REPORT
TO
THE HALTON DISTRICT SCHOOL BOARD

SURVEY AND ASSESSMENT OF ASBESTOS-CONTAINING MATERIALS
FRONTENAC PUBLIC SCHOOL
BURLINGTON, ONTARIO

Prepared by:

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Revised August 2013

701931-000

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701931-000

30 August 2013

Halton District School Board
J. W. Singleton Education Centre
2050 Guelph Line, P.O. Box 2005
Burlington, Ontario
L7R 3Z2

Attention: Mr. Terry De Medeiros
Regional Supervisor, Facilities Maintenance

Re: **Revised Survey of Asbestos-containing Materials**
Frontenac Public School
Burlington, Ontario

Dear Mr. De Medeiros:

We are pleased to submit our revised report on the survey of asbestos-containing materials. This report has been updated to include information regarding the friability of asbestos-containing materials on the floor plan(s).

We trust that the enclosed is suitable for your current purposes. Please call if you have any questions.

Yours very truly,

DECOMMISSIONING CONSULTING SERVICES

Rein Andre, B.A.
Manager, Hazardous Materials Group

Enc.

EXECUTIVE SUMMARY

Site inspections were carried out by DCS staff in May 2000 to determine the locations and assess the condition of friable materials and select non-friable materials at Frontenac Public School. Representative locations, including spaces above accessible suspended ceilings, were inspected throughout the facility, in a systematic, room-by-room manner.

Visual inspections and laboratory analyses of representative samples of suspect materials confirm that asbestos is present in the following applications:

- thermal insulation applied to pipe fittings at various locations throughout the school; and

- texture spray applied to exterior walls around the school (most notably in the vicinity of windows).

In addition, non-friable vinyl floor tiles and cement products suspected of containing asbestos are found in various locations throughout the building.

All thermal insulation, with the exception of glass fibre, should be assumed to contain asbestos unless a bulk sample analysis indicates otherwise.

The asbestos applications are generally in good condition. Items requiring corrective action were identified, communicated to the Board, and have been rectified.

Board staff and outside contractors who may work in close proximity to the friable asbestos-containing materials and who may disturb the material, must be advised of its presence. Inasmuch as asbestos is classified as a "designated substance" in Ontario, information on the presence of asbestos-containing materials is to be provided to prospective constructors on a project to be carried out in this building as part of the tendering information.

This report should be updated following any significant renovations or modifications to the facility.

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1.0 INTRODUCTION

Decommissioning Consulting Services Limited (DCS) was retained by The Halton District School Board to conduct a survey of the locations of friable asbestos-containing materials and select non-friable materials at Frontenac Public School, Burlington, Ontario, and assess its condition. This information should be provided by the Board to staff and outside contractors who may disturb the materials, and to building occupants who are situated adjacent to the materials.

Asbestos has been widely used in buildings, both in friable applications (materials which can be easily crumbled such as pipe and tank insulation, sprayed-on fireproofing and acoustic and texture coat applications) and in non-friable manufactured products such as floor tile, fire-rated ceiling tile, gaskets, cement board, cement pipe, drywall joint compound and so on. Plaster applications (walls, ceilings, bulkheads, etc.) may also contain asbestos. The use of asbestos in friable applications was curtailed around the mid-1970s. Most buildings constructed prior to about 1975 contain some form of friable construction material with an asbestos content. The use of asbestos in non-friable products has not been banned in Ontario to date and is still being used in some new construction.

In the event of renovations, modifications or demolition, it is possible that friable asbestos-containing materials (such as insulation on piping and sprayed fireproofing in chases, behind walls and above suspended plaster ceilings) may be encountered in locations that are presently inaccessible. Confirmatory testing of any such materials could be undertaken as the need arises or the materials can be assumed to contain asbestos based on findings in adjacent areas.

Information presented in this report is to be provided to:

i) any Board employees who may work in close proximity to, and thereby potentially disturb any asbestos-containing materials;

ii) any prospective contractors bidding on, or undertaking any work with the potential to disturb asbestos-containing material; and

iii) any tenants or lessees of the school facilities, at or adjacent to, the location of the asbestos-containing material.

2.0 ASSESSMENT

During the survey, the technician assesses the condition of all friable materials. Assessment involves the evaluation of a number of factors, including:

- asbestos content;
- physical damage;
- water damage;
- accessibility;
- adjacent activity, vibrations;
- air distribution system (air plenum); and
- friability.

Recommendations for appropriate corrective measures are based on findings of the assessment and consist primarily of either repair or removal (and replacement) of the asbestos-containing materials. Additional items which can be undertaken upon completion of the assessment are prioritization of recommended corrective actions and provision of budget estimates of costs and duration for the remedial work.

Refer to Appendix D for a description of assessment methodology.

2.1 RESULTS

A summary of the recommended corrective actions at Frontenac Public School, including drawings showing the locations of the recommended corrective actions, were forwarded to the Board upon completion of the survey and assessment. These deficiencies have since been rectified by qualified asbestos remediation contractors under the Board's direction.

The Board has an Asbestos Management Program in place, applicable to all facilities known to contain friable asbestos-containing material, with provision for:

i) periodic reassessment of asbestos applications;

ii) notification of all parties who may potentially disturb asbestos-containing materials of its location (maintenance staff, custodians, outside contractors, etc.);

iii) use of prescribed procedures during any work which could involve disturbance of asbestos materials; and

iv) training of staff who could be involved in asbestos-related work (pipe repairs, for example).

3.0 SURVEY

3.1 METHODOLOGY

Site inspections were carried out by DCS staff in May 2000 to determine the locations of friable materials and acoustic tiles in the building. All accessible areas, including spaces above accessible suspended ceilings, were inspected throughout the facility.

Bulk samples of material suspected of containing asbestos were collected by DCS staff during the course of the site inspection and were forwarded to EMSL Analytical Inc. (EMSL), which holds a current Certificate of Accreditation for Bulk Asbestos Fibre Analysis under the National Voluntary Laboratory Accreditation Program (NVLAP). Determination of the locations of asbestos-containing materials were made based on results of bulk sample analysis, and on visual observations and physical characteristics of the applications at each inspection location.

3.2 RESULTS

On the basis of the survey work carried out, we report that asbestos is present in Frontenac Public School in the following applications:

- thermal insulation applied to pipe fittings at various locations throughout the school; and

- texture spray applied to exterior walls around the school (most notably in the vicinity of windows).

Locations of friable asbestos-containing materials are identified on the attached floor plans. Locations of non-friable vinyl flooring and asbestos cement products are identified on the room-by-room summary sheets.

A summary of the results of laboratory analysis of bulk samples is presented in Table 3.1. The laboratory reports are provided in Appendix C. A room-by-room summary of the locations of friable asbestos-containing materials is presented in Appendix B.

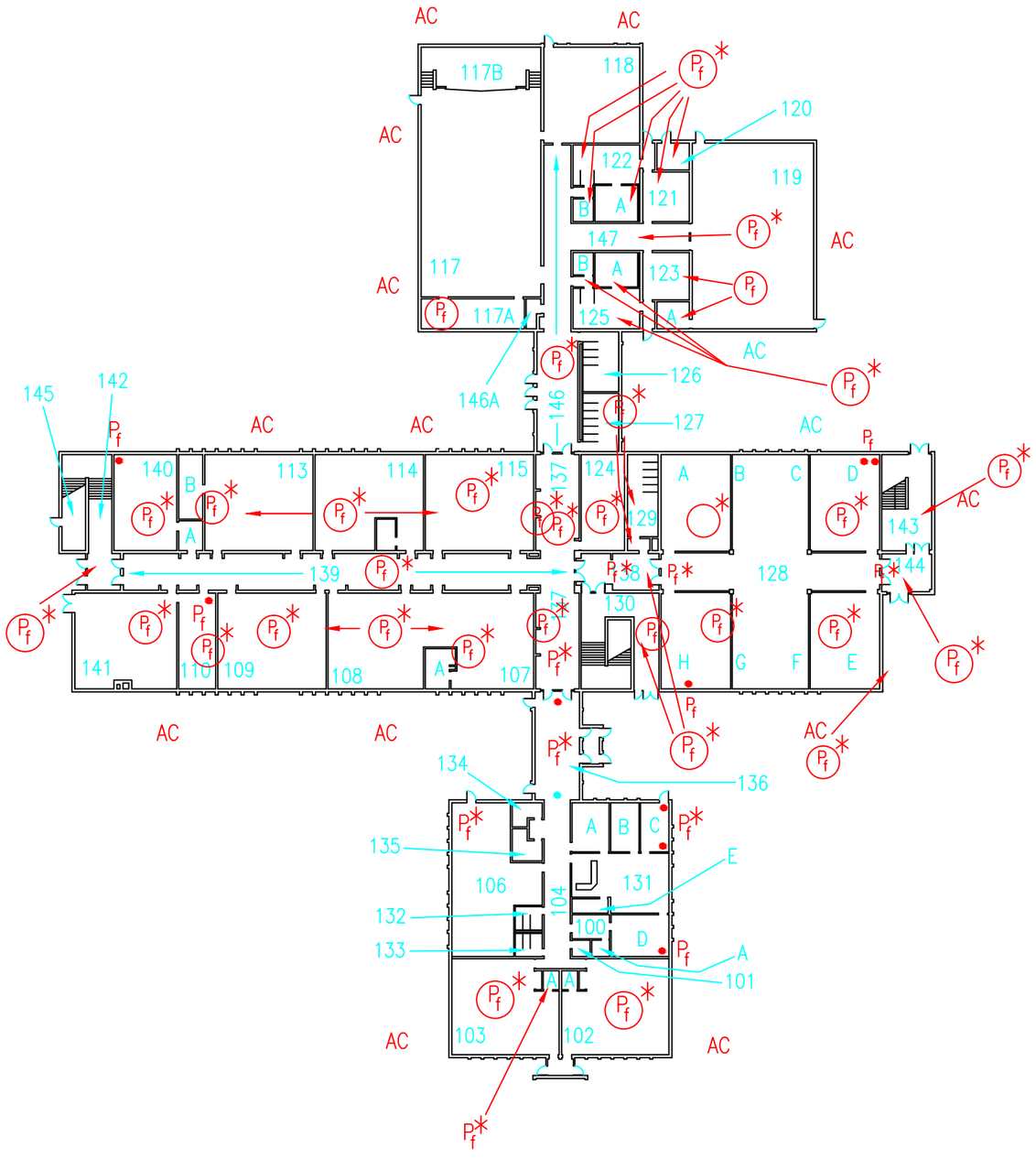
TABLE 3.1

SUMMARY OF LABORATORY ANALYSIS OF BULK SAMPLES
FRONTENAC PUBLIC SCHOOL

SAMPLE Nº	LOCATION	DESCRIPTION	ASBESTOS CONTENT
1	Corridor 139	2' x 4' ceiling tile	None detected
3	Boiler Room 141	Breeching insulation	None detected
4	Boiler Room 141	Domestic water header insulation	None detected
5	Boiler Room 141	Rainwater leader trap insulation	None detected
6	Boiler Room 141	Hot water heating end insulation: 1. yellow layer 2. grey layer	 None detected None detected
7	Exterior wall at Room 145	Wall texture spray	3.1% chrysotile 3.1% anthophyllite
8	Room 207	Hot water heating elbow insulation	67% chrysotile
9	Room 210A	Rainwater leader fitting insulation	17% chrysotile
10	Stairwell 219	2' x 4' ceiling tile	None detected
11	Room 222	Rainwater leader fitting insulation	67% chrysotile
12	Corridor 225	2' x 4' ceiling tile	None detected
13	Mechanical Room 229	Hot water heating elbow insulation	80% chrysotile

APPENDIX A

FLOOR PLANS



NOTE:
Refer to Room-by-Room Data Sheets for specific locations of asbestos cement products.

LEGEND:

1	FUNCTIONAL SPACE
○	THROUGHOUT FUNCTIONAL SPACE
*	ABOVE CEILING ASSEMBLY
Pf	ASBESTOS ON PIPE FITTINGS ONLY (FRIABLE)
AC	ASBESTOS ACOUSTIC SPRAY (FRIABLE)

NOTES:

1.

REVISIONS:

No.	Date:	By:	Revisions

REFERENCE:

1.

DCS
DECOMMISSIONING CONSULTING SERVICES

HALTON DISTRICT SCHOOL BOARD

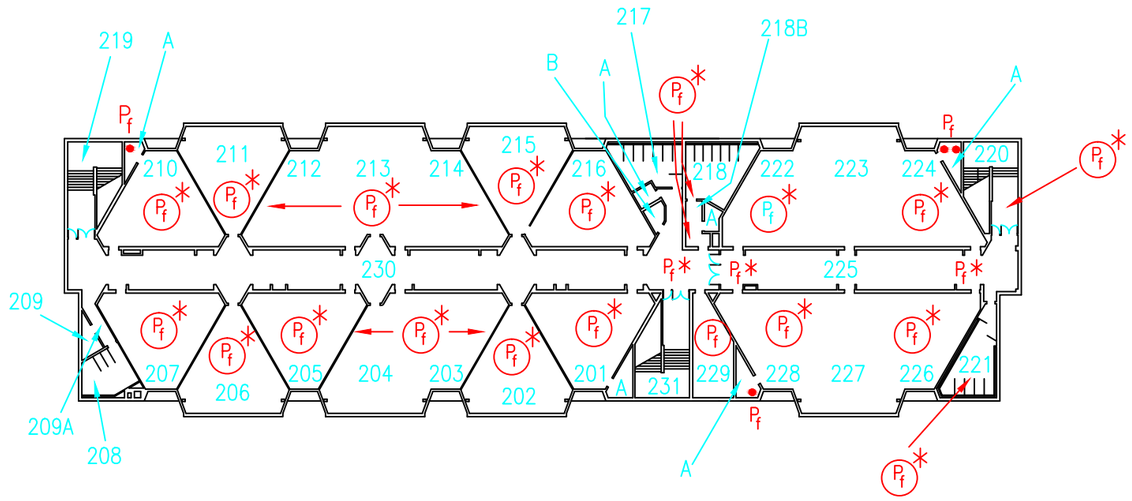
FRONTENAC PUBLIC SCHOOL

LOCATION OF ASBESTOS CONTAINING MATERIALS

FIRST FLOOR

Drawn By: J.B.S.	Approved By: R.A.	Project No: 701931-000
Date: AUGUST 2013	Scale: N.T.S	Drawing No: 701931-000-1

Aug 08, 2013 - 10:03am - USER jjenkins
Z:\701000 Series\701931-000\701931-000 Frontenac PS.dwg



NOTE:
Refer to Room-by-Room Data Sheets for specific locations of asbestos cement products.

LEGEND:

1	FUNCTIONAL SPACE
◯	THROUGHOUT FUNCTIONAL SPACE
*	ABOVE CEILING ASSEMBLY
Pf	ASBESTOS ON PIPE FITTINGS ONLY (FRIABLE)

NOTES:

1.

REVISIONS:

No.	Date:	By:	Revisions

REFERENCE:

1.

DCS
DECOMMISSIONING CONSULTING SERVICES

HALTON DISTRICT SCHOOL BOARD

FRONTENAC PUBLIC SCHOOL

LOCATION OF ASBESTOS CONTAINING MATERIALS

SECOND FLOOR

Drawn By: J.B.S.	Approved By: R.A.	Project No: 701931-000
Date: AUGUST 2013	Scale: N.T.S	Drawing No: 701931-000-2

Aug 06, 2013 - 10:04am - USER: jwatson
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APPENDIX B

BUILDING ASSESSMENT SURVEY
FOR ASBESTOS-CONTAINING MATERIALS

SUMMARY OF BUILDING ASSESSMENT

BUILDING NAME: Frontenac Public School

DATE: 04-May-00 **CONSULTANT:** DCS Ltd

Level	Area	Usage	Notes	Condition	Risk Rating
1	100	Office	No friable asbestos-containing materials observed		
1	100A	Council	Room not accessible		
1	101	Custodial	No friable asbestos-containing materials observed		
1	102	Classroom	Asbestos-containing insulation on pipe fittings above ceiling	Good	3(Low)
1	102A	Washroom	No friable asbestos-containing materials observed		
1	103	Classroom	Asbestos-containing insulation on pipe fittings above ceiling (assumed, based on observations in Room #102)	Good	3(Low)
1	103A	Washroom	Asbestos-containing insulation on pipe fittings above ceiling	Good	3(Low)
1	104	Corridor	No friable asbestos-containing materials observed		
1	107	Library	No friable asbestos-containing materials observed Asbestos cement exterior soffit at window		
1	107A	Office	No friable asbestos-containing materials observed Asbestos cement exterior soffit at window		
1	108	Library	No friable asbestos-containing materials observed Asbestos cement exterior soffit at window		
1	109	Artroom	No friable asbestos-containing materials observed Asbestos cement exterior soffit at window		

SUMMARY OF BUILDING ASSESSMENT

BUILDING NAME: Frontenac Public School

DATE: 04-May-00 **CONSULTANT:** DCS Ltd

Level	Area	Usage	Notes	Condition	Risk Rating
1	110	Custodial	Asbestos-containing insulation on pipe fittings below ceiling Asbestos cement exterior soffit at window	Good	3(Low)
1	113	Shop	No friable asbestos-containing materials observed Asbestos cement exterior soffit at window		
1	113A	Shop	No friable asbestos-containing materials observed		
1	113B	Shop	No friable asbestos-containing materials observed Asbestos cement exterior soffit at window		
1	114	Family Studies	No friable asbestos-containing materials observed Asbestos cement exterior soffit at window		
1	115	Science	No friable asbestos-containing materials observed Asbestos cement exterior soffit at window		
1	117	Gym	No friable asbestos-containing materials observed		
1	117A	Gym Storage	Asbestos-containing insulation on pipe fittings below ceiling	Good	3(Low)
1	117B	Stage	No friable asbestos-containing materials observed		
1	118	Music	No friable asbestos-containing materials observed		
1	119	Gym	No friable asbestos-containing materials observed		
1	119A	Gym Storage	Asbestos-containing insulation on pipe fittings below ceiling	Good	3(Low)
1	120	Mechanical room	Asbestos-containing insulation on pipe fittings below ceiling	Good	3(Low)

SUMMARY OF BUILDING ASSESSMENT

BUILDING NAME: Frontenac Public School

DATE: 04-May-00 **CONSULTANT:** DCS Ltd

Level	Area	Usage	Notes	Condition	Risk Rating
1	121	Gym Storage	Asbestos-containing insulation on pipe fittings below ceiling	Good	3(Low)
1	122 A/B	Storage	Asbestos-containing insulation on pipe fittings above ceiling	Good	3(Low)
1	123	Storage	Asbestos-containing insulation on pipe fittings below ceiling	Good	3(Low)
1	124	Staff Room	Asbestos-containing insulation on pipe fittings above ceiling	Good	3(Low)
1	125 A/B	Storage	Asbestos-containing insulation on pipe fittings above ceiling	Good	3(Low)
1	126	Boy's Washroom	No friable asbestos-containing materials observed		
1	126	Girl's Washroom	No friable asbestos-containing materials observed		
1	128	Corridor	No friable asbestos-containing materials observed		
1	128A	Classroom	No friable asbestos-containing materials observed Inaccessible floor trench Asbestos cement exterior soffit at window		
1	128B	Classroom	No friable asbestos-containing materials observed Inaccessible floor trench Asbestos cement exterior soffit at window		
1	128C	Classroom	No friable asbestos-containing materials observed Inaccessible floor trench Asbestos cement exterior soffit at window		
1	128D	Classroom	No friable asbestos-containing materials observed Inaccessible floor trench Asbestos cement exterior soffit at window		
1	128E	Classroom	No friable asbestos-containing materials observed Inaccessible floor trench Asbestos cement exterior soffit along the two exterior walls		

SUMMARY OF BUILDING ASSESSMENT

BUILDING NAME: Frontenac Public School

DATE: 04-May-00 **CONSULTANT:** DCS Ltd

Level	Area	Usage	Notes	Condition	Risk Rating
1	128F	Classroom	No friable asbestos-containing materials observed Inaccessible floor trench Asbestos cement exterior soffit at window		
1	128G	Classroom	No friable asbestos-containing materials observed Inaccessible floor trench Asbestos cement exterior soffit at window		
1	128H	Classroom	No friable asbestos-containing materials observed Inaccessible floor trench		
1	129	Girl's Washroom	No friable asbestos-containing materials observed		
1	130	Stairwell	Asbestos-containing insulation on pipe fittings above ceiling	Good	3(Low)
1	131	Office	No friable asbestos-containing materials observed		
1	131A	Office	No friable asbestos-containing materials observed		
1	131B	Office	No friable asbestos-containing materials observed		
1	131C	Office	Asbestos-containing insulation on pipe fittings above ceiling	Good	3(Low)
1	131D	Office	Asbestos-containing insulation on pipe fittings above ceiling	Good	3(Low)
1	131E	Office	Room not accessible		
1	132	Ladies Washroom	No friable asbestos-containing materials observed		
1	133	Men's Washroom	No friable asbestos-containing materials observed		

SUMMARY OF BUILDING ASSESSMENT

BUILDING NAME: Frontenac Public School

DATE: 04-May-00 **CONSULTANT:** DCS Ltd

Level	Area	Usage	Notes	Condition	Risk Rating
1	134	Office	No friable asbestos-containing materials observed		
1	135	Office	No friable asbestos-containing materials observed		
1	136	Corridor	Asbestos-containing insulation on pipe fittings above ceiling	Good	3(Low)
1	137	Corridor	Asbestos-containing insulation on pipe fittings above ceiling	Good	3(Low)
1	138	Corridor	Asbestos-containing insulation on pipe fittings above ceiling	Good	3(Low)
1	139	Corridor	Asbestos-containing insulation on pipe fittings above ceiling Asbestos cement board exterior soffit at east exit.	Good	3(Low)
1	140	Mechanical Room	No friable asbestos-containing materials observed		
1	141	Boiler Room	No friable asbestos-containing materials observed Fireproofing reported to be new, non-asbestos		
1	142	Stairwell	No friable asbestos-containing materials observed		
1	143	Stairwell	No friable asbestos-containing materials observed		
1	144	Foyer	Asbestos-containing insulation on pipe fittings above ceiling	Good	3(Low)
1	145	Electrical Vault	Room not accessible		
1	146	Corridor	Asbestos-containing insulation on pipe fittings above ceiling	Good	3(Low)

SUMMARY OF BUILDING ASSESSMENT

BUILDING NAME: Frontenac Public School

DATE: 04-May-00 **CONSULTANT:** DCS Ltd

Level	Area	Usage	Notes	Condition	Risk Rating
1	146A	Custodial	No friable asbestos-containing materials observed		
1	147	Corridor	Asbestos-containing insulation on pipe fittings above ceiling	Good	3(Low)
1		Exterior walls	Asbestos-containing texture spray above windows and on facia around perimeter of building	Poor - Good	2(Moderate)
2	201	Classroom	Asbestos-containing insulation on pipe fittings above ceiling (assumed, based on observations in Room # 206) Asbestos cement exterior soffit at windows	Good	3(Low)
2	201A	Storage	Asbestos-containing material packed around asbestos cement drain pipe.	Good	3(Low)
2	202	Classroom	Asbestos-containing insulation on pipe fittings above ceiling (assumed, based on observations in Room # 206)	Good	3(Low)
2	203	Classroom	Asbestos-containing insulation on pipe fittings above ceiling (assumed, based on observations in Room # 206) Asbestos cement exterior soffit at windows	Good	3(Low)
2	204	Classroom	Asbestos-containing insulation on pipe fittings above ceiling (assumed, based on observations in Room # 206)	Good	3(Low)
2	205	Classroom	Asbestos-containing insulation on pipe fittings above ceiling (assumed, based on observations in Room # 206) Asbestos cement exterior soffit at windows	Good	3(Low)
2	206	Classroom	Asbestos-containing insulation on pipe fittings above ceiling	Good	3(Low)
2	207	Classroom	Asbestos-containing insulation on pipe fittings above ceiling Asbestos cement exterior soffit at window	Good	3(Low)
2	208	Boy's Washroom	No friable asbestos-containing materials observed 0		
2	209	Custodial	No friable asbestos-containing materials observed Asbestos cement drain pipe below ceiling		

SUMMARY OF BUILDING ASSESSMENT

BUILDING NAME: Frontenac Public School

DATE: 04-May-00 **CONSULTANT:** DCS Ltd

Level	Area	Usage	Notes	Condition	Risk Rating
2	209A	Corridor	No friable asbestos-containing materials observed Asbestos cement pipe above ceiling		
2	210	Classroom	Asbestos-containing insulation on pipe fittings above ceiling (assumed, based on observations in Room # 206) Asbestos cement exterior soffit at windows	Good	3(Low)
2	211	Classroom	Asbestos-containing insulation on pipe fittings above ceiling	Good	3(Low)
2	212	Classroom	Asbestos-containing insulation on pipe fittings above ceiling (assumed, based on observations in Room # 206) Asbestos cement exterior soffit at windows	Good	3(Low)
2	213	Classroom	Asbestos-containing insulation on pipe fittings above ceiling (assumed, based on observations in Room # 206)	Good	3(Low)
2	214	Classroom	Asbestos-containing insulation on pipe fittings above ceiling (assumed, based on observations in Room # 206) Asbestos cement exterior soffit at windows	Good	3(Low)
2	215	Classroom	Asbestos-containing insulation on pipe fittings above ceiling	Good	3(Low)
2	216	Classroom	Asbestos-containing insulation on pipe fittings above ceiling (assumed, based on observations in Room # 206)	Good	3(Low)
2	217	Girl's Washroom	No friable asbestos-containing materials observed		
2	217A	Washroom	No friable asbestos-containing materials observed		
2	217B	Washroom	No friable asbestos-containing materials observed		
2	218	Girl's Washroom	Asbestos-containing insulation on pipe fittings above ceiling	Good	3(Low)
2	218A	Custodial	Asbestos-containing insulation on pipe fittings above ceiling (observed from adjacent corridor)	Good	3(Low)

SUMMARY OF BUILDING ASSESSMENT

BUILDING NAME: Frontenac Public School

DATE: 04-May-00 **CONSULTANT:** DCS Ltd

Level	Area	Usage	Notes	Condition	Risk Rating
2	218B	Corridor	No friable asbestos-containing materials observed		
2	219	Stairwell	No friable asbestos-containing materials observed		
2	220	Stairwell	Asbestos-containing insulation on pipe fittings above ceiling	Good	3(Low)
2	221	Boy's Washroom	Asbestos-containing insulation on pipe fittings above ceiling	Good	3(Low)
2	222	Classroom	Asbestos-containing insulation on pipe fittings above ceiling Asbestos cement exterior soffit at window	Good	3(Low)
2	223	Classroom	No friable asbestos-containing materials observed		
2	224	Classroom	Asbestos-containing insulation on pipe fittings above ceiling Asbestos cement exterior soffit at window	Good	3(Low)
2	224A	Storage	Asbestos-containing insulation on pipe fittings below ceiling	Good	3(Low)
2	225	Corridor	Asbestos-containing insulation on pipe fittings above ceiling	Good	3(Low)
2	226	Classroom	Asbestos-containing insulation on pipe fittings above ceiling Asbestos cement exterior soffit at window	Good	3(Low)
2	227	Classroom	No friable asbestos-containing materials observed		
2	228	Classroom	Asbestos-containing insulation on pipe fittings above ceiling Asbestos cement exterior soffit at window	Good	3(Low)
2	228A	Storage	Asbestos-containing insulation on pipe fittings below ceiling	Good	3(Low)
2	229	Mechanical Room			

SUMMARY OF BUILDING ASSESSMENT

BUILDING NAME: Frontenac Public School

DATE: 04-May-00 **CONSULTANT:** DCS Ltd

Level	Area	Usage	Notes	Condition	Risk Rating
			Asbestos-containing insulation on pipe fittings below ceiling	Good	3(Low)
2	230	Corridor	No friable asbestos-containing materials observed		
2	231	Stairwell	No friable asbestos-containing materials observed		

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	100	Office	Physical size (ft)	7	14	8	98

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor V.Tile	Suspect ACM	All	<100 sq ft	non friable	Good	3(Low)
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						
Notes and Comments: No friable asbestos-containing materials observed						

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	100A	Council	Physical size (ft)	7	7	8	49

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor						
Walls						
Ceiling						
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						
Notes and Comments: Room not accessible						

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	101	Custodial	Physical size (ft)	7	7	8	49

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Terrazzo						
Walls Masonry						
Ceiling Plaster	Possible ACM	All	<100 sq ft	non friable	Good	4(No)
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						
Notes and Comments: No friable asbestos-containing materials observed						

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	102	Classroom	Physical size (ft)	32	37	8	1184

Date:	04-May-00	Consultant: DCS Ltd	Consultant Job #: 47229	Inspector:	RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor V.Tile	Suspect ACM	All	>1000 sq ft	non friable	Good	4(No)
Walls Masonry						
Ceiling 12" Metal Tile						
Mechanical (Piping- specify Dia.) Medium (4-6 in) fittings only	50 to 75%C	Above Ceiling	10 to 20 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings above ceiling					Good	3(Low)

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	102A	Washroom	Physical size (ft)	6	6	8	36

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor V.Tile	Suspect ACM	All	<100 sq ft	non friable	Good	3(Low)
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						
Notes and Comments: No friable asbestos-containing materials observed						

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	103	Classroom	**Physical size (ft)**	32	37	8	1184

Date:	04-May-00	**Consultant:** DCS Ltd	**Consultant Job #:** 47229	**Inspector:**	RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor V.Tile						
Walls Masonry						
Ceiling 12" Metal Tile						
Mechanical (Piping- specify Dia.) Medium (4-6 in) fittings only	50 to 75%C	Above Ceiling	10 to 20 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings above ceiling (assumed, based on observations in Room #102)					Good	3(Low)

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	103A	Washroom	Physical size (ft)	6	6	8	36

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor V.Tile	Suspect ACM	All	<100 sq ft	non friable	Good	3(Low)
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.) Small (<4 in) fittings only	50 to 75%C	Above Ceiling	5 to 10 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings above ceiling					Good	3(Low)

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

Functional space identification:	Level	Area	Usage	Physical size (ft)	width	length	height	floor area
	1	104	Corridor		9	55	8	495

Date: 04-May-00 **Consultant:** DCS Ltd **Consultant Job #:** 47229 **Inspector:** RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Terrazzo						
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						

Notes and Comments:

No friable asbestos-containing materials observed

Footnote #1- Good = Intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	107	Library	Physical size (ft)	32	35	8	1120

Date:	04-May-00	Consultant: DCS Ltd	Consultant Job #: 47229	Inspector:	RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Carpet						
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						

Notes and Comments:

No friable asbestos-containing materials observed
Asbestos cement exterior soffit at window

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.
Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	107A	Office	Physical size (ft)	12	12	8	144

Date:	04-May-00	Consultant: DCS Ltd	Consultant Job #: 47229	Inspector:	RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Carpet						
Walls Drywall	Possible ACM	All	100 to 500 sq ft	non friable	Good	4(No)
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						
Notes and Comments: No friable asbestos-containing materials observed Asbestos cement exterior soffit at window						

Footnote #1- Good = Intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	108	Library	Physical size (ft)	32	35	8	1120

Date: 04-May-00	Consultant: DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Carpet						
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						
Notes and Comments: No friable asbestos-containing materials observed Asbestos cement exterior soffit at window						

Footnote #1- Good = Intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	109	Artroom	Physical size (ft)	32	37	8	1184

Date:	04-May-00	Consultant: DCS Ltd	Consultant Job #: 47229	Inspector:	RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor V.Tile	Suspect ACM	All	>1000 sq ft	non friable	Good	3(Low)
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						

Notes and Comments:

No friable asbestos-containing materials observed
Asbestos cement exterior soffit at window

Footnote #1- Good = Intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	110	Custodial	Physical size (ft)	14	32	10	448

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #:	47229	Inspector:	RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Concrete						
Walls Masonry						
Ceiling Open Ceiling						
Mechanical (Piping- specify Dia.) Small (<4 in) fittings only	50 to 75%C	Below ceiling	<5 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings below ceiling Asbestos cement exterior soffit at window					Good	3(Low)

Footnote #1- Good = Intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	113	Shop	Physical size (ft)	32	37	10	1184

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Concrete						
Walls Masonry						
Ceiling Open Ceiling						
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						
Notes and Comments: No friable asbestos-containing materials observed Asbestos cement exterior soffit at window						

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	113A	Shop	Physical size (ft)	9	11	8	99

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor V.Tile	Suspect ACM	All	<100 sq ft	non friable	Good	3(Low)
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						
Notes and Comments: No friable asbestos-containing materials observed						

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	113B	Shop	Physical size (ft)	9	21	10	189

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor V.Tile	Suspect ACM	All	100 to 500 sq ft	non friable	Good	3(Low)
Walls Masonry						
Ceiling Open Ceiling						
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						
Notes and Comments: No friable asbestos-containing materials observed Asbestos cement exterior soffit at window						

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	114	Family Studies	Physical size (ft)	32	37	8	1184

Date: 04-May-00	Consultant: DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor V.Tile	Suspect ACM	All	>1000 sq ft	non friable	Good	3(Low)
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						

Notes and Comments:

No friable asbestos-containing materials observed
Asbestos cement exterior soffit at window

Footnote #1- Good = Intact Fair = minor damage Poor = significant damage.
Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	115	Science	Physical size (ft)	32	37	8	1184

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor V.Tile						
Walls Masonry						
Ceiling T-bar						
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						
Notes and Comments: No friable asbestos-containing materials observed Asbestos cement exterior soffit at window						

Footnote #1- Good = Intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	117	Gym	Physical size (ft)	40	70	25	2800

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Wood						
Walls Masonry						
Ceiling Open Ceiling						
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						
Notes and Comments: No friable asbestos-containing materials observed						

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	117A	Gym Storage	Physical size (ft)	20	40	15	800

Date: 04-May-00	Consultant: DCS Ltd	Consultant Job #: 47229	Inspector: RA

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Concrete						
Walls Masonry						
Ceiling Open Ceiling						
Mechanical (Piping- specify Dia.) Medium (4-6 in) fittings only	50 to 75%C	Below ceiling	5 to 10 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings below ceiling					Good	3(Low)

Footnote #1- Good = Intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

Functional space identification:	Level	Area	Usage	Physical size (ft)	width	length	height	floor area
	1	117B	Stage		16	40	30	640

Date: 04-May-00 | Consultant: DCS Ltd | Consultant Job #: 47229 | Inspector: RA

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Wood/Concrete						
Walls Masonry						
Ceiling Open Ceiling						
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						
Notes and Comments: No friable asbestos-containing materials observed						

Footnote #1- Good = Intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

Functional space identification:	Level	Area	Usage	Physical size (ft)	width	length	height	floor area
	1	118	Music		30	35	9	1050

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #:	47229	Inspector:	RA

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Carpet						
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						
Notes and Comments: No friable asbestos-containing materials observed						

Footnote #1- Good = Intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	119	Gym	Physical size (ft)	40	58	35	2320

Date:	04-May-00	Consultant: DCS Ltd	Consultant Job #: 47229	Inspector:	RA

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor V.Tile	Suspect ACM	All	>1000 sq ft	non friable	Good	3(Low)
Walls Masonry						
Ceiling Open Ceiling						
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						

Notes and Comments:

No friable asbestos-containing materials observed

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	119A	Gym Storage	Physical size (ft)	9	12	9	108

Date: 04-May-00	Consultant: DCS Ltd	Consultant Job #: 47229	Inspector: RA

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Concrete						
Walls Masonry						
Ceiling Open Ceiling						
Mechanical (Piping- specify Dia.)						
Small (<4 in) fittings	50 to 75%C	Below ceiling	<5 pipe fittings	friable	Good	3(Low)
Medium (4-6 in) fittings	50 to 75%C	Below ceiling	<5 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings below ceiling					Good	3(Low)

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	120	Mechanical room	Physical size (ft)	12	12	10	144

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Concrete						
Walls Masonry						
Ceiling Open Ceiling						
Mechanical (Piping- specify Dia.) Medium (4-6 in) fittings only	50 to 75%C	Below ceiling	10 to 20 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings below ceiling					Good	3(Low)

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	121	Gym Storage	Physical size (ft)	16	18	9	288

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Terrazzo						
Walls Masonry						
Ceiling Plaster	Possible ACM	All	100 to 500 sq ft	non friable	Good	4(No)
Mechanical (Piping- specify Dia.) Medium (4-6 in) fittings only	50 to 75%C	Below ceiling	<5 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings below ceiling					Good	3(Low)

Footnote #1- Good = Intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	122 A/B	Storage	Physical size (ft)	23	23	9	529

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Terrazzo						
Walls Masonry						
Ceiling 12" Metal Tile						
Mechanical (Piping- specify Dia.) Medium (4-6 in) fittings only	50 to 75%C	Above Ceiling	10 to 20 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings above ceiling					Good	3(Low)

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	123	Storage	Physical size (ft)	16	18	9	288

Date:	04-May-00	Consultant: DCS Ltd	Consultant Job #: 47229	Inspector:	RA

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Terrazzo						
Walls Masonry						
Ceiling Plaster	Possible ACM	All	100 to 500 sq ft	non friable	Good	4(No)
Mechanical (Piping- specify Dia.) Medium (4-6 in) fittings only	50 to 75%C	Below ceiling	<5 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings below ceiling					Good	3(Low)

Footnote #1- Good = Intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	124	Staff Room	Physical size (ft)	14	32	9	448

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor V.Tile	Suspect ACM	All	100 to 500 sq ft	non friable	Good	3(Low)
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.) Medium (4-6 in) fittings only	50 to 75%C	Above Ceiling	>20 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings above ceiling					Good	3(Low)

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	125 A/B	Storage	Physical size (ft)	23	23	9	529

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Terrazzo						
Walls Masonry						
Ceiling 12" Metal Tile						
Mechanical (Piping- specify Dia.) Medium (4-6 in) fittings only	50 to 75%C	Above Ceiling	10 to 20 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings above ceiling					Good	3(Low)

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	126	Boy's Washroom	Physical size (ft)	14	25	8	350

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Terrazzo						
Walls Masonry						
Ceiling Plaster	Possible ACM	All	100 to 500 sq ft	non friable	Good	4(No)
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						

Notes and Comments:

No friable asbestos-containing materials observed

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	126	Girl's Washroom	Physical size (ft)	14	25	8	350

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Terrazzo						
Walls Masonry						
Ceiling Plaster	Possible ACM	All	100 to 500 sq ft	non friable	Good	4(No)
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						
Notes and Comments: No friable asbestos-containing materials observed						

Footnote #1- Good = Intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

Functional space identification:	Level	Area	Usage	Physical size (ft)	width	length	height	floor area
	1	128	Corridor		14	74	9	1036

Date: 04-May-00 Consultant: DCS Ltd Consultant Job #: 47229 Inspector: RA

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Carpet						
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						

Notes and Comments:

No friable asbestos-containing materials observed

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	128A	Classroom	Physical size (ft)	23	32	9	736

Date:	04-May-00	Consultant: DCS Ltd	Consultant Job #: 47229	Inspector:	RA

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Carpet						
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						

Notes and Comments:

No friable asbestos-containing materials observed
Inaccessible floor trench
Asbestos cement exterior soffit at window

Footnote #1- Good = Intact Fair = minor damage Poor = significant damage.
Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	128B	Classroom	Physical size (ft)	23	32	9	736

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Carpet						
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						
Notes and Comments: No friable asbestos-containing materials observed Inaccessible floor trench Asbestos cement exterior soffit at window						

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	128C	Classroom	Physical size (ft)	23	32	9	736

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Carpet						
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						

Notes and Comments:

No friable asbestos-containing materials observed
Inaccessible floor trench
Asbestos cement exterior soffit at window

Footnote #1- Good = Intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	128D	Classroom	Physical size (ft)	23	32	9	736

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Carpet						
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						
Notes and Comments: No friable asbestos-containing materials observed Inaccessible floor trench Asbestos cement exterior soffit at window						

Footnote #1- Good = Intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	128E	Classroom	Physical size (ft)	23	32	9	736

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Carpet						
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						

Notes and Comments:

No friable asbestos-containing materials observed
Inaccessible floor trench
Asbestos cement exterior soffit along the two exterior walls

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	128F	Classroom	Physical size (ft)	23	32	9	736

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Carpet						
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						
Notes and Comments: No friable asbestos-containing materials observed Inaccessible floor trench Asbestos cement exterior soffit at window						

Footnote #1- Good = Intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	128G	Classroom	Physical size (ft)	23	32	9	736

Date:	04-May-00	Consultant: DCS Ltd	Consultant Job #: 47229	Inspector:	RA

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Carpet						
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						

Notes and Comments:

No friable asbestos-containing materials observed
Inaccessible floor trench
Asbestos cement exterior soffit at window

Footnote #1- Good = Intact Fair = minor damage Poor = significant damage.
Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

Functional space identification:	Level	Area	Usage	Physical size (ft)	width	length	height	floor area
	1	128H	classroom		23	32	9	736

Date: 04-May-00 Consultant: DCS Ltd Consultant Job #: 47229 Inspector: RA

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Fln #1)	Risk Rating (see Fln #2)
Floor Carpet						
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						
Notes and Comments: No friable asbestos-containing materials observed Inaccessible floor trench						

Footnote #1- Good = Intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

Functional space identification:	Level	Area	Usage	Physical size (ft)	width	length	height	floor area
	1	129	Girl's Washroom		12	32	9	384

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #:	47229	Inspector:	RA

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Terrazzo						
Walls Masonry						
Ceiling Plaster	Possible ACM	All	100 to 500 sq ft	non friable	Good	4(No)
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						

Notes and Comments:

No friable asbestos-containing materials observed

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	130	Stairwell	Physical size (ft)	23	32	9	736

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Terrazzo						
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.) Medium (4-6 in) fittings only	50 to 75%C	Above Ceiling	5 to 10 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings above ceiling					Good	3(Low)

Footnote #1- Good = Intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	131	Office	Physical size (ft)	21	32	8	672

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Carpet						
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						
Notes and Comments: No friable asbestos-containing materials observed						

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	131A	Office	Physical size (ft)	12	16	8	192

Date: 04-May-00	Consultant: DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Carpet						
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						
Notes and Comments: No friable asbestos-containing materials observed						

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	131B	Office	Physical size (ft)	11	16	8	176

Date: 04-May-00	Consultant: DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Carpet						
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						
Notes and Comments: No friable asbestos-containing materials observed						

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	131C	Office	Physical size (ft)	11	16	8	176

Date: 04-May-00	Consultant: DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Carpet						
Walls Masonry						
Ceiling T-bar						
Mechanical (Piping- specify Dia.) Medium (4-6 in) fittings only	50 to 75%C	Above Ceiling	<5 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings above ceiling					Good	3(Low)

Footnote #1- Good = Intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	131D	Office	Physical size (ft)	14	21	8	294

Date: 04-May-00	Consultant: DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Carpet						
Walls Masonry						
Ceiling T-bar						
Mechanical (Piping- specify Dia.) Small (<4 in) fittings only	50 to 75%C	Above Ceiling	<5 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings above ceiling					Good	3(Low)

Footnote #1- Good = Intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	131E	Office	Physical size (ft)	6	14	8	84

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor						
Walls						
Ceiling						
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						
Notes and Comments: Room not accessible						

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

Functional space identification:	Level	Area	Usage	Physical size (ft)	width	length	height	floor area
	1	132	Ladies Washroom		8	9	8	72

Date: 04-May-00 | Consultant: DCS Ltd | Consultant Job #: 47229 | Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor V.Tile	Suspect ACM	All	<100 sq ft	non friable	Good	3(Low)
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						

Notes and Comments:

No friable asbestos-containing materials observed

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

Functional space identification:	Level	Area	Usage	Physical size (ft)	width	length	height	floor area
	1	133	Men's Washroom		8	9	8	72

Date: 04-May-00 **Consultant:** DCS Ltd **Consultant Job #:** 47229 **Inspector:** RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor V.Tile	Suspect ACM	All	<100 sq ft	non friable	Good	3(Low)
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						

Notes and Comments:

No friable asbestos-containing materials observed

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	134	Office	Physical size (ft)	10	12	8	120

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor V.Tile	Suspect ACM	All	100 to 500 sq ft	non friable	Good	3(Low)
Walls Drywall	Possible ACM	All	100 to 500 sq ft	non friable	Good	4(No)
Ceiling						
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						

Notes and Comments:

No friable asbestos-containing materials observed

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	135	Office	Physical size (ft)	10	12	8	120

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor V.Tile	Suspect ACM	All	100 to 500 sq ft	non friable	Good	3(Low)
Walls Drywall	Possible ACM	All	100 to 500 sq ft	non friable	Good	4(No)
Ceiling						
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						

Notes and Comments:

No friable asbestos-containing materials observed

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	136	Corridor	**Physical size (ft)**	16	35	8	560

Date: 04-May-00 **Consultant:** DCS Ltd **Consultant Job #:** 47229 **Inspector:** RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Terrazzo						
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.) Medium (4-6 in) fittings only	50 to 75%C	Above Ceiling	10 to 20 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings above ceiling					Good	3(Low)

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	137	Corridor	Physical size (ft)	16	76	8	1216

Date:	04-May-00	Consultant: DCS Ltd	Consultant Job #: 47229	Inspector:	RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Terrazzo						
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.) Medium (4-6 in) / Large (>8 in.) fitti	50 to 75%C	Above Ceiling	>20 pipe fittings each	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings above ceiling					Good	3(Low)

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	138	Corridor	Physical size (ft)	11	28	9	308

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Terrazzo						
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.) Medium (4-6 in)/Large (>8 in) fititn	50 to 75%C	Above Ceiling	10 to 20 pipe fittings each	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings above ceiling					Good	3(Low)

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

Functional space identification:	Level	Area	Usage	Physical size (ft)	width	length	height	floor area
	1	139	Corridor		14	150	8	2100

Date: 04-May-00 | Consultant: DCS Ltd | Consultant Job #: 47229 | Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor						
Terrazzo						
Walls						
Masonry						
Ceiling						
T-bar	None Detected					
Mechanical (Piping- specify Dia.)						
Small (<4 in) fittings	50 to 75%C	Above Ceiling	10 to 20 pipe fittings	friable	Good	3(Low)
Medium (4-6 in) fittings	50 to 75%C	Above Ceiling	10 to 20 pipe fittings	friable	Good	3(Low)
Large (>8 in) fittings	50 to 75%C	Above Ceiling	5 to 10 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments:						
Asbestos-containing insulation on pipe fittings above ceiling Asbestos cement board exterior soffit at east exit.					Good	3(Low)

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	140	Mechanical Room	Physical size (ft)	21	32	10	672

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Concrete						
Walls Masonry						
Ceiling Open Ceiling						
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						
Notes and Comments: No friable asbestos-containing materials observed						

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	141	Boiler Room	Physical size (ft)	32	35	12	1120

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Concrete						
Walls Masonry						
Ceiling Open Ceiling						
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed) Fibrous	None Detected					
Other						
Notes and Comments: No friable asbestos-containing materials observed Fireproofing reported to be new, non-asbestos						

Footnote #1- Good = Intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	142	Stairwell	Physical size (ft)	10	21	8	210

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Terrazzo						
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						
Notes and Comments: No friable asbestos-containing materials observed						

Footnote #1- Good = Intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	143	Stairwell	Physical size (ft)	18	30	9	540

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Terrazzo						
Walls Masonry						
Ceiling T-bar/Concrete	None Detected					
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						
Notes and Comments: No friable asbestos-containing materials observed						

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	144	Foyer	Physical size (ft)	11	18	9	198

Date:	04-May-00	Consultant: DCS Ltd	Consultant Job #: 47229	Inspector:	RA

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Terrazzo						
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.) Medium (4-6 in) fittings only	50 to 75%C	Above Ceiling	<5 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings above ceiling					Good	3(Low)

Footnote #1- Good = Intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	145	Electrical Vault	Physical size (ft)	9	20		180

Date: 04-May-00 Consultant: DCS Ltd Consultant Job #: 47229 Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor						
Walls						
Ceiling						
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						
Notes and Comments: Room not accessible						

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	146	Corridor	Physical size (ft)	14	100	9	1400

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Terrazzo						
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.) Medium (4-6 in)/Large (>8 in) fittin	50 to 75%C	Above Ceiling	>20 pipe fittings each	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings above ceiling					Good	3(Low)

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	146A	Custodial	Physical size (ft)	5	5	9	25

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Terrazzo						
Walls Masonry						
Ceiling Plaster	Possible ACM	All	<100 sq ft	non friable	Good	4(No)
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						
Notes and Comments: No friable asbestos-containing materials observed						

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	147	Corridor	Physical size (ft)	9	40	9	360

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Fln #1)	Risk Rating (see Fln #2)
Floor Terrazzo						
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.) Medium (4-6 in) fittings only	50 to 75%C	Above Ceiling	>20 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings above ceiling					Good	3(Low)

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1		Exterior walls	Physical size (ft)				

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor						
Walls Texture Spray	1 to 5% C & A	Above Windows & Facia		friable	Poor Good	2(Moderate)
Ceiling						
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing texture spray above windows and on facia around perimeter of building					Poor - Good	2(Moderate)

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	2	201	Classroom	Physical size (ft)	28	35	9	940

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Carpet						
Walls Masonry Partitions						
Ceiling 12" Metal Tile						
Mechanical (Piping- specify Dia.) Medium (4-6 in) fittings only	50 to 75%C	Above Ceiling	10 to 20 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings above ceiling (assumed, based on observations in Room # 206) Asbestos cement exterior soffit at windows					Good	3(Low)

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	2	201A	Storage	Physical size (ft)	6	6	8	36

Date: 04-May-00	Consultant: DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS		

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Concrete						
Walls Masonry						
Ceiling 12" Metal Tile						
Mechanical (Piping- specify Dia.) Large (>8 in) fittings only	5 to 25%C	Below ceiling	<5 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing material packed around asbestos cement drain pipe.					Good	3(Low)

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	2	202	Classroom	Physical size (ft)	28	35	9	940

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Carpet						
Walls Masonry Partitions						
Ceiling 12" Metal Tile						
Mechanical (Piping- specify Dia.) Medium (4-6 in) fittings only	50 to 75%C	Above Ceiling	10 to 20 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings above ceiling (assumed, based on observations in Room # 206)					Good	3(Low)

Footnote #1- Good = Intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	2	203	Classroom	Physical size (ft)	28	35	9	940

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Carpet						
Walls Masonry Partitions						
Ceiling 12" Metal Tile						
Mechanical (Piping- specify Dia.) Medium (4-6 in) fittings only	50 to 75%C	Above Ceiling	10 to 20 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings above ceiling (assumed, based on observations in Room # 206) Asbestos cement exterior soffit at windows					Good	3(Low)

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

Functional space identification:	Level	Area	Usage		width	length	height	floor area
	2	204	Classroom	Physical size (ft)	28	35	9	940

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #:	47229	Inspector:	RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Carpet						
Walls Masonry Partitions						
Ceiling 12" Metal Tile						
Mechanical (Piping- specify Dia.) Medium (4-6 in) fittings only	50 to 75%C	Above Ceiling	10 to 20 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings above ceiling (assumed, based on observations in Room # 206)					Good	3(Low)

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

Functional space identification:	Level	Area	Usage	Physical size (ft)	width	length	height	floor area
	2	205	Classroom		28	35	9	940

Date: 04-May-00 | Consultant: DCS Ltd | Consultant Job #: 47229 | Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Carpet						
Walls Masonry Partitions						
Ceiling 12" Metal Tile						
Mechanical (Piping- specify Dia.) Medium (4-6 in) fittings only	50 to 75%C	Above Ceiling	10 to 20 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings above ceiling (assumed, based on observations in Room # 206) Asbestos cement exterior soffit at windows					Good	3(Low)

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	2	206	Classroom	Physical size (ft)	28	35	9	980

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Carpet						
Walls Masonry Partitions						
Ceiling 12" Metal Tiles						
Mechanical (Piping- specify Dia.) Medium (4-6 in) fittings only	50 to 75%C	Above Ceiling	10 to 20 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings above ceiling					Good	3(Low)

Footnote #1- Good = Intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	2	207	Classroom	Physical size (ft)	28	35	9	980

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Carpet						
Walls Masonry Partitions						
Ceiling 12" Metal Tiles						
Mechanical (Piping- specify Dia.) Medium (4-6 in) fittings only	50 to 75%C	Above Ceiling	10 to 20 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings above ceiling Asbestos cement exterior soffit at window					Good	3(Low)

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	2	208	Boy's Washroom	Physical size (ft)	16	16	8	256

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Terrazzo						
Walls Masonry						
Ceiling Plaster	Possible ACM	All	100 to 500 sq ft	non friable	Good	4(No)
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						

Notes and Comments:

No friable asbestos-containing materials observed

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	2	209	Custodial	**Physical size (ft)**	8	8	8	64

Date:	04-May-00	**Consultant:** DCS Ltd	**Consultant Job #:** 47229	**Inspector:**	RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Terrazzo						
Walls Masonry						
Ceiling Plaster	Possible ACM	All	<100 sq ft	non friable	Good	4(No)
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						

Notes and Comments:

No friable asbestos-containing materials observed
Asbestos cement drain pipe below ceiling

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	2	209A	Corridor	Physical size (ft)	6	12	8	72

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Terrazzo						
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						
Notes and Comments: No friable asbestos-containing materials observed Asbestos cement pipe above ceiling						

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	2	210	Classroom	Physical size (ft)	28	35	9	940

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Carpet						
Walls Masonry Partitions						
Ceiling 12" Metal Tile						
Mechanical (Piping- specify Dia.) Medium (4-6 in) fittings only	50 to 75%C	Above Ceiling	10 to 20 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings above ceiling (assumed, based on observations in Room # 206) Asbestos cement exterior soffit at windows					Good	3(Low)

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

Functional space identification:	Level	Area	Usage	Physical size (ft)	width	length	height	floor area
	2	211	Classroom		28	35	9	980

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #:	47229	Inspector:	RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Carpet						
Walls Masonry Partitions						
Ceiling 12" Metal Tiles						
Mechanical (Piping- specify Dia.) Medium (4-6 in) fittings only	50 to 75%C	Above Ceiling	10 to 20 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings above ceiling					Good	3(Low)

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	2	212	Classroom	Physical size (ft)	28	35	9	940

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Carpet						
Walls Masonry Partitions						
Ceiling 12" Metal Tile						
Mechanical (Piping- specify Dia.) Medium (4-6 in) fittings only	50 to 75%C	Above Ceiling	10 to 20 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings above ceiling (assumed, based on observations in Room # 206) Asbestos cement exterior soffit at windows					Good	3(Low)

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	2	213	Classroom	Physical size (ft)	28	35	9	940

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Carpet						
Walls Masonry Partitions						
Ceiling 12" Metal Tile						
Mechanical (Piping- specify Dia.) Medium (4-6 in) fittings only	50 to 75%C	Above Ceiling	10 to 20 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings above ceiling (assumed, based on observations in Room # 206)					Good	3(Low)

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

Functional space identification:	Level	Area	Usage	Physical size (ft)	width	length	height	floor area
	2	214	Classroom		28	35	9	940

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #:	47229	Inspector:	RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Carpet						
Walls Masonry Partitions						
Ceiling 12" Metal Tile						
Mechanical (Piping- specify Dia.) Medium (4-6 in) fittings only	50 to 75%C	Above Ceiling	10 to 20 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings above ceiling (assumed, based on observations in Room # 206) Asbestos cement exterior soffit at windows					Good	3(Low)

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	2	215	Classroom	Physical size (ft)	28	35	9	980

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Carpet						
Walls Masonry Partitions						
Ceiling 12" Metal Tiles						
Mechanical (Piping- specify Dia.) Medium (4-6 in) fittings only	50 to 75%C	Above Ceiling	10 to 20 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings above ceiling					Good	3(Low)

Footnote #1- Good = Intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	2	216	Classroom	Physical size (ft)	28	35	9	940

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Carpet						
Walls Masonry Partitions						
Ceiling 12" Metal Tile						
Mechanical (Piping- specify Dia.) Medium (4-6 in) fittings only	50 to 75%C	Above Ceiling	10 to 20 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings above ceiling (assumed, based on observations in Room # 206)					Good	3(Low)

Footnote #1- Good = Intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	2	217	Girl's Washroom	Physical size (ft)	12	23	8	276

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Terrazzo						
Walls Masonry						
Ceiling Plaster	Possible ACM	All	100 to 500 sq ft	non friable	Good	4(No)
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						
Notes and Comments: No friable asbestos-containing materials observed						

Footnote #1- Good = Intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	2	217A	Washroom	Physical size (ft)	6	6	8	36

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Terrazzo						
Walls Masonry						
Ceiling Plaster	Possible ACM	All	<100 sq ft	non friable	Good	4(No)
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						

Notes and Comments:

No friable asbestos-containing materials observed

Footnote #1- Good = Intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	2	217B	Washroom	Physical size (ft)	6	6	8	36

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Terrazzo						
Walls Masonry						
Ceiling Plaster	Possible ACM	All	<100 sq ft	non friable	Good	4(No)
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						
Notes and Comments: No friable asbestos-containing materials observed						

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	2	218	Girl's Washroom	Physical size (ft)	12	23	8	276

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Terrazzo						
Walls Masonry						
Ceiling Plaster	Possible ACM	All	100 to 500 sq ft	non friable	Good	4(No)
Mechanical (Piping- specify Dia.) Small (<4 in) fittings only	>75%C	Above Ceiling	5 to 10 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings above ceiling					Good	3(Low)

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	2	218B	Corridor	Physical size (ft)	6	12	8	72

Date:	04-May-00	Consultant: DCS Ltd	Consultant Job #: 47229	Inspector:	RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor V.Tile	Suspect ACM	All	<100 sq ft	non friable	Good	3(Low)
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						
Notes and Comments: No friable asbestos-containing materials observed						

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	2	219	Stairwell	Physical size (ft)	20	28	9	560

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor V.Tile	Suspect ACM	All	500 to 1000 sq ft	non friable	Good	3(Low)
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						
Notes and Comments: No friable asbestos-containing materials observed						

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	2	220	Stairwell	Physical size (ft)	20	28	9	560

Date:	04-May-00	Consultant: DCS Ltd	Consultant Job #: 47229	Inspector:	RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor V.Tile	Suspect ACM	All	500 to 1000 sq ft	non friable	Good	3(Low)
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.) Small (<4 in) fittings only	>75%C	Above Ceiling	<5 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings above ceiling					Good	3(Low)

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	2	221	Boy's Washroom	Physical size (ft)	19	32	8	608

Date:	04-May-00	Consultant: DCS Ltd	Consultant Job #: 47229	Inspector:	RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Terrazzo						
Walls Masonry						
Ceiling Plaster	Possible ACM	All	500 to 1000 sq ft	non friable	Good	4(No)
Mechanical (Piping- specify Dia.) Small (<4 in) fittings only	>75%C	Above Ceiling	10 to 20 pipe fittings	non friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings above ceiling					Good	3(Low)

Footnote #1- Good = Intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	2	222	Classroom	Physical size (ft)	21	28	8	588

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Carpet						
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.) Small (<4 in) fittings Large (>8 in) fittings	 >75%C 50 to 75%C	 Above Ceiling Above Ceiling	 5 to 10 pipe fittings <5 pipe fittings	 friable friable	 Good Good	 3(Low) 3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings above ceiling Asbestos cement exterior soffit at window					Good	3(Low)

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

Functional space identification:	Level	Area	Usage
	2	223	Classroom

Physical size (ft)	width	length	height	floor area
	21	28	8	588

Date: 04-May-00 | Consultant: DCS Ltd | Consultant Job #: 47229 | Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Carpet						
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						

Notes and Comments:

No friable asbestos-containing materials observed

Footnote #1- Good = Intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	2	224	Classroom	Physical size (ft)	21	28	8	588

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Carpet						
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.)						
Small (<4 in) fittings	>75%C	Above Ceiling	10 to 20 pipe fittings	friable	Good	3(Low)
Large (>8 in) fittings	50 to 75%C	Above Ceiling	<5 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings above ceiling Asbestos cement exterior soffit at window					Good	3(Low)

Footnote #1- Good = Intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	2	224A	Storage	Physical size (ft)	6	8	12	48

Date:	04-May-00	Consultant: DCS Ltd	Consultant Job #: 47229	Inspector:	RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor						
V.Tile	Suspect ACM	All	<100 sq ft	non friable	Good	3(Low)
Walls						
Masonry						
Ceiling						
Open Ceiling						
Mechanical (Piping- specify Dia.)						
Small (<4 in) fittings only	>75%C	Below ceiling	<5 pipe fittings	friable	Good	3(Low)
Large (>8 in) fittings only	50 to 75%C	Below ceiling	<5 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments:						
Asbestos-containing insulation on pipe fittings below ceiling					Good	3(Low)

Footnote #1- Good = Intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: **Frontenac Public School**

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	2	225	Corridor	Physical size (ft)	14	100	8	1400

Date:	04-May-00	Consultant: DCS Ltd	Consultant Job #: 47229	Inspector:	RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor V.Tile	Suspect ACM	All	>1000 sq ft	non friable	Good	3(Low)
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.) Small (<4 in) fittings only Medium (4-6 in) fittings only	 >75%C >75%C	 Above Ceiling Above Ceiling	 5 to 10 pipe fittings 10 to 20 pipe fittings	 friable friable	 Good Good	 3(Low) 3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings above ceiling					Good	3(Low)

Footnote #1- Good = Intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	2	226	Classroom	Physical size (ft)	21	28	8	588

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Carpet						
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.) Small (<4 in) fittings only Large (>8 in) fittings only	 >75%C 50 to 75%C	 Above Ceiling Above Ceiling	 10 to 20 pipe fittings <5 pipe fittings	 friable friable	 Good Good	 3(Low) 3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings above ceiling Asbestos cement exterior soffit at window					Good	3(Low)

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	1	227	Classroom	Physical size (ft)	21	28	8	588

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Carpet						
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						
Notes and Comments: No friable asbestos-containing materials observed						

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

Functional space identification:	Level	Area	Usage	Physical size (ft)	width	length	height	floor area
	2	228	Classroom		21	28	8	588

Date: 04-May-00 **Consultant:** DCS Ltd **Consultant Job #:** 47229 **Inspector:** RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor Carpet						
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.) Small (<4 in) fittings only Large (>8 in) fittings only	 >75%C 50 to 75%C	 Above Ceiling Above Ceiling	 <5 pipe fittings <5 pipe fittings	 friable friable	 Good Good	 3(Low) 3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings above ceiling Asbestos cement exterior soffit at window					Good	3(Low)

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	2	228A	Storage	Physical size (ft)	6	8	12	48

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #:	47229	Inspector:	RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor V.Tile						
Walls Masonry						
Ceiling Open Ceiling						
Mechanical (Piping- specify Dia.) Small (<4 in) fittings only	>75%C	Below ceiling	<5 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings below ceiling					Good	3(Low)

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	2	229	Mechanical Room	Physical size (ft)	14	32	10	448

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor V.Tile	Suspect ACM	All	100 to 500 sq ft	non friable	Good	3(Low)
Walls Masonry						
Ceiling 12" Metal Tile						
Mechanical (Piping- specify Dia.) Medium (4-6 in) fittings only	>75%C	Below ceiling	10 to 20 pipe fittings	friable	Good	3(Low)
Fireproofing (Sprayed)						
Other						
Notes and Comments: Asbestos-containing insulation on pipe fittings below ceiling					Good	3(Low)

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

	Level	Area	Usage		width	length	height	floor area
Functional space identification:	2	230	Corridor	Physical size (ft)	14	190	8	2660

Date:	04-May-00	Consultant:	DCS Ltd	Consultant Job #: 47229	Inspector: RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor V.Tile	Suspect ACM	All	>1000 sq ft	non friable	Good	3(Low)
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						
Notes and Comments: No friable asbestos-containing materials observed						

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

BUILDING ASSESSMENT SURVEY FOR ASBESTOS CONTAINING MATERIALS

BUILDING NAME: Frontenac Public School

Functional space identification:	Level	Area	Usage	Physical size (ft)	width	length	height	floor area
	2	231	Stairwell		20	28	9	560

Date: 04-May-00 **Consultant:** DCS Ltd **Consultant Job #:** 47229 **Inspector:** RA/PS

Component Of the Room Assembly	Asbestos Content	Location Within Space	Description c/w Quantity (ft, sq ft, qty)	Friable or Non-Friable	Condition (see Ftn #1)	Risk Rating (see Ftn #2)
Floor V.Tile	Suspect ACM	All	500 to 1000 sq ft	non friable	Good	3(Low)
Walls Masonry						
Ceiling T-bar	None Detected					
Mechanical (Piping- specify Dia.)						
Fireproofing (Sprayed)						
Other						
Notes and Comments: No friable asbestos-containing materials observed					Good	3(Low)

Footnote #1- Good = intact Fair = minor damage Poor = significant damage.

Footnote #2-High Potential = (1) Moderate Potential = (2) Low Potential = (3) No Risk, Review Prior to Renovation = (4)

APPENDIX C

LABORATORY REPORTS

EMSL ANALYTICAL INC.

EMSL Analytical, Inc.

440 Lawrence Bell Dr.
Buffalo, NY 14221
Phone: (716) 631-5887 Fax: (716) 631-7693

Attn.: Rein Andre
Decommissioning Consulting Services Limited
121 Granton Dr
Unit 11
Richmond Hill, ONT L4B 3N4

Friday, May 19, 2000

Ref Number: BU001710

POLARIZED LIGHT MICROSCOPY (PLM) - POINT COUNT

Performed by EPA 600/R-93/116 Method*

Project: 47229 / Frontenac P.S.

Sample	Location	Appearance	Sample Treatment	ASBESTOS % Type	NON-ASBESTOS % Fibrous	% Non-Fibrou
1	corridor 139-2'x4' CT	Grey Fibrous Homogeneous	Teased	None Detected	30.% Cellulose 20.% Min. Wool	50.% Matrix
3	boiler room 141-breeching insulation	White Fibrous Homogeneous	Teased	None Detected	5.% Cellulose	95.% Matrix
4	boiler room 141-domestic water header insulation	Grey/Yellow Fibrous Heterogeneous	Teased	None Detected	20.% Cellulose 10.% Min. Wool	70.% Matrix
5	boiler room 141-rainwater leader trap insulation	Grey Fibrous Homogeneous	Teased	None Detected	20.% Cellulose 10.% Min. Wool	70.% Matrix
6	boiler room 141-hot water tank end insulation	Yellow Fibrous Layers # 1	Teased	None Detected	100.% Min. Wool	
6	boiler room 141-hot water tank end insulation	Grey Fibrous Layers # 2	Teased	None Detected	20.% Cellulose 20.% Min. Wool	60.% Matrix

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

NY samples analyzed by ELAP 198.1 Method.

Note: Analytical Sensitivity is < 0.5% Asbestos

Rhonda Scherer
Analyst

Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as <1% or none detected be tested with either SEM or TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL Buffalo (NVLAP Air and Bulk #200536, NYSDOH ELAP# 11666)

EMSL Analytical, Inc.

440 Lawrence Bell Dr.
Buffalo, NY 14221
Phone: (716) 631-5887 Fax: (716) 631-7693

Attn.: Rein Andre

Decommissioning Consulting Services Limited
121 Granton Dr
Unit 11
Richmond Hill, ONT L4B 3N4

Friday, May 19, 2000

Ref Number: BU001710

POLARIZED LIGHT MICROSCOPY (PLM) - POINT COUNT

Performed by EPA 600/R-93/116 Method*

Project: 47229 / Frontenac P.S.

Sample	Location	Appearance	Sample Treatment	ASBESTOS % Type	NON-ASBESTOS % Fibrous	% Non-Fibrou
7	exterior wall @ 145-texture coat	Grey Fibrous Homogeneous	Ashed/Dissolved	3.1% Chrysotile 3.1% Anthophylite		93.8% Matrix
8	room 207-hot water heating pipe elbow insulation	Grey Fibrous Homogeneous	Teased	67.% Chrysotile		33.% Matrix
9	room 210A-rainwater leader fitting insulation	Grey Fibrous Homogeneous	Teased	17.% Chrysotile		83.% Matrix
10	stairwell 219-2'x4' CT	Grey Fibrous Homogeneous	Teased	None Detected	30.% Cellulose 20.% Min. Wool	50.% Matrix
11	room 222-rainwater leader fitting insulation	Grey Fibrous Homogeneous	Teased	67.% Chrysotile		33.% Matrix
12	corridor 225-2'x4' CT	Grey Fibrous Homogeneous	Teased	None Detected	10.% Cellulose 30.% Min. Wool	60.% Matrix

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

NY samples analyzed by ELAP 198.1 Method.

Note: Analytical Sensitivity is < 0.5% Asbestos

Rhonda Scherer
Analyst

Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as <1% or none detected be tested with either SEM or TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL Buffalo (NVLAP Air and Bulk #200030, NYSDOH ELAP# 11666)

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121 Granton Dr
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Richmond Hill, ONT L4B 3N4

Friday, May 19, 2000

Ref Number: BU001710

POLARIZED LIGHT MICROSCOPY (PLM) - POINT COUNT

Performed by EPA 600/R-93/116 Method*

Project: 47229 / Frontenac P.S.

Sample	Location	Appearance	Sample Treatment	ASBESTOS %	ASBESTOS Type	NON-ASBESTOS %	NON-ASBESTOS Fibrous	NON-ASBESTOS %	NON-ASBESTOS Non-Fibrou
13	mechanical room 229-hot water heating pipe elbow insulation	Grey Fibrous Homogeneous	Teased	80.%	Chrysotile			20.%	Matrix

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

NY samples analyzed by ELAP 198.1 Method.

Note: Analytical Sensitivity is < 0.5% Asbestos

Rhonda Scherer
Analyst

Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as <1% or none detected be tested with either SEM or TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL Buffalo (NVLAP Air and Bulk #200036, NYSDOH ELAP# 11666)

APPENDIX D

ASSESSMENT METHODOLOGY

APPENDIX D

ASSESSMENT METHODOLOGY

An assessment of the condition of asbestos-containing building materials involves the evaluation by the technician of a number of factors including:

1. **GENERAL CONDITION:** The condition of the asbestos-containing materials may indicate the possibility of fibres being released to the area and the potential for future fibre release. An assessment of the condition of the material depends upon a combination of the quality of the installation, adhesion of the material to the underlying substrate, cohesion of the material to itself, deterioration, vandalism and/or damage.

Good:	No damage
Fair:	Minor damage
Poor:	Major damage with fallen debris

2. **WATER DAMAGE:** Water can dislodge, delaminate and disturb friable asbestos materials that are otherwise in good condition. Note that damage may not be obvious but delayed, massive failure can occur due to added water weight, delamination of application from substrate and a breaking down of material binding compounds. Also, water can carry fibres as a slurry to other areas where evaporation will leave a collection of fibres that can become re-entrained (re-suspended) in air. **Presence of water damage is noted as Yes or No.**

3. **ACCESSIBILITY:** If the asbestos material can be reached, it is accessible and subject to accidental or intentional contact and damage. Material which is accessible is most likely to be disturbed in the future either by accident or intentionally and, therefore, this factor is one of the most important indicators of exposure potential. The proximity of the friable material to heating, ventilation, lighting and plumbing systems requiring maintenance or repair also indicates accessibility.

Easy access: less than nine feet high in public and high traffic areas.

Limited access: above nine feet high or low traffic areas.

Restricted access: areas secured and normally serving maintenance and custodial staff.

No access: behind mechanical barriers such as ceiling systems, gypsum board, bulkheads, etc., except at hatches or entrance points.

In schools, the behaviour of the student population should be considered in evaluation of accessibility. For example, students involved in sport activities may accidentally cause damage to the material on the walls and ceilings of gymnasiums. Material that is easily accessible is also subject to damage by vandalism. The presence of damage is the most obvious indicator for accessibility.

4. ACTIVITIES/MOVEMENT (CONTACT, AIR MOVEMENT, VIBRATION): This factor combines the effects of general causes that may result in contact or damage to friable material. These causes include air movement, building vibration from machinery or any other source, and activity levels of students or building workers. This factor is also an indication of future exposure potential. **Activity is normally noted as Low, Moderate or Heavy.**

5. AIR PLENUM (DIRECT AIRSTREAM): Friable asbestos-containing material within an air plenum or in an air stream, if undisturbed, has a low potential of contaminating the building's environment. However, it must be considered since contamination of large areas may result from contact or damage during maintenance, repairs or renovations. **This condition is normally noted as Yes or No.**

6. ASBESTOS CONTENT (TYPE AND PERCENT): While all asbestos materials present an exposure potential, those with a high percentage of asbestos can release more fibres. The regulations require that the form of asbestos must be reported individually; Chrysotile, Amosite, Crocidolite and Amphibole other than Amosite and Crocidolite (Actinolite, Anthophyllite and Tremolite), as well as the amount as a percentage; none detected, less than 1%, 1 to 5%, 5 to 25%, 25 to 50%, 50 to 75%, and more than 75%.

7. FRIABILITY: The term friable is applied to material that can be crumbled, pulverized, or reduced to powder in the hand. In order to evaluate the material in question, it should be touched, although a visual evaluation may be made based on knowledge of standard applications. The asbestos-containing material can vary in degree of friability:

Very friable: spray-applied fibrous fireproofing, damaged cementitious applications and thermal insulation.

Moderately friable: undamaged spray-applied cementitious fireproofing and various acoustic applications.

Somewhat friable: undamaged trowel-applied and preformed thermal insulation.

Non-friable: material that, when dry, cannot be crumbled, pulverized or powdered by hand pressure, i.e., manufactured products.

The more friable the material, the greater the potential for asbestos fibre release.

The *Regulation respecting Asbestos on Construction Projects and in Buildings and Repair Operations* made under the *Occupational Health and Safety Act*, R.R.O. 1990, O.Reg. 838, as amended by O.Reg. 510/92, requires that fallen material be cleaned up and corrective measures be undertaken where material will continue to deteriorate and fall. Recommendations for appropriate corrective measures are based on evaluation of the above-defined factors and are consistent with the requirements of the Regulation. The Board may choose to undertake additional work based on past experience or Board policy.

Repair of thermal insulation usually consists of the application of canvas and lagging (encapsulant) to seal areas of damage. This option is selected where damage to a section of insulation is limited and of a minor nature (such that repair activities are not likely to cause a significant disturbance to the underlying friable material) and is not likely to recur due to its accessibility.

Repair of spray-on materials, fireproofing and acoustic, usually involves the application of encapsulant to limited areas of degraded or damaged materials to seal loose edges. Note that existing materials must have sufficient strength to support the added weight of the repair.

Removal of friable thermal insulation or spray-applied material is recommended as the corrective action in areas where: the asbestos-containing material is damaged beyond repair; repair would result in disturbing as much fibre as removal; there is insufficient strength to support a repair; repeat damage cannot be easily avoided, or planned alterations or renovations would result in major disturbance.