

POLICE ATHLETIC FACILITY BUILDING

SEACOR
ENVIRONMENTAL INC.

Client: City of Ottawa	Job Number: 216.07926.00
Year Built: 1966 est.	Location: 1463 Prince of Wales, Ottawa
Building Description: Single Storey – Concrete Building	Usage: Youth Centre
Photographer: D. Morroz	Date: 4/26/2006



SUMMARY INFORMATION

Findings:

Asbestos was confirmed (SA-9) in mechanical pipe insulation on pipe fittings and straight runs located throughout the basement and was also observed within wall and ceiling cavities on the main and basement levels. One fitting observed in the ceiling space of the laundry room was identified in poor condition.

Asbestos was confirmed (SA-15) in mechanical duct insulation located throughout the basement mechanical room.

No asbestos was detected in the remainder of the samples submitted (see appended analytical report). Other sampled materials included drywall filler compound, stipple ceiling finishes, plaster and caulking.

Recommendation:

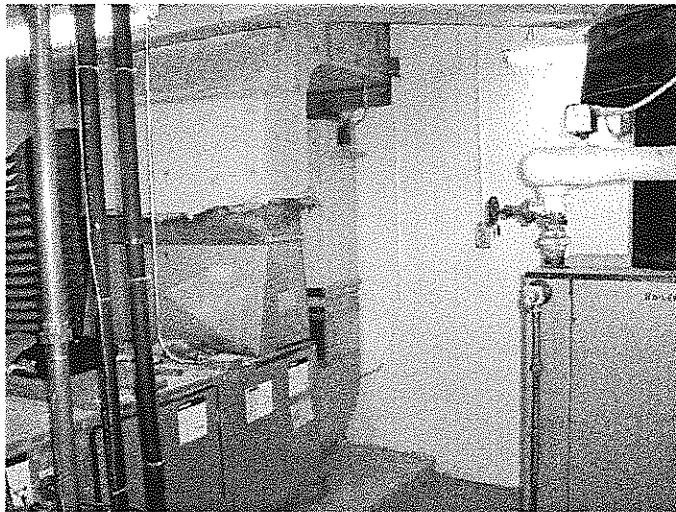
Repair or remove damaged ACMs as per Ontario Regulation 278/05 "Regulation respecting Asbestos on Construction Projects and in Building and Repair Operations".

Some ACMs may be concealed in wall and ceiling cavities. Any work activities that will require access into these spaces should be completed with this understanding, and once accessible the ACMs should be removed according to the above regulatory protocols.

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View of ACM mechanical insulation on ductwork observed in the basement.



View of ACM mechanical insulation on duct and piping.

SUMMARY INFORMATION

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PLM REPORT

Steve Moody Micro Services, Inc.
1510 Randolph, Suite 602
Carrollton, Texas 75006 (972) 446-9482

NVLAP Lab No. 102056
TDH License No. 30-0084
PAT ID # 102577

Client : SEACOR - Ottawa, Ontario Lab Job No.: x6B-03603
Project : City of Ottawa Youth Centre (Hog's Back) Report Date: 04/26/2006
Project # : 216.07926.00 Sample Date : 04/21/2006
Identification : Asbestos, Bulk Sample Analysis
Test Method : Polarized Light Microscopy / Dispersion Staining (PLM/DS)
EPA Method 600 / R-93 / 116

Page 1 of 2

On 4/25/06, eighteen (18) bulk material samples were submitted by a representative of SEACOR - Ottawa, Ontario for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
SA-1	Textured Ceiling Plaster, Gym	None Detected - Plaster None Detected - Paint
SA-2	Textured Ceiling Plaster, Gym	None Detected - Plaster None Detected - Paint
SA-3	Textured Ceiling Plaster, Gym	None Detected - Plaster None Detected - Paint
SA-4	Textured Ceiling Plaster, Gym	None Detected - Plaster None Detected - Paint
SA-5	Textured Ceiling Plaster, Gym	None Detected - Plaster None Detected - Paint
SA-6	Drywall Filler Compound, Gym	None Detected - Joint Compound
SA-7	Textured Skimcoat, Hose Tower	None Detected - Plaster None Detected - Paint
SA-8	Drywall Filler Compound, Arts and Crafts	None Detected - Joint Compound
SA-9	Parging Cement	90% Chrysotile - Thermal Insulation
SA-10	12" x 12" Floor Tile (Dark Flecks)	None Detected - Floor Tile None Detected - Black Mastic
SA-11	Anti Sweat, Hallway	None Detected - Thermal Insulation
SA-12	Wall Plaster, Kitchen	None Detected - Bottom Plaster None Detected - Top Plaster

PLM REPORT

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Sample Number	Client Sample Description / Location	Asbestos Content
SA-13	Drywall Filler Compound, Kitchen	None Detected - Joint Compound
SA-14	Ceiling Plaster, Storage Room	None Detected - Plaster
SA-15	Duct Insulation, Mechanical Room	90% Chrysotile - Thermal Insulation None Detected - Paper/Tar Wrap None Detected - Yellow Thermal
SA-16	Duct Insulation, Mechanical Room	None Detected - Yellow Thermal None Detected - Paper/Tar Wrap
SA-17	Ceiling Tile, Basement Storage Room	None Detected - Acoustic Tile
SA-18	Exterior Caulking	None Detected - Caulking

These samples were analyzed by layers. Quantification, unless otherwise noted, is performed by calibrated visual estimate. Results may not be reproduced except in full. This test report relates only to the samples tested. These test results do not imply endorsement by NVLAP or any agency of the U.S. Government. Accredited by the National Voluntary Laboratory Accreditation Program for Bulk Asbestos Fiber Analysis under Lab Code 102056.



Analyst : Jessica Scott

Lab Director : Steve Moody

Approved Signatory :

Client :

Project :

216.07926.00

Lab Job# :

Sample # : SA-1

Client Sample Description : **Textured Ceiling Plaster, Gym**

Layer 1 Plaster

Stereoscopic Exam :

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Grey	Hard / Blocky	YES	ND	ND	65

PLM Examination

Components	% +/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Perlite	65	Glass Foam				0		
Calcite / Binders	35	Non-fibrous				high		

Prep/treatment : mechanical separation

Asbestos Content : **None Detected**

Layer 2 Paint

Stereoscopic Exam :

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Tough	YES	ND	ND	35

PLM Examination

Components	% +/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Pigment / Binders	100	Non-fibrous						

Prep/treatment : heat / melt

Asbestos Content : **None Detected**

Comments :
No Texture Present

Analyst : **Jessica Scott**
Date Analyzed : **4/25/06**

Lab Job# : **x6B-03603** Sample # : **SA-1**

Client : **SEACOR - Ottawa, Ontario**

Project : **City of Ottawa Youth Centre (Hog's Back)**

Project # : **216.07926.00** Lab Job# : **x6B-03603** Sample # : **SA-2**

Client Sample Description : **Textured Ceiling Plaster, Gym**

Page 1 of 1

Layer 1 Plaster

Stereoscopic Exam :

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Grey	Hard / Blocky	YES	ND	ND	75

PLM Examination

Components	%	+/-	Morphology	Color / Pleochrois	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Perlite	65		Glass Foam				0		
Calcite / Binders	35		Non-fibrou				high		

Prep/treatment : **mechanical separation**

Asbestos Content : **None Detected**

Layer 2 Paint

Stereoscopic Exam :

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Tough	YES	ND	ND	25

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpend Ref. Index	Biref	Extinction Angle	Sign of Elongation
Pigment / Binders	100		Non-fibrous						

Prep/treatment : **heat / melt**

Asbestos Content : **None Detected**

Comments :
Texture Present

Analyst : **Jessica Scott**

Date Analyzed : **4/25/06**

Lab Job# : **x6B-03603**

Sample # : **SA-2**

Client :

Project :

216.07926.00

Lab Job# :

Sample # : SA-3

Client Sample Description : Textured Ceiling Plaster, Gym

Layer 1 Plaster

Stereoscopic Exam :

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Grey	Hard / Blocky	YES	ND	ND	80

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Perlite	65		Glass Foam				0		
Calcite / Binders	35		Non-fibrous				high		

Prep/treatment : mechanical separation

Asbestos Content : None Detected

Layer 2 Paint

Stereoscopic Exam :

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Tough	YES	ND	ND	20

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Pigment / Binders	100		Non-fibrous						

Prep/treatment : heat / melt

Asbestos Content : None Detected

Comments :
No Texture Present

Analyst : Jessica Scott
Date Analyzed : 4/25/06

Lab Job# : x6B-03603 Sample # : SA-3

Client : **SEACOR - Ottawa, Ontario**

Project : **City of Ottawa Youth Centre (Hog's Back)**

Project # : **216.07926.00** Lab Job# : **x6B-03603** Sample # : **SA-4**

Client Sample Description : **Textured Ceiling Plaster, Gym**

Page 1 of 1

Layer 1 Plaster

Stereoscopic Exam :

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Grey	Hard / Blocky	YES	ND	ND	50

PLM Examination

Components	%	+/-	Morphology	Color / Pleochrois	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Perlite	65		Glass Foam				0		
Calcite / Binders	35		Non-fibrou				high		

Prep/treatment : **mechanical separation**

Asbestos Content : **None Detected**

Layer 2 Paint

Stereoscopic Exam :

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Tough	YES	ND	ND	50

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpende Ref. Index	Biref	Extinction Angle	Sign of Elongation
Pigment / Binders	100		Non-fibrous						

Prep/treatment : **heat / melt**

Asbestos Content : **None Detected**

Comments :
No Texture Present

Analyst : **Jessica Scott**
Date Analyzed : **4/25/06**

Lab Job# : **x6B-03603** Sample # : **SA-4**

SEACOR - Ottawa, Ontario

Project : **City of Ottawa Youth Centre (Hog's Back)**

Project # : **216.07926.00** Lab Job# : **x6B-03603** Sample # : **SA-5**

Client Sample Description : **Textured Ceiling Plaster, Gym**

Page 1 of 1

Layer 1 Plaster

Stereoscopic Exam :

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Grey	Hard / Blocky	YES	ND	ND	85

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Perlite	65		Glass Foam				0		
Calcite / Binders	35		Non-fibrous				high		

Prep/treatment : **mechanical separation**

Asbestos Content : **None Detected**

Layer 2 Paint

Stereoscopic Exam :

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Tough	YES	ND	ND	15

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Pigment / Binders	100		Non-fibrous						

Prep/treatment : **heat / melt**

Asbestos Content : **None Detected**

Comments :
No Texture Present

Analyst : **Jessica Scott**
Date Analyzed : **4/25/06**

Lab Job# : **x6B-03603** Sample # : **SA-5**

Client : **SEACOR - Ottawa, Ontario**

Project : **City of Ottawa Youth Centre (Hog's Back)**

Project # : **216.07926.00** Lab Job# : **x6B-03603** Sample # : **SA-6**

Client Sample Description : **Drywall Filler Compound, Gym**

Page 1 of 1

Layer 1 Joint Compound

Stereoscopic Exam :

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	100

PLM Examination

Components	%	+/-	Morphology	Color / Pleochrois	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Binders	100		Non-fibrous				high		

Prep/treatment : **mechanical separation**

Asbestos Content : **None Detected**

Comments :

Analyst : **Jessica Scott**

Date Analyzed : **4/25/06**

Lab Job# : **x6B-03603**

Sample # : **SA-6**

Client : **SEACOR - Ottawa, Ontario**

Project : **City of Ottawa Youth Centre (Hog's Back)**

Project # : **216.07926.00** Lab Job# : **x6B-03603** Sample # : **SA-7**

Client Sample Description : **Textured Skimcoat, Hose Tower**

Page 1 of 1

Layer 1 Plaster

Stereoscopic Exam :

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Grey	Hard / Blocky	YES	ND	ND	100

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Aggregate	65		Non-fibrous						
Calcite / Binders	35		Non-fibrous				high		

Prep/treatment : **mechanical separation**

Asbestos Content : **None Detected**

Layer 2 Paint

Stereoscopic Exam :

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Off-White	Tough	YES	ND	ND	<1

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Pigment / Binders	100		Non-fibrous						

Prep/treatment : **heat / melt**

Asbestos Content : **None Detected**

Comments :
No Texture or Skimcoat Present

Analyst : **Jessica Scott**
Date Analyzed : **4/25/06**

Lab Job# : **x6B-03603** Sample # : **SA-7**

Client : **SEACOR - Ottawa, Ontario**

Project : **City of Ottawa Youth Centre (Hog's Back)**

Project # : **216.07926.00** Lab Job# : **x6B-03603** Sample # : **SA-8**

Client Sample Description : **Drywall Filler Compound, Arts and Crafts**

Page 1 of 1

Layer 1 **Joint Compound**

Stereoscopic Exam :

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	100

PLM Examination

Components	%	+/	Morphology	Color / Pleochrois	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation**

Asbestos Content : **None Detected**

Comments :

Analyst : **Jessica Scott**

Date Analyzed : **4/25/06**

Lab Job# : **x6B-03603**

Sample # : **SA-8**

Client : **SEACOR - Ottawa, Ontario**

Project : **City of Ottawa Youth Centre (Hog's Back)**

Project # : **216.07926.00** Lab Job# : **x6B-03603** Sample # : **SA-9**

Client Sample Description : **Parging Cement**

Page 1 of 1

Layer 1 Thermal Insulation

Stereoscopic Exam :

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	90	90	100

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Chrysotile	90	15	silky / wavy	None	1.556	1.548	low	0	+
Glass Wool Fibers	5		Rods				0		
Binders / Fillers	5		Non-fibrous						

Prep/treatment : **mechanical separation**

Asbestos Content : **90% Chrysotile**

Comments :

Analyst : **Jessica Scott**

Date Analyzed : **4/25/06**

Lab Job# : **x6B-03603**

Sample # : **SA-9**

Client : **SEACOR - Ottawa, Ontario**

Project : **City of Ottawa Youth Centre (Hog's Back)**

Project # : **216.07926.00** Lab Job# : **x6B-03603** Sample # : **SA-10**

Client Sample Description : **12" x 12" Floor Tile (Dark Flecks)**

Page 1 of 1

Layer 1 Floor Tile

Stereoscopic Exam :

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Off-White	Hard	YES	ND	ND	95

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Vinyl Binders	100		Non-fibrous				high		

Prep/treatment : **heat / melt**

Asbestos Content : **None Detected**

Layer 2 Black Mastic

Stereoscopic Exam :

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Black	Asphaltic	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpend Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	5		ribbons				high		
Tar Binders	95		Non-fibrous						

Prep/treatment : **heat / melt**

Asbestos Content : **None Detected**

Comments :

Analyst : **Jessica Scott**

Date Analyzed : **4/26/06**

Lab Job# : **x6B-03603**

Sample # : **SA-10**

Client : **SEACOR - Ottawa, Ontario**

Project : **City of Ottawa Youth Centre (Hog's Back)**

Project # : **216.07926.00** Lab Job# : **x6B-03603** Sample # : **SA-11**

Client Sample Description : **Anti Sweat, Hallway**

Layer 1 Thermal Insulation

Stereoscopic Exam :

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	95	ND	100

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	97		ribbons				high		
Tar Binders	3		Non-fibrous						

Prep/treatment : **mechanical separation**

Asbestos Content : **None Detected**

Comments :

Analyst : **Jessica Scott**

Date Analyzed : **4/26/06**

Lab Job# : **x6B-03603**

Sample # : **SA-11**

Client : **SEACOR - Ottawa, Ontario**

Project : **City of Ottawa Youth Centre (Hog's Back)**

Project # : **216.07926.00** Lab Job# : **x6B-03603** Sample # : **SA-12**

Client Sample Description : **Wall Plaster, Kitchen**

Page 1 of 1

Layer 1 Bottom Plaster

Stereoscopic Exam :

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Hard / Blocky	YES	ND	ND	15

PLM Examination

Components	%	+/-	Morphology	Color / Pleochrois	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Aggregate	65		Non-fibrous						
Calcite / Binders	35		Non-fibrous				high		

Prep/treatment : **mechanical separation**

Asbestos Content : **None Detected**

Layer 2 Top Plaster

Stereoscopic Exam :

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Hard / Blocky	YES	ND	ND	85

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. In	Perpend Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Binders	100		Non-fibrous				high		

Prep/treatment : **mechanical separation**

Asbestos Content : **None Detected**

Comments :

Analyst : **Jessica Scott**

Date Analyzed : **4/26/06**

Lab Job# : **x6B-03603**

Sample # : **SA-12**

SEACOR - Ottawa, Ontario

Project : **City of Ottawa Youth Centre (Hog's Back)**

Project # : **216.07926.00** Lab Job# : **x6B-03603** Sample # : **SA-13**

Client Sample Description : **Drywall Filler Compound, Kitchen**

Page 1 of 1

Layer 1 **Joint Compound**

Stereoscopic Exam :

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	100

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation**

Asbestos Content : **None Detected**

Comments :

Analyst : **Jessica Scott**

Date Analyzed : **4/26/06**

Lab Job# : **x6B-03603**

Sample # : **SA-13**

Client : **SEACOR - Ottawa, Ontario**

Project : **City of Ottawa Youth Centre (Hog's Back)**

Project # : **216.07926.00** Lab Job# : **x6B-03603** Sample # : **SA-14**

Client Sample Description : **Ceiling Plaster, Storage Room**

Page 1 of 1

Layer 1 Plaster

Stereoscopic Exam :

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Grey	Hard / Blocky	YES	ND	ND	100

PLM Examination

Components	%	+/	Morphology	Color / Pleochrois	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Aggregate	65		Non-fibrous						
Calcite / Binders	35		Non-fibrous				high		

Prep/treatment : **mechanical separation**

Asbestos Content : **None Detected**

Comments :

Analyst : **Jessica Scott**

Date Analyzed : **4/26/06**

Lab Job# : **x6B-03603**

Sample # : **SA-14**

Client : **SEACOR - Ottawa, Ontario**

Project : **City of Ottawa Youth Centre (Hog's Back)**

Project # : **216.07926.00** Lab Job# : **x6B-03603** Sample # : **SA-15**

Client Sample Description : **Duct Insulation, Mechanical Room**

Layer 1 Thermal Insulation

Stereoscopic Exam :

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	90	90	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Chrysotile	90	15	silky / wavy	None	1.556	1.548	low	0	+
Binders / Fillers	10		Non-fibrous						

Prep/treatment : **mechanical separation**

Asbestos Content : **90% Chrysotile**

Layer 2 Paper/Tar Wrap

Stereoscopic Exam :

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan / Black	Fibrous	NO	20	ND	30

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	25		ribbons				high		
Tar Binders	75		Non-fibrous						

Prep/treatment : **mechanical separation**

Asbestos Content : **None Detected**

Layer 3 Yellow Thermal

Stereoscopic Exam :

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Yellow	Fibrous	YES	100	ND	65

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Mineral Wool Fibers	95		Rods				0		
Resin Binders	5		Non-fibrous						

Prep/treatment : **mechanical separation**

Asbestos Content : **None Detected**

Comments :

Analyst : **Jessica Scott**

Date Analyzed : **4/26/06**

Lab Job# : **x6B-03603**

Sample # : **SA-15**

Client : **SEACOR - Ottawa, Ontario**

Project : **City of Ottawa Youth Centre (Hog's Back)**

Project # : **216.07926.00** Lab Job# : **x6B-03603** Sample # : **SA-16**

Client Sample Description : **Duct Insulation, Mechanical Room**

Page 1 of 1

Layer 1 **Yellow Thermal**

Stereoscopic Exam :

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Yellow	Fibrous	YES	100	ND	35

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Mineral Wool Fibers	95		Rods				0		
Resin Binders	5		Non-fibrous						

Prep/treatment : **mechanical separation**

Asbestos Content : **None Detected**

Layer 2 **Paper/Tar Wrap**

Stereoscopic Exam :

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan / Black	Fibrous	NO	10	ND	65

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpend Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	15		ribbons				high		
Tar Binders	85		Non-fibrous						

Prep/treatment : **mechanical separation**

Asbestos Content : **None Detected**

Comments :

Analyst : **Jessica Scott**

Date Analyzed : **4/26/06**

Lab Job# : **x6B-03603**

Sample # : **SA-16**

SEACOR - Ottawa, Ontario

Project : **City of Ottawa Youth Centre (Hog's Back)**

Project # : **216.07926.00** Lab Job# : **x6B-03603** Sample # : **SA-17**

Client Sample Description : **Ceiling Tile, Basement Storage Room**

Page 1 of 1

Layer 1 **Acoustic Tile**

Stereoscopic Exam :

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	100	ND	100

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Wood Fibers	100		Cell Structure				high		

Prep/treatment : **mechanical separation**

Asbestos Content : **None Detected**

Comments :

Analyst : **Jessica Scott**

Date Analyzed : **4/26/06**

Lab Job# : **x6B-03603**

Sample # : **SA-17**

Client : **SEACOR - Ottawa, Ontario**

Project : **City of Ottawa Youth Centre (Hog's Back)**

Project # : **216.07926.00** Lab Job# : **x6B-03603** Sample # : **SA-18**

Client Sample Description : **Exterior Caulking**

Page 1 of 1

Layer I **Caulking**

Stereoscopic Exam :

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Rubbery	YES	ND	ND	100

PLM Examination

Components	%	+/-	Morphology	Color / Pleochrois	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite	60		Non-fibrous				high		
Binders / Fillers	40		Non-fibrous						

Prep/treatment : **heat / melt**

Asbestos Content : **None Detected**

Comments :

Analyst : **Jessica Scott**
Date Analyzed : **4/26/06**

Lab Job# : **x6B-03603** Sample # : **SA-18**

Risk Management

100 Constellation Crescent, 4th Floor, Nepean Mail Code: 26-77

Phone Number: 580-2655 Fax Number: 580-2654

E-Mail: claims@ottawa.ca



INCIDENT REPORT

(Please forward the report within 24 hours to Risk Management)

- NOTE:** 1. EMPLOYEE INJURIES SHOULD BE REPORTED USING THE OCCUPATIONAL HEALTH & SAFETY EMPLOYEE INCIDENT/ACCIDENT REPORT FORM.
2. ALL INCIDENTS INVOLVING VANDALISM, THEFT OR PERSONAL THREATS MUST BE FORWARDED TO CORPORATE SECURITY FAX: 580-2634

Department:		Branch:		Division:	
Location/Facility:					
Date of Occurrence: (YYYY-MM-DD)			Time of Occurrence: hr min. <input type="checkbox"/> am <input type="checkbox"/> pm		
Reported to (Name of Staff Person or Supervisor)				Phone #	
Were the Authorities Notified? <input type="checkbox"/> Yes <input type="checkbox"/> No		Which Authority? <input type="checkbox"/> Fire <input type="checkbox"/> Police <input type="checkbox"/> Security <input type="checkbox"/> Ambulance <input type="checkbox"/> Other			
Time Authority Arrived: hr. min. <input type="checkbox"/> am <input type="checkbox"/> pm			Police Report #:		
			Other Report # (i.e. Security, Ambulance)		
Cause of Incident					
<input type="checkbox"/> Fire <input type="checkbox"/> Theft <input type="checkbox"/> Accidental Loss <input type="checkbox"/> Vandalism <input type="checkbox"/> Injury to Public <input type="checkbox"/> Personal Incident/Threats					
<input type="checkbox"/> Medical Condition <input type="checkbox"/> Other (please describe):					
Person Involved / Department Involved (i.e. Name of Injured Party; Owner of Property)					
Name:		Phone #:		Date of Birth (YYYY-MM-DD):	
Address:					
Were Next of Kin Notified: <input type="checkbox"/> Yes <input type="checkbox"/> No		Name/Relationship:		Phone #:	
2nd Person / Department Involved (i.e. Name of Injured Party; Owner of Property)					
Name:		Phone #:		Date of Birth (YYYY-MM-DD):	
Address:					
Were Next of Kin Notified: <input type="checkbox"/> Yes <input type="checkbox"/> No		Name/Relationship:		Phone #:	
Description of Incident: Write your observations of the incident, in chronological order, in as much detail as possible. Use supplemental form if necessary.					