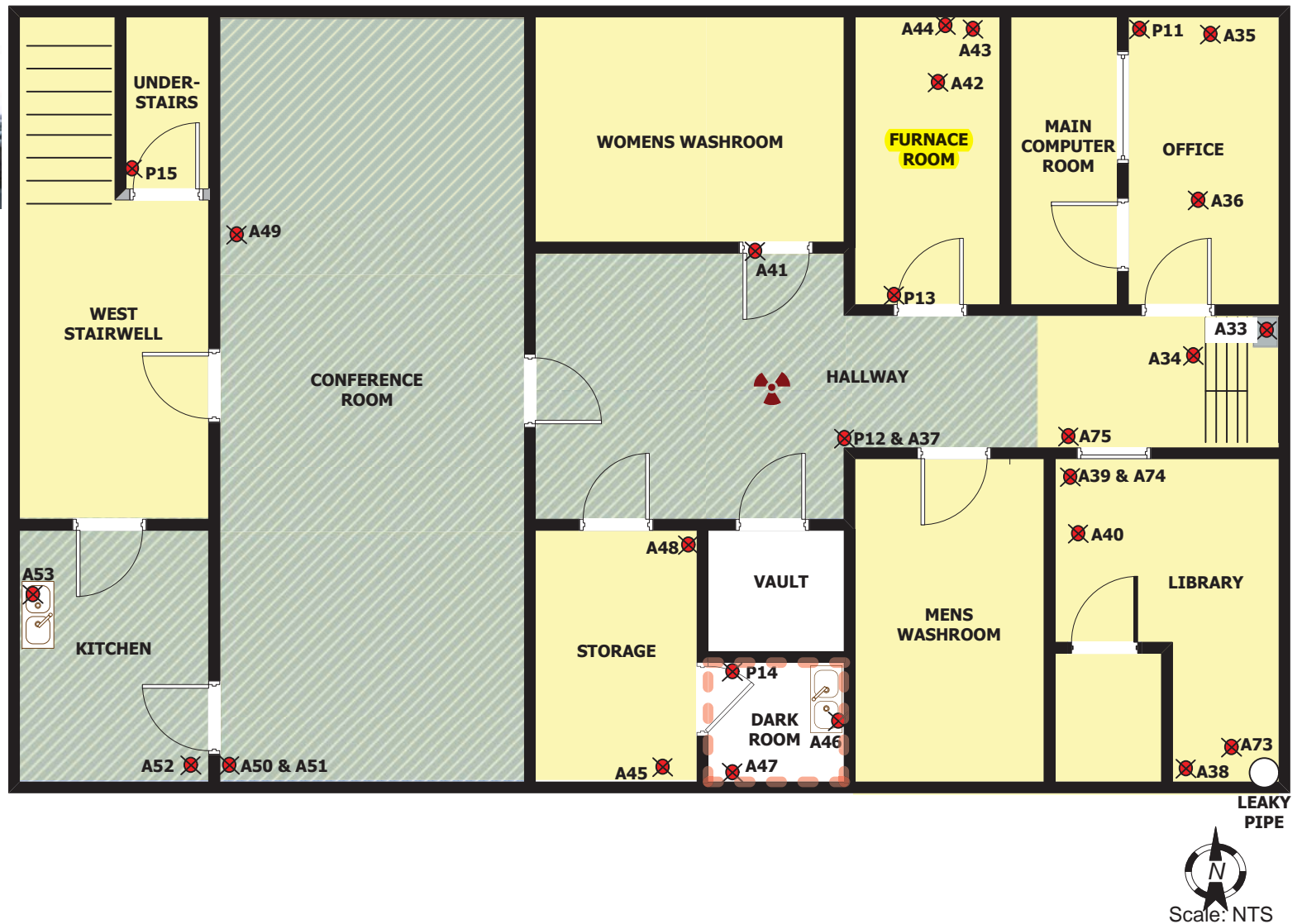


Building	Floor	Room	Description	Ceiling	Walls	Floor	Misc.	Ceiling Color	Wall Color	Floor Color/Pattern	Ceiling Tile Size	Asbestos Sample	Sample ID	Location	Paint Sample	Sample ID	Location	Result
1: Administration Office	Bsmt	Basement Office	office	drywall	drywall	linoleum	-	blue	blue	blue speckle	-	-	-	-	blue	P11	office	Negative
												blue drywall mud	A35	ceiling	-	-	-	Negative
												blue speckle linoleum	A36	floor at drain	-	-	-	Negative
1: Administration Office	Bsmt	Main Computer Room	computer room	drywall	drywall	linoleum	-	blue	blue	blue speckle	-	-	-	-	-	-	-	-
1: Administration Office	Bsmt	Hallway	hallway	drywall	drywall/ cement	carpet/9x9 floor tile/ linoleum	smoke detector; 9m pipe insulation	white	white	light brown	-	-	-	-	white	P12	hall	Negative
												white drywall mud	A37	hall	-	-	-	Positive
												brown with white 9x9 floor tile	A41	hall floor	-	-	-	Positive
												brown with white 9x9 floor tile	A75	hall floor	-	-	-	Positive
1: Administration Office	Bsmt	Library	library	ceiling tile	wall wood board	carpet on cement	-	white	beige	-	12x12 grid and 12x12 holes	white pipe wrap	A38	pipe wrap	-	-	-	Negative
												white 12x12 holes ceiling tile	A39	ceiling	-	-	-	Negative
												white 12x12 grid ceiling tile	A40	ceiling	-	-	-	Negative
												white 12x12 grid ceiling tile	A73	west ceiling	-	-	-	Negative
												white 12x12 grid ceiling tile	A74	NE corner	-	-	-	Negative
1: Administration Office	Bsmt	Library Closet	closet	drywall	plywood/ drywall	cement	-	white	wood	red	-	-	-	-	-	-	-	-
1: Administration Office	Bsmt	Mens Washroom	washroom	drywall	drywall	linoleum	-	white	beige	new	-	-	-	-	-	-	-	-
1: Administration Office	Bsmt	Furnace Room	furnace	drywall	brick/ cement	cement	-	bare	yellow	gray	-	-	-	-	yellow	P13	furnace room	Negative
												white drywall mud	A42	wall	-	-	-	Positive
												yellow insulating board	A43	make-up air duct	-	-	-	Negative
												silver sink insulation	A44	sink	-	-	-	Negative
1: Administration Office	Bsmt	Vault	vault	cement brick	cement brick	cement	-	white	white	red	-	-	-	-	-	-	-	-
1: Administration Office	Bsmt	Dark Room	dark room	fibre board	cement brick/fibre board	rubber mat on cement	ACM sink	black on green	black on green	black mat/red cement	-	-	-	-	black	P14	dark room	Positive
												silver sink insulation	A46	sink	-	-	-	Positive
												black fibre board	A47	wall	-	-	-	Negative



Sample ID
A = asbestos sample
P = paint sample

- Sampling Location
- Floor Covering containing Asbestos
- Drywall Mud/Stipple/Wall covering containing Asbestos
- Wall and/or Attic Insulation containing Asbestos
- Pipe/tank insulation containing Asbestos
- Ozone Depleting Substance (ODS)
- ACM Sink Coating
- Radioactive Items
- Mercury
- Lead paint
- Window caulking containing Asbestos



SITE SAMPLING DIAGRAM: #1 ADMINISTRATION OFFICE Basement



Date: Feb, 2011

Edited: Mar. 2011

Drawn by: CL

Edited by: ER

Project Name: Hazardous Materials Assessment

Project Location: Beaverlodge Research Centre

Project No.: 11166

**Appendix
2b-5**



#1: Administration Office

Sample A37: Drywall mud on basement hallway wall



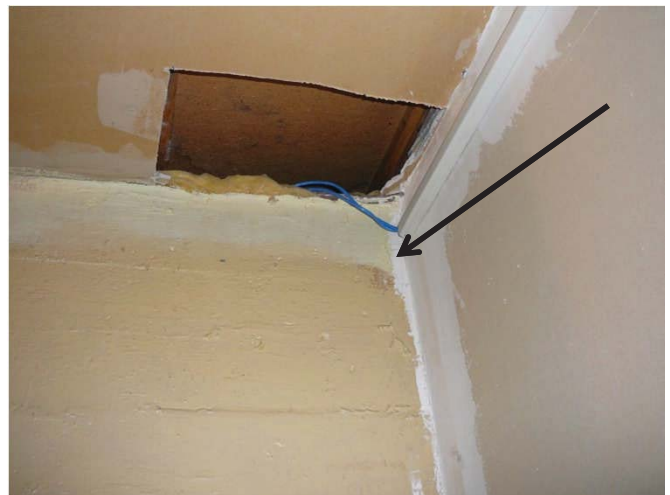
#1: Administration Office

Sample A41 & A75: Brown/white 9x9 floor tile on basement hall floor



#1: Administration Office

Sample A62: Ceiling texture on SW wall of Office 3



#1: Administration Office

Sample A42: Drywall mud on Furnace Room wall

PHOTOGRAPHIC LOG

CERTIFICATE OF ANALYSIS

Client:	Ballast Enviro. Conslt'g Ltd.	Report Date:	2/21/2011
	PO Box 87073 RPO Douglas Sq.	Project:	Beaverlodge
	Calgary AB T2Z 3V7	Project No.:	11166B

BULK SAMPLE ANALYSIS SUMMARY

Lab No.:	4218854	Description / Location:	White/Tan Ceiling Tile; 12x12	
Client No.:	A40		(1) Bsmt Library	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	98	Cellulose	2

Lab No.:	4218856	Description / Location:	Grey Floor Tile; 9x9	
Client No.:	A41		(1) Bsmt Hallway	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
PC 1.6	Chrysotile	None Detected	None Detected	PC 98.4

Lab No.:	4218856	Description / Location:	Lt. Tan Joint Compound	
Client No.:	A42		(1) Bsmt Furance Room	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
PC 1.8	Chrysotile	None Detected	None Detected	PC 98.2

Lab No.:	4218857	Description / Location:	Yellow/Tan/Black Insulation	
Client No.:	A43		(1) Make-Up Air Duct, Bsmt	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	10	Cellulose	88
		2	Mineral Wool	

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

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Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: M. Mirza

Date: 2/21/2011

CERTIFICATE OF ANALYSIS

Client:	Ballast Enviro. Conslt'g Ltd.	Report Date:	2/21/2011
	PO Box87073 RPO DouglasSq.	Project:	Beaverlodge
	Calgary AB T2Z 3V7	Project No.:	11166B

BULK SAMPLE ANALYSIS SUMMARY

Lab No.:	4218858	Description / Location:	Silver/Lt.Tan Insulation
Client No.:	A44		(1) Bsmt, Furnace Room
<u>% Asbestos</u>	Type	<u>% Non-Asbestos Fibrous Material</u>	Type
None Detected	None Detected	None Detected	None Detected
			100

Lab No.:	4218859	Description / Location:	White/Tan Ceiling Tile; 12x12
Client No.:	A45		(1) Bsmt, Storage Room
<u>% Asbestos</u>	Type	<u>% Non-Asbestos Fibrous Material</u>	Type
None Detected	None Detected	98	Cellulose
			2

Lab No.:	4218860	Description / Location:	Silver/Black Sink Insulation
Client No.:	A46		(1) Bsmt, Dark Room
<u>% Asbestos</u>	Type	<u>% Non-Asbestos Fibrous Material</u>	Type
PC 1.4	Chrysotile	None Detected	None Detected
			PC 98.6

Lab No.:	4218861	Description / Location:	Black/Tan Fiber Board
Client No.:	A47		(1) Bsmt, Dark Room
<u>% Asbestos</u>	Type	<u>% Non-Asbestos Fibrous Material</u>	Type
None Detected	None Detected	98	Cellulose
			2

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

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Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: M. Mirza

Date: 2/21/2011

BULK MATERIAL SAMPLING LOG

Worksite: Beaverlodge Date: Feb 4/11
 Client: PLUGSC Job No.: 11166B
 Date Results Required: _____ No. Samples: _____ Page 3 of _____

Sample #	Colour	Description	Location	Condition	Estimated Amount	Picture ID
A29	black	tar paper	(S) 2nd FL South east end	good 4218843	4015 end of built 2nd FL	109-0710
A30	black	"	(S) Main FL South Storage ceiling	" 4218844	entire ceiling built	109-0648
A31	green	Cino	(S) main FL office	4218845 4218846	main office floor #4	109-0660
A32	"	leveling compound	(S) middle of north lab	"	office only	109-0662
A33	brown	lino	(1) Main; east door shoe rack	fair 4218847	5'x3' + shelves	109-0761
A34	white	drywall joint compound	(1) Bsm + east stairwell	good 4218848	all	109-0768
A35	blue	drywall putty	(1) Bsm + office ceiling	good 4218849	"	109-0769
A36	blue speckle	1 sheet lino	(1) Bsm + office at floor drain	" 4218850	bsmt office + computer room	109-0771
A37	white	drywall putty	(1) bsmt hall	poor 4218851	entire	109-0772
A38	white	pipe wrap	(1) bsmt library tape on fiberglass insulation	good 4218852	7m	109-0777
A39	white	12"x12" holes ceiling	(1) bsmt library north strip	good 4218853	entire 3' wide	109-0778
A40	white	12"x12" grid	(1) bsmt library ceiling	good 4218854	remaining library	109-0779
A41	brown white	9"x9" brown/white floor tile	(1) bsmt hallway floor	Fair 4218855	1/2 hallway (4m)	109-0783
A42	white	drywall putty	(1) bsmt furnace room	good 4218856	all	0784

BULK MATERIAL SAMPLING LOG

Worksite: Beaverlodge Date: Feb 5/11
 Client: PWCSC Job No.: 111668
 Date Results Required: _____ No. Samples: _____ Page 4 of _____

Sample #	Colour	Description	Location	Condition	Estimated Amount	Picture ID
A43	yellow	insulating board	① make-up air duct - bsmt	good 4218857	2'x7'	109-0787
A44	silver	sink insulation	① bsmt utility furnace room	fair 4218858	1 sink	109-0788
A45	white	12"x12" holes ceiling tile	① bsmt storage room	good 4218859	room	109-0792
A46	silver	sink insulation	① bsmt dark room	good 4218860	1 sink	109-0793
A47	black	fiber board	① bsmt "	good 4218861	ceiling & 2 walls	109-0794
A48	blue	blue speckle sheet lino	① bsmt storage room	good 4218862	floor	109-0795
A49	brown	squares lino	① bsmt conference room	good 4218863	conference, hall, kitchen	109-0800
A50	white	12x12 holes ceiling tile	① bsmt conference room	good 4218864	room	109-0808
A51	white	drywall puddy	① bsmt SW corner	good 4218865	new part of building	109-0809
A52	"	"	① bsmt kitchen SE corner	" 4218866	"	109-0810
A53	bronze	sink insulation	① bsmt kitchen sink	" 4218867	2 sinks	109-0811
A55	white	12x12 holes ceiling tile	① main hall (middle)	" 4218868	entire except entry	109-817
A56	brown	squares lino	① main storage east	poor 4218869	-	109-816
A57	white	12x12 holes ceiling tile	① main office SE corner	Good 4218870	entire except entry	109-815