



# Designated Substances Survey Supplement for the Centre Block Building, 111 Wellington, Ottawa, Ontario

2013-06-07

Public Works and Government Services Canada  
Real Property Branch  
Professional and Technical Service Management  
Environmental Services Directorate

Prepared for: Christopher Robinson  
Project Manager, PWGSC

Prepared by: Olivier Brazeau  
Environmental Services Directorate  
Professional and Technical Service Management  
Real Property Branch

On April 12 2013, the Environmental Services Directorate of Public Works and Government Services Canada (PWGSC), was retained to complete a designated substances investigation to supplement data in the Centre Block's Designated Substances Survey (DSS). The Designated Substances Report is required under the *Ontario Occupational Health and Safety Act* in order to identify designated substances that may be present within the project area.

From the visual inspection suspect materials were sampled and analyzed, where appropriate, for asbestos. On the basis of this inspection, a total of twenty-one (21) samples of suspected asbestos-containing materials were collected on 2013/04/12. Samples were then submitted for analysis to the EXOVA Accutest Laboratory (an accredited CAEAL lab) located at 146 Colonnade Road, Nepean, Ontario, K2E 7Y1.

New ACM locations were added, and are listed in the results section.

### Observations

#### *Kitchen and dining room attic*

The space was accessed via the ceiling hatch in the kitchen. Three samples were taken from the cementitious grey putty and three samples of granular cement coat on the ceiling structure near the access hatch.

Across the catwalks, three grey terra cotta mortar samples were collected from the ceiling as well as three white plaster coat samples from the sloped exterior wall directly to the right of image 1's point of view.



Image 1: Kitchen and dining room catwalks on opposite side of kitchen ceiling hatch

#### *Access 5 crawlspace*

The space was accessed through the floor hatch within the elevator control room. Terra cotta was present throughout the space, most mechanical insulation was fibreglass. Three samples of grey terra cotta mortar were taken from the south corridor's low ceiling near the hatch.

In the southeast corner, the exterior wall plaster coat was deemed similar to the one found in the kitchen attic. Three samples of grey terra cotta mortar debris were taken from the southeast corner floor

Three samples of brick mortar were taken from the brick wall of the south corridor.

The east corridor (Image 2) was found to be similar to the south corridor.



Image 2: East corridor

Access 6 crawlspace

The space was accessed through a small access door in the wall of a stairwell, which is the North corridor of the crawlspace. The space had brick walls, terra cotta ceiling, cement floor and fibreglass mechanical insulation.

The vertical posts had the same granular cement coating as in the kitchen catwalk.



Image 3: North Corridor

## Results

Table 1: Analysis results

Sample number	Material	Location	Asbestos Type	Asbestos content (%)
01A,B,C-12-04-13	Grey fibrous putty	Kitchen catwalk domes	n/d	n/a
02A,B,C-12-04-13	Grey cementitious coating	Kitchen catwalk ceiling	n/d	n/a
03A,B,C-12-04-13	Grey terra cotta mortar	Kitchen catwalk ceiling	n/d	n/a
04A-12-04-13	White plaster coat	Kitchen catwalk exterior wall	Chrysotile	1
04B-12-04-13			Stop Positive	
04C-12-04-13			Stop Positive	
05A,B,C-12-04-13	Grey terra cotta mortar	Access 5 crawlspace ceiling	n/d	n/a
06A-12-04-13	Grey terra cotta mortar debris	Access 5 crawlspace SE corner	Chrysotile	1
06B-12-04-13			Stop Positive	
06C-12-04-13			Stop Positive	
07A,B,C-12-04-13	Grey brick mortar	Access 5 crawlspace South corridor wall	n/d	n/a

n/d = none detected

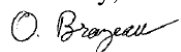
n/a = not applicable

Results showed that the white plaster coat of the exterior wall in the kitchen attic contained 1% Chrysotile asbestos. This extends to the exterior wall plaster coat in the Southeast corner of the crawlspace near Access 5. The mortar debris found on the floor of the Southeast corner of the attic also contains 1% Chrysotile.

## Conclusion

Three new areas of asbestos containing materials were identified, and with the exception of the SE corner of the Access 5 crawlspace, all areas were generally clean and free of debris. The SE corner of the crawlspace only requires a very small clean-up (<1m<sup>2</sup>) of the terra cotta and mortar debris. Once completed no special precautions will be required in this area. No special precautions are currently required in any of the additional areas within the scope of this survey. We trust that this report meets your needs. Please contact the undersigned with any questions.

Sincerely,



Olivier Brazeau  
Health and Safety Officer  
Environmental Services Directorate, PWGSC

This final report titled:

**Designated Substances Survey Supplement for the  
Centre Block Building, 111 Wellington, Ottawa, Ontario**

**2013-06-07**

ESD Project Number: R.11973.168  
has been reviewed by Member(s) in accordance with  
the following ESD Quality Management System criteria:

**Criteria**

**Reviewer Signature/Date:**

ESD Project Leader



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*Olivier Brazeau/ 2013-06-07*

ESD Senior Technical Advisor or Equivalent

- Meets scope of work as described in the Proposal for Services
- Meets quality for technical content and methodology
- Meets quality for clarity, grammar and tone



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*Paul Von Schoenberg/ 2013-06-07*

ESD Client Liaison Advisor  
Approval of Recommendations Section



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*Christopher Robinson/ 2013-06-07*

**Environmental Services Directorate**  
Professional and Technical Service Management  
Real Property Branch