

5. CONESTOGA ELEMENTARY SCHOOL

5. CONESTOGA ELEMENTARY SCHOOL

The Conestoga Elementary School is a brick structure built in 1953 with additions built in 1958 and 1966.

**Friable Asbestos-Containing Materials Requirements**

**Boiler Room**

Asbestos-containing materials are present in the Boiler Breeching Insulation, the Boiler Insulation, Piping and Fitting Insulation and the Gaskets in the Boiler. The Boiler Insulation exhibits major areas of significant damage and should be removed. The Boiler Breeching Insulation and Piping Insulation are in fair condition, and should be repaired with a bridging encapsulant and a new covering. The Gaskets on the Boiler are in fair condition with small damaged areas. All exposed friable areas of the Gasket should be coated with a bridging encapsulant.

**Plumbing Chase**

The Thermal Systems Piping Insulation located in the plumbing chase adjacent to the lobby is in poor, damaged condition. This insulation should be removed as soon as possible. The Fitting Insulation is in good condition and requires no remedial action (the Fitting insulation would be removed with the Piping Insulation).

**Crawlspaces**

All Thermal Systems Piping and Fitting Insulation located throughout the crawlspace areas is in poor, significantly damaged condition which should be removed as soon as economically feasible. Access to the Boiler Room, the Plumbing Chase and the Crawlspace should be restricted until removal of all significantly damaged Asbestos Thermal Systems Insulation.

**Asbestos-Containing Materials Requirements**

Soffit panels located on the walkway canopy, the main lobby and other exit foyers contain asbestos materials. These Transite Panels are in good, undamaged condition and require no remedial action if not disturbed.

The Floor Tile located throughout the building contain asbestos materials. The tile do not constitute a health hazard and do not require removal if not disturbed.

Any disturbance of Asbestos-Containing Materials shall be handled under the provisions of the Operation and Maintenance Plan.

BULK SAMPLE SUMMARY SHEET

SCHOOL DISTRICT PENN MANOR

BUILDING: CONESTOGA ELEMENTARY

SAMPLE NUMBER	RESULT	MATERIAL SAMPLED	SAMPLE LOCATION
Ø113-CON-Ø1	40% Chrysotile 20% Amosite	Fitting Ins.	Boiler Room
Ø113-CON-Ø2	20% Chrysotile 30% Amosite	Pipe Ins.	Boiler Room
Ø113-CON-Ø3A	NONE DETECTED	Ceiling Plaster above door	Boiler Room
Ø113-CON-Ø3B	NONE DETECTED	Ceiling Plaster above controls	Boiler Room
Ø113-CON-Ø3C	NONE DETECTED	Ceiling Plaster above regulators	Boiler Room
Ø113-CON-Ø4	80% Chrysotile	Gasket from Boiler	Boiler Room
Ø113-CON-Ø5A	NONE DETECTED	Ceiling Plaster	Garage near Boiler Room
Ø113-CON-Ø5B	NONE DETECTED	Ceiling Plaster	Nurses Bathroom
Ø113-CON-Ø5C	NONE DETECTED	Ceiling Plaster	Room #4
Ø113-CON-Ø5D	NONE DETECTED	Ceiling Plaster	Stage Storage
Ø113-CON-Ø5E	NONE DETECTED	Ceiling Plaster	Hallway near Room #7
Ø113-CON-Ø5F	NONE DETECTED	Ceiling Plaster	Boys Room
Ø113-CON-Ø5G	NONE DETECTED	Ceiling Plaster	Room #8
Ø113-CON-Ø6	20% Chrysotile	Transite	Near Exit to room #8
Ø113-CON-Ø7A	NONE DETECTED	Ceiling Tile	Near Exit to Room #8
Ø113-CON-Ø8A	NONE DETECTED	Ceiling Tile	Room #8

BULK SAMPLE SUMMARY SHEET

SCHOOL DISTRICT: PENN MANOR

BUILDING: CONESTOGA ELEMENTARY

SAMPLE NUMBER	RESULT	MATERIAL SAMPLED	SAMPLE LOCATION
Ø113-00N-09	1-3% Chrysotile	Floor Tile/Grey w/orange	Room #8
Ø113-00N-13A	NONE DETECTED	Ceiling Tile	Cafeteria/All Purpose Room
Ø113-00N-14A	NONE DETECTED	Wall Plaster	Library
Ø113-00N-14B	NONE DETECTED	Wall Plaster	Library
Ø113-00N-15	1% Chrysotile	Floor tile white w/blue	Library
Ø113-00N-16A	NONE DETECTED	Ceiling Tile	Library
Ø113-00N-17	10% Chrysotile	Pipe Cover	Pipe Chase
Ø113-00N-19A	NONE DETECTED	Ceiling Tile	Stage
Ø113-00N-21A	NONE DETECTED	Wall Plaster	Music Room
Ø113-00N-21B	NONE DETECTED	Wall Plaster	Girls Room
Ø113-00N-21C	NONE DETECTED	Wall Plaster	Classroom #15/Boys Room
Ø113-00N-22A	NONE DETECTED	Wall Plaster	Room #12
Ø113-00N-22B	NONE DETECTED	Wall Plaster	Hallway near Room #12
Ø113-00N-23	NONE DETECTED	Floor Tile/tan w/black	Relocatable Classroom-Hallway
Ø113-00N-24A	NONE DETECTED	Wall Plaster	Transitional Classroom
Ø113-00N-24B	NONE DETECTED	Wall Plaster	Relocatable Classroom
Ø113-00N-25A	15% Chrysotile	Fittings on Fiberglass Pipe	Crawlspace

SAMPLE LOCATION	TYPE/SPECIFIC TYPE	QUANTITY	COND.	FRIABLE	ACCBSS	POTENTIAL FOR DAMAGE	EPA AHBRA CATEGORY	RECOMMENDED ACTION	COST OF RECOMMENDED WORK	COST OF TOTAL REMOVAL	SAMPLE NUMBER	RESULTS
<u>ALL PURPOSE ROOM</u>	CEILING TILE 1'X1'	900 SQ FT	GOOD	YES	2	LOW	--	NO ACTION			0113-CON-13A	NONE DETECTED
	MACM/FLOOR TILE 9"X9"	1800 SQ FT	GOOD	NO	1	LOW	6	NO ACTION		1.00 PER SQ FT	R0113-CON-09	1-3% CHRYSOTILE
<u>ALL PURPOSE ROOM STAGE AREA</u>	CEILING TILE 2'X4'	390 SQ FT	GOOD	NO	1	LOW	--	NO ACTION			0113-CON-19A	NONE DETECTED
	MACM/FLOOR TILE	390 SQ FT	GOOD	NO	1	LOW	6	NO ACTION		1.00 PER SQ FT	R0113-CON-09	1-3% CHRYSOTILE
<u>ALL PURPOSE ROOM STORAGE ROOM</u>	CEILING PLASTER	50 SQ FT	GOOD	NO	1	LOW	--	NO ACTION			0113-CON-05D	NONE DETECTED
<u>BOILER ROOM</u>	CEILING PLASTER	560 SQ FT	GOOD	NO	2	LOW	--	NO ACTION			0113-CON-03A	NONE DETECTED
	CEILING PLASTER	560 SQ FT	GOOD	NO	2	LOW	--	NO ACTION			0113-CON-03B	NONE DETECTED
	CEILING PLASTER	560 SQ FT	GOOD	NO	2	LOW	--	NO ACTION			0113-CON-03C	NONE DETECTED
	MACM/GASKET MATERIAL	UNKNOWN	FAIR	YES	3	LOW	4	REPAIR	50.00	UNKNOWN	0113-CON-04	80% CHRYSOTILE
	TSIACM/BREACHING INSULATION	90 SQ FT	FAIR	YES	2	LOW	1B	REPAIR	300.00	2025.00	RAML09-442575	25% C-40% A
	TSIACM/FITTING INSULATION	3	POOR	YES	2	MEDIUM	1A	REMOVE	90.00	90.00	0113-CON-01	40% C-20% AMOSITE
	TSIACM/FITTING INSULATION	27	FAIR	YES	2	MEDIUM	1B	REPAIR	270.00	810.00	0113-CON-01	40% C-20% AMOSITE
	TSIACM/PIPING INSULATION	3" DIA X 130'	FAIR	YES	2	MEDIUM	1B	REPAIR	250.00	1690.00	0113-CON-02	20% C-30% A
	TSIACM/PIPING INSULATION	6" DIA X 100'	FAIR	YES	2	MEDIUM	1B	REPAIR	250.00	1600.00	0113-CON-02	20% C-30% A
	TSIACM/PIPING INSULATION	8" DIA X 45'	FAIR	YES	2	MEDIUM	1B	REPAIR	150.00	720.00	0113-CON-02	20% C-30% A
<u>BOILER ROOM (1)</u>	TSIACM/BOILER INSULATION	210 SQ FT	POOR	YES	2	HIGH	1A	REMOVE	4725.00	4725.00	RAML09-442575	25% C-40% A
<u>BOYS RESTROOM LOBBY</u>	CEILING PLASTER	650 SQ FT	GOOD	NO	1	LOW	--	NO ACTION			0113-CON-05F	NONE DETECTED
<u>CLASSROOM #10, #12 (1958)</u>	MACM/FLOOR TILE 9"X9"	1700 SQ FT	GOOD	NO	1	LOW	6	NO ACTION		1.00 PER SQ FT	R0113-CON-09	1-3% CHRYSOTILE
<u>CLASSROOM #11, #13 (1958)</u>	MACM/FLOOR TILE	1700 SQ FT	GOOD	NO	1	LOW	6	NO ACTION		1.00 PER SQ FT	R0113-CON-09	1-3% CHRYSOTILE

NOTES:

BOILER ROOM (1): ONE OIL-FUELED BOILER ;(1)CLEAN AREA EVERY 6 MONTHS



SAMPLE LOCATION	TYPE/SPECIFIC TYPE	QUANTITY	COND.	FRIABLE	ACCESS	POTENTIAL FOR DAMAGE	EPA ABBEA CATEGORY	RECOMMENDED ACTION	COST OF RECOMMENDED WORK	COST OF TOTAL REMOVAL	SAMPLE NUMBER	RESULTS
CLASSROOM #12 (1958)	WALL PLASTER	225 SQ FT	GOOD	YES	1	MEDIUM	--	NO ACTION			0113-CON-22A	NONE DETECTED
CLASSROOM #14, #15 (1966)	CEILING TILE 2'X4'	875 SQ FT	GOOD	YES	1	LOW	--	NO ACTION			R0113-CON-16A	NONE DETECTED
	MACM/FLOOR TILE 9"X9"	875 SQ FT	GOOD	NO	1	LOW	6	NO ACTION		1.00 PER SQ FT	R0113-CON-09	1-3% CHRYSOTILE
CLASSROOM #15 BOYS ROOM	WALL PLASTER	75 SQ FT	POOR	YES	1	HIGH	--	NO ACTION			0113-CON-21C	NONE DETECTED
CLASSROOM #4	CEILING TILE 2'X4'	900 SQ FT	GOOD	YES	2	LOW	--	NO ACTION			R0113-CON-08A	NONE DETECTED
	WALL PLASTER	600 SQ FT	GOOD	NO	1	LOW	--	NO ACTION			0113-CON-05C	NONE DETECTED
CLASSROOM #5	MACM/FLOOR TILE	800 SQ FT	GOOD	NO	1	LOW	6	NO ACTION		1.00 PER SQ FT	R0113-CON-09	1-3% CHRYSOTILE
CLASSROOM #8	CEILING TILE 2'X4'	900 SQ FT	GOOD	YES	2	LOW	--	NO ACTION			0113-CON-08A	NONE DETECTED
	MACM/FLOOR TILE	425 SQ FT	GOOD	NO	1	LOW	6	NO ACTION		1.00 PER SQ FT	0113-CON-09	1-3% CHRYSOTILE
	WALL PLASTER	600 SQ FT	GOOD	NO	1	LOW	--	NO ACTION			0113-CON-05G	NONE DETECTED
CLASSROOM CLOSET (RE STRM SIDE/WING(1987))	WALL PLASTER	85 SQ FT	GOOD	NO	1	LOW	--	NO ACTION			0113-CON-24A	NONE DETECTED
CRAWLSPACE BELOW ('58) ADDN TO BOILER RM	TSIACM/FITTING INSULATION	25	POOR	YES	3	LOW	1A	REMOVE	750.00	750.00	0113-CON-25A	15% CHRYSOTILE
	TSIACM/PIPING INSULATION	6" DIA X 105'	POOR	YES	3	LOW	1A	REMOVE	1680.00	1680.00	R0113-CON-02	20% C-30% A
CRAWLSPACE BELOW ORIG PERIMETER OF BLDG	TSIACM/PIPING INSULATION	4" DIA X 25'	POOR	YES	3	LOW	1A	REMOVE	325.00	325.00	R0113-CON-02	20% C-30% A
	TSIACM/PIPING INSULATION	6" DIA X 600'	POOR	YES	3	LOW	1A	REMOVE	9600.00	9600.00	R0113-CON-02	20% C-30% A

NOTES:

CLASSROOM #8: ALL CLASSROOMS IN ORIGINAL BUILDING CONTAIN SAME TYPE OF CEILING TILE (SAMPLE 0113-CON-08A,08B).

CLASSROOM CLOSET (RE STRM SIDE/WING(1987)): CLASSROOM FLOORS (1987 ADDITION) ARE CARPETED

CRAWLSPACE BELOW ('58) ADDN TO BOILER RM: LOOSE PIECES OF PIPE INSULATION FROM PAST MAINTENANCE ARE LYING ON THE FLOORS OF THE CRAWLSPACE. CLEAN AREA DEBRIS EVERY 12 MONTHS

CRAWLSPACE BELOW ORIG PERIMETER OF BLDG: SEVERE DETERIORATION OF PIPE INSULATION HAS RESULTED IN LOOSE ASBESTOS DEBRIS TO BE MIXED WITH DIRT FLOORS IN CRAWLSPACES. ACCESS RESTRICTED IN CERTAIN AREAS. CLEAN DEBRIS EVERY 12 MONTHS.

SAMPLE LOCATION	TYPE/SPECIFIC TYPE	QUANTITY	COND.	FRIABLE	ACCESS	POTENTIAL FOR DAMAGE	EPA AHBRA CATEGORY	RECOMMENDED ACTION	COST OF RECOMMENDED WORK	COST OF TOTAL REMOVAL	SAMPLE NUMBER	RESULTS
<u>FACULTY ROOM</u>	CEILING TILE 2'X4'	275 SQ FT	GOOD	YES	2	LOW	--	NO ACTION			R0113-CON-07A	NONE DETECTED
<u>FOYER (OUTSIDE) NEAR CLASSROOM #8</u>	MACM/TRANSITE PANELS	90 SQ FT	GOOD	NO	1	LOW	6	NO ACTION			0113-CON-06	20% CHRYSOTILE
<u>GARAGE ADJACENT TO BOILER ROOM</u>	CEILING PLASTER	120 SQ FT	GOOD	NO	2	LOW	--	NO ACTION			0113-CON-05A	NONE DETECTED
<u>GIRLS RESTROOM LOBBY</u>	PLASTER MATERIAL	650 SQ FT	GOOD	NO	1	LOW	--	NO ACTION			R0113-CON-05F	NONE DETECTED
<u>HALLWAY (1953)</u>	CEILING TILE 2'X4'	1225 SQ FT	GOOD	YES	2	LOW	--	NO ACTION			0113-CON-07A	NONE DETECTED
<u>HALLWAY (1987)</u>	FLOOR TILE 9"X9"	470 SQ FT	GOOD	NO	1	LOW	--	NO ACTION			0113-CON-23	NONE DETECTED
<u>HALLWAY NEAR CLASSROOM #12 (1958)</u>	WALL PLASTER	-----	GOOD	NO	1	LOW	--	NO ACTION			0113-CON-22B	NONE DETECTED
<u>HALLWAY NEAR CLASSROOM #7 (1953)</u>	WALL PLASTER	-----	GOOD	NO	1	LOW	--	NO ACTION			0113-CON-05B	NONE DETECTED
<u>HALLWAY NEAR COAT RACK (1987)</u>	WALL PLASTER	-----	GOOD	NO	1	LOW	--	NO ACTION			0113-CON-24B	NONE DETECTED
<u>HALLWAY NEAR ROOM #5 (1953)</u>	CEILING TILE 2'X4'	-----	GOOD	YES	2	LOW	--	NO ACTION			R0113-CON-07A	NONE DETECTED
<u>KITCHEN</u>	MACM/FLOOR TILE 9"X9"	835 SQ FT	GOOD	NO	1	LOW	6	NO ACTION		1.00 PER SQ FT	R0113-CON-09	1-3% CHRYSOTILE
	PLASTER MATERIAL	1650 SQ FT	GOOD	NO	1	LOW	--	NO ACTION			R0113-CON-05D	NONE DETECTED
<u>LIBRARY (1966)</u>	CEILING TILE 2'X4'	1700 SQ FT	GOOD	NO	2	LOW	--	NO ACTION			0113-CON-16A	NONE DETECTED
	MACM/FLOOR TILE 9"X9"	1300 SQ FT	GOOD	NO	1	LOW	6	NO ACTION		1.00 PER SQ FT	0113-CON-15	1% CHRYSOTILE
	WALL PLASTER	225 SQ FT	GOOD	NO	1	LOW	--	NO ACTION			0113-CON-14A	NONE DETECTED
	WALL PLASTER	225 SQ FT	GOOD	NO	1	LOW	--	NO ACTION			0113-CON-14B	NONE DETECTED
<u>MAIN ENTRANCE (OUTSIDE)</u>	MACM/TRANSITE PANELS	1290 SQ FT	GOOD	NO	1	LOW	6	NO ACTION		5160.00	R0113-CON-06	20% CHRYSOTILE

NOTES:

HALLWAY NEAR CLASSROOM #7 (1953): ORIGINAL BUILDING ROOF DECKING IS CONSTRUCTED OF WOODEN PLANK, FLOORS IN THE ORIGINAL HALLWAY AND LOBBY ARE CONSTRUCTED OF TERRAZZO.

LIBRARY (1966): WALLS IN THE LIBRARY ARE FINISHED WITH PORCELAIN-ENAMEL PANELS



SAMPLE LOCATION	TYPE/SPECIFIC TYPE	QUANTITY	COND.	FRIABLE	ACCESS	POTENTIAL FOR DAMAGE	BPA AHRA CATEGORY	RECOMMENDED ACTION	COST OF RECOMMENDED WORK	COST OF TOTAL REMOVAL	SAMPLE NUMBER	RESULTS
MUSIC ROOM	CEILING TILE 2'X4'	340 SQ FT	GOOD	YES	1	HIGH	--	NO ACTION			R0113-CON-16A	NONE DETECTED
MUSIC ROOM (1966)	MACM/FLOOR TILE	340 SQ FT	GOOD	NO	1	LOW	6	NO ACTION		1.00 PER SQ FT	R0113-CON-09	1-3% CHRYSOTILE
	WALL PLASTER	350 SQ FT	POOR	YES	1	HIGH	--	NO ACTION			0113-CON-21A	NONE DETECTED
NURSE'S OFFICE RESTROOM	WALL PLASTER	850 SQ FT	GOOD	NO	1	LOW	--	NO ACTION			0113-CON-05B	NONE DETECTED
PLMBG ACCESS & JANITOR ROOM LOBBY	TSIACM/FITTING INSULATION	3	GOOD	NO	2	LOW	5	NO ACTION		90.00	R0113-CON-01	40% C-20% A
	TSIACM/PIPING INSULATION	4" DIA X 60'	POOR	YES	2	LOW	1A	REMOVE	780.00	780.00	R0113-CON-02	20% C-30% A
PLMBG ACCESS & JANIT OR ROOM LOBBY (2)	TSIACM/PIPING INSULATION	4" DIA X 90'	POOR	YES	2	LOW	1A	REMOVE	1170.00	1170.00	0113-CON-17	10% CHRYSOTILE
PRIN,NURSE,FACULTY,S SECRETARY & STOR RM#2	MACM/FLOOR TILE	730 SQ FT +	GOOD	NO	1	LOW	6	NO ACTION		1.00 PER SQ FT	R0113-CON-09	1-3% CHRYSOTILE
RESTROOM ACROSS FROM BOILER ROOM	MACM/FLOOR TILE 9"X9"	65 SQ FT	GOOD	NO	1	LOW	6	NO ACTION		1.00 PER SQ FT	R0113-CON-09	1-3% CHRYSOTILE
SECRETARY OFFICE	CEILING TILE 2'X4'	125 SQ FT	GOOD	YES	2	LOW	--	NO ACTION			R0113-CON-08A	NONE DETECTED
STORAGE ROOM #2	CEILING TILE 2'X4'	240 SQ FT	GOOD	YES	2	LOW	--	NO ACTION			R0113-CON-07A	NONE DETECTED
WOMEN'S ROOM (1966)	WALL PLASTER	320 SQ FT	GOOD	NO	1	LOW	--	NO ACTION			0113-CON-21B	NONE DETECTED

NOTES:

PLMBG ACCESS & JANITOR ROOM LOBBY (2): (2) CLEAN EVERY 6 MONTHS